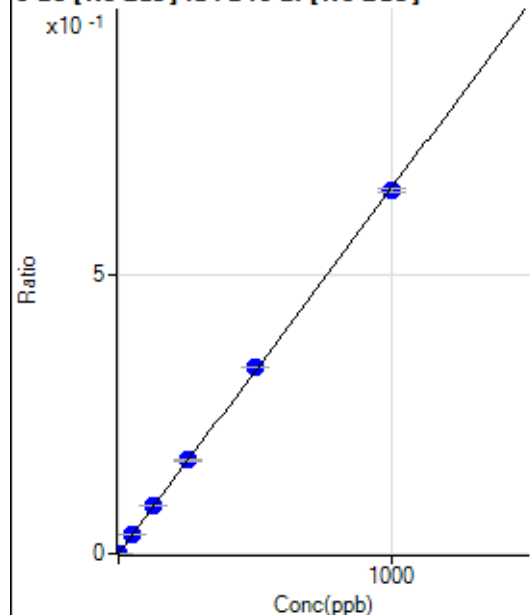


Batch Folder: D:\ICP-MS Data\P7060319MS.b\
Analysis File: P7060319MS.batch.bin
DA Date-Time: 2019-06-03 18:04:52
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2019-06-03 12:58:12
2			
3	005CALS.d	S02	2019-06-03 13:06:20
4	006CALS.d	S03	2019-06-03 13:10:16
5	007CALS.d	S04	2019-06-03 13:14:13
6	008CALS.d	S05	2019-06-03 13:18:05
7	009CALS.d	S06	2019-06-03 13:21:55
8	010CALS.d	S07	2019-06-03 13:25:44
9	011CALS.d	S08	2019-06-03 13:29:30

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	36.67	0.0000	P	24.3
2	☐	0.100					
3	☐	1.000	1.019	1820.14	0.0007	P	2.1
4	☐	50.000	52.832	90397.85	0.0345	P	0.3
5	☐	125.000	129.146	212697.75	0.0844	P	0.3
6	☐	250.000	255.840	376413.81	0.1672	P	0.7
7	☐	500.000	511.233	709335.89	0.3341	P	0.3
8	☐	1000.000	992.264	1337742.97	0.6485	P	1.0
9	☐			321.12	0.0001	P	6.6

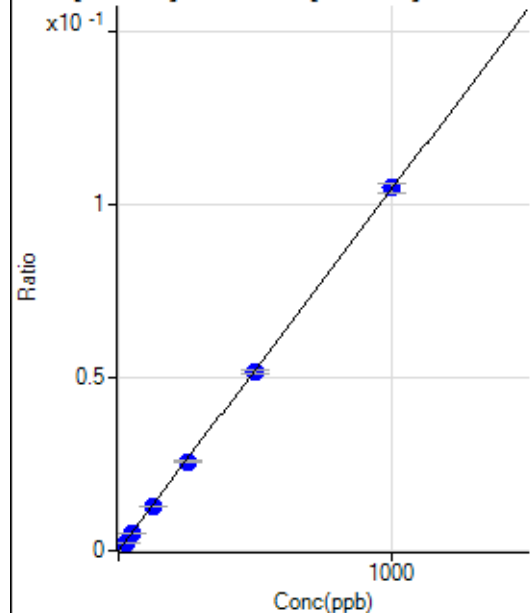
$$y = 6.5355E-004 * x + 1.3795E-005$$

$$R = 0.9999$$

$$DL = 0.01539$$

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	158.34	0.0001	P	10.1
2	☐	2.500					
3	☐	25.000	23.144	6632.28	0.0025	P	1.4
4	☐	50.000	48.534	13428.67	0.0051	P	4.3
5	☐	125.000	122.818	32488.62	0.0129	P	0.3
6	☐	250.000	245.793	57942.33	0.0257	P	3.3
7	☐	500.000	495.080	109960.31	0.0518	P	1.9
8	☐	1000.000	1003.904	216507.49	0.1050	P	2.8
9	☐			12322.15	0.0057	P	10.3

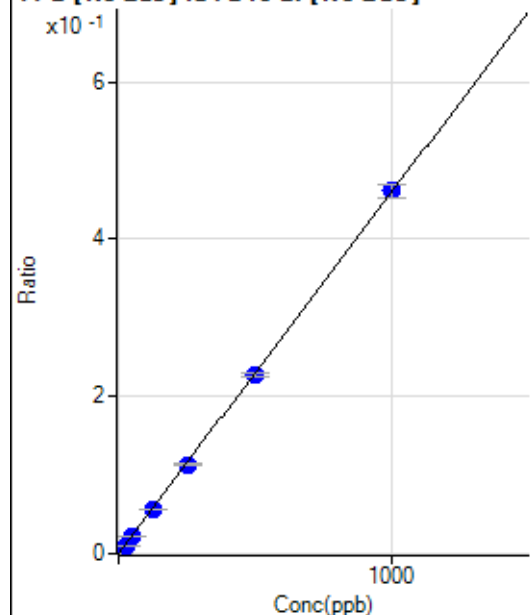
$$y = 1.0450E-004 * x + 5.9529E-005$$

$$R = 1.0000$$

$$DL = 0.1729$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	625.04	0.0002	P	16.5
2	☐	2.500					
3	☐	25.000	22.857	28711.46	0.0107	P	3.6
4	☐	50.000	48.355	58706.35	0.0224	P	2.8
5	☐	125.000	122.895	142730.28	0.0566	P	1.2
6	☐	250.000	246.177	254891.45	0.1132	P	1.6
7	☐	500.000	494.501	482425.26	0.2272	P	1.9
8	☐	1000.000	1004.104	951188.57	0.4612	P	3.9
9	☐			53821.93	0.0250	P	10.8

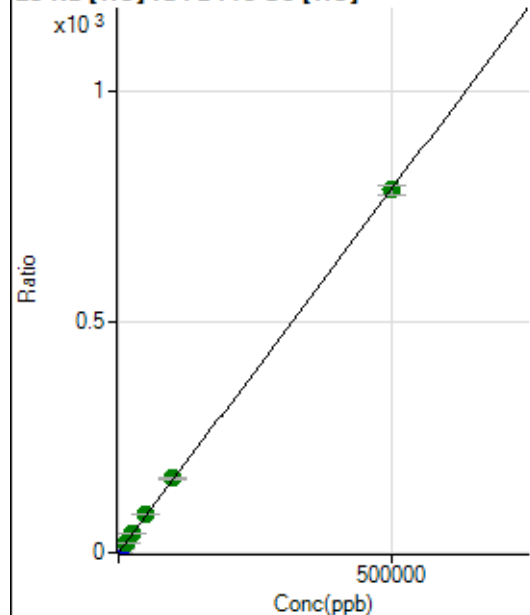
$$y = 4.5905\text{E-}004 * x + 2.3515\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.2539$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	7165.90	0.0329	P	4.5
2	☐	50.000					
3	☐	500.000	483.828	175462.61	0.7962	P	0.5
4	☐	5000.000	5194.462	1717194.64	8.2279	P	0.9
5	☐	12500.000	12824.664	3919892.36	20.2657	A	0.7
6	☐	25000.000	26403.632	7068375.25	41.6886	A	0.4
7	☐	50000.000	53391.082	13777618.53	84.2654	A	0.6
8	☐	100000.00	102555.42	27053689.32	161.8296	A	1.9
9	☐	500000.00	499069.58	142672836.5	787.3907	A	2.9

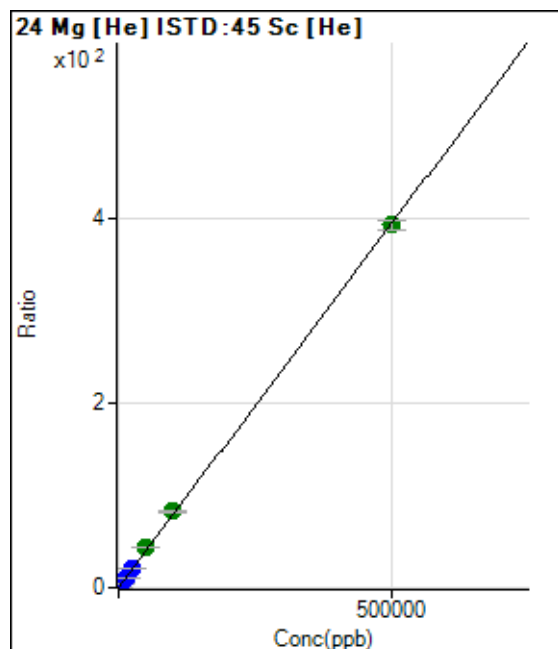
$$y = 0.0016 * x + 0.0329$$

$$R = 1.0000$$

$$DL = 2.828$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	266.68	0.0012	P	8.4
2	☐	50.000					
3	☐	500.000	531.984	92850.59	0.4213	P	1.7
4	☐	5000.000	5410.399	891964.95	4.2739	P	1.0
5	☐	12500.000	13336.567	2037368.19	10.5333	P	0.9
6	☐	25000.000	27313.258	3657377.21	21.5708	P	0.2
7	☐	50000.000	54986.680	7099979.85	43.4248	A	0.9
8	☐	100000.00	104945.28	13854494.06	82.8777	A	2.2
9	☐	500000.00	498371.56	71315311.32	393.5709	A	2.8

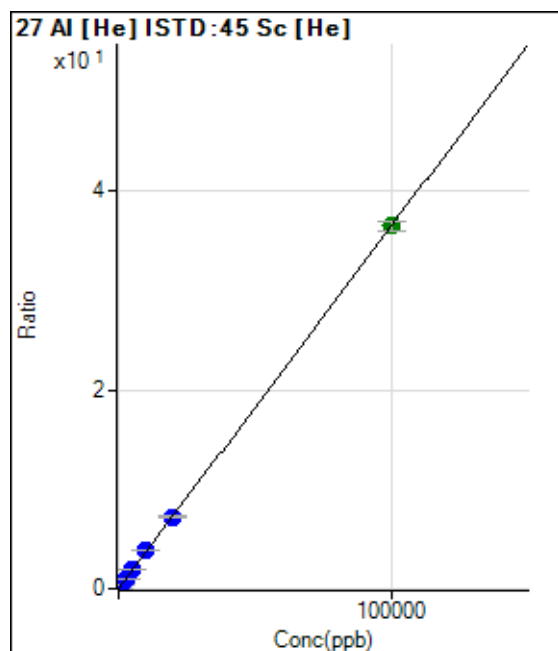
$$y = 7.8971\text{E-}004 * x + 0.0012$$

$$R = 0.9999$$

$$DL = 0.3918$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	25.00	0.0001	P	115.
2	☐	2.000					
3	☐	20.000	19.895	1625.16	0.0074	P	8.9
4	☐	1000.000	1021.758	77827.89	0.3729	P	0.4
5	☐	2500.000	2519.723	177838.67	0.9194	P	0.9
6	☐	5000.000	5194.695	321364.96	1.8954	P	0.4
7	☐	10000.000	10416.654	621405.66	3.8006	P	0.7
8	☐	20000.000	19855.643	1211059.93	7.2444	P	1.9
9	☐	100000.00	99976.761	6609254.19	36.4762	A	3.0

$$y = 3.6485\text{E-}004 * x + 1.1495\text{E-}004$$

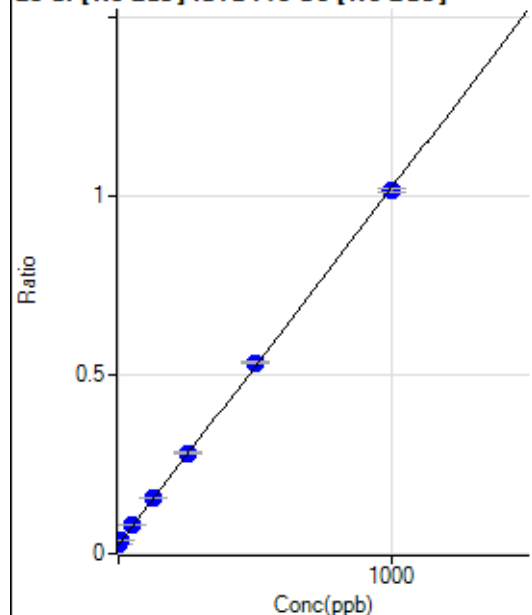
$$R = 1.0000$$

$$DL = 1.094$$

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	122809.84	0.0256	P	1.0
2	☐	1.000					
3	☐	10.000	10.356	173589.86	0.0359	P	0.5
4	☐	50.000	54.589	370794.53	0.0800	P	0.3
5	☐	125.000	130.635	684876.68	0.1559	P	0.7
6	☐	250.000	257.198	1101888.34	0.2821	P	0.5
7	☐	500.000	510.479	1985645.03	0.5348	P	0.4
8	☐	1000.000	992.024	3646662.58	1.0152	P	0.9
9	☐			143419.80	0.0372	P	2.7

$$y = 9.9766E-004 * x + 0.0256$$

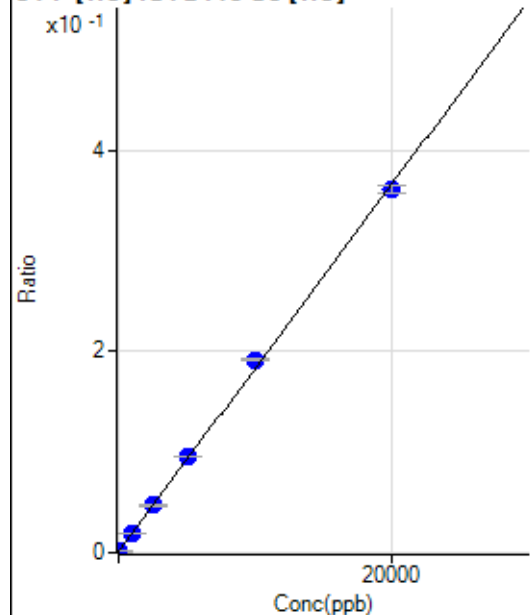
$$R = 0.9999$$

$$DL = 0.8006$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-20.874	111.11	0.0005	P	24.9
2	☐	0.000					
3	☐	0.000	20.874	280.57	0.0013	P	8.7
4	☐	1000.000	983.589	3934.01	0.0189	P	4.3
5	☐	2500.000	2528.961	9105.89	0.0471	P	1.4
6	☐	5000.000	5173.550	16170.47	0.0954	P	1.1
7	☐	10000.000	10473.551	31417.31	0.1922	P	1.7
8	☐	20000.000	19717.037	60342.51	0.3610	P	2.2
9	☐			97.23	0.0005	P	23.1

$$y = 1.8262E-005 * x + 8.9169E-004$$

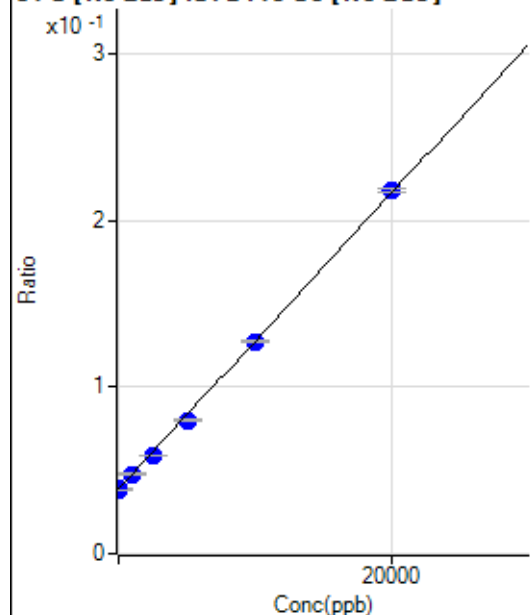
$$R = 0.9995$$

$$DL = 19.58$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	59.193	188670.74	0.0393	P	1.0
2	☐	0.000					
3	☐	0.000	-59.193	184812.98	0.0382	P	1.2
4	☐	1000.000	1014.761	221243.36	0.0477	P	1.0
5	☐	2500.000	2273.239	258882.19	0.0589	P	0.2
6	☐	5000.000	4645.568	312393.98	0.0800	P	1.7
7	☐	10000.000	9979.681	472885.79	0.1274	P	0.3
8	☐	20000.000	20126.375	781225.94	0.2175	P	1.1
9	☐			133885.98	0.0347	P	1.8

$$y = 8.8825\text{E-}006 * x + 0.0387$$

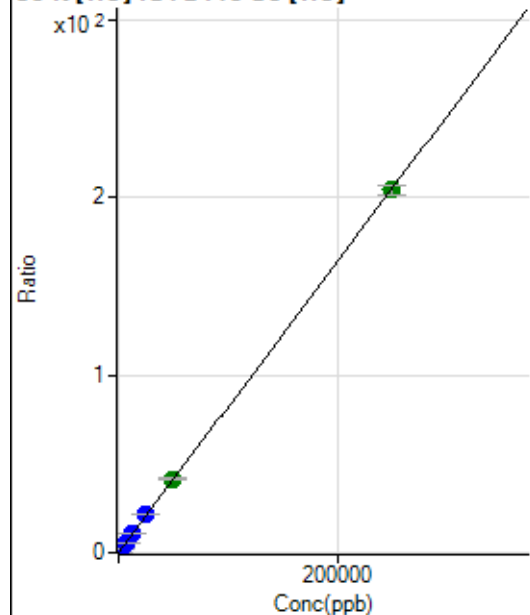
$$R = 0.9998$$

$$DL = 147.1$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	10601.42	0.0486	P	3.2
2	☐	50.000					
3	☐	500.000	482.493	97642.40	0.4431	P	1.4
4	☐	2500.000	2640.845	460730.62	2.2075	P	0.5
5	☐	6250.000	6430.892	1026282.25	5.3059	P	1.2
6	☐	12500.000	13168.940	1833589.23	10.8144	P	0.5
7	☐	25000.000	26466.085	3545463.01	21.6849	P	1.0
8	☐	50000.000	50560.126	6917795.12	41.3820	A	2.0
9	☐	250000.00	249702.02	36997391.80	204.1821	A	2.9

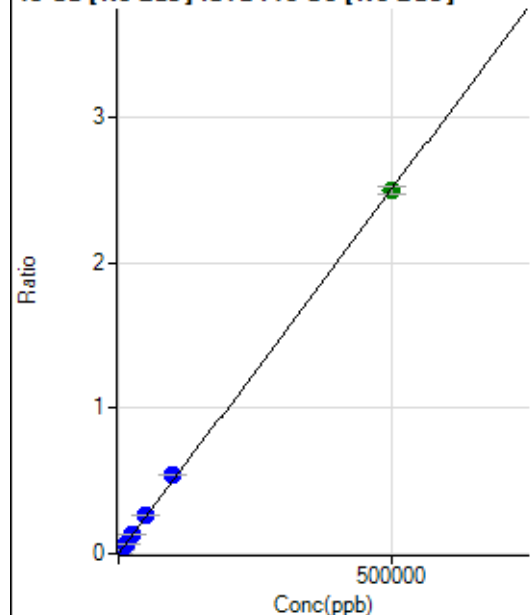
$$y = 8.1751\text{E-}004 * x + 0.0486$$

$$R = 1.0000$$

$$DL = 5.676$$

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	105.56	0.0000	P	16.6
2	☐	50.000					
3	☐	500.000	502.721	12294.47	0.0025	P	2.9
4	☐	5000.000	5361.374	124621.96	0.0269	P	1.6
5	☐	12500.000	13210.565	290960.23	0.0662	P	2.0
6	☐	25000.000	26777.695	524204.35	0.1342	P	1.0
7	☐	50000.000	53306.219	991959.26	0.2672	P	0.4
8	☐	100000.00	107804.54	1940777.76	0.5403	P	0.9
9	☐	500000.00	497998.20	9620481.81	2.4959	A	2.1

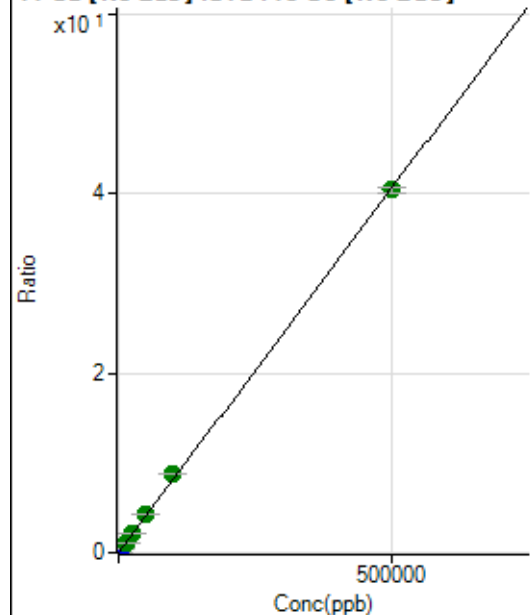
$$y = 5.0118\text{E-}006 * x + 2.1966\text{E-}005$$

$$R = 0.9999$$

$$DL = 2.185$$

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	6346.32	0.0013	P	0.7
2	☐	50.000					
3	☐	500.000	502.659	203784.19	0.0421	P	0.9
4	☐	5000.000	5340.214	2015038.70	0.4348	P	0.9
5	☐	12500.000	13037.652	4655828.32	1.0597	A	0.6
6	☐	25000.000	26381.868	8368790.29	2.1429	A	0.9
7	☐	50000.000	53183.634	16033266.68	4.3185	A	0.4
8	☐	100000.00	107738.51	31418503.83	8.7471	A	0.9
9	☐	500000.00	498047.99	155849634.0	40.4308	A	1.8

$$y = 8.1176\text{E-}005 * x + 0.0013$$

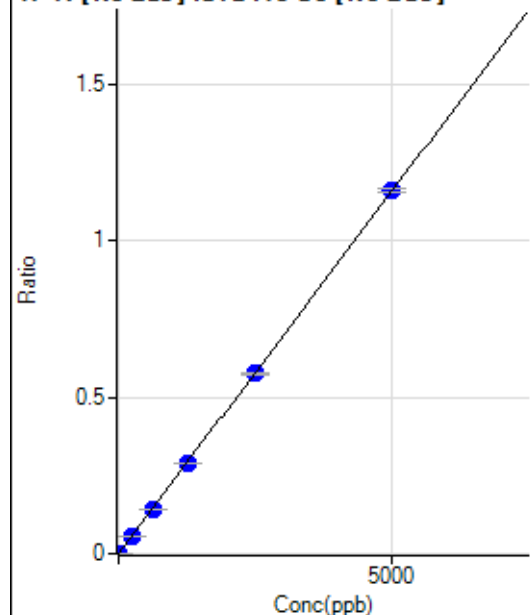
$$R = 0.9999$$

$$DL = 0.3516$$

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	75.00	0.0000	P	22.4
2	☐	0.500					
3	☐	5.000	4.925	5595.71	0.0012	P	6.3
4	☐	250.000	247.681	265983.50	0.0574	P	1.2
5	☐	625.000	614.311	625370.47	0.1423	P	0.9
6	☐	1250.000	1244.634	1126165.61	0.2884	P	1.1
7	☐	2500.000	2484.793	2137274.87	0.5757	P	0.2
8	☐	5000.000	5010.397	4169421.66	1.1608	P	0.9
9	☐			1997.44	0.0005	P	2.4

$$y = 2.3167\text{E-}004 * x + 1.5607\text{E-}005$$

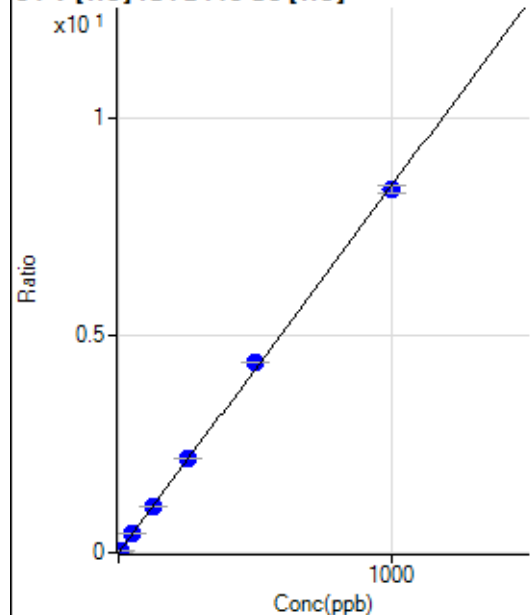
$$R = 1.0000$$

$$DL = 0.04517$$

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	2.22	0.0000	P	86.6
2	☐	0.500					
3	☐	5.000	5.128	9522.10	0.0432	P	1.1
4	☐	50.000	51.424	90419.22	0.4332	P	0.5
5	☐	125.000	126.198	205646.28	1.0632	P	1.5
6	☐	250.000	257.124	367271.35	2.1661	P	0.9
7	☐	500.000	518.284	713892.70	4.3663	P	0.8
8	☐	1000.000	988.855	1392604.55	8.3306	P	2.1
9	☐			241.12	0.0013	P	4.5

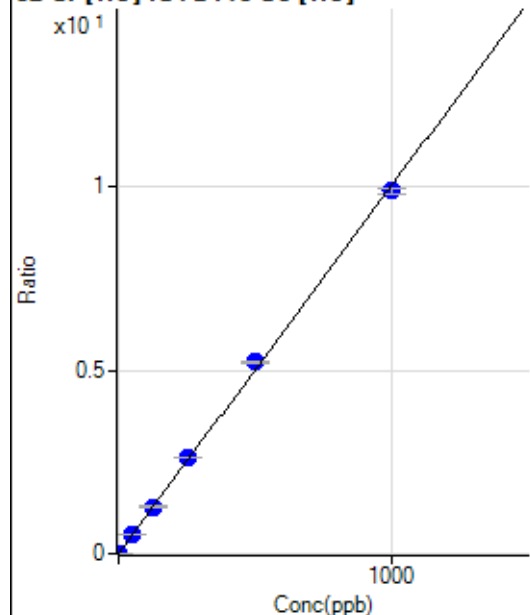
$$y = 0.0084 * x + 1.0172\text{E-}005$$

$$R = 0.9997$$

$$DL = 0.003137$$

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	582.25	0.0027	P	9.8
2	☐	0.200					
3	☐	2.000	1.944	4887.56	0.0222	P	3.4
4	☐	50.000	52.233	109926.93	0.5267	P	1.1
5	☐	125.000	127.748	248425.73	1.2843	P	0.9
6	☐	250.000	260.203	443071.25	2.6132	P	0.6
7	☐	500.000	521.511	855895.35	5.2348	P	0.9
8	☐	1000.000	986.239	1654591.16	9.8973	P	1.7
9	☐			13817.78	0.0763	P	3.7

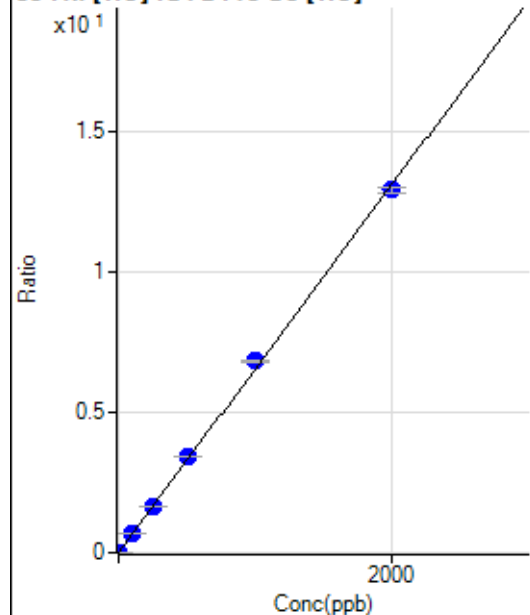
$$y = 0.0100 * x + 0.0027$$

$$R = 0.9996$$

$$DL = 0.0781$$

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	44.44	0.0002	P	36.0
2	☐	0.100					
3	☐	1.000	1.039	1544.55	0.0070	P	6.2
4	☐	100.000	102.602	140287.51	0.6722	P	0.6
5	☐	250.000	252.144	319452.46	1.6516	P	1.3
6	☐	500.000	520.849	578406.12	3.4114	P	0.5
7	☐	1000.000	1041.026	1114792.93	6.8182	P	0.6
8	☐	2000.000	1973.877	2161174.01	12.9276	P	1.8
9	☐			8938.37	0.0493	P	1.4

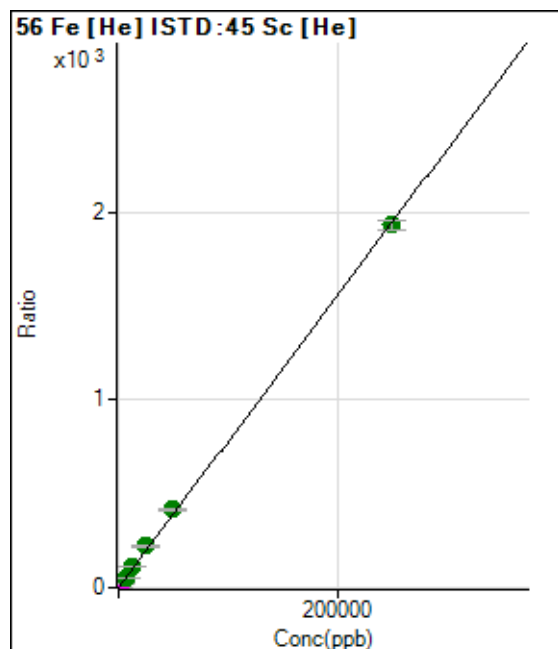
$$y = 0.0065 * x + 2.0349E-004$$

$$R = 0.9996$$

$$DL = 0.03354$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2587.34	0.0119	P	1.1
2	☐	5.000					
3	☐	50.000	57.270	100581.13	0.4564	P	0.7
4	☐	2500.000	2810.262	4554771.57	21.8252	M	1.5
5	☐	6250.000	6890.921	10348013.31	53.4993	A	1.3
6	☐	12500.000	14169.811	18650373.10	109.9982	A	0.4
7	☐	25000.000	28384.460	36024326.04	220.3325	A	0.9
8	☐	50000.000	53738.939	69728955.73	417.1344	A	2.4
9	☐	250000.00	248811.14	349938374.4	1,931.288	A	2.8

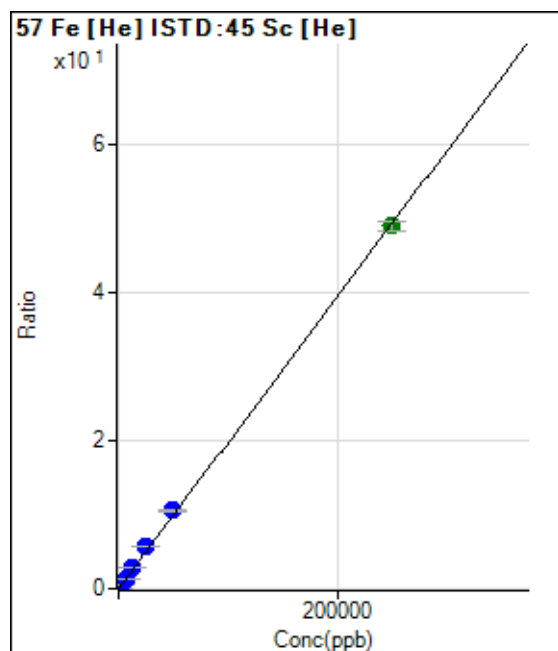
$$y = 0.0078 * x + 0.0119$$

$$R = 0.9998$$

$$DL = 0.05064$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	116.67	0.0005	P	13.6
2	☐	5.000					
3	☐	50.000	56.071	2555.85	0.0116	P	1.8
4	☐	2500.000	2815.981	116059.09	0.5561	P	2.0
5	☐	6250.000	6906.060	263653.28	1.3631	P	0.9
6	☐	12500.000	14170.788	474142.99	2.7964	P	0.6
7	☐	25000.000	28492.629	919214.01	5.6221	P	0.8
8	☐	50000.000	53464.566	1763523.74	10.5490	P	2.0
9	☐	250000.00	248854.72	8896147.94	49.0991	A	3.0

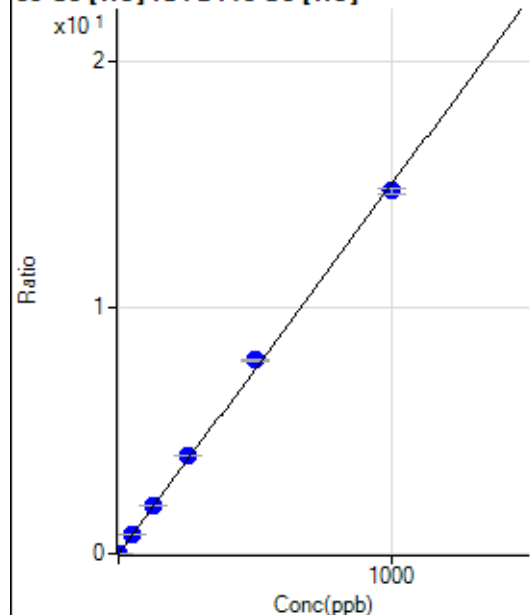
$$y = 1.9730E-004 * x + 5.3503E-004$$

$$R = 0.9998$$

$$DL = 1.105$$

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	63.34	0.0003	P	22.3
2	☐	0.100					
3	☐	1.000	0.986	3328.20	0.0151	P	3.3
4	☐	50.000	53.486	167709.87	0.8036	P	1.4
5	☐	125.000	129.776	377066.38	1.9494	P	1.1
6	☐	250.000	265.102	675133.33	3.9819	P	0.6
7	☐	500.000	525.606	1290741.45	7.8944	P	0.9
8	☐	1000.000	982.650	2467351.49	14.7588	P	1.6
9	☐			30043.13	0.1658	P	3.2

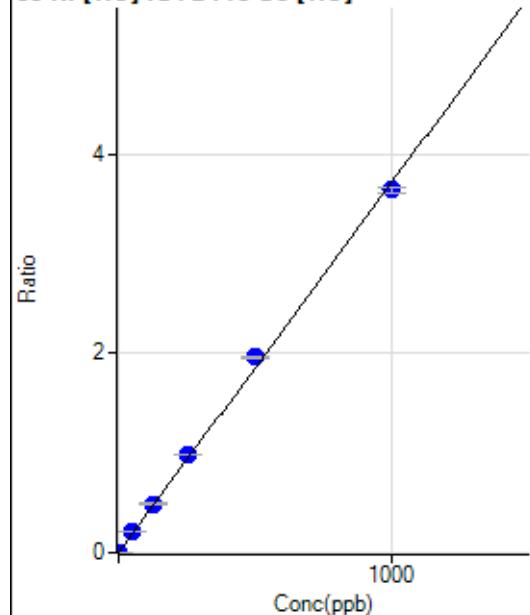
$$y = 0.0150 * x + 2.9031E-004$$

$$R = 0.9994$$

$$DL = 0.01294$$

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	90.00	0.0004	P	22.7
2	☐	0.100					
3	☐	1.000	1.006	913.38	0.0041	P	7.0
4	☐	50.000	55.168	42782.41	0.2050	P	2.1
5	☐	125.000	132.025	94783.69	0.4900	P	1.1
6	☐	250.000	265.606	167082.68	0.9854	P	0.2
7	☐	500.000	528.094	320282.07	1.9589	P	0.8
8	☐	1000.000	980.915	608214.83	3.6382	P	1.8
9	☐			7988.97	0.0441	P	0.7

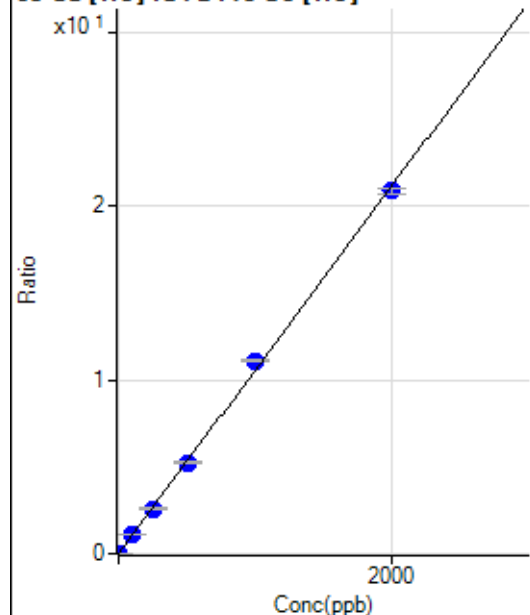
$$y = 0.0037 * x + 4.1271E-004$$

$$R = 0.9993$$

$$DL = 0.07568$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	395.57	0.0018	P	12.3
2	☐	0.200					
3	☐	2.000	1.935	4909.79	0.0223	P	5.6
4	☐	100.000	101.443	224236.51	1.0744	P	1.1
5	☐	250.000	245.769	503006.27	2.6005	P	0.7
6	☐	500.000	496.815	890998.20	5.2550	P	0.4
7	☐	1000.000	1050.918	1817127.86	11.1139	P	0.9
8	☐	2000.000	1975.794	3492954.53	20.8933	P	1.5
9	☐			4398.52	0.0243	P	4.5

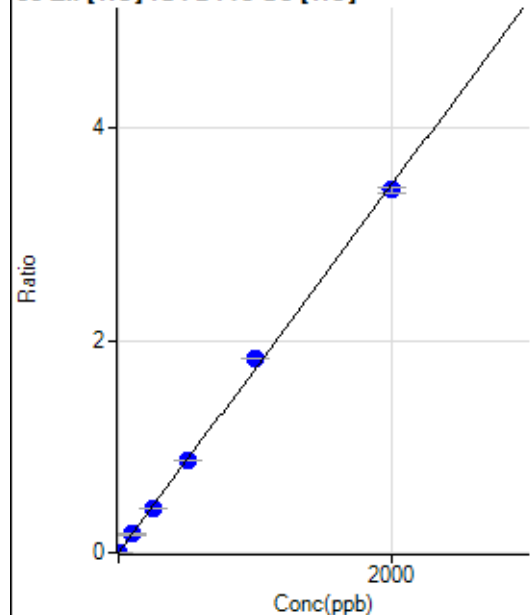
$$y = 0.0106 * x + 0.0018$$

$$R = 0.9995$$

$$DL = 0.0633$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	250.01	0.0011	P	8.9
2	☐	0.200					
3	☐	2.000	1.771	928.94	0.0042	P	4.6
4	☐	100.000	99.431	36177.12	0.1734	P	1.6
5	☐	250.000	241.879	81250.12	0.4201	P	0.2
6	☐	500.000	498.282	146512.72	0.8641	P	0.7
7	☐	1000.000	1056.784	299441.61	1.8314	P	0.4
8	☐	2000.000	1973.082	571479.29	3.4183	P	1.5
9	☐			4638.59	0.0256	P	4.4

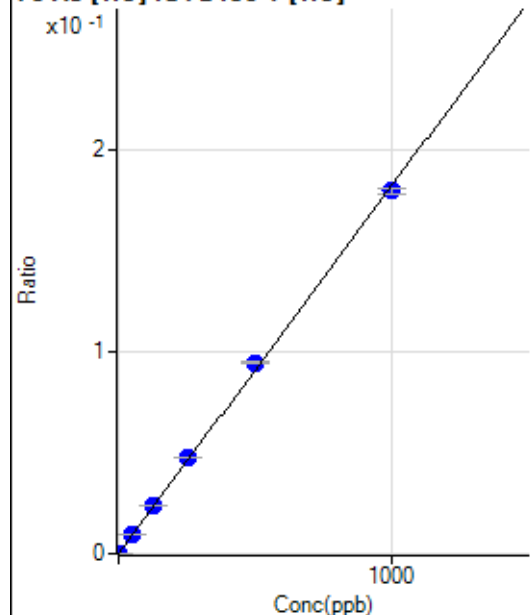
$$y = 0.0017 * x + 0.0011$$

$$R = 0.9994$$

$$DL = 0.1762$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	3.09	0.0000	P	69.9
2	☐	0.100					
3	☐	1.000	1.000	227.17	0.0002	P	8.1
4	☐	50.000	53.788	11544.76	0.0098	P	0.4
5	☐	125.000	130.696	26245.33	0.0237	P	0.1
6	☐	250.000	259.940	47183.00	0.0472	P	0.4
7	☐	500.000	519.301	91031.12	0.0943	P	0.7
8	☐	1000.000	986.963	174877.35	0.1793	P	1.8
9	☐			239.51	0.0002	P	5.2

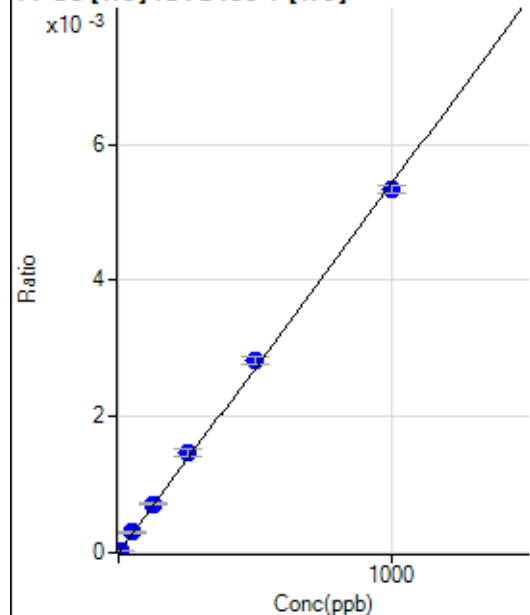
$$y = 1.8167\text{E-}004 * x + 2.5386\text{E-}006$$

$$R = 0.9997$$

$$DL = 0.0293$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.500					
3	☐	5.000	4.659	31.11	0.0000	P	27.1
4	☐	50.000	54.860	351.12	0.0003	P	11.8
5	☐	125.000	131.601	787.81	0.0007	P	3.5
6	☐	250.000	271.148	1466.77	0.0015	P	7.1
7	☐	500.000	520.362	2719.19	0.0028	P	4.1
8	☐	1000.000	983.466	5195.45	0.0053	P	2.3
9	☐			1.11	0.0000	P	173.

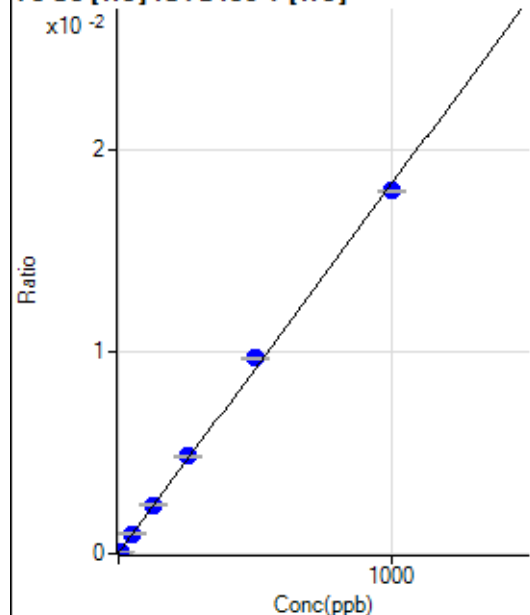
$$y = 5.4169\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9994$$

$$DL = 0$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	42.60	0.0000	P	26.8
2	☐	0.500					
3	☐	5.000	5.212	160.50	0.0001	P	1.7
4	☐	50.000	52.747	1179.07	0.0010	P	1.4
5	☐	125.000	130.407	2670.64	0.0024	P	1.7
6	☐	250.000	262.067	4816.28	0.0048	P	2.4
7	☐	500.000	528.784	9351.22	0.0097	P	0.9
8	☐	1000.000	981.777	17522.39	0.0180	P	0.9
9	☐			33.95	0.0000	P	41.5

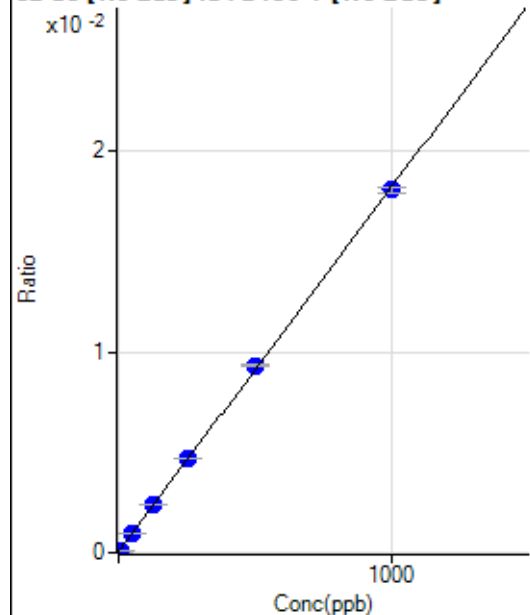
$$y = 1.8262\text{E-}005 * x + 3.4976\text{E-}005$$

$$R = 0.9993$$

$$DL = 1.539$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	345.99	0.0000	P	13.1
2	☐	0.500					
3	☐	5.000	4.568	977.63	0.0001	P	3.3
4	☐	50.000	52.147	7326.18	0.0010	P	0.5
5	☐	125.000	128.595	16872.65	0.0024	P	1.4
6	☐	250.000	256.088	30496.68	0.0047	P	0.2
7	☐	500.000	510.818	58145.24	0.0093	P	1.0
8	☐	1000.000	992.515	109697.45	0.0181	P	1.2
9	☐			247.01	0.0000	P	7.5

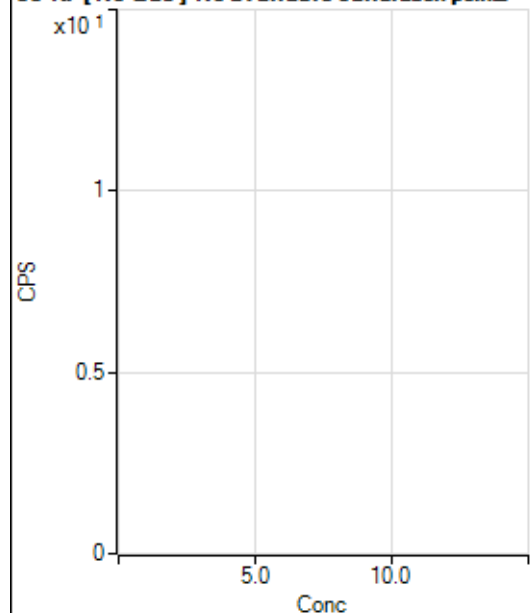
$$y = 1.8182\text{E-}005 * x + 4.5113\text{E-}005$$

$$R = 0.9999$$

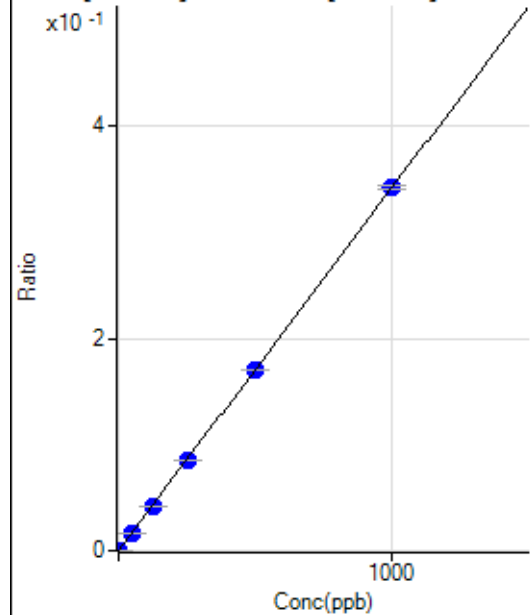
$$DL = 0.972$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			210.00		P	5.5
2	☐						
3	☐			194.45		P	20.5
4	☐			184.45		P	9.3
5	☐			148.89		P	12.3
6	☐			153.34		P	30.2
7	☐			133.34		P	9.0
8	☐			156.67		P	9.3
9	☐			193.34		P	6.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	302.79	0.0000	P	16.0
2	☐	0.100					
3	☐	1.000	0.944	2758.72	0.0004	P	3.8
4	☐	50.000	49.832	125683.74	0.0170	P	0.8
5	☐	125.000	123.185	297795.50	0.0421	P	0.4
6	☐	250.000	249.283	551929.16	0.0851	P	1.1
7	☐	500.000	498.374	1059515.65	0.1701	P	0.8
8	☐	1000.000	1001.228	2071412.05	0.3416	P	1.0
9	☐			8338.84	0.0013	P	0.6

$$y = 3.4115\text{E-}004 * x + 3.9492\text{E-}005$$

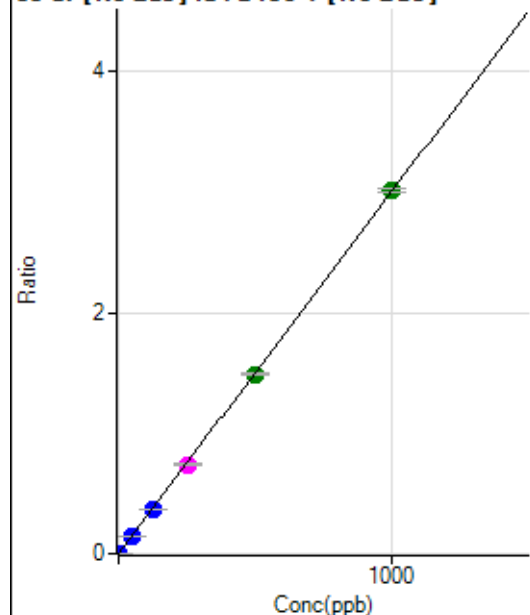
$$R = 1.0000$$

$$DL = 0.05556$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	80.56	0.0000	P	31.0
2	☐	0.100					
3	☐	1.000	0.927	21319.28	0.0028	P	0.2
4	☐	50.000	49.693	1100491.17	0.1492	P	0.8
5	☐	125.000	122.391	2601468.53	0.3675	P	0.3
6	☐	250.000	246.242	4795798.24	0.7393	M	0.9
7	☐	500.000	496.184	9281201.16	1.4897	A	0.4
8	☐	1000.000	1003.189	18262912.56	3.0119	A	1.1
9	☐			72859.90	0.0117	P	2.3

$$y = 0.0030 * x + 1.0495E-005$$

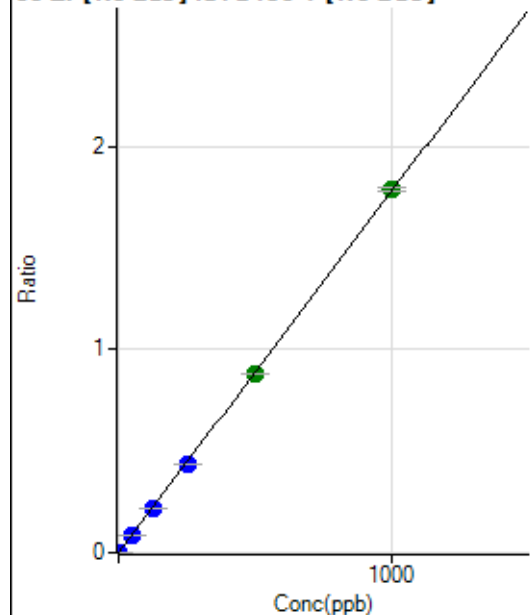
$$R = 1.0000$$

$$DL = 0.00325$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	594.49	0.0001	P	14.7
2	☐	0.100					
3	☐	1.000	0.849	12111.12	0.0016	P	2.2
4	☐	50.000	49.348	648227.38	0.0879	P	1.3
5	☐	125.000	122.164	1539473.02	0.2175	P	0.3
6	☐	250.000	245.429	2833377.17	0.4368	P	0.4
7	☐	500.000	495.153	5489751.47	0.8811	A	0.4
8	☐	1000.000	1003.953	10832585.83	1.7865	A	1.2
9	☐			3055.99	0.0005	P	9.5

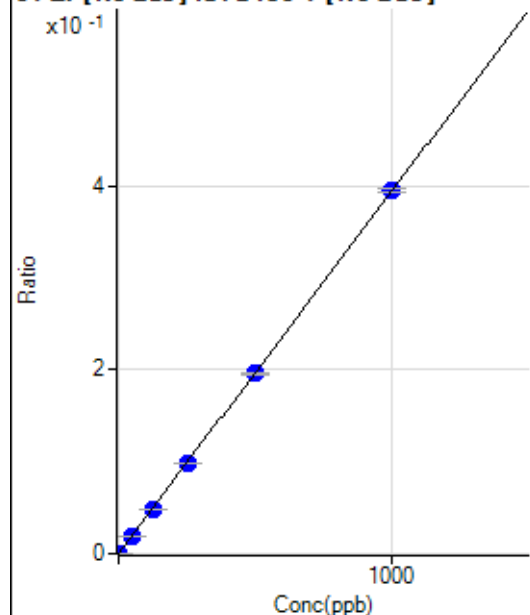
$$y = 0.0018 * x + 7.7580E-005$$

$$R = 1.0000$$

$$DL = 0.01927$$

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	108.34	0.0000	P	30.2
2	☐	0.100					
3	☐	1.000	0.946	2953.21	0.0004	P	4.2
4	☐	50.000	49.847	145019.91	0.0197	P	0.7
5	☐	125.000	123.426	344516.00	0.0487	P	0.4
6	☐	250.000	249.175	637206.22	0.0982	P	0.9
7	☐	500.000	496.932	1220413.06	0.1959	P	0.5
8	☐	1000.000	1001.945	2394815.57	0.3949	P	0.9
9	☐			741.72	0.0001	P	17.1

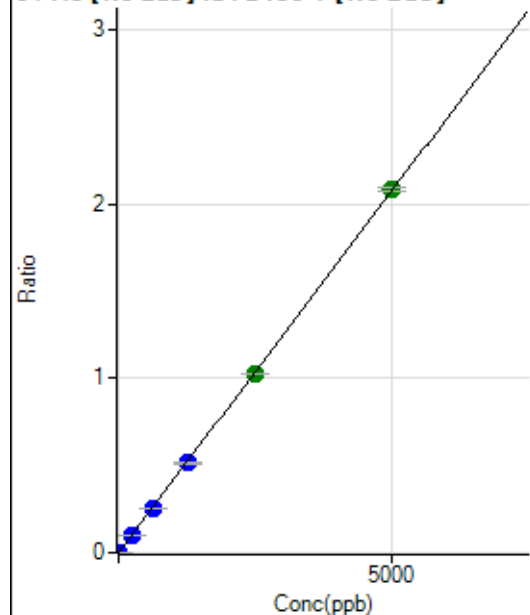
$$y = 3.9416\text{E-}004 * x + 1.4114\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.03242$$

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	255.57	0.0000	P	13.2
2	☐	0.500					
3	☐	5.000	4.632	14922.20	0.0020	P	3.7
4	☐	250.000	249.884	765337.60	0.1038	P	0.2
5	☐	625.000	615.774	1809860.74	0.2556	P	0.3
6	☐	1250.000	1238.471	3335059.49	0.5141	P	0.6
7	☐	2500.000	2471.594	6392324.36	1.0260	A	0.4
8	☐	5000.000	5018.245	12631668.08	2.0831	A	0.9
9	☐			6146.03	0.0010	P	5.9

$$y = 4.1511\text{E-}004 * x + 3.3340\text{E-}005$$

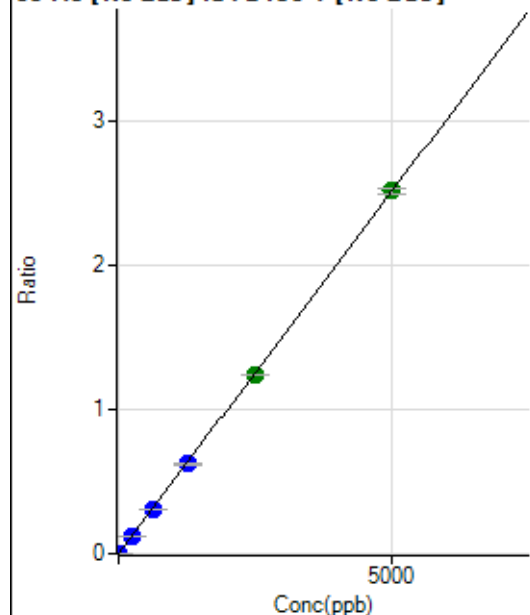
$$R = 1.0000$$

$$DL = 0.0319$$

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	30.56	0.0000	P	30.9
2	☐	0.500					
3	☐	5.000	4.824	18490.33	0.0024	P	1.3
4	☐	250.000	249.608	923690.02	0.1252	P	0.4
5	☐	625.000	617.767	2194210.88	0.3099	P	0.6
6	☐	1250.000	1240.178	4036108.43	0.6222	P	0.7
7	☐	2500.000	2474.979	7736056.34	1.2417	A	0.4
8	☐	5000.000	5015.890	15258703.64	2.5164	A	1.3
9	☐			9303.42	0.0015	P	8.6

$$y = 5.0169\text{E-}004 * x + 3.9817\text{E-}006$$

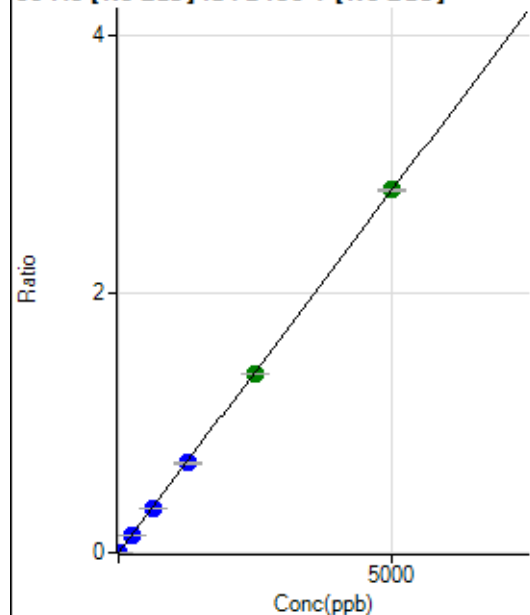
$$R = 1.0000$$

$$DL = 0.007359$$

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	77.78	0.0000	P	16.5
2	☐	0.500					
3	☐	5.000	4.921	21069.02	0.0028	P	0.4
4	☐	250.000	249.349	1028571.72	0.1395	P	0.6
5	☐	625.000	615.350	2436287.38	0.3441	P	0.3
6	☐	1250.000	1237.992	4491039.86	0.6923	P	0.7
7	☐	2500.000	2478.017	8633763.04	1.3858	A	0.3
8	☐	5000.000	5015.232	17006744.13	2.8046	A	0.8
9	☐			12353.03	0.0020	P	5.2

$$y = 5.5922\text{E-}004 * x + 1.0148\text{E-}005$$

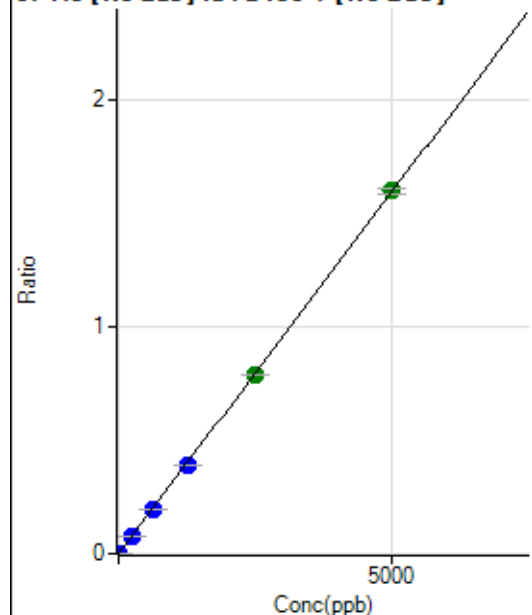
$$R = 1.0000$$

$$DL = 0.00898$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	27.78	0.0000	P	69.9
2	☐	0.500					
3	☐	5.000	4.796	11663.65	0.0015	P	0.7
4	☐	250.000	245.899	576904.24	0.0782	P	0.3
5	☐	625.000	610.029	1373661.21	0.1940	P	0.4
6	☐	1250.000	1226.917	2531427.58	0.3902	P	0.6
7	☐	2500.000	2475.935	4906287.74	0.7875	A	0.8
8	☐	5000.000	5019.880	9681177.91	1.5966	A	1.4
9	☐			5509.60	0.0009	P	4.0

$$y = 3.1806\text{E-}004 * x + 3.6335\text{E-}006$$

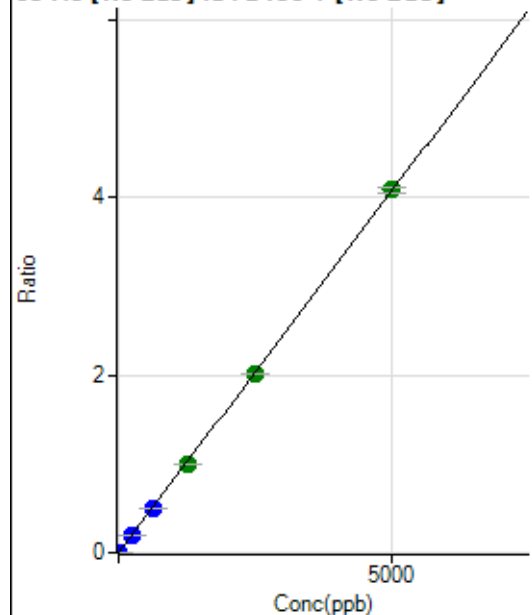
$$R = 1.0000$$

$$DL = 0.02395$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	55.56	0.0000	P	22.6
2	☐	0.500					
3	☐	5.000	4.858	30193.93	0.0040	P	0.5
4	☐	250.000	247.939	1487317.78	0.2016	P	0.9
5	☐	625.000	615.043	3541208.63	0.5002	P	0.3
6	☐	1250.000	1228.269	6479799.36	0.9989	A	0.6
7	☐	2500.000	2473.636	12533572.42	2.0117	A	0.5
8	☐	5000.000	5019.963	24754793.44	4.0826	A	1.4
9	☐			13659.83	0.0022	P	2.8

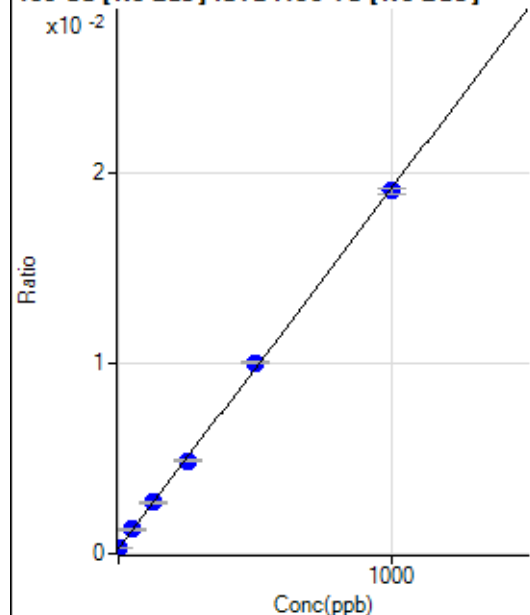
$$y = 8.1326\text{E-}004 * x + 7.2427\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.006027$$

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	2780.94	0.0003	P	4.9
2	☐	0.100					
3	☐	1.000	0.938	2969.88	0.0003	P	1.1
4	☐	50.000	53.092	13287.28	0.0013	P	1.5
5	☐	125.000	128.216	27928.35	0.0027	P	1.5
6	☐	250.000	243.779	48400.27	0.0049	P	1.7
7	☐	500.000	516.244	98266.72	0.0100	P	0.6
8	☐	1000.000	992.877	182538.27	0.0190	P	1.6
9	☐			2141.93	0.0002	P	9.1

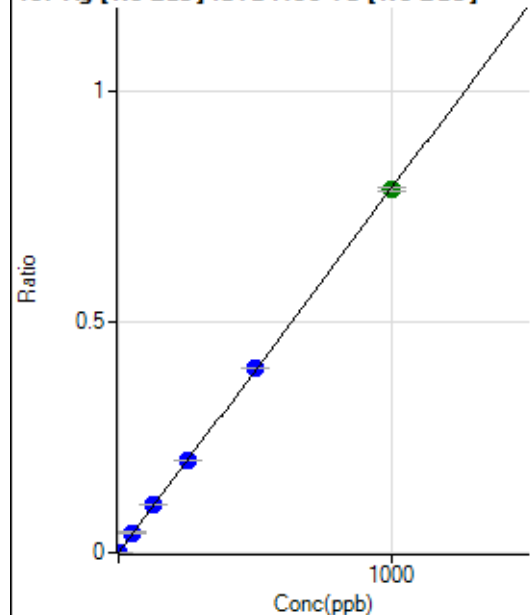
$$y = 1.8920\text{E-}005 * x + 2.5940\text{E-}004$$

$$R = 0.9998$$

$$DL = 2.016$$

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	97.23	0.0000	P	17.1
2	☐	0.100					
3	☐	1.000	0.899	7710.74	0.0007	P	5.8
4	☐	50.000	55.109	457923.20	0.0436	P	1.3
5	☐	125.000	131.639	1082062.91	0.1040	P	1.2
6	☐	250.000	251.444	1974233.61	0.1987	P	0.3
7	☐	500.000	505.744	3917011.59	0.3997	P	0.5
8	☐	1000.000	995.682	7542043.31	0.7868	A	1.0
9	☐			597.26	0.0001	P	8.6

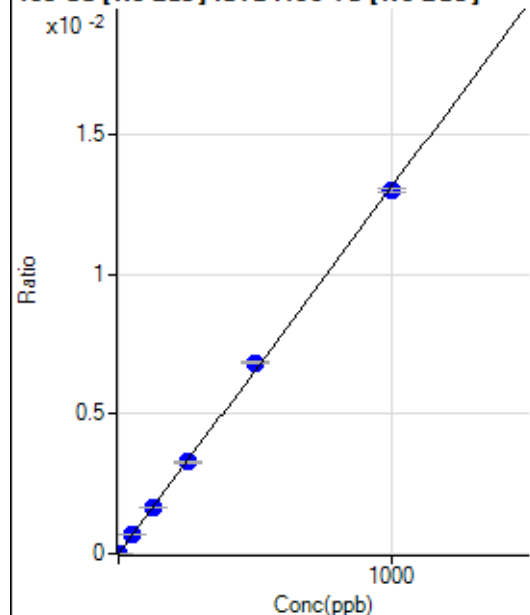
$$y = 7.9025\text{E-}004 * x + 9.0628\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.005878$$

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	8.33	0.0000	P	0.8
2	☐	0.100					
3	☐	1.000	1.116	165.28	0.0000	P	7.2
4	☐	50.000	53.944	7447.94	0.0007	P	1.1
5	☐	125.000	127.307	17378.94	0.0017	P	1.0
6	☐	250.000	249.722	32555.75	0.0033	P	1.1
7	☐	500.000	520.609	66944.98	0.0068	P	0.5
8	☐	1000.000	989.280	124406.56	0.0130	P	1.0
9	☐			36.11	0.0000	P	5.3

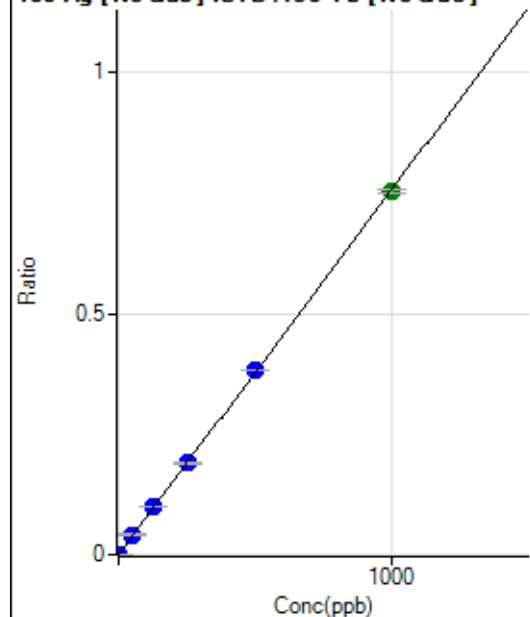
$$y = 1.3119\text{E-}005 * x + 7.7716\text{E-}007$$

$$R = 0.9997$$

$$DL = 0.001502$$

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	50.00	0.0000	P	43.5
2	☐	0.100					
3	☐	1.000	0.939	7663.50	0.0007	P	2.5
4	☐	50.000	55.304	439941.03	0.0418	P	0.9
5	☐	125.000	131.502	1034869.34	0.0995	P	0.4
6	☐	250.000	251.772	1892574.41	0.1905	P	1.2
7	☐	500.000	506.993	3759427.17	0.3836	P	0.5
8	☐	1000.000	994.983	7215700.25	0.7528	A	1.2
9	☐			430.58	0.0000	P	24.4

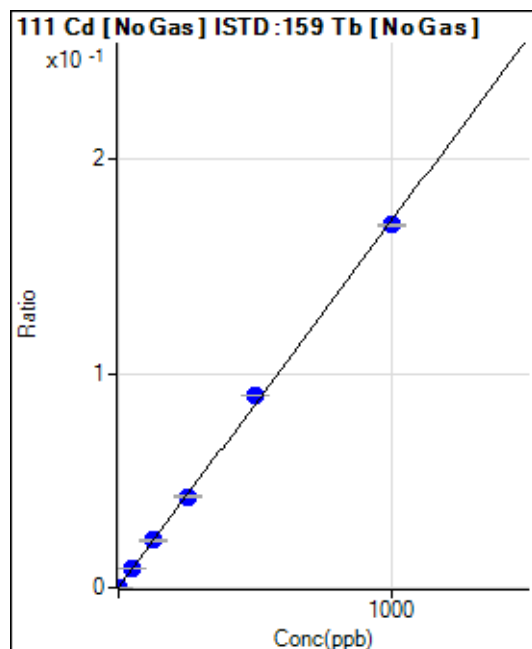
$$y = 7.5660\text{E-}004 * x + 4.6579\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.008026$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1390.20	0.0001	P	4.8
2	☐	0.100					
3	☐	1.000	0.996	3216.62	0.0003	P	2.2
4	☐	50.000	52.919	96635.43	0.0092	P	1.5
5	☐	125.000	127.982	229309.88	0.0220	P	0.7
6	☐	250.000	247.453	422313.79	0.0425	P	1.1
7	☐	500.000	522.647	878487.76	0.0896	P	0.5
8	☐	1000.000	988.794	1624377.83	0.1695	P	0.8
9	☐			1283.20	0.0001	P	9.5

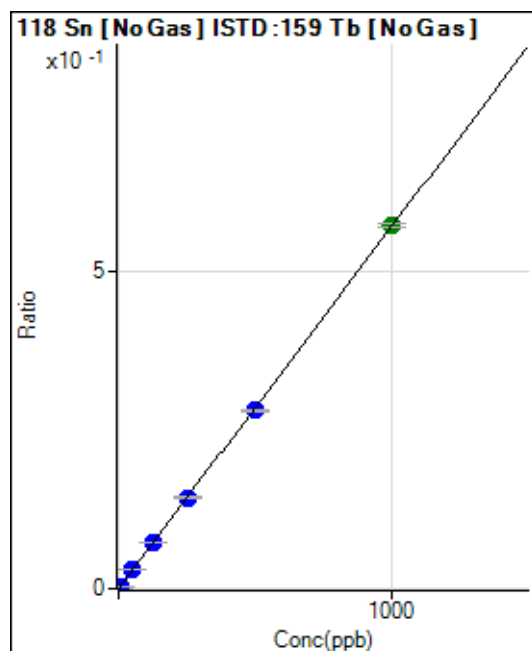
$$y = 1.7126\text{E-}004 * x + 1.2968\text{E-}004$$

$$R = 0.9996$$

$$DL = 0.1084$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	705.60	0.0001	P	13.1
2	☐	0.500					
3	☐	5.000	5.118	32054.20	0.0030	P	0.7
4	☐	50.000	52.906	318623.93	0.0303	P	1.9
5	☐	125.000	128.858	766816.88	0.0737	P	0.7
6	☐	250.000	252.221	1433092.05	0.1442	P	1.0
7	☐	500.000	492.272	2758529.69	0.2815	P	0.7
8	☐	1000.000	1002.680	5494519.18	0.5732	A	1.2
9	☐			4059.10	0.0004	P	6.0

$$y = 5.7164\text{E-}004 * x + 6.5836\text{E-}005$$

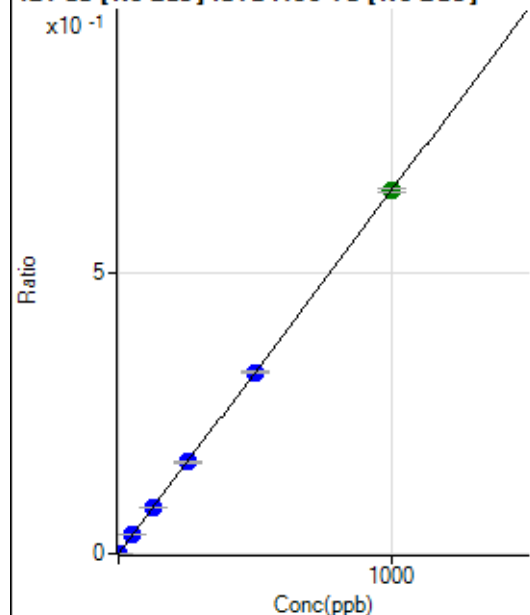
$$R = 0.9999$$

$$DL = 0.04533$$

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	19.45	0.0000	P	24.0
2	☐	0.200					
3	☐	2.000	1.925	13401.39	0.0013	P	2.2
4	☐	50.000	52.590	358638.98	0.0341	P	0.9
5	☐	125.000	128.860	869371.71	0.0836	P	0.9
6	☐	250.000	252.647	1628178.89	0.1639	P	1.0
7	☐	500.000	499.171	3173243.91	0.3238	P	1.0
8	☐	1000.000	999.141	6212074.10	0.6481	A	1.0
9	☐			7935.93	0.0008	P	2.4

$$y = 6.4865E-004 * x + 1.8124E-006$$

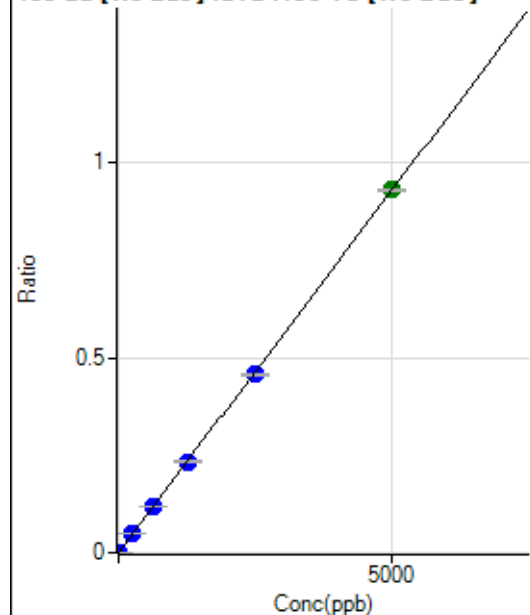
$$R = 1.0000$$

$$DL = 0.002016$$

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	25.00	0.0000	P	67.3
2	☐	1.000					
3	☐	10.000	9.867	19625.75	0.0018	P	2.9
4	☐	250.000	259.649	506057.88	0.0481	P	1.2
5	☐	625.000	635.761	1225884.19	0.1179	P	0.6
6	☐	1250.000	1259.167	2319206.11	0.2334	P	0.7
7	☐	2500.000	2464.686	4478038.77	0.4569	P	0.9
8	☐	5000.000	5013.538	8908996.81	0.9294	A	0.8
9	☐			1166.76	0.0001	P	11.8

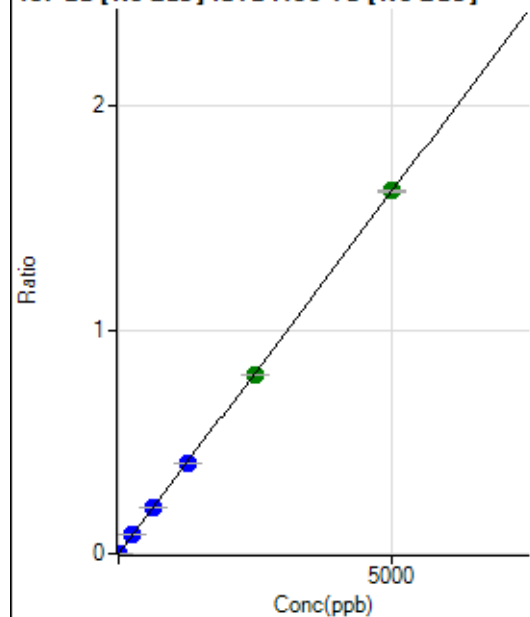
$$y = 1.8539E-004 * x + 2.3383E-006$$

$$R = 1.0000$$

$$DL = 0.02547$$

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	41.67	0.0000	P	39.3
2	☐	1.000					
3	☐	10.000	9.954	34538.52	0.0032	P	0.3
4	☐	250.000	258.857	880161.11	0.0837	P	1.0
5	☐	625.000	633.884	2132298.14	0.2050	P	0.5
6	☐	1250.000	1249.922	4016269.14	0.4043	P	0.6
7	☐	2500.000	2475.476	7846462.42	0.8006	A	0.5
8	☐	5000.000	5010.728	15533582.81	1.6206	A	0.8
9	☐			2264.16	0.0002	P	14.5

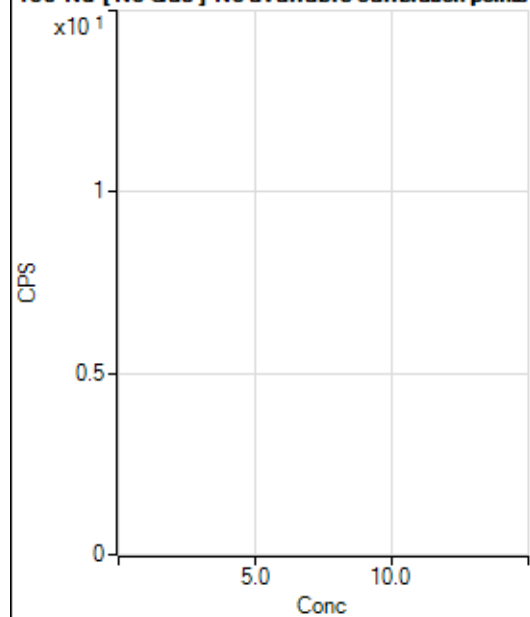
$$y = 3.2342\text{E-}004 * x + 3.8791\text{E-}006$$

$$R = 1.0000$$

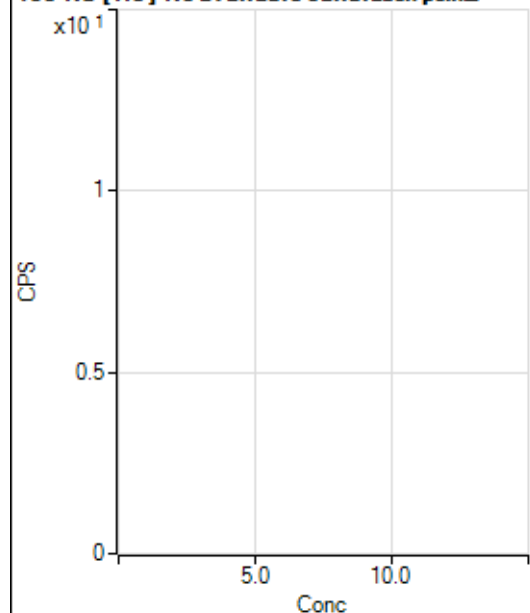
$$DL = 0.01414$$

Weight: <None>

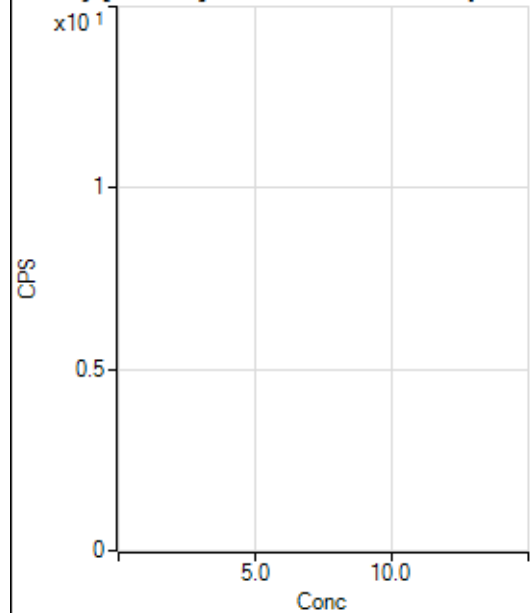
Min Conc: 0

150 Nd [No Gas] No available calibration points

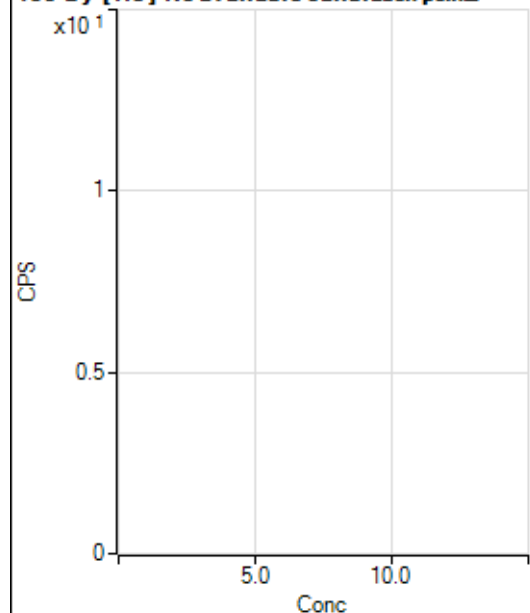
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			8.89		P	114.
4	☐			24.44		P	56.8
5	☐			88.89		P	31.2
6	☐			155.56		P	34.4
7	☐			291.13		P	24.1
8	☐			644.48		P	6.3
9	☐			126.67		P	9.1

150 Nd [He] No available calibration points

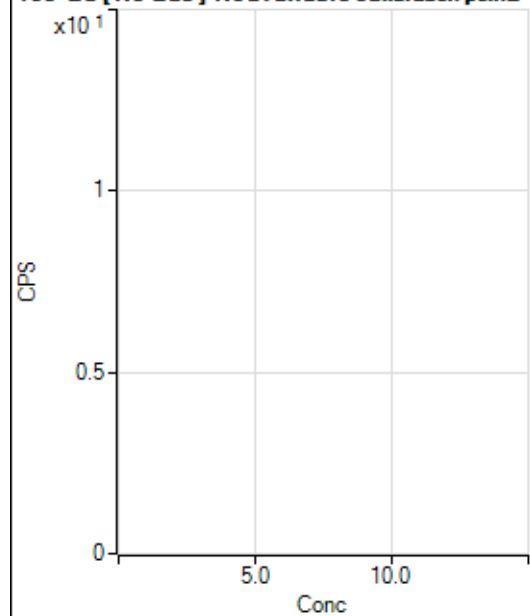
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐						
3	☐			2.22		P	86.6
4	☐			4.44		P	114.
5	☐			8.89		P	57.3
6	☐			25.56		P	32.8
7	☐			43.33		P	15.4
8	☐			70.00		P	12.6
9	☐			63.33		P	21.1

156 Dy [No Gas] No available calibration points

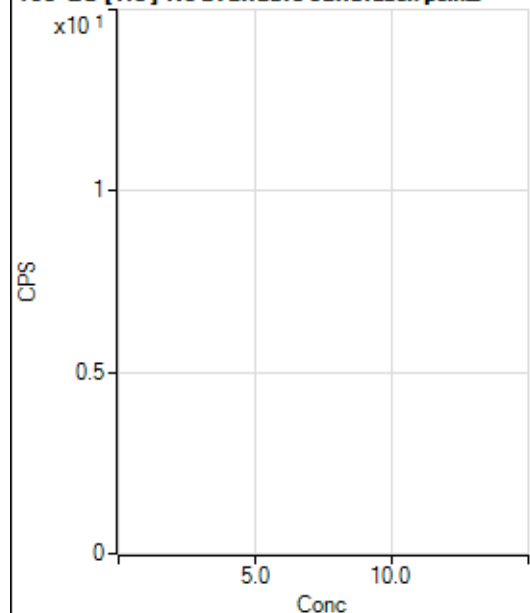
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	173.
2	☐						
3	☐			8.33		P	0.0
4	☐			13.89		P	91.6
5	☐			16.67		P	NaN
6	☐			27.78		P	17.3
7	☐			63.89		P	39.8
8	☐			141.67		P	25.6
9	☐			94.45		P	28.4

156 Dy [He] No available calibration points

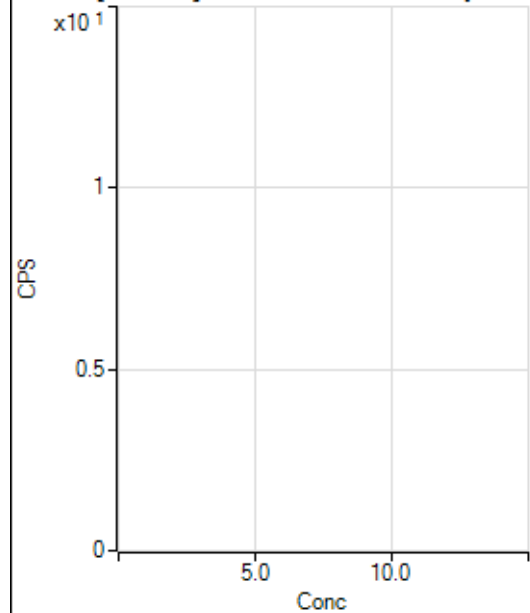
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.
2	☐						
3	☐			6.67		P	50.0
4	☐			13.33		P	25.0
5	☐			32.22		P	26.0
6	☐			47.78		P	42.1
7	☐			84.45		P	25.4
8	☐			173.34		P	7.7
9	☐			54.45		P	28.9

160 Gd [No Gas] Noavailable calibration poin_

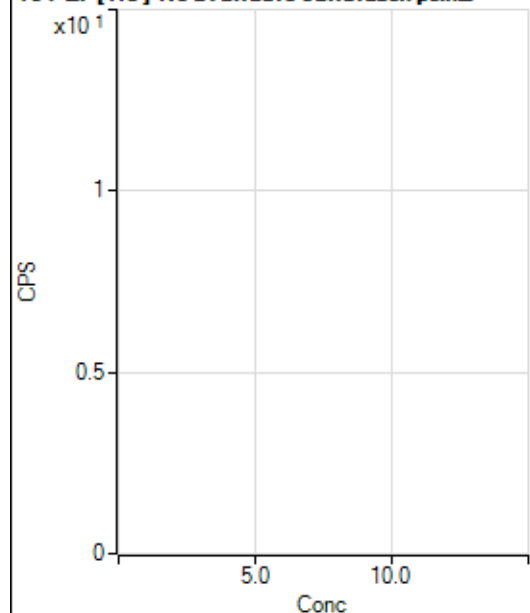
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			30.56		P	63.0
2	☐						
3	☐			27.78		P	17.3
4	☐			30.56		P	15.7
5	☐			36.11		P	70.5
6	☐			27.78		P	17.3
7	☐			33.33		P	25.0
8	☐			72.22		P	40.5
9	☐			77.78		P	6.2

160 Gd [He] No available calibration points

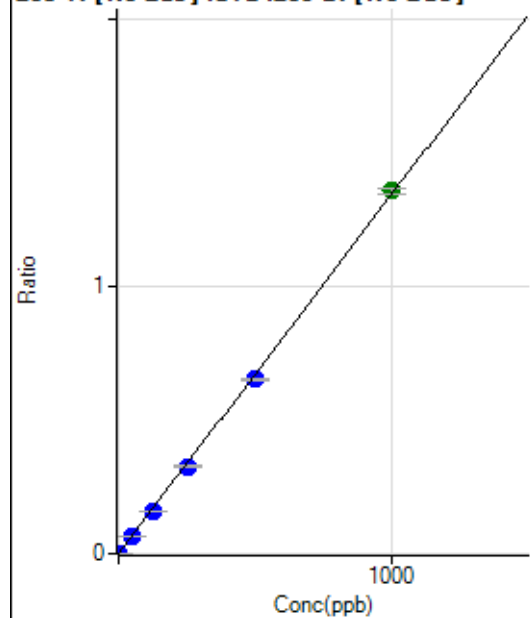
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			140.00		P	16.7
2	☐						
3	☐			153.34		P	8.7
4	☐			147.78		P	18.8
5	☐			136.67		P	22.4
6	☐			148.89		P	4.7
7	☐			141.11		P	19.2
8	☐			138.89		P	11.3
9	☐			138.89		P	6.0

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			27.78		P	62.5
2	☐						
3	☐			16.67		P	NaN
4	☐			36.11		P	74.2
5	☐			38.89		P	53.9
6	☐			55.56		P	37.8
7	☐			44.45		P	60.3
8	☐			61.11		P	15.7
9	☐			55.56		P	31.2

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.33		P	25.0
2	☐						
3	☐			15.55		P	68.9
4	☐			17.78		P	21.7
5	☐			18.89		P	10.2
6	☐			7.78		P	49.5
7	☐			17.78		P	47.2
8	☐			27.78		P	48.5
9	☐			30.00		P	29.4

203 Tl [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	7.3
2	☐	0.100					
3	☐	1.000	0.890	8450.29	0.0012	P	1.7
4	☐	50.000	48.167	446630.25	0.0647	P	1.1
5	☐	125.000	119.864	1107905.75	0.1610	P	0.6
6	☐	250.000	242.370	2168253.98	0.3255	P	1.1
7	☐	500.000	484.777	4251189.63	0.6510	P	0.3
8	☐	1000.000	1010.253	8513262.09	1.3567	A	1.4
9	☐			1786.30	0.0003	P	10.0

$$y = 0.0013 * x + 9.8025E-006$$

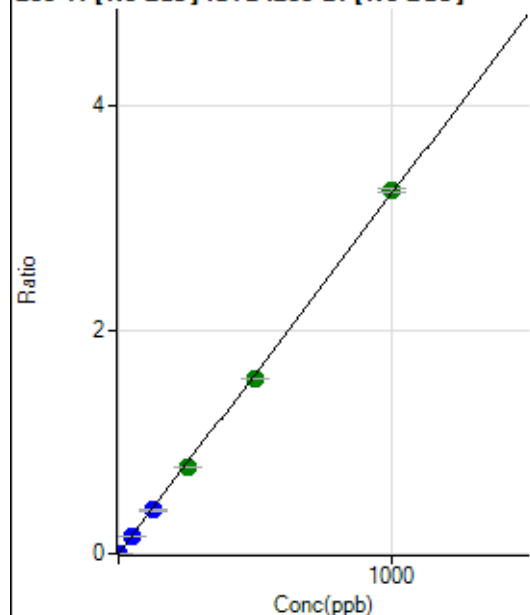
$$R = 0.9998$$

$$DL = 0.001589$$

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	166.68	0.0000	P	13.4
2	☐	0.100					
3	☐	1.000	0.911	20672.46	0.0029	P	1.0
4	☐	50.000	48.442	1074295.41	0.1556	P	1.3
5	☐	125.000	120.309	2659584.04	0.3864	P	0.2
6	☐	250.000	241.571	5168716.70	0.7759	A	0.9
7	☐	500.000	488.522	10246018.89	1.5691	A	0.0
8	☐	1000.000	1008.511	20326358.10	3.2392	A	1.0
9	☐			4353.69	0.0008	P	14.3

$$y = 0.0032 * x + 2.3527E-005$$

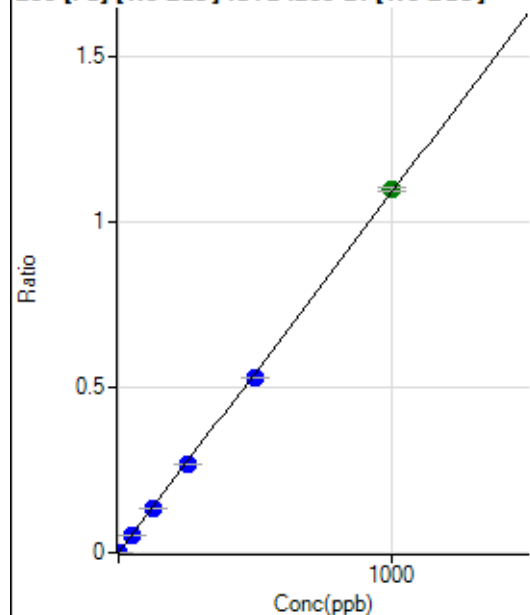
$$R = 0.9999$$

$$DL = 0.002941$$

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	172.23	0.0000	P	14.4
2	☐	0.100					
3	☐	1.000	0.894	6985.38	0.0010	P	5.4
4	☐	50.000	49.055	368505.66	0.0534	P	1.3
5	☐	125.000	121.770	911668.62	0.1325	P	0.3
6	☐	250.000	244.762	1773527.73	0.2662	P	0.6
7	☐	500.000	487.585	3463075.80	0.5303	P	0.2
8	☐	1000.000	1007.968	6879572.43	1.0963	A	1.0
9	☐			6536.97	0.0012	P	1.9

$$y = 0.0011 * x + 2.4297E-005$$

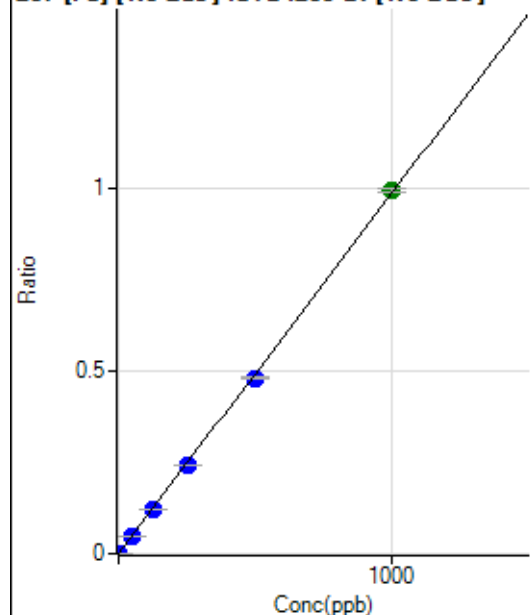
$$R = 0.9999$$

$$DL = 0.009618$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	148.15	0.0000	P	12.1
2	☐	0.100					
3	☐	1.000	0.859	6084.91	0.0009	P	3.3
4	☐	50.000	48.602	331109.23	0.0480	P	1.2
5	☐	125.000	120.557	818545.53	0.1189	P	0.4
6	☐	250.000	244.822	1608786.94	0.2415	P	0.6
7	☐	500.000	488.154	3144325.91	0.4815	P	0.4
8	☐	1000.000	1007.843	6238261.02	0.9941	A	1.1
9	☐			5447.57	0.0010	P	2.9

$$y = 9.8637\text{E-}004 * x + 2.0909\text{E-}005$$

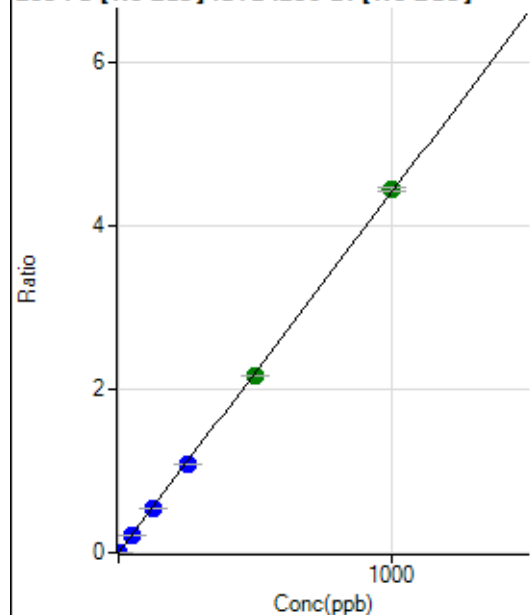
$$R = 0.9999$$

$$DL = 0.007671$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	670.40	0.0001	P	7.0
2	☐	0.100					
3	☐	1.000	0.898	28461.05	0.0041	P	2.2
4	☐	50.000	48.758	1486985.78	0.2154	P	1.2
5	☐	125.000	120.991	3677498.06	0.5343	P	0.3
6	☐	250.000	245.190	7212718.37	1.0827	P	0.4
7	☐	500.000	489.647	14118862.29	2.1622	A	0.4
8	☐	1000.000	1006.943	27901329.27	4.4463	A	1.1
9	☐			25786.47	0.0046	P	3.9

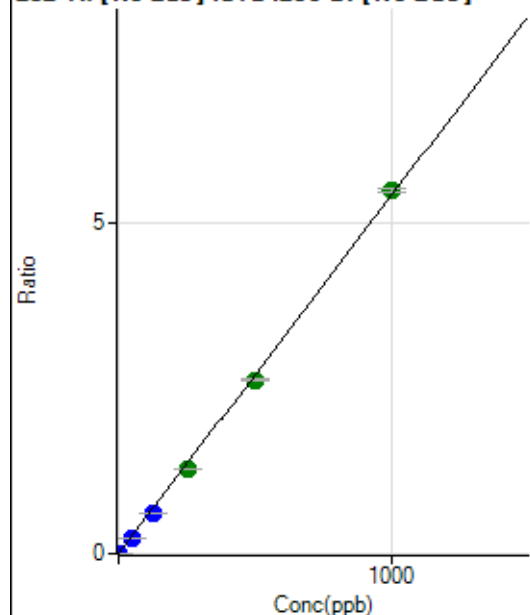
$$y = 0.0044 * x + 9.4596\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.004516$$

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	85.19	0.0000	P	25.9
2	☐	0.100					
3	☐	1.000	0.794	30263.28	0.0043	P	0.7
4	☐	50.000	45.218	1692106.24	0.2451	P	0.8
5	☐	125.000	113.980	4251793.99	0.6178	P	0.1
6	☐	250.000	237.175	8563270.10	1.2855	A	0.5
7	☐	500.000	484.553	17149581.52	2.6263	A	0.6
8	☐	1000.000	1012.546	34438347.06	5.4880	A	1.0
9	☐			5582.85	0.0010	P	15.2

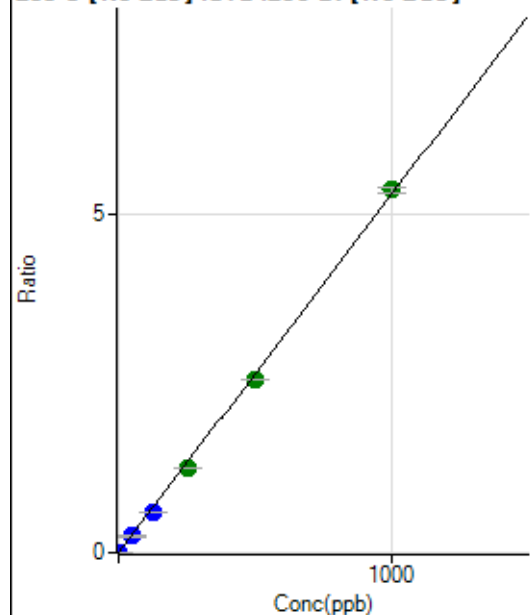
$$y = 0.0054 * x + 1.2014E-005$$

$$R = 0.9997$$

$$DL = 0.001723$$

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	63.89	0.0000	P	45.8
2	☐	0.100					
3	☐	1.000	0.817	30319.59	0.0043	P	1.2
4	☐	50.000	45.662	1666271.58	0.2414	P	1.0
5	☐	125.000	114.847	4177850.09	0.6070	P	0.6
6	☐	250.000	236.710	8334408.17	1.2511	A	0.4
7	☐	500.000	483.757	16696715.48	2.5569	A	0.4
8	☐	1000.000	1012.930	33594580.26	5.3539	A	1.7
9	☐			2158.61	0.0004	P	9.2

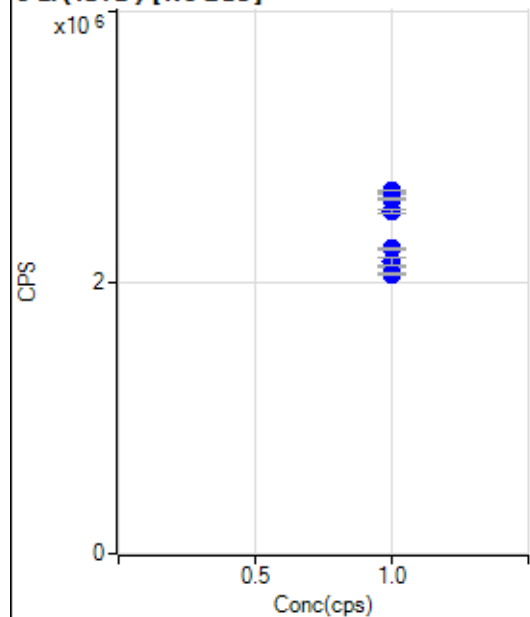
$$y = 0.0053 * x + 9.0123E-006$$

$$R = 0.9997$$

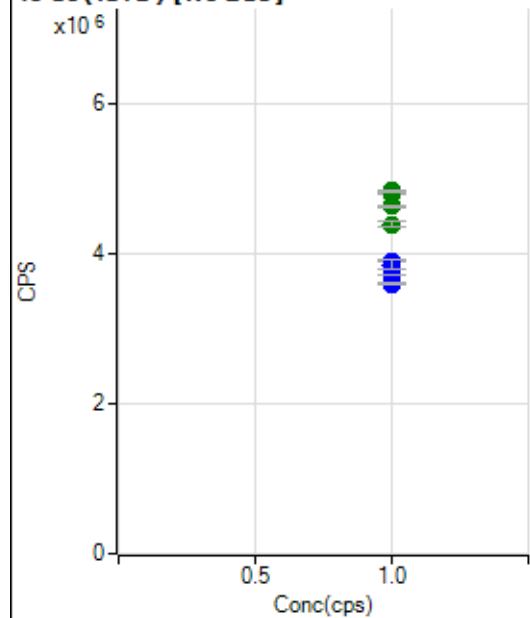
$$DL = 0.002342$$

Weight: <None>

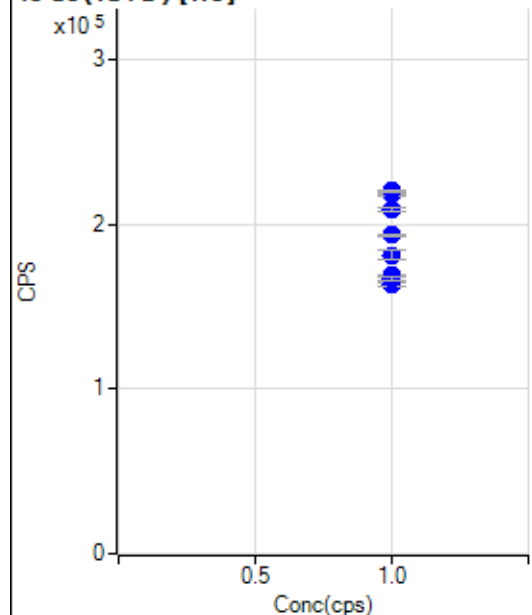
Min Conc: 0

6 Li (ISTD) [No Gas]

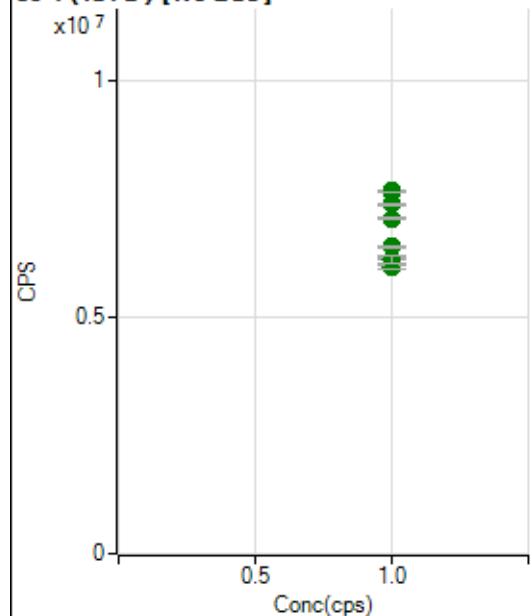
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2659103.99		P	0.5
2	☐	1.000					
3	☐	1.000		2676393.67		P	0.1
4	☐	1.000		2617065.74		P	0.4
5	☐	1.000		2519659.08		P	1.0
6	☐	1.000		2251011.20		P	0.7
7	☐	1.000		2122952.49		P	0.2
8	☐	1.000		2062905.78		P	0.6
9	☐	1.000		2154683.74		P	2.9

45 Sc (ISTD) [No Gas]

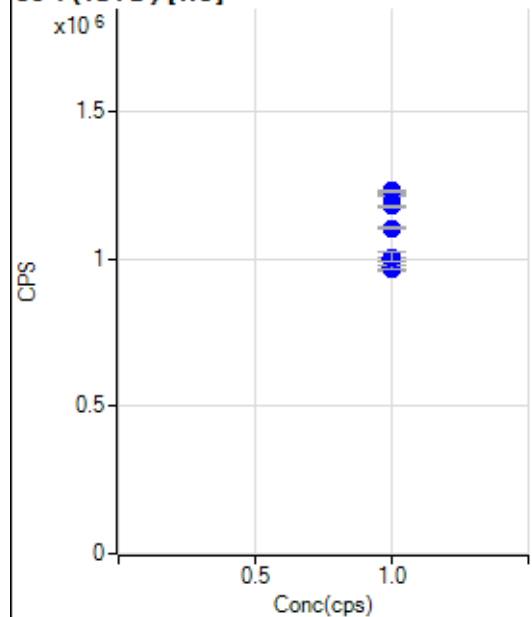
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4806493.47		A	0.2
2	☐	1.000					
3	☐	1.000		4837809.53		A	0.4
4	☐	1.000		4634245.37		A	0.4
5	☐	1.000		4393890.68		A	1.4
6	☐	1.000		3905392.88		P	0.2
7	☐	1.000		3712651.30		P	0.1
8	☐	1.000		3592053.86		P	0.8
9	☐	1.000		3856020.31		P	2.9

45 Sc (ISTD) [He]

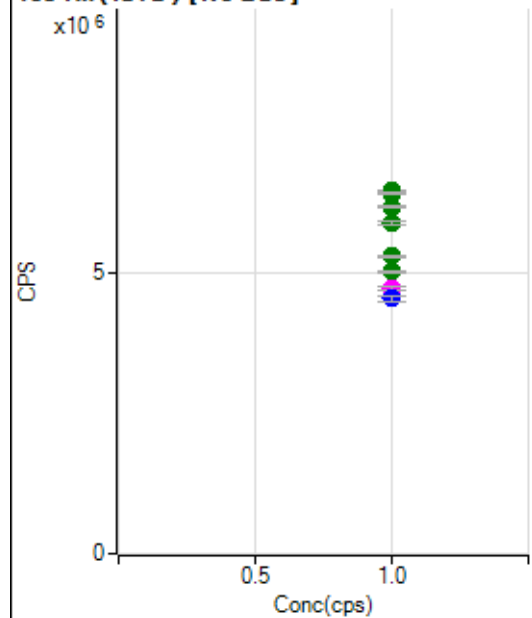
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		217936.06		P	0.9
2	☐	1.000					
3	☐	1.000		220378.67		P	0.3
4	☐	1.000		208713.84		P	1.0
5	☐	1.000		193425.75		P	0.4
6	☐	1.000		169552.93		P	0.3
7	☐	1.000		163508.43		P	0.9
8	☐	1.000		167211.30		P	1.9
9	☐	1.000		181296.73		P	3.0

89 Y (ISTD) [No Gas]

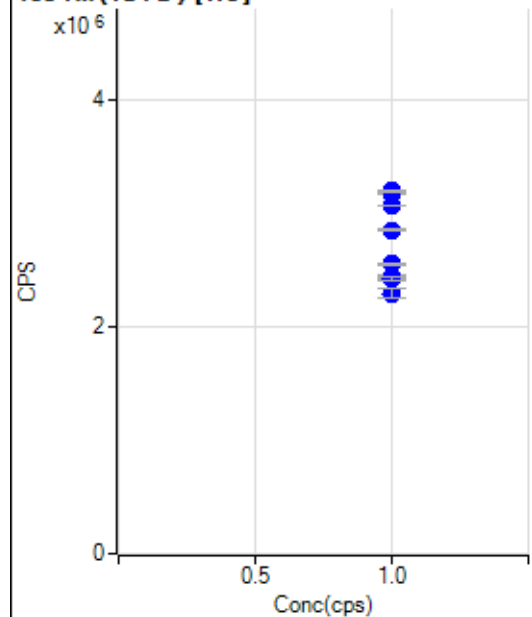
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7666057.04		A	0.6
2	☐	1.000					
3	☐	1.000		7627978.01		A	0.2
4	☐	1.000		7375961.21		A	0.5
5	☐	1.000		7079623.44		A	0.6
6	☐	1.000		6486816.71		A	0.4
7	☐	1.000		6230373.45		A	0.5
8	☐	1.000		6064190.81		A	1.2
9	☐	1.000		6208409.49		A	2.4

89 Y(ISTD) [He]

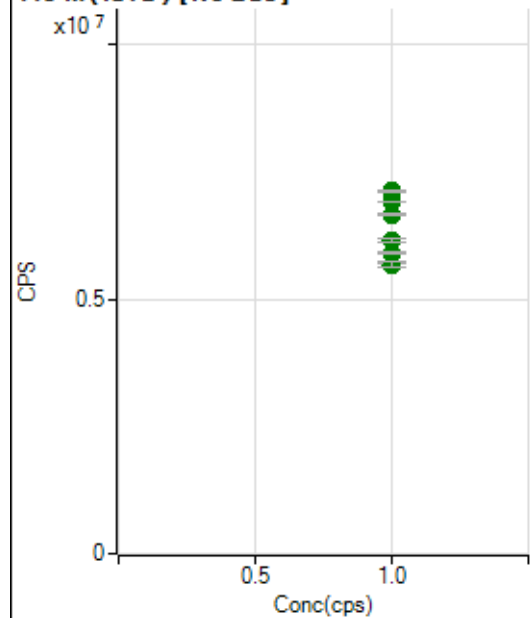
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1218524.55		P	0.8
2	☐	1.000					
3	☐	1.000		1233079.07		P	0.5
4	☐	1.000		1181114.96		P	0.5
5	☐	1.000		1105224.82		P	0.6
6	☐	1.000		999099.68		P	1.1
7	☐	1.000		964898.51		P	0.8
8	☐	1.000		975471.25		P	1.6
9	☐	1.000		1008691.87		P	3.6

103 Rh(ISTD) [No Gas]

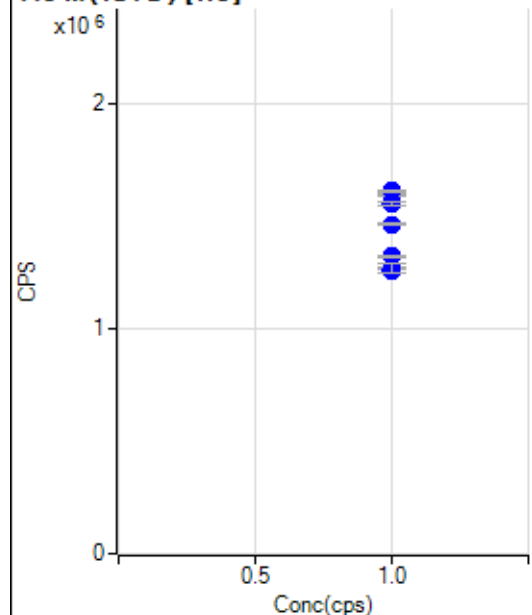
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6442796.54		A	0.7
2	☐	1.000					
3	☐	1.000		6400547.89		A	0.6
4	☐	1.000		6157795.49		A	0.2
5	☐	1.000		5867496.92		A	1.0
6	☐	1.000		5279513.23		A	0.7
7	☐	1.000		5015330.45		A	0.5
8	☐	1.000		4711628.80		M	0.9
9	☐	1.000		4529801.66		P	1.9

103 Rh (ISTD) [He]

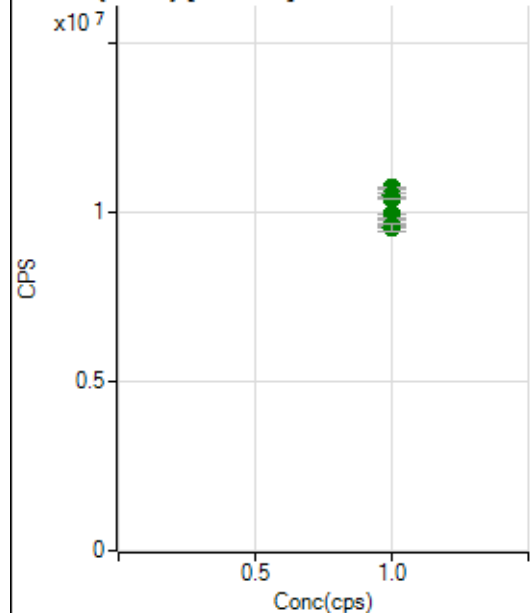
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3170313.15		P	0.4
2	☐	1.000					
3	☐	1.000		3195223.88		P	0.7
4	☐	1.000		3067852.90		P	0.3
5	☐	1.000		2849300.51		P	0.4
6	☐	1.000		2552263.63		P	0.7
7	☐	1.000		2444475.83		P	1.2
8	☐	1.000		2415980.33		P	1.6
9	☐	1.000		2291878.70		P	3.7

115 In (ISTD) [No Gas]

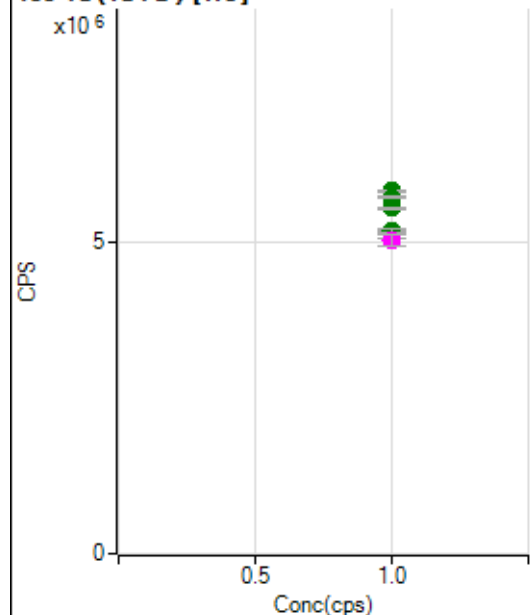
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7125647.36		A	0.4
2	☐	1.000					
3	☐	1.000		7118885.19		A	0.3
4	☐	1.000		6918205.92		A	0.3
5	☐	1.000		6660089.52		A	0.5
6	☐	1.000		6157719.92		A	0.8
7	☐	1.000		5906028.16		A	0.3
8	☐	1.000		5670203.42		A	0.9
9	☐	1.000		5678212.53		A	2.4

115 In (ISTD) [He]

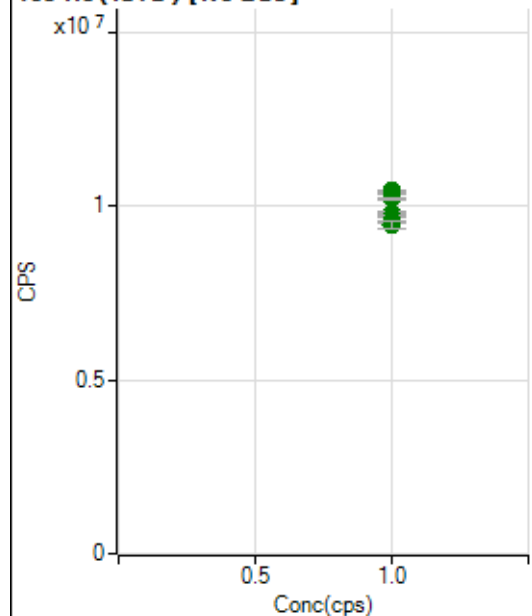
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1597568.12		P	0.7
2	☐	1.000					
3	☐	1.000		1615557.47		P	0.3
4	☐	1.000		1561424.45		P	1.0
5	☐	1.000		1465026.88		P	0.6
6	☐	1.000		1326632.90		P	0.6
7	☐	1.000		1268603.78		P	0.8
8	☐	1.000		1257270.38		P	1.7
9	☐	1.000		1269873.11		P	3.5

159 Tb (ISTD) [No Gas]

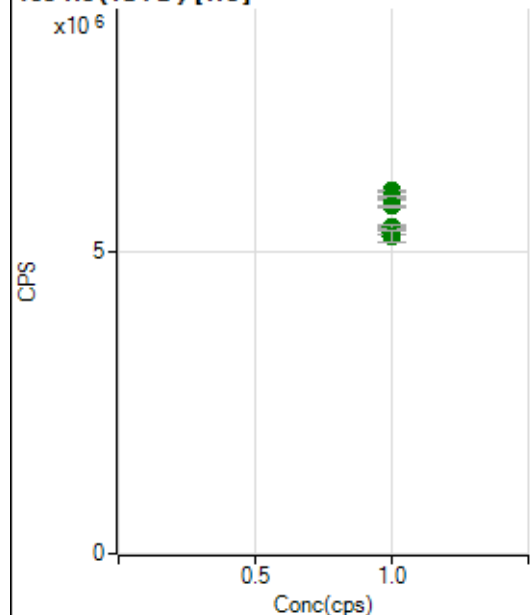
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10719076.92		A	0.8
2	☐	1.000					
3	☐	1.000		10715764.84		A	0.3
4	☐	1.000		10513240.33		A	0.7
5	☐	1.000		10400813.11		A	0.1
6	☐	1.000		9935132.21		A	0.1
7	☐	1.000		9800741.10		A	0.6
8	☐	1.000		9585678.12		A	0.9
9	☐	1.000		9538245.00		A	2.1

159 Tb (ISTD) [He]

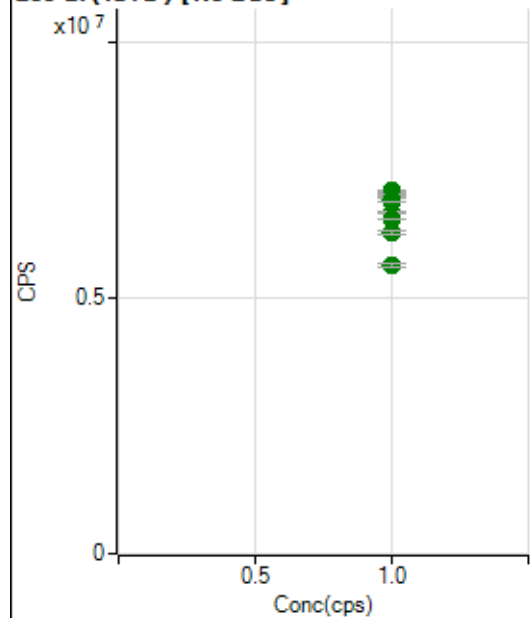
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5722743.46		A	0.2
2	☐	1.000					
3	☐	1.000		5828445.05		A	0.5
4	☐	1.000		5720826.37		A	0.6
5	☐	1.000		5551757.14		A	0.6
6	☐	1.000		5188859.26		A	0.2
7	☐	1.000		5115774.92		A	1.4
8	☐	1.000		5197066.69		A	1.2
9	☐	1.000		5046159.27		M	3.8

165 Ho (ISTD) [No Gas]

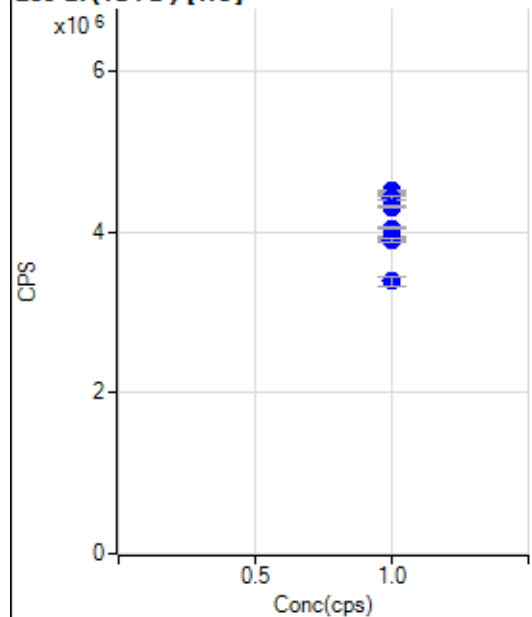
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10442859.61		A	0.8
2	☐	1.000					
3	☐	1.000		10362252.40		A	0.3
4	☐	1.000		10234587.90		A	0.5
5	☐	1.000		10220348.58		A	0.5
6	☐	1.000		9821494.92		A	0.6
7	☐	1.000		9701703.43		A	0.5
8	☐	1.000		9550799.78		A	0.9
9	☐	1.000		9468413.75		A	2.1

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5864460.12		A	0.5
2	☐	1.000					
3	☐	1.000		5993416.02		A	0.5
4	☐	1.000		5904494.29		A	0.6
5	☐	1.000		5739059.36		A	0.6
6	☐	1.000		5389107.49		A	0.4
7	☐	1.000		5300787.39		A	1.2
8	☐	1.000		5398407.63		A	1.1
9	☐	1.000		5249791.97		A	3.5

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7085672.46		A	0.4
2	☐	1.000					
3	☐	1.000		7009795.66		A	0.4
4	☐	1.000		6904177.12		A	0.8
5	☐	1.000		6882340.31		A	0.1
6	☐	1.000		6661499.90		A	0.4
7	☐	1.000		6530002.05		A	0.2
8	☐	1.000		6275686.37		A	1.2
9	☐	1.000		5629575.19		A	1.4

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4459597.50		P	0.7
2	☐	1.000					
3	☐	1.000		4518683.13		P	0.8
4	☐	1.000		4431253.83		P	0.8
5	☐	1.000		4318035.91		P	0.5
6	☐	1.000		4051822.16		P	0.4
7	☐	1.000		3924834.94		P	1.3
8	☐	1.000		3899628.90		P	1.6
9	☐	1.000		3393660.26		P	3.3

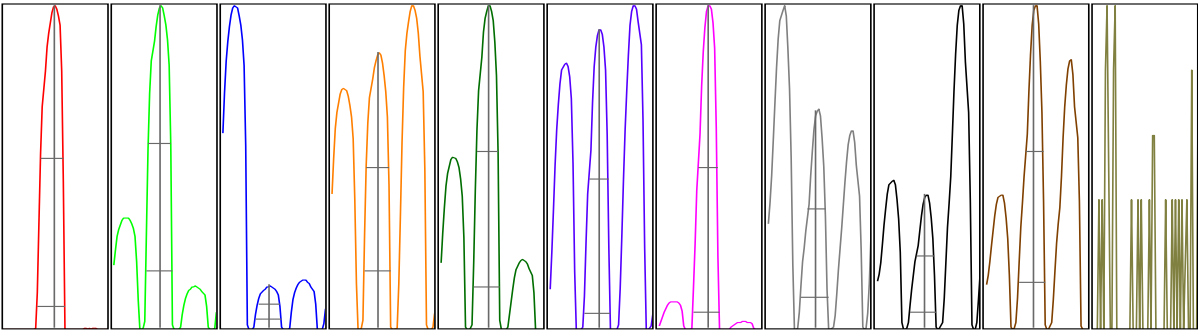
US EPA Tune Check Sample Report

Batch Folder D:\ICP-MS Data\P7060319MS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]					
Mass	Count	RSD%	RSD%	RSD%	
	(Mean)	(Actual)	(Required)	(Flag)	
9	9335	0.47	5.00		
24	153558	0.70	5.00		
25	20922	0.76	5.00		
26	24194	0.72	5.00		
59	65328	0.61	5.00		
113	9273	1.10	5.00		
115	114955	1.77	5.00		
206	33350	0.75	5.00		
207	31387	0.87	5.00		
208	72065	0.47	5.00		
220	0	91.29			

Mass	Replicate 1	Replicate 2	Replicate 3	Replicate 4	Replicate 5
	Count	Count	Count	Count	Count
9	9327	9353	9268	9387	9341
24	153753	154163	151720	154501	153651
25	20854	21075	20682	21040	20961
26	24167	24310	23906	24338	24251
59	65638	65410	64660	65622	65308
113	9381	9334	9111	9281	9259
115	117830	116264	113048	114253	113379
206	33365	33539	32921	33500	33426
207	31378	31632	30928	31509	31490
208	72161	72325	71481	72282	72076
220	0	0	0	0	0

Integration Time [sec] = 0.1



Mass	Peak	Axis	Axis	Axis	Width-X%	Width-X%	Width-
	Height	(Actual)	(Required)	(Flag)	(Actual)	(Required)	X% (Flag)
9	15034	9.00	8.9 - 9.1		0.811	0.900	
24	247442	23.90	23.9 - 24.1		0.756	0.900	
25	32997	24.90	24.9 - 25.1		0.752	0.900	
26	37906	25.90	25.9 - 26.1		0.751	0.900	
59	109129	58.95	58.9 - 59.1		0.759	0.900	
113	17194	113.00	112.9 - 113.1		0.768	0.900	
115	215823	115.00	114.9 - 115.1		0.770	0.900	
206	62471	205.95	205.9 - 206.1		0.781	0.900	
207	56584	206.95	206.9 - 207.1		0.756	0.900	
208	136364	207.95	207.9 - 208.1		0.761	0.900	
220	0	220.15	-		0.250		

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	7.7	V	Deflect	14.0	V
Extract 2	-95.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-55	V	Cell Exit	-50	V			

Cell Parameters

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

[He]

Mass	Count	RSD%	RSD%
	(Mean)	(Actual)	(Required)
59	16205	2.19	
89	33772	2.60	
205	31082	1.44	

Mass	Replicate 1	Replicate 2	Replicate 3	Replicate 4	Replicate 5
	Count	Count	Count	Count	Count
59	16534	16431	15621	16245	16193
89	34421	34511	32319	33863	33749
205	31514	31205	30324	31143	31223

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	8.4	V	Deflect	1.6	V
Extract 2	-105.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-55	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	190	V			

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 12:58:12	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.42	-0.21	-0.21	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.01	-0.01	-0.01	0.00	N/A	ppb
Barium	135-1	0.00	-0.01	0.01	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	0.06	0.00	-0.06	0.00	N/A	ppb
Boron	11-1	0.01	-0.09	0.08	0.00	N/A	ppb
Cadmium	111-1	0.04	-0.03	-0.01	0.00	N/A	ppb
Cadmium	106-1	0.73	-0.59	-0.15	0.00	N/A	ppb
Cadmium	108-1	0.00	0.00	0.00	0.00	N/A	ppb
Calcium	43-1	-0.24	-0.58	0.82	0.00	N/A	ppb
Calcium	44-1	0.08	-0.13	0.05	0.00	N/A	ppb
Chromium	52-2	0.00	0.03	-0.03	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	-0.01	0.02	-0.02	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	-0.01	0.02	-0.01	0.00	N/A	ppb
Iron	57-2	-0.38	0.02	0.36	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	207-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.15	-0.09	-0.06	0.00	N/A	ppb

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 12:58:12	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.01	-0.01	0.01	0.00	N/A	ppb
Molybdenum	94-1	0.01	-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	0.01	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	0.01	0.02	0.00	N/A	ppb
Phosphorus	31-2	-23.62	-12.96	-26.04	-20.87		ppb
Potassium	39-2	-0.96	-1.22	2.18	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.33	0.59	-0.27	0.00	N/A	ppb
Selenium	82-1	0.10	0.26	-0.36	0.00	N/A	ppb
Silicon	28-1	0.24	-0.29	0.05	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	-0.88	1.00	-0.12	0.00	N/A	ppb
Strontium	86-1	-0.01	0.02	-0.01	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	107.86	48.94	20.78	59.19	75.07	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.01	-0.02	0.01	0.00	N/A	ppb
Titanium	47-1	0.00	-0.01	0.02	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 :	LB103176	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 12:58:12	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.02	0.07	-0.04	0.00	N/A	ppb
Zirconium	90-1	-0.01	0.01	0.00	0.00	N/A	ppb
Zirconium	91-1	0.01	0.00	-0.01	0.00	N/A	ppb

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 13:06:20	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.27	17.87	20.55	19.90	9.01	ppb
Antimony	121-1	1.97	1.89	1.91	1.93	2.23	ppb
Arsenic	75-2	1.03	1.06	0.91	1.00	8.17	ppb
Barium	135-1	9.87	9.58	10.15	9.87	2.86	ppb
Barium	137-1	9.93	9.95	9.98	9.95	0.29	ppb
Beryllium	9-1	1.03	0.99	1.03	1.02	2.19	ppb
Bismuth	209-1				99		%
Bismuth	209-2				101		%
Boron	10-1	22.80	23.16	23.47	23.14	1.45	ppb
Boron	11-1	21.95	23.02	23.60	22.86	3.66	ppb
Cadmium	111-1	1.00	0.96	1.03	1.00	3.84	ppb
Cadmium	106-1	0.81	1.11	0.89	0.94	16.82	ppb
Cadmium	108-1	1.07	1.21	1.06	1.12	7.56	ppb
Calcium	43-1	519.45	491.50	497.21	502.72	2.94	ppb
Calcium	44-1	505.88	504.80	497.29	502.66	0.93	ppb
Chromium	52-2	1.90	1.90	2.03	1.94	3.87	ppb
Cobalt	59-2	0.95	1.01	1.00	0.99	3.34	ppb
Copper	63-2	1.80	2.00	2.01	1.94	6.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				101		%
Iron	56-2	57.63	57.36	56.83	57.27	0.71	ppb
Iron	57-2	55.11	57.24	55.86	56.07	1.92	ppb
Krypton	83-1						cps
Lead	206-1	0.94	0.84	0.90	0.89	5.55	ppb
Lead	207-1	0.87	0.88	0.83	0.86	3.37	ppb
Lead	208-1	0.92	0.89	0.88	0.90	2.27	ppb
Lithium	6-1				101		%
Magnesium	24-2	538.34	535.91	521.70	531.98	1.69	ppb

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 13:06:20	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.12	1.00	1.00	1.04	6.40	ppb
Molybdenum	94-1	4.82	4.59	4.48	4.63	3.81	ppb
Molybdenum	95-1	4.86	4.86	4.75	4.82	1.28	ppb
Molybdenum	96-1	4.94	4.90	4.92	4.92	0.45	ppb
Molybdenum	97-1	4.83	4.78	4.77	4.80	0.67	ppb
Molybdenum	98-1	4.83	4.88	4.86	4.86	0.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.07	1.03	0.92	1.01	7.72	ppb
Phosphorus	31-2	19.58	15.52	27.51	20.87	29.21	ppb
Potassium	39-2	480.52	490.60	476.36	482.49	1.52	ppb
Rhodium	103-1				99		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	77-2	4.52	5.99	3.48	4.66	27.07	ppb
Selenium	78-2	5.28	5.07	5.29	5.21	2.33	ppb
Selenium	82-1	4.60	4.79	4.32	4.57	5.12	ppb
Silicon	28-1	10.56	10.28	10.22	10.36	1.77	ppb
Silver	109-1	0.94	0.92	0.96	0.94	2.54	ppb
Silver	107-1	0.85	0.90	0.95	0.90	5.92	ppb
Sodium	23-2	485.09	485.59	480.80	483.83	0.54	ppb
Strontium	86-1	0.98	0.95	0.90	0.94	4.32	ppb
Strontium	88-1	0.93	0.93	0.93	0.93	0.19	ppb
Sulfur	34-1	-72.52	-104.90	-0.16	-59.19		ppb
Terbium	159-1				100		%
Terbium	159-2				102		%
Thallium	203-1	0.89	0.88	0.91	0.89	1.69	ppb
Thallium	205-1	0.90	0.91	0.92	0.91	1.02	ppb
Thorium	232-1	0.79	0.79	0.80	0.79	0.72	ppb
Tin	118-1	5.09	5.11	5.16	5.12	0.69	ppb
Titanium	47-1	5.00	4.58	5.19	4.93	6.35	ppb
Uranium	238-1	0.81	0.82	0.82	0.82	1.21	ppb
Vanadium	51-2	5.18	5.06	5.14	5.13	1.14	ppb
Yttrium	89-1				100		%
Yttrium	89-2				101		%

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 13:06:20	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1.84	1.83	1.64	1.77	6.26	ppb
Zirconium	90-1	0.83	0.87	0.85	0.85	2.35	ppb
Zirconium	91-1	0.98	0.90	0.96	0.95	4.38	ppb

LB Number : LB103176 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P7
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-03 13:10:16 DataFile Name : 006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1018.80	1026.31	1020.16	1021.76	0.39	ppb
Antimony	121-1	52.99	52.05	52.73	52.59	0.92	ppb
Arsenic	75-2	53.73	53.63	54.01	53.79	0.37	ppb
Barium	135-1	262.70	256.46	259.79	259.65	1.20	ppb
Barium	137-1	260.14	256.02	260.41	258.86	0.95	ppb
Beryllium	9-1	52.73	52.79	52.98	52.83	0.25	ppb
Bismuth	209-1				97		%
Bismuth	209-2				99		%
Boron	10-1	46.87	47.85	50.88	48.53	4.31	ppb
Boron	11-1	47.40	47.77	49.90	48.36	2.79	ppb
Cadmium	111-1	53.85	52.29	52.62	52.92	1.56	ppb
Cadmium	106-1	52.76	52.33	54.19	53.09	1.83	ppb
Cadmium	108-1	54.09	53.28	54.46	53.94	1.12	ppb
Calcium	43-1	5442.95	5267.59	5373.59	5361.37	1.65	ppb
Calcium	44-1	5398.06	5304.55	5318.02	5340.21	0.95	ppb
Chromium	52-2	52.85	52.14	51.71	52.23	1.10	ppb
Cobalt	59-2	54.10	53.72	52.64	53.49	1.42	ppb
Copper	63-2	101.68	102.40	100.25	101.44	1.08	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				98		%
Holmium	165-2				101		%
Indium	115-1				97		%
Indium	115-2				98		%
Iron	56-2	2809.20	2853.74	2767.84	2810.26	1.53	ppb
Iron	57-2	2864.86	2828.12	2754.97	2815.98	1.99	ppb
Krypton	83-1						cps
Lead	206-1	49.40	48.31	49.45	49.06	1.31	ppb
Lead	207-1	48.97	47.95	48.89	48.60	1.16	ppb
Lead	208-1	49.24	48.10	48.94	48.76	1.21	ppb
Lithium	6-1				98		%
Magnesium	24-2	5444.69	5438.11	5348.40	5410.40	0.99	ppb

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 13:10:16	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	103.30	102.53	101.98	102.60	0.64	ppb
Molybdenum	94-1	250.04	249.40	250.21	249.88	0.17	ppb
Molybdenum	95-1	250.68	248.91	249.24	249.61	0.38	ppb
Molybdenum	96-1	248.91	248.15	250.98	249.35	0.59	ppb
Molybdenum	97-1	246.80	245.80	245.10	245.90	0.35	ppb
Molybdenum	98-1	250.44	246.60	246.78	247.94	0.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	55.39	56.20	53.92	55.17	2.10	ppb
Phosphorus	31-2	998.26	1018.88	933.63	983.59	4.52	ppb
Potassium	39-2	2646.27	2651.24	2625.02	2640.84	0.53	ppb
Rhodium	103-1				96		%
Rhodium	103-2				97		%
Scandium	45-1				96		%
Scandium	45-2				96		%
Selenium	77-2	60.33	47.68	56.57	54.86	11.84	ppb
Selenium	78-2	53.62	52.48	52.14	52.75	1.47	ppb
Selenium	82-1	52.46	52.05	51.93	52.15	0.54	ppb
Silicon	28-1	54.40	54.91	54.46	54.59	0.51	ppb
Silver	109-1	55.44	54.76	55.71	55.30	0.89	ppb
Silver	107-1	55.91	54.73	54.69	55.11	1.27	ppb
Sodium	23-2	5225.66	5216.77	5140.96	5194.46	0.90	ppb
Strontium	86-1	50.27	49.66	49.56	49.83	0.78	ppb
Strontium	88-1	49.97	49.25	49.86	49.69	0.78	ppb
Sulfur	34-1	1076.29	1002.35	965.64	1014.76	5.55	ppb
Terbium	159-1				98		%
Terbium	159-2				100		%
Thallium	203-1	48.62	47.56	48.31	48.17	1.13	ppb
Thallium	205-1	48.90	47.71	48.71	48.44	1.32	ppb
Thorium	232-1	45.33	44.83	45.50	45.22	0.77	ppb
Tin	118-1	54.02	52.08	52.62	52.91	1.89	ppb
Titanium	47-1	250.11	244.36	248.58	247.68	1.20	ppb
Uranium	238-1	46.13	45.22	45.64	45.66	1.00	ppb
Vanadium	51-2	51.43	51.68	51.17	51.42	0.49	ppb
Yttrium	89-1				96		%
Yttrium	89-2				97		%

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 13:10:16	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	100.05	100.67	97.57	99.43	1.65	ppb
Zirconium	90-1	50.07	48.88	49.10	49.35	1.28	ppb
Zirconium	91-1	50.07	49.44	50.03	49.85	0.70	ppb

LB Number : LB103176 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-03 13:14:13 DataFile Name : 007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2546.26	2500.35	2512.56	2519.72	0.94	ppb
Antimony	121-1	130.19	128.41	127.99	128.86	0.91	ppb
Arsenic	75-2	130.86	130.50	130.73	130.70	0.14	ppb
Barium	135-1	640.24	634.46	632.58	635.76	0.63	ppb
Barium	137-1	635.48	630.30	635.86	633.88	0.49	ppb
Beryllium	9-1	129.12	128.72	129.60	129.15	0.34	ppb
Bismuth	209-1				97		%
Bismuth	209-2				97		%
Boron	10-1	123.14	122.94	122.38	122.82	0.32	ppb
Boron	11-1	123.06	121.33	124.29	122.89	1.21	ppb
Cadmium	111-1	129.02	127.62	127.31	127.98	0.71	ppb
Cadmium	106-1	130.67	126.63	127.34	128.22	1.68	ppb
Cadmium	108-1	125.77	128.00	128.15	127.31	1.04	ppb
Calcium	43-1	12911.06	13318.08	13402.55	13210.57	1.99	ppb
Calcium	44-1	12954.35	13088.91	13069.70	13037.65	0.56	ppb
Chromium	52-2	128.62	128.15	126.47	127.75	0.89	ppb
Cobalt	59-2	131.45	129.19	128.69	129.78	1.13	ppb
Copper	63-2	247.60	245.30	244.40	245.77	0.67	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				98		%
Holmium	165-2				98		%
Indium	115-1				93		%
Indium	115-2				92		%
Iron	56-2	6989.45	6824.08	6859.24	6890.92	1.26	ppb
Iron	57-2	6971.14	6853.86	6893.17	6906.06	0.86	ppb
Krypton	83-1						cps
Lead	206-1	121.92	121.42	121.98	121.77	0.25	ppb
Lead	207-1	120.07	120.96	120.64	120.56	0.37	ppb
Lead	208-1	120.61	121.30	121.06	120.99	0.29	ppb
Lithium	6-1				95		%
Magnesium	24-2	13434.64	13210.26	13364.81	13336.57	0.86	ppb

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 13:14:13	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	255.83	250.23	250.37	252.14	1.27	ppb
Molybdenum	94-1	615.51	617.91	613.91	615.77	0.33	ppb
Molybdenum	95-1	618.49	621.13	613.67	617.77	0.61	ppb
Molybdenum	96-1	615.93	616.91	613.21	615.35	0.31	ppb
Molybdenum	97-1	611.59	611.41	607.08	610.03	0.42	ppb
Molybdenum	98-1	614.79	616.93	613.41	615.04	0.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	132.96	130.36	132.76	132.03	1.10	ppb
Phosphorus	31-2	2492.81	2567.00	2527.08	2528.96	1.47	ppb
Potassium	39-2	6504.04	6346.78	6441.85	6430.89	1.23	ppb
Rhodium	103-1				91		%
Rhodium	103-2				90		%
Scandium	45-1				91		%
Scandium	45-2				89		%
Selenium	77-2	134.66	126.29	133.86	131.60	3.51	ppb
Selenium	78-2	129.67	128.61	132.94	130.41	1.73	ppb
Selenium	82-1	129.76	129.60	126.42	128.59	1.46	ppb
Silicon	28-1	129.43	131.06	131.42	130.64	0.81	ppb
Silver	109-1	132.03	131.34	131.13	131.50	0.36	ppb
Silver	107-1	133.52	130.56	130.83	131.64	1.24	ppb
Sodium	23-2	12930.88	12761.69	12781.42	12824.66	0.72	ppb
Strontium	86-1	123.25	123.59	122.71	123.18	0.36	ppb
Strontium	88-1	122.12	122.76	122.29	122.39	0.27	ppb
Sulfur	34-1	2273.88	2258.78	2287.05	2273.24	0.62	ppb
Terbium	159-1				97		%
Terbium	159-2				97		%
Thallium	203-1	120.66	119.74	119.19	119.86	0.62	ppb
Thallium	205-1	120.55	119.98	120.39	120.31	0.24	ppb
Thorium	232-1	113.84	113.93	114.17	113.98	0.15	ppb
Tin	118-1	129.71	128.96	127.90	128.86	0.71	ppb
Titanium	47-1	609.09	619.55	614.30	614.31	0.85	ppb
Uranium	238-1	115.14	115.31	114.09	114.85	0.58	ppb
Vanadium	51-2	127.92	126.55	124.12	126.20	1.52	ppb
Yttrium	89-1				92		%
Yttrium	89-2				91		%

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 13:14:13	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	241.38	242.15	242.10	241.88	0.18	ppb
Zirconium	90-1	121.93	122.64	121.92	122.16	0.34	ppb
Zirconium	91-1	123.20	123.93	123.15	123.43	0.35	ppb

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 13:18:05	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5216.43	5186.88	5180.78	5194.69	0.37	ppb
Antimony	121-1	253.92	254.17	249.85	252.65	0.96	ppb
Arsenic	75-2	260.53	260.65	258.64	259.94	0.43	ppb
Barium	135-1	1266.89	1260.18	1250.42	1259.17	0.66	ppb
Barium	137-1	1257.19	1250.53	1242.05	1249.92	0.61	ppb
Beryllium	9-1	257.91	254.21	255.40	255.84	0.74	ppb
Bismuth	209-1				94		%
Bismuth	209-2				91		%
Boron	10-1	240.83	241.38	255.17	245.79	3.31	ppb
Boron	11-1	242.27	246.19	250.07	246.18	1.59	ppb
Cadmium	111-1	250.26	247.38	244.72	247.45	1.12	ppb
Cadmium	106-1	247.06	245.41	238.87	243.78	1.78	ppb
Cadmium	108-1	252.75	248.47	247.94	249.72	1.06	ppb
Calcium	43-1	27086.53	26553.21	26693.34	26777.70	1.03	ppb
Calcium	44-1	26657.46	26314.68	26173.47	26381.87	0.94	ppb
Chromium	52-2	261.80	258.73	260.07	260.20	0.59	ppb
Cobalt	59-2	265.33	263.37	266.61	265.10	0.61	ppb
Copper	63-2	496.03	495.60	498.81	496.81	0.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				92		%
Indium	115-1				86		%
Indium	115-2				83		%
Iron	56-2	14208.25	14101.73	14199.45	14169.81	0.42	ppb
Iron	57-2	14074.09	14197.77	14240.51	14170.79	0.61	ppb
Krypton	83-1						cps
Lead	206-1	246.42	244.29	243.57	244.76	0.61	ppb
Lead	207-1	246.47	243.43	244.56	244.82	0.63	ppb
Lead	208-1	246.25	244.46	244.86	245.19	0.38	ppb
Lithium	6-1				85		%
Magnesium	24-2	27389.77	27266.99	27283.02	27313.26	0.24	ppb

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 13:18:05	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	521.29	518.25	523.01	520.85	0.46	ppb
Molybdenum	94-1	1244.16	1230.05	1241.20	1238.47	0.60	ppb
Molybdenum	95-1	1250.16	1234.95	1235.42	1240.18	0.70	ppb
Molybdenum	96-1	1247.27	1236.44	1230.26	1237.99	0.70	ppb
Molybdenum	97-1	1234.88	1223.71	1222.16	1226.92	0.57	ppb
Molybdenum	98-1	1236.31	1220.65	1227.85	1228.27	0.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	266.16	264.89	265.77	265.61	0.24	ppb
Phosphorus	31-2	5210.55	5202.56	5107.53	5173.55	1.11	ppb
Potassium	39-2	13207.73	13092.59	13206.50	13168.94	0.50	ppb
Rhodium	103-1				82		%
Rhodium	103-2				81		%
Scandium	45-1				81		%
Scandium	45-2				78		%
Selenium	77-2	274.02	288.83	250.59	271.15	7.11	ppb
Selenium	78-2	257.91	269.28	259.01	262.07	2.39	ppb
Selenium	82-1	256.80	255.59	255.88	256.09	0.25	ppb
Silicon	28-1	258.66	256.93	256.01	257.20	0.52	ppb
Silver	109-1	254.47	252.36	248.48	251.77	1.21	ppb
Silver	107-1	251.96	251.84	250.54	251.44	0.31	ppb
Sodium	23-2	26470.70	26284.26	26455.94	26403.63	0.39	ppb
Strontium	86-1	251.79	249.66	246.40	249.28	1.09	ppb
Strontium	88-1	248.13	246.79	243.81	246.24	0.90	ppb
Sulfur	34-1	4816.72	4591.07	4528.92	4645.57	3.26	ppb
Terbium	159-1				93		%
Terbium	159-2				91		%
Thallium	203-1	244.73	239.63	242.75	242.37	1.06	ppb
Thallium	205-1	244.05	240.23	240.43	241.57	0.89	ppb
Thorium	232-1	237.54	235.96	238.02	237.18	0.45	ppb
Tin	118-1	254.72	252.29	249.66	252.22	1.00	ppb
Titanium	47-1	1260.00	1241.22	1232.68	1244.63	1.12	ppb
Uranium	238-1	236.42	235.82	237.89	236.71	0.45	ppb
Vanadium	51-2	259.65	256.16	255.56	257.12	0.86	ppb
Yttrium	89-1				85		%
Yttrium	89-2				82		%

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 13:18:05	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	499.80	494.52	500.53	498.28	0.66	ppb
Zirconium	90-1	246.64	244.76	244.89	245.43	0.43	ppb
Zirconium	91-1	251.44	249.04	247.04	249.18	0.88	ppb

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 13:21:55	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10444.45	10338.01	10467.51	10416.65	0.66	ppb
Antimony	121-1	502.87	501.14	493.51	499.17	1.00	ppb
Arsenic	75-2	523.21	517.81	516.88	519.30	0.66	ppb
Barium	135-1	2489.82	2455.51	2448.73	2464.69	0.89	ppb
Barium	137-1	2488.37	2476.11	2461.95	2475.48	0.53	ppb
Beryllium	9-1	511.54	512.39	509.77	511.23	0.26	ppb
Bismuth	209-1				92		%
Bismuth	209-2				88		%
Boron	10-1	484.06	500.78	500.41	495.08	1.93	ppb
Boron	11-1	483.49	499.30	500.71	494.50	1.93	ppb
Cadmium	111-1	523.01	524.82	520.11	522.65	0.45	ppb
Cadmium	106-1	517.81	518.18	512.74	516.24	0.59	ppb
Cadmium	108-1	522.49	517.41	521.93	520.61	0.54	ppb
Calcium	43-1	53311.84	53113.54	53493.27	53306.22	0.36	ppb
Calcium	44-1	53406.96	53134.37	53009.58	53183.63	0.38	ppb
Chromium	52-2	525.31	516.41	522.81	521.51	0.88	ppb
Cobalt	59-2	530.24	521.02	525.56	525.61	0.88	ppb
Copper	63-2	1058.77	1040.71	1053.27	1050.92	0.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				90		%
Indium	115-1				83		%
Indium	115-2				79		%
Iron	56-2	28579.73	28089.40	28484.25	28384.46	0.92	ppb
Iron	57-2	28604.71	28217.73	28655.45	28492.63	0.84	ppb
Krypton	83-1						cps
Lead	206-1	487.43	488.58	486.74	487.59	0.19	ppb
Lead	207-1	486.78	490.52	487.16	488.15	0.42	ppb
Lead	208-1	490.51	491.07	487.36	489.65	0.41	ppb
Lithium	6-1				80		%
Magnesium	24-2	55244.06	54442.50	55273.48	54986.68	0.86	ppb

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 13:21:55	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1042.25	1034.50	1046.33	1041.03	0.58	ppb
Molybdenum	94-1	2481.89	2469.25	2463.64	2471.59	0.38	ppb
Molybdenum	95-1	2486.24	2470.73	2467.97	2474.98	0.40	ppb
Molybdenum	96-1	2486.14	2478.09	2469.82	2478.02	0.33	ppb
Molybdenum	97-1	2497.28	2472.28	2458.24	2475.94	0.80	ppb
Molybdenum	98-1	2488.07	2467.98	2464.86	2473.64	0.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	531.23	523.63	529.42	528.09	0.75	ppb
Phosphorus	31-2	10670.98	10322.86	10426.81	10473.55	1.71	ppb
Potassium	39-2	26586.32	26160.55	26651.38	26466.08	1.01	ppb
Rhodium	103-1				78		%
Rhodium	103-2				77		%
Scandium	45-1				77		%
Scandium	45-2				75		%
Selenium	77-2	544.88	504.25	511.95	520.36	4.15	ppb
Selenium	78-2	534.07	527.28	525.00	528.78	0.89	ppb
Selenium	82-1	515.91	510.49	506.05	510.82	0.97	ppb
Silicon	28-1	508.11	510.75	512.57	510.48	0.44	ppb
Silver	109-1	509.21	507.90	503.88	506.99	0.55	ppb
Silver	107-1	508.39	505.66	503.19	505.74	0.51	ppb
Sodium	23-2	53552.97	53005.44	53614.83	53391.08	0.63	ppb
Strontium	86-1	500.80	500.84	493.48	498.37	0.85	ppb
Strontium	88-1	498.10	496.51	493.94	496.18	0.42	ppb
Sulfur	34-1	9939.27	9984.01	10015.76	9979.68	0.39	ppb
Terbium	159-1				91		%
Terbium	159-2				89		%
Thallium	203-1	485.17	486.16	483.01	484.78	0.33	ppb
Thallium	205-1	488.49	488.35	488.73	488.52	0.04	ppb
Thorium	232-1	484.55	487.27	481.85	484.55	0.56	ppb
Tin	118-1	495.84	491.61	489.37	492.27	0.67	ppb
Titanium	47-1	2484.65	2480.89	2488.83	2484.79	0.16	ppb
Uranium	238-1	481.60	485.60	484.08	483.76	0.42	ppb
Vanadium	51-2	521.45	513.81	519.60	518.28	0.77	ppb
Yttrium	89-1				81		%
Yttrium	89-2				79		%

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 13:21:55	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1057.93	1052.18	1060.24	1056.78	0.39	ppb
Zirconium	90-1	497.18	494.59	493.69	495.15	0.37	ppb
Zirconium	91-1	499.34	494.62	496.84	496.93	0.48	ppb

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 13:25:44	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20240.46	19829.75	19496.72	19855.64	1.88	ppb
Antimony	121-1	988.61	1000.73	1008.09	999.14	0.98	ppb
Arsenic	75-2	1002.98	989.73	968.18	986.96	1.78	ppb
Barium	135-1	4977.32	5006.60	5056.70	5013.54	0.80	ppb
Barium	137-1	4983.68	4993.75	5054.76	5010.73	0.77	ppb
Beryllium	9-1	981.43	994.14	1001.22	992.26	1.01	ppb
Bismuth	209-1				89		%
Bismuth	209-2				87		%
Boron	10-1	973.22	1009.89	1028.61	1003.90	2.81	ppb
Boron	11-1	963.66	1006.77	1041.88	1004.10	3.90	ppb
Cadmium	111-1	980.27	990.94	995.17	988.79	0.78	ppb
Cadmium	106-1	974.22	1000.74	1003.66	992.88	1.63	ppb
Cadmium	108-1	977.51	995.12	995.21	989.28	1.03	ppb
Calcium	43-1	106811.55	107877.15	108724.92	107804.54	0.89	ppb
Calcium	44-1	106587.07	108239.40	108389.08	107738.52	0.93	ppb
Chromium	52-2	1004.02	983.96	970.73	986.24	1.70	ppb
Cobalt	59-2	999.66	979.33	968.96	982.65	1.59	ppb
Copper	63-2	2006.41	1972.90	1948.08	1975.79	1.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				91		%
Holmium	165-2				92		%
Indium	115-1				80		%
Indium	115-2				79		%
Iron	56-2	55026.36	53790.19	52400.27	53738.94	2.44	ppb
Iron	57-2	54328.87	53761.56	52303.27	53464.57	1.95	ppb
Krypton	83-1						cps
Lead	206-1	997.92	1007.85	1018.14	1007.97	1.00	ppb
Lead	207-1	996.92	1007.40	1019.20	1007.84	1.11	ppb
Lead	208-1	996.23	1007.17	1017.43	1006.94	1.05	ppb
Lithium	6-1				78		%
Magnesium	24-2	107128.71	105093.87	102613.26	104945.28	2.15	ppb

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 13:25:44	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2010.10	1971.61	1939.92	1973.88	1.78	ppb
Molybdenum	94-1	4968.99	5030.35	5055.40	5018.24	0.89	ppb
Molybdenum	95-1	4943.47	5043.06	5061.14	5015.89	1.26	ppb
Molybdenum	96-1	4970.85	5022.96	5051.88	5015.23	0.82	ppb
Molybdenum	97-1	4940.44	5039.61	5079.58	5019.88	1.43	ppb
Molybdenum	98-1	4940.92	5052.83	5066.13	5019.96	1.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1000.72	975.56	966.46	980.91	1.81	ppb
Phosphorus	31-2	20221.73	19412.77	19516.62	19717.04	2.23	ppb
Potassium	39-2	51652.44	50409.79	49618.15	50560.13	2.03	ppb
Rhodium	103-1				73		%
Rhodium	103-2				76		%
Scandium	45-1				75		%
Scandium	45-2				77		%
Selenium	77-2	1003.98	986.99	959.43	983.47	2.29	ppb
Selenium	78-2	990.62	980.90	973.81	981.78	0.86	ppb
Selenium	82-1	978.24	1000.37	998.94	992.51	1.25	ppb
Silicon	28-1	981.92	995.01	999.14	992.02	0.91	ppb
Silver	109-1	981.62	1000.60	1002.73	994.98	1.17	ppb
Silver	107-1	985.19	998.21	1003.64	995.68	0.95	ppb
Sodium	23-2	104345.03	102829.71	100491.54	102555.43	1.89	ppb
Strontium	86-1	989.90	1004.42	1009.36	1001.23	1.01	ppb
Strontium	88-1	991.83	1003.41	1014.32	1003.19	1.12	ppb
Sulfur	34-1	19818.07	20221.41	20339.65	20126.37	1.36	ppb
Terbium	159-1				89		%
Terbium	159-2				91		%
Thallium	203-1	996.22	1010.28	1024.25	1010.25	1.39	ppb
Thallium	205-1	997.05	1011.50	1016.98	1008.51	1.02	ppb
Thorium	232-1	1003.35	1011.06	1023.23	1012.55	0.99	ppb
Tin	118-1	991.52	1001.56	1014.96	1002.68	1.17	ppb
Titanium	47-1	4962.26	5012.03	5056.91	5010.40	0.94	ppb
Uranium	238-1	995.43	1013.29	1030.07	1012.93	1.71	ppb
Vanadium	51-2	1010.79	986.94	968.83	988.86	2.13	ppb
Yttrium	89-1				79		%
Yttrium	89-2				80		%

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 13:25:44	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2001.80	1974.93	1942.52	1973.08	1.50	ppb
Zirconium	90-1	991.95	1003.17	1016.74	1003.95	1.24	ppb
Zirconium	91-1	992.02	1003.87	1009.95	1001.94	0.91	ppb

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 13:29:30	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	101852.44	96526.41	101551.44	99976.76	2.99	ppb
Antimony	121-1	1.31	1.25	1.28	1.28	2.45	ppb
Arsenic	75-2	1.33	1.34	1.21	1.29	5.24	ppb
Barium	135-1	0.72	0.66	0.56	0.65	12.06	ppb
Barium	137-1	0.83	0.73	0.61	0.72	14.78	ppb
Beryllium	9-1	0.22	0.21	0.19	0.21	7.28	ppb
Bismuth	209-1				79		%
Bismuth	209-2				76		%
Boron	10-1	59.71	54.65	48.43	54.26	10.41	ppb
Boron	11-1	59.89	54.06	48.10	54.01	10.92	ppb
Cadmium	111-1	0.09	-0.05	0.05	0.03	260.98	ppb
Cadmium	106-1	-0.86	-3.00	-1.65	-1.84		ppb
Cadmium	108-1	0.21	0.24	0.23	0.23	6.66	ppb
Calcium	43-1	507297.23	499774.99	486922.40	497998.20	2.07	ppb
Calcium	44-1	506054.62	499400.57	488688.79	498047.99	1.76	ppb
Chromium	52-2	7.66	7.14	7.21	7.34	3.87	ppb
Cobalt	59-2	11.32	10.63	11.12	11.02	3.20	ppb
Copper	63-2	2.23	2.02	2.12	2.12	4.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				91		%
Holmium	165-2				90		%
Indium	115-1				80		%
Indium	115-2				79		%
Iron	56-2	254383.66	240904.84	251144.95	248811.15	2.83	ppb
Iron	57-2	254988.86	240557.58	251017.73	248854.72	3.00	ppb
Krypton	83-1						cps
Lead	206-1	1.06	1.06	1.02	1.05	1.97	ppb
Lead	207-1	0.99	0.97	0.93	0.96	2.99	ppb
Lead	208-1	1.06	1.02	0.97	1.02	3.98	ppb
Lithium	6-1				81		%
Magnesium	24-2	507365.58	482565.71	505183.40	498371.56	2.76	ppb

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 13:29:30	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.53	7.38	7.58	7.50	1.37	ppb
Molybdenum	94-1	2.47	2.25	2.20	2.31	6.15	ppb
Molybdenum	95-1	3.27	2.89	2.79	2.98	8.62	ppb
Molybdenum	96-1	3.72	3.57	3.35	3.54	5.24	ppb
Molybdenum	97-1	2.91	2.71	2.73	2.78	3.97	ppb
Molybdenum	98-1	2.78	2.67	2.64	2.70	2.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	11.87	11.72	11.73	11.77	0.72	ppb
Phosphorus	31-2	-25.52	-12.25	-21.02	-19.60		ppb
Potassium	39-2	253867.62	241252.47	253985.98	249702.02	2.93	ppb
Rhodium	103-1				70		%
Rhodium	103-2				72		%
Scandium	45-1				80		%
Scandium	45-2				83		%
Selenium	77-2	0.00	0.59	0.00	0.20	173.21	ppb
Selenium	78-2	0.77	-0.76	-0.18	-0.06		ppb
Selenium	82-1	-0.36	-0.42	-0.11	-0.30		ppb
Silicon	28-1	12.80	11.44	10.82	11.69	8.65	ppb
Silver	109-1	0.07	0.04	0.06	0.05	27.26	ppb
Silver	107-1	0.06	0.08	0.07	0.07	10.01	ppb
Sodium	23-2	508065.34	482401.82	506741.58	499069.58	2.90	ppb
Strontium	86-1	3.85	3.82	3.80	3.82	0.61	ppb
Strontium	88-1	3.99	3.93	3.81	3.91	2.32	ppb
Sulfur	34-1	-379.93	-446.46	-522.39	-449.59		ppb
Terbium	159-1				89		%
Terbium	159-2				88		%
Thallium	203-1	0.25	0.23	0.20	0.23	10.27	ppb
Thallium	205-1	0.25	0.25	0.19	0.23	14.74	ppb
Thorium	232-1	0.21	0.17	0.16	0.18	15.43	ppb
Tin	118-1	0.66	0.58	0.65	0.63	7.13	ppb
Titanium	47-1	2.16	2.12	2.23	2.17	2.49	ppb
Uranium	238-1	0.08	0.07	0.07	0.07	9.46	ppb
Vanadium	51-2	0.16	0.15	0.15	0.16	4.54	ppb
Yttrium	89-1				81		%
Yttrium	89-2				83		%

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 13:29:30	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	14.87	13.67	13.83	14.12	4.64	ppb
Zirconium	90-1	0.26	0.23	0.21	0.23	11.29	ppb
Zirconium	91-1	0.33	0.23	0.25	0.27	19.34	ppb

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 13:37:44	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	522.77	548.92	507.20	526.30	4.01	ppb
Antimony	121-1	205.46	203.23	194.86	201.18	2.78	ppb
Arsenic	75-2	208.85	212.49	207.51	209.62	1.23	ppb
Barium	135-1	103.40	103.18	97.64	101.41	3.22	ppb
Barium	137-1	102.62	102.66	97.77	101.02	2.78	ppb
Beryllium	9-1	99.73	100.84	97.05	99.21	1.96	ppb
Bismuth	209-1				100		%
Bismuth	209-2				97		%
Boron	10-1	593.42	596.13	581.84	590.46	1.29	ppb
Boron	11-1	603.49	607.92	588.61	600.01	1.69	ppb
Cadmium	111-1	106.20	104.91	100.47	103.86	2.90	ppb
Cadmium	106-1	183.07	178.25	169.38	176.90	3.92	ppb
Cadmium	108-1	156.91	162.47	149.19	156.19	4.27	ppb
Calcium	43-1	2461.77	2393.92	2316.61	2390.77	3.04	ppb
Calcium	44-1	2296.68	2268.62	2172.72	2246.01	2.89	ppb
Chromium	52-2	99.17	101.78	101.51	100.82	1.42	ppb
Cobalt	59-2	102.33	105.49	104.03	103.95	1.52	ppb
Copper	63-2	96.56	99.57	97.78	97.97	1.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				98		%
Indium	115-1				95		%
Indium	115-2				91		%
Iron	56-2	1116.38	1147.65	1133.86	1132.63	1.38	ppb
Iron	57-2	1101.56	1130.07	1171.97	1134.53	3.12	ppb
Krypton	83-1						cps
Lead	206-1	195.74	198.31	189.39	194.48	2.36	ppb
Lead	207-1	188.27	189.68	179.41	185.79	3.00	ppb
Lead	208-1	191.82	193.64	184.26	189.91	2.62	ppb
Lithium	6-1				96		%
Magnesium	24-2	1296.54	1317.11	1302.16	1305.27	0.81	ppb

LB Number : LB103176 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-03 13:37:44 DataFile Name : 012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	98.03	100.44	99.33	99.27	1.22	ppb
Molybdenum	94-1	2432.81	2467.00	2358.47	2419.43	2.29	ppb
Molybdenum	95-1	2414.82	2448.57	2326.96	2396.78	2.62	ppb
Molybdenum	96-1	2419.83	2440.19	2326.61	2395.54	2.53	ppb
Molybdenum	97-1	2401.67	2437.71	2299.30	2379.56	3.02	ppb
Molybdenum	98-1	2396.84	2423.04	2300.94	2373.61	2.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	106.31	108.64	107.87	107.61	1.10	ppb
Phosphorus	31-2	-26.18	-23.09	-23.34	-24.20		ppb
Potassium	39-2	2032.18	2046.32	2048.01	2042.17	0.43	ppb
Rhodium	103-1				93		%
Rhodium	103-2				91		%
Scandium	45-1				93		%
Scandium	45-2				91		%
Selenium	77-2	202.49	210.49	218.82	210.60	3.88	ppb
Selenium	78-2	210.45	213.56	213.92	212.64	0.90	ppb
Selenium	82-1	210.56	207.77	200.29	206.21	2.58	ppb
Silicon	28-1	524.08	525.98	503.31	517.79	2.43	ppb
Silver	109-1	107.45	106.66	101.06	105.06	3.32	ppb
Silver	107-1	107.71	106.26	101.86	105.28	2.89	ppb
Sodium	23-2	2086.68	2145.33	2113.74	2115.25	1.39	ppb
Strontium	86-1	525.43	534.27	510.09	523.26	2.34	ppb
Strontium	88-1	532.10	535.05	509.38	525.51	2.67	ppb
Sulfur	34-1	-632.45	-739.93	-913.91	-762.09		ppb
Terbium	159-1				98		%
Terbium	159-2				97		%
Thallium	203-1	194.06	195.19	185.65	191.63	2.72	ppb
Thallium	205-1	194.71	196.40	187.33	192.81	2.50	ppb
Thorium	232-1	459.14	468.68	446.40	458.07	2.44	ppb
Tin	118-1	530.17	526.88	498.99	518.68	3.30	ppb
Titanium	47-1	2387.73	2362.65	2266.15	2338.84	2.74	ppb
Uranium	238-1	461.10	470.19	446.78	459.36	2.57	ppb
Vanadium	51-2	98.71	99.89	99.47	99.36	0.60	ppb
Yttrium	89-1				94		%
Yttrium	89-2				92		%

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 13:37:44	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	193.76	198.52	196.69	196.32	1.22	ppb
Zirconium	90-1	500.30	506.07	482.19	496.19	2.51	ppb
Zirconium	91-1	495.70	505.65	482.44	494.60	2.35	ppb

LB Number : LB103176 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-03 13:41:21 DataFile Name : 013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.25	-0.09	0.02	0.06	307.64	ppb
Antimony	121-1	0.15	0.17	0.16	0.16	5.97	ppb
Arsenic	75-2	0.06	0.02	0.00	0.03	100.78	ppb
Barium	135-1	0.05	0.02	0.03	0.03	44.77	ppb
Barium	137-1	0.03	0.01	0.02	0.02	71.38	ppb
Beryllium	9-1	0.07	0.06	0.07	0.07	12.74	ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Boron	10-1	12.65	11.40	11.10	11.72	7.03	ppb
Boron	11-1	12.13	11.72	11.62	11.83	2.25	ppb
Cadmium	111-1	-0.11	-0.11	-0.09	-0.10		ppb
Cadmium	106-1	-2.41	-2.21	-1.94	-2.19		ppb
Cadmium	108-1	0.03	0.03	0.00	0.02	82.88	ppb
Calcium	43-1	0.84	2.69	0.40	1.31	92.76	ppb
Calcium	44-1	0.83	0.90	0.65	0.80	15.98	ppb
Chromium	52-2	0.04	0.01	0.00	0.02	117.89	ppb
Cobalt	59-2	0.00	0.01	-0.01	0.00		ppb
Copper	63-2	-0.02	-0.02	-0.02	-0.02		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				100		%
Indium	115-1				96		%
Indium	115-2				95		%
Iron	56-2	0.78	0.73	0.74	0.75	2.85	ppb
Iron	57-2	0.75	0.57	1.09	0.81	33.01	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.02	0.02	0.02	17.84	ppb
Lead	207-1	0.02	0.01	0.01	0.01	31.93	ppb
Lead	208-1	0.02	0.02	0.02	0.02	14.42	ppb
Lithium	6-1				96		%
Magnesium	24-2	0.73	0.96	0.90	0.86	13.67	ppb

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 13:41:21	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	0.00	0.00	0.00	26.37	ppb
Molybdenum	94-1	0.52	0.51	0.34	0.46	22.74	ppb
Molybdenum	95-1	0.71	0.66	0.52	0.63	15.43	ppb
Molybdenum	96-1	0.67	0.58	0.50	0.58	13.98	ppb
Molybdenum	97-1	0.81	0.50	0.61	0.64	24.71	ppb
Molybdenum	98-1	0.75	0.63	0.56	0.65	15.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.02	-0.04	-0.04		ppb
Phosphorus	31-2	-17.42	-33.31	-26.80	-25.84		ppb
Potassium	39-2	1.22	-2.96	-4.36	-2.04		ppb
Rhodium	103-1				94		%
Rhodium	103-2				95		%
Scandium	45-1				93		%
Scandium	45-2				94		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.03	0.00	-0.54	-0.17		ppb
Selenium	82-1	0.18	0.26	-0.12	0.11	183.06	ppb
Silicon	28-1	3.09	2.57	2.49	2.72	12.00	ppb
Silver	109-1	0.01	0.01	0.01	0.01	8.75	ppb
Silver	107-1	0.01	0.00	0.00	0.00	68.45	ppb
Sodium	23-2	8.69	7.83	9.31	8.61	8.60	ppb
Strontium	86-1	0.06	0.03	0.01	0.03	80.77	ppb
Strontium	88-1	0.04	0.04	0.04	0.04	2.86	ppb
Sulfur	34-1	-529.08	-520.16	-552.79	-534.01		ppb
Terbium	159-1				98		%
Terbium	159-2				99		%
Thallium	203-1	0.08	0.06	0.06	0.07	17.47	ppb
Thallium	205-1	0.07	0.06	0.07	0.07	4.88	ppb
Thorium	232-1	0.10	0.09	0.09	0.09	7.16	ppb
Tin	118-1	0.14	0.10	0.15	0.13	18.58	ppb
Titanium	47-1	0.34	0.24	0.19	0.25	29.81	ppb
Uranium	238-1	0.04	0.03	0.03	0.03	26.79	ppb
Vanadium	51-2	0.01	0.00	0.01	0.01	49.90	ppb
Yttrium	89-1				94		%
Yttrium	89-2				95		%

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 13:41:21	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.10	-0.04	-0.09	-0.08		ppb
Zirconium	90-1	0.03	0.05	0.05	0.04	24.49	ppb
Zirconium	91-1	0.05	0.07	0.03	0.05	43.19	ppb

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 13:44:58	DataFile Name :	014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	92133.59	91378.25	91176.34	91562.73	0.55	ppb
Antimony	121-1	1.41	1.36	1.36	1.38	1.84	ppb
Arsenic	75-2	0.32	0.33	0.44	0.36	18.94	ppb
Barium	135-1	1.51	1.58	1.51	1.54	2.77	ppb
Barium	137-1	1.41	1.40	1.56	1.46	6.00	ppb
Beryllium	9-1	0.27	0.34	0.34	0.32	13.65	ppb
Bismuth	209-1				88		%
Bismuth	209-2				87		%
Boron	10-1	10.00	8.39	8.93	9.10	9.01	ppb
Boron	11-1	9.16	9.13	8.54	8.94	3.92	ppb
Cadmium	111-1	0.39	0.34	0.22	0.31	27.88	ppb
Cadmium	106-1	-3.30	-2.87	-3.44	-3.20		ppb
Cadmium	108-1	10.44	11.76	11.77	11.32	6.78	ppb
Calcium	43-1	102841.85	103530.78	102341.53	102904.72	0.58	ppb
Calcium	44-1	103359.56	103595.98	103322.48	103426.00	0.14	ppb
Chromium	52-2	20.09	19.65	19.82	19.85	1.12	ppb
Cobalt	59-2	1.26	1.25	1.17	1.23	4.30	ppb
Copper	63-2	6.96	6.99	7.28	7.08	2.50	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				94		%
Holmium	165-2				95		%
Indium	115-1				86		%
Indium	115-2				86		%
Iron	56-2	106977.59	105298.56	105722.83	105999.66	0.82	ppb
Iron	57-2	105923.76	105035.52	105229.43	105396.23	0.44	ppb
Krypton	83-1						cps
Lead	206-1	4.78	4.66	4.68	4.71	1.42	ppb
Lead	207-1	4.05	3.99	3.94	3.99	1.39	ppb
Lead	208-1	4.31	4.22	4.23	4.25	1.24	ppb
Lithium	6-1				86		%
Magnesium	24-2	104417.76	103602.99	103147.11	103722.62	0.62	ppb

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 13:44:58	DataFile Name :	014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.82	7.60	7.62	7.68	1.63	ppb
Molybdenum	94-1	1289.94	1289.43	1286.75	1288.71	0.13	ppb
Molybdenum	95-1	1888.94	1876.04	1883.02	1882.66	0.34	ppb
Molybdenum	96-1	1821.91	1801.72	1822.28	1815.30	0.65	ppb
Molybdenum	97-1	1849.86	1824.64	1836.24	1836.91	0.69	ppb
Molybdenum	98-1	1882.92	1875.73	1884.49	1881.05	0.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.43	5.43	5.37	5.41	0.61	ppb
Phosphorus	31-2	95593.31	96128.81	96122.89	95948.34	0.32	ppb
Potassium	39-2	101128.76	100461.29	99658.15	100416.07	0.73	ppb
Rhodium	103-1				80		%
Rhodium	103-2				82		%
Scandium	45-1				83		%
Scandium	45-2				85		%
Selenium	77-2	0.58	0.00	0.00	0.19	173.21	ppb
Selenium	78-2	-0.77	0.25	-0.02	-0.18		ppb
Selenium	82-1	0.26	0.71	0.45	0.47	47.71	ppb
Silicon	28-1	21.81	22.50	22.61	22.31	1.95	ppb
Silver	109-1	0.03	0.03	0.03	0.03	8.00	ppb
Silver	107-1	0.02	0.02	0.04	0.03	37.37	ppb
Sodium	23-2	101688.49	100776.75	100525.12	100996.79	0.61	ppb
Strontium	86-1	33.28	32.57	32.95	32.93	1.08	ppb
Strontium	88-1	32.64	32.50	32.65	32.60	0.26	ppb
Sulfur	34-1	94614.11	94643.37	94788.57	94682.02	0.10	ppb
Terbium	159-1				93		%
Terbium	159-2				94		%
Thallium	203-1	0.22	0.23	0.22	0.22	2.48	ppb
Thallium	205-1	0.22	0.22	0.24	0.23	5.98	ppb
Thorium	232-1	0.05	0.04	0.05	0.05	12.11	ppb
Tin	118-1	0.25	0.25	0.26	0.25	2.44	ppb
Titanium	47-1	1945.79	1954.20	1956.40	1952.13	0.29	ppb
Uranium	238-1	0.03	0.02	0.02	0.02	15.95	ppb
Vanadium	51-2	0.16	0.21	0.20	0.19	12.24	ppb
Yttrium	89-1				86		%
Yttrium	89-2				88		%

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 13:44:58	DataFile Name :	014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	10.30	10.19	10.08	10.19	1.06	ppb
Zirconium	90-1	0.04	0.04	0.04	0.04	9.28	ppb
Zirconium	91-1	0.04	0.06	0.03	0.04	41.25	ppb

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 13:48:35	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	92135.61	91773.43	91988.24	91965.76	0.20	ppb
Antimony	121-1	20.30	20.05	20.04	20.13	0.72	ppb
Arsenic	75-2	20.62	19.12	19.76	19.83	3.79	ppb
Barium	135-1	20.15	21.25	20.62	20.67	2.67	ppb
Barium	137-1	20.24	21.19	20.27	20.57	2.63	ppb
Beryllium	9-1	20.44	19.86	19.74	20.02	1.88	ppb
Bismuth	209-1				91		%
Bismuth	209-2				88		%
Boron	10-1	67.80	66.91	67.00	67.24	0.72	ppb
Boron	11-1	70.28	68.49	68.85	69.21	1.37	ppb
Cadmium	111-1	18.33	18.33	18.12	18.26	0.66	ppb
Cadmium	106-1	21.76	20.78	20.37	20.97	3.40	ppb
Cadmium	108-1	32.23	32.85	33.01	32.70	1.24	ppb
Calcium	43-1	101387.17	102436.55	100982.32	101602.01	0.74	ppb
Calcium	44-1	101479.91	102779.37	101777.09	102012.13	0.67	ppb
Chromium	52-2	39.62	39.85	39.42	39.63	0.55	ppb
Cobalt	59-2	20.94	21.34	21.06	21.11	0.96	ppb
Copper	63-2	25.85	25.57	25.57	25.66	0.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				97		%
Indium	115-1				90		%
Indium	115-2				88		%
Iron	56-2	107264.72	105954.06	106059.28	106426.02	0.68	ppb
Iron	57-2	106596.97	105255.74	106558.36	106137.02	0.72	ppb
Krypton	83-1						cps
Lead	206-1	24.46	24.76	24.33	24.51	0.89	ppb
Lead	207-1	22.25	22.09	22.16	22.17	0.36	ppb
Lead	208-1	23.21	23.22	23.09	23.17	0.31	ppb
Lithium	6-1				89		%
Magnesium	24-2	104710.56	103973.81	103943.48	104209.28	0.42	ppb

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 13:48:35	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	26.82	27.46	27.30	27.19	1.23	ppb
Molybdenum	94-1	1390.92	1399.09	1397.17	1395.72	0.31	ppb
Molybdenum	95-1	1908.24	1929.97	1934.11	1924.11	0.72	ppb
Molybdenum	96-1	1837.10	1868.56	1873.81	1859.82	1.07	ppb
Molybdenum	97-1	1863.76	1889.74	1877.98	1877.16	0.69	ppb
Molybdenum	98-1	1901.07	1922.08	1931.23	1918.13	0.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.12	24.61	24.68	24.80	1.12	ppb
Phosphorus	31-2	97243.31	95971.23	97959.82	97058.12	1.04	ppb
Potassium	39-2	101776.59	100766.46	100817.73	101120.26	0.56	ppb
Rhodium	103-1				84		%
Rhodium	103-2				84		%
Scandium	45-1				89		%
Scandium	45-2				89		%
Selenium	77-2	14.56	14.49	16.04	15.03	5.84	ppb
Selenium	78-2	19.86	19.30	22.33	20.50	7.87	ppb
Selenium	82-1	17.88	19.32	19.08	18.76	4.12	ppb
Silicon	28-1	76.57	78.64	76.41	77.20	1.61	ppb
Silver	109-1	18.00	17.83	17.82	17.88	0.57	ppb
Silver	107-1	17.88	18.02	17.94	17.95	0.38	ppb
Sodium	23-2	102004.32	101437.02	100860.75	101434.03	0.56	ppb
Strontium	86-1	96.69	97.53	97.34	97.18	0.45	ppb
Strontium	88-1	95.99	97.03	96.44	96.48	0.54	ppb
Sulfur	34-1	94692.26	94870.81	93133.48	94232.18	1.01	ppb
Terbium	159-1				97		%
Terbium	159-2				96		%
Thallium	203-1	19.59	19.76	19.79	19.71	0.54	ppb
Thallium	205-1	19.77	20.02	19.48	19.75	1.37	ppb
Thorium	232-1	0.29	0.29	0.28	0.29	2.23	ppb
Tin	118-1	54.16	53.86	53.76	53.93	0.39	ppb
Titanium	47-1	1982.66	1997.76	1966.29	1982.24	0.79	ppb
Uranium	238-1	52.75	53.21	52.80	52.92	0.48	ppb
Vanadium	51-2	19.93	19.84	19.99	19.92	0.37	ppb
Yttrium	89-1				91		%
Yttrium	89-2				91		%

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 13:48:35	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	29.23	29.42	28.14	28.93	2.39	ppb
Zirconium	90-1	52.77	52.59	53.23	52.86	0.62	ppb
Zirconium	91-1	53.37	54.47	53.85	53.90	1.02	ppb

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	CCV41	Instrumnet Name :	P7
Client Sample ID :	CCV41	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 13:52:13	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53712.59	53281.54	53000.11	53331.41	0.67	ppb
Antimony	121-1	476.34	472.99	470.81	473.38	0.59	ppb
Arsenic	75-2	515.45	509.83	506.94	510.74	0.85	ppb
Barium	135-1	2438.36	2425.10	2421.47	2428.31	0.37	ppb
Barium	137-1	2476.59	2466.41	2458.03	2467.01	0.38	ppb
Beryllium	9-1	493.38	487.64	489.78	490.27	0.59	ppb
Bismuth	209-1				88		%
Bismuth	209-2				85		%
Boron	10-1	465.78	469.07	475.20	470.01	1.02	ppb
Boron	11-1	470.58	480.51	481.18	477.42	1.24	ppb
Cadmium	111-1	489.74	483.98	481.20	484.97	0.90	ppb
Cadmium	106-1	496.91	488.62	470.32	485.28	2.80	ppb
Cadmium	108-1	492.23	481.44	483.29	485.66	1.19	ppb
Calcium	43-1	253996.78	249457.74	251081.22	251511.91	0.91	ppb
Calcium	44-1	251763.48	248625.02	249965.26	250117.92	0.63	ppb
Chromium	52-2	492.78	491.29	488.21	490.76	0.47	ppb
Cobalt	59-2	485.88	485.63	479.65	483.72	0.73	ppb
Copper	63-2	987.31	982.24	977.33	982.30	0.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				96		%
Indium	115-1				87		%
Indium	115-2				86		%
Iron	56-2	129603.05	128954.78	127946.74	128834.86	0.65	ppb
Iron	57-2	129746.73	128574.57	127578.85	128633.38	0.84	ppb
Krypton	83-1						cps
Lead	206-1	492.44	491.49	490.31	491.41	0.22	ppb
Lead	207-1	492.29	490.59	486.56	489.81	0.60	ppb
Lead	208-1	495.83	492.82	491.13	493.26	0.48	ppb
Lithium	6-1				88		%
Magnesium	24-2	250977.52	249287.13	247752.94	249339.20	0.65	ppb

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	CCV41	Instrumnet Name :	P7
Client Sample ID :	CCV41	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 13:52:13	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	979.18	976.64	967.24	974.35	0.65	ppb
Molybdenum	94-1	2460.85	2445.83	2436.14	2447.61	0.51	ppb
Molybdenum	95-1	2472.55	2453.21	2426.03	2450.60	0.95	ppb
Molybdenum	96-1	2453.90	2438.63	2426.51	2439.68	0.56	ppb
Molybdenum	97-1	2466.40	2442.12	2427.32	2445.28	0.81	ppb
Molybdenum	98-1	2444.67	2436.42	2425.13	2435.40	0.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	478.61	479.52	472.90	477.01	0.75	ppb
Phosphorus	31-2	9788.42	9661.19	9684.48	9711.36	0.70	ppb
Potassium	39-2	127772.55	127229.43	125780.36	126927.45	0.81	ppb
Rhodium	103-1				81		%
Rhodium	103-2				80		%
Scandium	45-1				87		%
Scandium	45-2				88		%
Selenium	77-2	502.58	498.77	460.41	487.25	4.79	ppb
Selenium	78-2	505.11	493.49	505.71	501.44	1.37	ppb
Selenium	82-1	491.11	488.82	484.46	488.13	0.69	ppb
Silicon	28-1	546.11	543.33	546.31	545.25	0.31	ppb
Silver	109-1	490.60	485.87	487.40	487.96	0.49	ppb
Silver	107-1	491.16	486.95	487.14	488.42	0.49	ppb
Sodium	23-2	249438.86	246835.22	244295.96	246856.68	1.04	ppb
Strontium	86-1	491.90	483.90	480.97	485.59	1.16	ppb
Strontium	88-1	489.40	485.50	483.08	485.99	0.66	ppb
Sulfur	34-1	9329.60	9132.41	9317.41	9259.81	1.19	ppb
Terbium	159-1				96		%
Terbium	159-2				95		%
Thallium	203-1	495.07	491.90	486.74	491.24	0.86	ppb
Thallium	205-1	498.67	500.06	499.31	499.35	0.14	ppb
Thorium	232-1	504.67	505.08	501.63	503.79	0.37	ppb
Tin	118-1	480.41	476.99	478.73	478.71	0.36	ppb
Titanium	47-1	2472.21	2425.80	2437.11	2445.04	0.99	ppb
Uranium	238-1	504.36	501.89	500.04	502.10	0.43	ppb
Vanadium	51-2	501.38	499.34	493.69	498.13	0.80	ppb
Yttrium	89-1				89		%
Yttrium	89-2				89		%

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	CCV41	Instrumnet Name :	P7
Client Sample ID :	CCV41	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 13:52:13	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	958.76	961.84	955.53	958.71	0.33	ppb
Zirconium	90-1	496.50	489.26	490.13	491.96	0.80	ppb
Zirconium	91-1	493.95	486.01	488.18	489.38	0.84	ppb

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P7
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 14:08:32	DataFile Name :	017LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.89	18.23	22.03	19.38	11.87	ppb
Antimony	121-1	1.99	2.06	2.05	2.03	1.81	ppb
Arsenic	75-2	1.10	1.00	0.93	1.01	8.32	ppb
Barium	135-1	9.83	9.51	9.53	9.62	1.88	ppb
Barium	137-1	9.92	9.85	9.66	9.81	1.36	ppb
Beryllium	9-1	1.02	1.00	1.10	1.04	4.74	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Boron	10-1	24.36	25.54	25.50	25.13	2.65	ppb
Boron	11-1	25.87	26.32	25.93	26.04	0.94	ppb
Cadmium	111-1	0.83	0.80	0.82	0.82	2.10	ppb
Cadmium	106-1	-0.99	-2.46	-2.14	-1.86		ppb
Cadmium	108-1	0.74	0.88	0.70	0.77	12.16	ppb
Calcium	43-1	471.04	476.45	495.70	481.06	2.69	ppb
Calcium	44-1	494.50	498.40	503.31	498.74	0.89	ppb
Chromium	52-2	2.03	1.80	1.90	1.91	5.91	ppb
Cobalt	59-2	0.98	0.97	1.00	0.98	1.13	ppb
Copper	63-2	1.98	1.90	1.94	1.94	2.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	58.21	58.00	59.30	58.50	1.20	ppb
Iron	57-2	63.05	60.61	61.01	61.56	2.13	ppb
Krypton	83-1						cps
Lead	206-1	0.94	0.92	0.89	0.92	2.62	ppb
Lead	207-1	0.88	0.90	0.86	0.88	1.97	ppb
Lead	208-1	0.93	0.92	0.90	0.92	1.79	ppb
Lithium	6-1				101		%
Magnesium	24-2	530.42	522.82	530.62	527.96	0.84	ppb

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P7
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 14:08:32	DataFile Name :	017LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.98	1.01	1.09	1.03	5.51	ppb
Molybdenum	94-1	4.95	4.75	4.66	4.79	3.14	ppb
Molybdenum	95-1	4.96	4.73	4.92	4.87	2.53	ppb
Molybdenum	96-1	4.98	4.98	4.76	4.91	2.56	ppb
Molybdenum	97-1	5.01	4.90	4.71	4.87	3.07	ppb
Molybdenum	98-1	4.94	4.78	4.82	4.85	1.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.99	1.10	1.06	1.05	5.32	ppb
Phosphorus	31-2	23.06	34.42	24.19	27.22	22.99	ppb
Potassium	39-2	495.00	487.15	490.62	490.92	0.80	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	7.67	8.07	2.99	6.25	45.18	ppb
Selenium	78-2	6.77	5.73	6.14	6.21	8.43	ppb
Selenium	82-1	5.35	5.09	6.04	5.49	8.88	ppb
Silicon	28-1	9.38	9.53	8.93	9.28	3.39	ppb
Silver	109-1	0.88	0.89	0.85	0.87	2.66	ppb
Silver	107-1	0.88	0.85	0.90	0.88	2.81	ppb
Sodium	23-2	502.59	487.86	494.01	494.82	1.49	ppb
Strontium	86-1	1.02	0.98	0.90	0.97	6.15	ppb
Strontium	88-1	0.89	0.91	0.90	0.90	1.22	ppb
Sulfur	34-1	-215.56	-224.17	-243.49	-227.74		ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	0.92	0.86	0.90	0.89	3.43	ppb
Thallium	205-1	0.94	0.91	0.92	0.92	1.82	ppb
Thorium	232-1	0.81	0.82	0.81	0.81	0.74	ppb
Tin	118-1	5.06	5.30	5.00	5.12	3.11	ppb
Titanium	47-1	4.85	5.03	4.67	4.85	3.69	ppb
Uranium	238-1	0.81	0.78	0.82	0.80	2.81	ppb
Vanadium	51-2	5.06	4.85	4.83	4.92	2.58	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P7
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 14:08:32	DataFile Name :	017LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1.58	1.84	1.82	1.75	8.09	ppb
Zirconium	90-1	0.87	0.90	0.84	0.87	3.14	ppb
Zirconium	91-1	0.94	0.98	0.82	0.91	8.62	ppb

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	CCB41	Instrumnet Name :	P7
Client Sample ID :	CCB41	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 14:12:07	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.61	-0.01	1.04	0.55	96.22	ppb
Antimony	121-1	0.05	0.04	0.04	0.04	9.74	ppb
Arsenic	75-2	0.02	-0.01	0.01	0.01	155.10	ppb
Barium	135-1	0.01	0.02	0.01	0.01	15.93	ppb
Barium	137-1	0.01	0.01	0.01	0.01	12.91	ppb
Beryllium	9-1	0.04	0.05	0.02	0.04	30.47	ppb
Bismuth	209-1				103		%
Bismuth	209-2				99		%
Boron	10-1	4.49	5.50	5.62	5.20	11.99	ppb
Boron	11-1	5.64	5.17	4.85	5.22	7.68	ppb
Cadmium	111-1	-0.18	-0.08	-0.09	-0.12		ppb
Cadmium	106-1	-3.48	-1.60	-1.88	-2.32		ppb
Cadmium	108-1	-0.03	0.03	0.00	0.00		ppb
Calcium	43-1	-2.67	-0.34	4.29	0.43	833.53	ppb
Calcium	44-1	0.12	0.78	0.92	0.61	70.26	ppb
Chromium	52-2	-0.02	-0.03	0.05	0.00		ppb
Cobalt	59-2	0.01	0.00	-0.01	0.00		ppb
Copper	63-2	0.05	0.00	0.01	0.02	125.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	1.83	1.12	1.32	1.42	25.62	ppb
Iron	57-2	2.23	0.96	0.90	1.36	55.28	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.02	0.03	0.03	9.56	ppb
Lead	207-1	0.03	0.02	0.03	0.03	26.03	ppb
Lead	208-1	0.02	0.02	0.03	0.02	6.62	ppb
Lithium	6-1				104		%
Magnesium	24-2	2.25	1.63	1.49	1.79	22.54	ppb

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	CCB41	Instrumnet Name :	P7
Client Sample ID :	CCB41	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 14:12:07	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.01	-0.01	0.00	3490.74	ppb
Molybdenum	94-1	0.05	0.05	0.08	0.06	29.46	ppb
Molybdenum	95-1	0.07	0.07	0.09	0.08	17.17	ppb
Molybdenum	96-1	0.07	0.07	0.08	0.07	2.78	ppb
Molybdenum	97-1	0.05	0.04	0.07	0.06	25.80	ppb
Molybdenum	98-1	0.07	0.09	0.09	0.08	10.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.04	-0.01	-0.02		ppb
Phosphorus	31-2	-36.51	-20.12	-17.50	-24.71		ppb
Potassium	39-2	-1.90	-2.44	-1.95	-2.09		ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.49	-0.03	0.08	0.18	151.16	ppb
Selenium	82-1	-0.04	-0.51	-0.39	-0.31		ppb
Silicon	28-1	-0.02	-0.35	-0.58	-0.32		ppb
Silver	109-1	0.00	0.01	0.00	0.00	90.01	ppb
Silver	107-1	0.00	0.00	0.01	0.00	36.67	ppb
Sodium	23-2	5.48	4.09	3.32	4.29	25.53	ppb
Strontium	86-1	0.03	-0.02	-0.01	0.00		ppb
Strontium	88-1	0.00	0.00	0.01	0.00	83.81	ppb
Sulfur	34-1	-296.37	-340.33	-273.65	-303.45		ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	0.04	0.04	0.04	0.04	1.59	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	5.13	ppb
Thorium	232-1	0.02	0.02	0.01	0.02	8.66	ppb
Tin	118-1	0.02	0.02	0.04	0.02	56.12	ppb
Titanium	47-1	0.01	0.01	0.00	0.01	47.30	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	19.79	ppb
Vanadium	51-2	0.01	0.00	0.01	0.01	55.14	ppb
Yttrium	89-1				102		%
Yttrium	89-2				101		%

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	CCB41	Instrumnet Name :	P7
Client Sample ID :	CCB41	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 14:12:07	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.13	-0.14	-0.03	-0.02		ppb
Zirconium	90-1	0.02	0.01	0.01	0.01	37.65	ppb
Zirconium	91-1	-0.01	0.02	0.00	0.00	728.51	ppb

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 14:15:43	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.17	20.74	20.12	20.35	1.70	ppb
Antimony	121-1	1.96	1.95	1.81	1.91	4.46	ppb
Arsenic	75-2	1.13	0.90	1.04	1.02	11.50	ppb
Barium	135-1	10.12	9.93	10.12	10.06	1.08	ppb
Barium	137-1	10.08	9.92	9.83	9.94	1.26	ppb
Beryllium	9-1	0.98	1.07	0.97	1.00	5.32	ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Boron	10-1	25.96	24.64	24.21	24.94	3.66	ppb
Boron	11-1	24.01	25.91	25.95	25.29	4.38	ppb
Cadmium	111-1	1.02	0.90	0.81	0.91	11.51	ppb
Cadmium	106-1	0.70	-1.58	-2.26	-1.05		ppb
Cadmium	108-1	1.24	0.75	0.94	0.97	25.34	ppb
Calcium	43-1	493.41	502.05	486.43	493.97	1.58	ppb
Calcium	44-1	501.01	502.59	494.66	499.42	0.84	ppb
Chromium	52-2	1.96	1.97	2.02	1.98	1.60	ppb
Cobalt	59-2	0.96	1.03	1.03	1.01	4.23	ppb
Copper	63-2	1.85	1.79	2.00	1.88	5.93	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	56.47	59.40	60.58	58.82	3.60	ppb
Iron	57-2	57.07	56.40	54.87	56.11	2.01	ppb
Krypton	83-1						cps
Lead	206-1	0.93	0.93	0.91	0.92	1.32	ppb
Lead	207-1	0.87	0.90	0.84	0.87	3.27	ppb
Lead	208-1	0.91	0.92	0.89	0.90	1.92	ppb
Lithium	6-1				104		%
Magnesium	24-2	521.52	535.87	539.89	532.43	1.81	ppb

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 14:15:43	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.01	0.98	1.01	1.00	2.09	ppb
Molybdenum	94-1	4.81	4.78	4.59	4.73	2.55	ppb
Molybdenum	95-1	4.96	4.80	4.76	4.84	2.18	ppb
Molybdenum	96-1	4.73	4.94	4.77	4.81	2.33	ppb
Molybdenum	97-1	4.91	4.82	4.76	4.83	1.59	ppb
Molybdenum	98-1	4.91	4.83	4.64	4.79	2.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.94	1.00	1.08	1.01	6.88	ppb
Phosphorus	31-2	24.32	30.82	7.41	20.85	57.96	ppb
Potassium	39-2	484.79	495.59	511.46	497.28	2.70	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				103		%
Scandium	45-2				103		%
Selenium	77-2	2.86	3.93	3.56	3.45	15.76	ppb
Selenium	78-2	4.92	3.51	5.37	4.60	21.10	ppb
Selenium	82-1	4.49	4.82	4.61	4.64	3.62	ppb
Silicon	28-1	9.53	9.55	8.97	9.35	3.54	ppb
Silver	109-1	0.89	0.85	0.91	0.88	3.32	ppb
Silver	107-1	0.88	0.88	0.86	0.87	1.09	ppb
Sodium	23-2	489.19	500.85	511.01	500.35	2.18	ppb
Strontium	86-1	0.86	0.89	0.84	0.86	2.85	ppb
Strontium	88-1	0.91	0.94	0.96	0.94	2.79	ppb
Sulfur	34-1	-150.23	-132.25	-174.82	-152.43		ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	0.88	0.87	0.92	0.89	2.70	ppb
Thallium	205-1	0.92	0.89	0.88	0.90	2.51	ppb
Thorium	232-1	0.80	0.79	0.79	0.79	0.64	ppb
Tin	118-1	5.15	5.10	5.10	5.11	0.56	ppb
Titanium	47-1	4.91	4.66	4.99	4.85	3.57	ppb
Uranium	238-1	0.81	0.79	0.77	0.79	2.22	ppb
Vanadium	51-2	5.01	5.03	5.31	5.12	3.34	ppb
Yttrium	89-1				103		%
Yttrium	89-2				103		%

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 14:15:43	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1.81	1.37	2.07	1.75	20.20	ppb
Zirconium	90-1	0.86	0.92	0.85	0.88	4.69	ppb
Zirconium	91-1	0.88	0.97	0.95	0.93	4.85	ppb

LB Number : LB103176 Operator : Jaswal
 Lab Sample ID : PB120265BL Instrumnet Name : P7
 Client Sample ID : PB120265BL Dilution Factor : 1
 Date & Time Acquired :: 2019-06-03 14:19:19 DataFile Name : 020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.01	0.30	0.49	0.26	97.58	ppb
Antimony	121-1	0.01	0.02	0.02	0.02	21.58	ppb
Arsenic	75-2	0.01	0.00	-0.01	0.00		ppb
Barium	135-1	0.01	0.00	0.00	0.00	111.84	ppb
Barium	137-1	0.00	0.01	0.01	0.01	59.02	ppb
Beryllium	9-1	0.03	0.03	0.03	0.03	6.60	ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Boron	10-1	4.18	4.07	3.78	4.01	5.19	ppb
Boron	11-1	4.51	3.62	3.79	3.97	11.79	ppb
Cadmium	111-1	-0.08	-0.08	-0.12	-0.09		ppb
Cadmium	106-1	-1.53	-1.62	-2.19	-1.78		ppb
Cadmium	108-1	-0.03	-0.03	-0.03	-0.03		ppb
Calcium	43-1	-0.39	0.31	0.92	0.28	234.52	ppb
Calcium	44-1	-0.27	0.33	0.79	0.28	189.24	ppb
Chromium	52-2	0.00	0.01	-0.02	0.00		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	-0.02	-0.02	-0.02	-0.02		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	56-2	0.55	0.75	0.50	0.60	21.97	ppb
Iron	57-2	0.28	1.07	0.13	0.49	102.02	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.01	0.01	0.01	46.64	ppb
Lead	207-1	0.01	0.01	0.01	0.01	33.98	ppb
Lead	208-1	0.01	0.01	0.01	0.01	20.18	ppb
Lithium	6-1				104		%
Magnesium	24-2	0.88	0.72	0.40	0.66	37.22	ppb

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	PB120265BL	Instrumnet Name :	P7
Client Sample ID :	PB120265BL	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 14:19:19	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	-0.01	0.01	0.00	629.32	ppb
Molybdenum	94-1	0.01	0.05	0.00	0.02	125.93	ppb
Molybdenum	95-1	0.05	0.04	0.04	0.04	9.98	ppb
Molybdenum	96-1	0.04	0.03	0.03	0.03	20.86	ppb
Molybdenum	97-1	0.03	0.04	0.05	0.04	32.15	ppb
Molybdenum	98-1	0.03	0.05	0.05	0.04	21.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	-0.03	-0.01	0.00		ppb
Phosphorus	31-2	-34.68	-24.33	-20.79	-26.60		ppb
Potassium	39-2	-1.26	2.66	-3.07	-0.56		ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				104		%
Scandium	45-2				104		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.22	0.04	-0.38	-0.18		ppb
Selenium	82-1	0.00	-0.72	-0.57	-0.43		ppb
Silicon	28-1	-0.11	-0.37	0.02	-0.16		ppb
Silver	109-1	0.01	0.00	0.00	0.00	198.37	ppb
Silver	107-1	0.00	0.01	0.00	0.00	169.58	ppb
Sodium	23-2	1.81	0.48	-0.42	0.63	179.53	ppb
Strontium	86-1	0.00	-0.02	0.01	0.00		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	157.96	ppb
Sulfur	34-1	-208.34	-165.39	-177.63	-183.79		ppb
Terbium	159-1				103		%
Terbium	159-2				104		%
Thallium	203-1	0.04	0.03	0.02	0.03	39.31	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	6.82	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	12.80	ppb
Tin	118-1	0.22	0.01	0.01	0.08	149.19	ppb
Titanium	47-1	0.03	0.03	0.00	0.02	67.26	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	59.13	ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	85.80	ppb
Yttrium	89-1				103		%
Yttrium	89-2				103		%

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	PB120265BL	Instrumnet Name :	P7
Client Sample ID :	PB120265BL	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 14:19:19	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.04	-0.14	-0.06	-0.05		ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	46.04	ppb
Zirconium	91-1	0.01	0.02	0.01	0.02	38.96	ppb

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	PB120265BS	Instrumnet Name :	P7
Client Sample ID :	PB120265BS	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 14:22:56	DataFile Name :	021LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9257.10	9355.01	11126.51	9912.87	10.61	ppb
Antimony	121-1	488.87	485.56	491.63	488.69	0.62	ppb
Arsenic	75-2	472.92	483.47	575.01	510.47	11.00	ppb
Barium	135-1	2469.19	2386.63	2484.51	2446.78	2.15	ppb
Barium	137-1	2453.58	2442.52	2481.77	2459.29	0.82	ppb
Beryllium	9-1	494.97	490.07	493.30	492.78	0.51	ppb
Bismuth	209-1				99		%
Bismuth	209-2				96		%
Boron	10-1	455.64	465.10	480.08	466.94	2.64	ppb
Boron	11-1	455.96	466.32	484.33	468.87	3.06	ppb
Cadmium	111-1	473.30	471.04	474.12	472.82	0.34	ppb
Cadmium	106-1	480.69	463.96	467.13	470.59	1.89	ppb
Cadmium	108-1	470.48	483.13	485.48	479.70	1.68	ppb
Calcium	43-1	51234.03	50001.32	50761.57	50665.64	1.23	ppb
Calcium	44-1	51289.29	50322.26	51297.90	50969.81	1.10	ppb
Chromium	52-2	458.43	467.21	557.55	494.40	11.10	ppb
Cobalt	59-2	464.23	472.42	562.10	499.58	10.87	ppb
Copper	63-2	864.33	881.06	1042.56	929.31	10.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				102		%
Indium	115-1				95		%
Indium	115-2				92		%
Iron	56-2	25115.87	25556.20	30416.47	27029.51	10.88	ppb
Iron	57-2	24968.77	25267.29	30197.91	26811.32	10.95	ppb
Krypton	83-1						cps
Lead	206-1	476.10	461.86	468.41	468.79	1.52	ppb
Lead	207-1	473.26	460.97	469.70	467.98	1.35	ppb
Lead	208-1	476.73	465.10	473.59	471.81	1.28	ppb
Lithium	6-1				95		%
Magnesium	24-2	48980.72	49859.62	58960.91	52600.42	10.51	ppb

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	PB120265BS	Instrumnet Name :	P7
Client Sample ID :	PB120265BS	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 14:22:56	DataFile Name :	021LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	915.32	933.73	1111.43	986.83	10.97	ppb
Molybdenum	94-1	2417.76	2369.53	2405.57	2397.62	1.05	ppb
Molybdenum	95-1	2428.29	2380.88	2406.99	2405.39	0.99	ppb
Molybdenum	96-1	2403.78	2378.38	2418.99	2400.38	0.85	ppb
Molybdenum	97-1	2408.80	2382.08	2409.92	2400.27	0.66	ppb
Molybdenum	98-1	2404.92	2373.17	2408.33	2395.47	0.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	463.98	472.82	568.44	501.75	11.55	ppb
Phosphorus	31-2	9355.68	9271.34	11317.91	9981.64	11.60	ppb
Potassium	39-2	23585.39	24030.45	28433.15	25349.67	10.57	ppb
Rhodium	103-1				91		%
Rhodium	103-2				90		%
Scandium	45-1				94		%
Scandium	45-2				92		%
Selenium	77-2	474.80	472.14	573.43	506.79	11.39	ppb
Selenium	78-2	466.81	466.12	562.60	498.51	11.13	ppb
Selenium	82-1	493.28	481.98	486.42	487.23	1.17	ppb
Silicon	28-1	554.96	540.40	558.50	551.29	1.74	ppb
Silver	109-1	482.18	481.36	485.03	482.86	0.40	ppb
Silver	107-1	480.17	473.25	481.67	478.36	0.94	ppb
Sodium	23-2	47592.79	48286.93	57169.67	51016.46	10.47	ppb
Strontium	86-1	481.05	468.54	478.67	476.09	1.39	ppb
Strontium	88-1	478.28	473.37	477.48	476.38	0.55	ppb
Sulfur	34-1	9468.64	8979.38	9182.31	9210.11	2.67	ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	471.30	463.82	470.69	468.60	0.89	ppb
Thallium	205-1	482.40	472.00	481.24	478.54	1.19	ppb
Thorium	232-1	464.17	459.28	463.65	462.37	0.58	ppb
Tin	118-1	489.85	483.54	490.02	487.81	0.76	ppb
Titanium	47-1	2411.15	2347.25	2390.10	2382.84	1.37	ppb
Uranium	238-1	461.24	452.90	463.84	459.33	1.24	ppb
Vanadium	51-2	459.72	470.49	555.87	495.36	10.63	ppb
Yttrium	89-1				95		%
Yttrium	89-2				94		%

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	PB120265BS	Instrumnet Name :	P7
Client Sample ID :	PB120265BS	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 14:22:56	DataFile Name :	021LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	842.83	875.05	1026.58	914.82	10.72	ppb
Zirconium	90-1	482.76	477.30	484.14	481.40	0.75	ppb
Zirconium	91-1	484.18	474.98	476.82	478.66	1.02	ppb

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3038-01	Instrumnet Name :	P7
Client Sample ID :	LF012RW035-190522	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 14:26:32	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	125.10	126.95	125.85	125.97	0.74	ppb
Antimony	121-1	5.63	5.33	4.96	5.31	6.38	ppb
Arsenic	75-2	36.90	38.21	36.75	37.28	2.15	ppb
Barium	135-1	213.14	214.30	210.43	212.62	0.94	ppb
Barium	137-1	212.64	211.98	210.31	211.64	0.57	ppb
Beryllium	9-1	0.08	0.13	0.12	0.11	21.48	ppb
Bismuth	209-1				96		%
Bismuth	209-2				88		%
Boron	10-1	256.52	259.93	252.44	256.30	1.46	ppb
Boron	11-1	268.58	265.12	263.04	265.58	1.05	ppb
Cadmium	111-1	0.11	0.02	0.01	0.04	123.32	ppb
Cadmium	106-1	-1.85	-2.57	-3.04	-2.49		ppb
Cadmium	108-1	0.19	0.35	0.07	0.20	70.81	ppb
Calcium	43-1	231823.06	233736.65	234703.32	233421.01	0.63	ppb
Calcium	44-1	231773.82	233247.40	234718.55	233246.59	0.63	ppb
Chromium	52-2	2.63	2.55	2.42	2.53	4.11	ppb
Cobalt	59-2	1.85	1.99	2.09	1.98	6.19	ppb
Copper	63-2	3.70	3.84	3.96	3.83	3.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				93		%
Indium	115-1				89		%
Indium	115-2				84		%
Iron	56-2	6683.83	6675.44	6742.04	6700.44	0.54	ppb
Iron	57-2	7177.81	7288.75	7319.98	7262.18	1.03	ppb
Krypton	83-1						cps
Lead	206-1	1.15	1.04	0.94	1.04	9.68	ppb
Lead	207-1	1.11	0.95	0.87	0.98	12.26	ppb
Lead	208-1	1.11	1.00	0.91	1.01	10.24	ppb
Lithium	6-1				100		%
Magnesium	24-2	25034.13	25023.90	25184.14	25080.72	0.36	ppb

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3038-01	Instrumnet Name :	P7
Client Sample ID :	LF012RW035-190522	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 14:26:32	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	556.61	557.19	563.01	558.93	0.63	ppb
Molybdenum	94-1	2.63	2.68	2.52	2.61	3.06	ppb
Molybdenum	95-1	2.65	2.57	2.51	2.57	2.67	ppb
Molybdenum	96-1	2.92	2.59	2.58	2.70	7.31	ppb
Molybdenum	97-1	2.74	2.60	2.62	2.65	2.81	ppb
Molybdenum	98-1	2.80	2.62	2.60	2.67	4.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.97	5.91	6.51	6.13	5.44	ppb
Phosphorus	31-2	261.67	245.60	251.74	253.00	3.21	ppb
Potassium	39-2	10943.00	11046.43	11176.63	11055.35	1.06	ppb
Rhodium	103-1				83		%
Rhodium	103-2				80		%
Scandium	45-1				83		%
Scandium	45-2				79		%
Selenium	77-2	1.21	4.21	1.83	2.42	65.56	ppb
Selenium	78-2	0.97	0.46	0.60	0.68	38.80	ppb
Selenium	82-1	1.12	1.42	1.77	1.44	22.55	ppb
Silicon	28-1	9975.25	10112.83	10099.27	10062.45	0.75	ppb
Silver	109-1	0.23	0.21	0.21	0.22	6.05	ppb
Silver	107-1	0.21	0.22	0.20	0.21	3.67	ppb
Sodium	23-2	50838.59	50471.90	50875.62	50728.70	0.44	ppb
Strontium	86-1	904.07	902.88	905.07	904.01	0.12	ppb
Strontium	88-1	909.58	911.50	913.50	911.53	0.22	ppb
Sulfur	34-1	85339.96	85566.41	85361.99	85422.79	0.15	ppb
Terbium	159-1				95		%
Terbium	159-2				92		%
Thallium	203-1	0.77	0.66	0.59	0.67	13.97	ppb
Thallium	205-1	0.80	0.69	0.57	0.69	16.66	ppb
Thorium	232-1	0.24	0.22	0.21	0.22	7.17	ppb
Tin	118-1	2.34	2.21	2.19	2.24	3.67	ppb
Titanium	47-1	3.87	3.98	4.21	4.02	4.31	ppb
Uranium	238-1	0.91	0.93	0.91	0.91	1.14	ppb
Vanadium	51-2	2.07	1.97	2.05	2.03	2.75	ppb
Yttrium	89-1				88		%
Yttrium	89-2				83		%

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3038-01	Instrumnet Name :	P7
Client Sample ID :	LF012RW035-190522	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 14:26:32	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	13.42	12.69	12.85	12.99	2.97	ppb
Zirconium	90-1	0.52	0.50	0.53	0.52	3.38	ppb
Zirconium	91-1	0.62	0.61	0.60	0.61	1.34	ppb

LB Number : LB103176 Operator : Jaswal
 Lab Sample ID : K3038-01DUP Instrumnet Name : P7
 Client Sample ID : LF012RW035-190522DU Dilution Factor : 1
 Date & Time Acquired :: 2019-06-03 14:30:09 DataFile Name : 023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	136.95	128.11	125.05	130.03	4.75	ppb
Antimony	121-1	2.61	2.54	2.47	2.54	2.66	ppb
Arsenic	75-2	39.20	38.61	38.09	38.64	1.44	ppb
Barium	135-1	220.34	218.36	218.06	218.92	0.57	ppb
Barium	137-1	220.30	219.78	218.68	219.59	0.38	ppb
Beryllium	9-1	0.06	0.06	0.07	0.06	7.82	ppb
Bismuth	209-1				89		%
Bismuth	209-2				82		%
Boron	10-1	246.51	250.77	259.82	252.37	2.69	ppb
Boron	11-1	257.28	265.63	263.66	262.19	1.67	ppb
Cadmium	111-1	-0.15	-0.11	-0.04	-0.10		ppb
Cadmium	106-1	-3.75	-2.68	-2.06	-2.83		ppb
Cadmium	108-1	0.24	0.27	0.01	0.17	83.66	ppb
Calcium	43-1	240412.34	243411.78	241913.87	241912.67	0.62	ppb
Calcium	44-1	240994.38	242812.85	242410.26	242072.50	0.39	ppb
Chromium	52-2	1.90	2.09	1.93	1.97	5.02	ppb
Cobalt	59-2	2.07	2.02	2.00	2.03	1.68	ppb
Copper	63-2	4.64	5.06	5.06	4.92	4.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				91		%
Holmium	165-2				87		%
Indium	115-1				83		%
Indium	115-2				77		%
Iron	56-2	7058.23	7078.43	7111.95	7082.87	0.38	ppb
Iron	57-2	7645.05	7744.26	7774.02	7721.11	0.87	ppb
Krypton	83-1						cps
Lead	206-1	0.76	0.68	0.67	0.70	7.05	ppb
Lead	207-1	0.70	0.65	0.63	0.66	5.51	ppb
Lead	208-1	0.73	0.67	0.66	0.69	5.17	ppb
Lithium	6-1				89		%
Magnesium	24-2	25867.45	26086.53	25985.68	25979.89	0.42	ppb

LB Number : LB103176 Operator : Jaswal
 Lab Sample ID : K3038-01DUP Instrumnet Name : P7
 Client Sample ID : LF012RW035-190522DU Dilution Factor : 1
 Date & Time Acquired :: 2019-06-03 14:30:09 DataFile Name : 023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	590.10	590.52	595.47	592.03	0.50	ppb
Molybdenum	94-1	2.23	2.19	2.19	2.20	1.20	ppb
Molybdenum	95-1	2.13	2.13	2.23	2.16	2.75	ppb
Molybdenum	96-1	2.13	2.25	2.20	2.20	2.62	ppb
Molybdenum	97-1	2.16	2.09	2.14	2.13	1.70	ppb
Molybdenum	98-1	2.09	2.22	2.07	2.13	3.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.15	6.64	6.43	6.41	3.78	ppb
Phosphorus	31-2	294.62	250.99	295.82	280.48	9.11	ppb
Potassium	39-2	11465.03	11516.33	11529.97	11503.77	0.30	ppb
Rhodium	103-1				77		%
Rhodium	103-2				74		%
Scandium	45-1				75		%
Scandium	45-2				69		%
Selenium	77-2	2.64	6.00	0.67	3.11	86.88	ppb
Selenium	78-2	0.15	0.28	0.29	0.24	31.69	ppb
Selenium	82-1	0.94	0.72	1.39	1.02	33.55	ppb
Silicon	28-1	10240.61	10256.68	10195.81	10231.03	0.31	ppb
Silver	109-1	0.13	0.18	0.11	0.14	25.84	ppb
Silver	107-1	0.13	0.17	0.13	0.14	13.30	ppb
Sodium	23-2	52306.70	52704.07	52408.81	52473.19	0.39	ppb
Strontium	86-1	940.25	937.05	937.43	938.24	0.19	ppb
Strontium	88-1	949.12	955.69	947.10	950.64	0.47	ppb
Sulfur	34-1	87504.48	88304.02	86699.07	87502.52	0.92	ppb
Terbium	159-1				90		%
Terbium	159-2				85		%
Thallium	203-1	0.19	0.21	0.19	0.20	5.84	ppb
Thallium	205-1	0.24	0.20	0.19	0.21	11.18	ppb
Thorium	232-1	0.14	0.13	0.13	0.14	5.26	ppb
Tin	118-1	1.56	1.75	1.62	1.64	6.04	ppb
Titanium	47-1	4.37	4.55	4.37	4.43	2.42	ppb
Uranium	238-1	0.95	0.96	0.96	0.96	0.58	ppb
Vanadium	51-2	2.17	2.11	1.96	2.08	5.22	ppb
Yttrium	89-1				81		%
Yttrium	89-2				76		%

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3038-01DUP	Instrumnet Name :	P7
Client Sample ID :	LF012RW035-190522DU	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 14:30:09	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	12.89	12.37	12.06	12.44	3.38	ppb
Zirconium	90-1	0.50	0.50	0.51	0.50	1.55	ppb
Zirconium	91-1	0.53	0.49	0.49	0.50	4.85	ppb

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3038-01LX5	Instrumnet Name :	P7
Client Sample ID :	LF012RW035-190522L	Dilution Factor :	5
Date & Time Acquired ::	2019-06-03 14:33:45	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24.37	27.12	24.06	25.18	6.69	ppb
Antimony	121-1	0.60	0.59	0.61	0.60	1.78	ppb
Arsenic	75-2	7.36	7.32	7.00	7.22	2.71	ppb
Barium	135-1	42.37	41.76	41.97	42.03	0.74	ppb
Barium	137-1	41.97	41.77	40.94	41.56	1.32	ppb
Beryllium	9-1	0.06	0.04	0.03	0.04	27.58	ppb
Bismuth	209-1				96		%
Bismuth	209-2				90		%
Boron	10-1	71.65	76.11	71.04	72.93	3.79	ppb
Boron	11-1	73.44	73.18	73.47	73.37	0.22	ppb
Cadmium	111-1	-0.14	-0.19	-0.11	-0.15		ppb
Cadmium	106-1	-2.76	-3.61	-2.57	-2.98		ppb
Cadmium	108-1	0.03	-0.03	-0.06	-0.02		ppb
Calcium	43-1	45222.57	45258.86	44873.08	45118.17	0.47	ppb
Calcium	44-1	45499.37	45738.23	45500.76	45579.45	0.30	ppb
Chromium	52-2	0.38	0.43	0.40	0.40	6.52	ppb
Cobalt	59-2	0.40	0.38	0.39	0.39	3.42	ppb
Copper	63-2	1.38	1.47	1.46	1.43	3.50	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				97		%
Holmium	165-2				93		%
Indium	115-1				91		%
Indium	115-2				85		%
Iron	56-2	1355.63	1362.70	1370.24	1362.85	0.54	ppb
Iron	57-2	1484.80	1449.34	1504.12	1479.42	1.88	ppb
Krypton	83-1						cps
Lead	206-1	0.25	0.25	0.23	0.24	3.14	ppb
Lead	207-1	0.21	0.22	0.23	0.22	5.29	ppb
Lead	208-1	0.24	0.23	0.23	0.23	1.98	ppb
Lithium	6-1				81		%
Magnesium	24-2	4937.42	4939.69	4971.35	4949.49	0.38	ppb

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3038-01LX5	Instrumnet Name :	P7
Client Sample ID :	LF012RW035-190522L	Dilution Factor :	5
Date & Time Acquired ::	2019-06-03 14:33:45	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	111.10	111.53	112.38	111.67	0.58	ppb
Molybdenum	94-1	0.45	0.54	0.42	0.47	13.19	ppb
Molybdenum	95-1	0.44	0.43	0.47	0.44	5.12	ppb
Molybdenum	96-1	0.41	0.48	0.41	0.44	9.74	ppb
Molybdenum	97-1	0.46	0.45	0.41	0.44	5.99	ppb
Molybdenum	98-1	0.41	0.42	0.43	0.42	2.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.25	1.15	1.28	1.23	5.62	ppb
Phosphorus	31-2	45.48	21.37	16.47	27.77	55.92	ppb
Potassium	39-2	2146.14	2179.17	2184.58	2169.97	0.96	ppb
Rhodium	103-1				87		%
Rhodium	103-2				83		%
Scandium	45-1				81		%
Scandium	45-2				77		%
Selenium	77-2	0.61	0.61	1.82	1.01	69.13	ppb
Selenium	78-2	0.39	0.39	-0.42	0.12	381.09	ppb
Selenium	82-1	-0.24	-0.05	0.17	-0.04		ppb
Silicon	28-1	1962.13	1965.82	1946.05	1958.00	0.54	ppb
Silver	109-1	0.05	0.06	0.04	0.05	16.81	ppb
Silver	107-1	0.04	0.04	0.05	0.04	11.94	ppb
Sodium	23-2	9700.39	9716.79	9793.63	9736.94	0.51	ppb
Strontium	86-1	177.43	179.51	175.26	177.40	1.20	ppb
Strontium	88-1	175.18	175.50	175.20	175.29	0.10	ppb
Sulfur	34-1	16230.69	16218.76	16110.89	16186.78	0.41	ppb
Terbium	159-1				96		%
Terbium	159-2				93		%
Thallium	203-1	0.06	0.05	0.05	0.05	9.86	ppb
Thallium	205-1	0.06	0.04	0.05	0.05	15.72	ppb
Thorium	232-1	0.04	0.04	0.03	0.03	6.32	ppb
Tin	118-1	0.23	0.17	0.19	0.20	15.24	ppb
Titanium	47-1	0.54	0.65	0.66	0.61	11.11	ppb
Uranium	238-1	0.17	0.17	0.18	0.17	2.85	ppb
Vanadium	51-2	0.42	0.41	0.38	0.40	5.78	ppb
Yttrium	89-1				88		%
Yttrium	89-2				83		%

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3038-01LX5	Instrumnet Name :	P7
Client Sample ID :	LF012RW035-190522L	Dilution Factor :	5
Date & Time Acquired ::	2019-06-03 14:33:45	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.53	2.61	2.58	2.57	1.50	ppb
Zirconium	90-1	0.08	0.10	0.09	0.09	14.00	ppb
Zirconium	91-1	0.08	0.13	0.10	0.11	26.10	ppb

LB Number : LB103176 Operator : Jaswal
 Lab Sample ID : K3038-01MS Instrumnet Name : P7
 Client Sample ID : LF012RW035-190522MS Dilution Factor : 1
 Date & Time Acquired :: 2019-06-03 14:37:22 DataFile Name : 025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9765.40	9750.94	9768.89	9761.74	0.10	ppb
Antimony	121-1	436.11	436.63	428.05	433.60	1.11	ppb
Arsenic	75-2	503.64	499.48	503.48	502.20	0.47	ppb
Barium	135-1	2584.68	2584.39	2556.32	2575.13	0.63	ppb
Barium	137-1	2625.17	2636.65	2615.44	2625.75	0.40	ppb
Beryllium	9-1	382.03	381.70	378.91	380.88	0.45	ppb
Bismuth	209-1				85		%
Bismuth	209-2				78		%
Boron	10-1	628.64	638.56	658.92	642.04	2.40	ppb
Boron	11-1	640.26	657.18	665.73	654.39	1.98	ppb
Cadmium	111-1	405.18	404.50	397.50	402.39	1.06	ppb
Cadmium	106-1	404.97	398.83	391.51	398.44	1.69	ppb
Cadmium	108-1	413.67	406.13	409.20	409.67	0.93	ppb
Calcium	43-1	276925.43	277987.33	273292.78	276068.51	0.89	ppb
Calcium	44-1	276876.65	278730.75	274122.93	276576.78	0.84	ppb
Chromium	52-2	484.21	487.79	487.27	486.43	0.40	ppb
Cobalt	59-2	496.83	496.45	496.90	496.73	0.05	ppb
Copper	63-2	985.20	990.08	995.89	990.39	0.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				89		%
Holmium	165-2				82		%
Indium	115-1				77		%
Indium	115-2				70		%
Iron	56-2	35183.64	35143.54	35297.89	35208.36	0.23	ppb
Iron	57-2	35416.27	35383.00	35664.87	35488.04	0.43	ppb
Krypton	83-1						cps
Lead	206-1	446.27	450.59	445.92	447.60	0.58	ppb
Lead	207-1	435.00	438.66	433.03	435.57	0.66	ppb
Lead	208-1	446.02	449.49	445.17	446.90	0.51	ppb
Lithium	6-1				78		%
Magnesium	24-2	71170.60	70901.71	70586.96	70886.43	0.41	ppb

LB Number : LB103176 Operator : Jaswal
 Lab Sample ID : K3038-01MS Instrumnet Name : P7
 Client Sample ID : LF012RW035-190522MS Dilution Factor : 1
 Date & Time Acquired :: 2019-06-03 14:37:22 DataFile Name : 025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1614.80	1615.47	1620.88	1617.05	0.21	ppb
Molybdenum	94-1	2512.10	2542.22	2479.70	2511.34	1.24	ppb
Molybdenum	95-1	2593.08	2625.73	2572.81	2597.21	1.03	ppb
Molybdenum	96-1	2599.23	2622.92	2565.03	2595.72	1.12	ppb
Molybdenum	97-1	2623.78	2539.20	2492.50	2551.83	2.61	ppb
Molybdenum	98-1	2621.57	2616.76	2568.61	2602.31	1.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	498.50	500.33	504.29	501.04	0.59	ppb
Phosphorus	31-2	248.87	286.41	218.24	251.17	13.59	ppb
Potassium	39-2	35964.53	36047.34	36116.39	36042.75	0.21	ppb
Rhodium	103-1				71		%
Rhodium	103-2				68		%
Scandium	45-1				68		%
Scandium	45-2				62		%
Selenium	77-2	438.05	460.45	455.43	451.31	2.60	ppb
Selenium	78-2	475.64	475.60	472.17	474.47	0.42	ppb
Selenium	82-1	464.40	459.62	453.01	459.01	1.25	ppb
Silicon	28-1	11531.24	12274.68	12364.28	12056.73	3.79	ppb
Silver	109-1	401.00	399.16	393.15	397.77	1.03	ppb
Silver	107-1	397.47	399.70	390.01	395.73	1.28	ppb
Sodium	23-2	95317.97	95006.13	95187.23	95170.44	0.16	ppb
Strontium	86-1	1346.68	1352.52	1332.14	1343.78	0.78	ppb
Strontium	88-1	1362.24	1370.47	1348.39	1360.37	0.82	ppb
Sulfur	34-1	81906.24	82976.33	80531.86	81804.81	1.50	ppb
Terbium	159-1				87		%
Terbium	159-2				81		%
Thallium	203-1	440.65	444.53	445.78	443.65	0.60	ppb
Thallium	205-1	451.89	455.90	454.03	453.94	0.44	ppb
Thorium	232-1	0.17	0.16	0.15	0.16	4.98	ppb
Tin	118-1	461.92	460.71	452.39	458.34	1.13	ppb
Titanium	47-1	2493.32	2507.94	2458.93	2486.73	1.01	ppb
Uranium	238-1	451.01	457.38	452.14	453.51	0.75	ppb
Vanadium	51-2	486.58	488.11	487.43	487.37	0.16	ppb
Yttrium	89-1				76		%
Yttrium	89-2				70		%

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3038-01MS	Instrumnet Name :	P7
Client Sample ID :	LF012RW035-190522MS	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 14:37:22	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	907.49	911.69	922.20	913.79	0.83	ppb
Zirconium	90-1	465.75	467.96	461.02	464.91	0.76	ppb
Zirconium	91-1	463.96	465.40	455.48	461.61	1.16	ppb

LB Number : LB103176 Operator : Jaswal
 Lab Sample ID : K3038-01MSD Instrumnet Name : P7
 Client Sample ID : LF012RW035-190522MS Dilution Factor : 1
 Date & Time Acquired :: 2019-06-03 14:40:59 DataFile Name : 026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9605.31	9604.36	9542.60	9584.09	0.37	ppb
Antimony	121-1	431.30	431.98	434.78	432.69	0.43	ppb
Arsenic	75-2	499.85	505.16	502.60	502.54	0.53	ppb
Barium	135-1	2564.41	2555.76	2560.66	2560.28	0.17	ppb
Barium	137-1	2605.81	2600.31	2617.14	2607.75	0.33	ppb
Beryllium	9-1	387.73	386.38	385.73	386.62	0.26	ppb
Bismuth	209-1				81		%
Bismuth	209-2				74		%
Boron	10-1	648.41	664.33	666.48	659.74	1.50	ppb
Boron	11-1	663.29	680.48	689.94	677.90	1.99	ppb
Cadmium	111-1	404.64	401.67	402.24	402.85	0.39	ppb
Cadmium	106-1	400.83	393.19	398.01	397.34	0.97	ppb
Cadmium	108-1	405.69	401.57	399.08	402.11	0.83	ppb
Calcium	43-1	273129.17	273744.93	273836.60	273570.23	0.14	ppb
Calcium	44-1	277240.91	277278.66	276849.62	277123.06	0.09	ppb
Chromium	52-2	484.03	482.06	482.64	482.91	0.21	ppb
Cobalt	59-2	498.55	494.18	496.22	496.32	0.44	ppb
Copper	63-2	993.82	985.71	988.23	989.25	0.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				84		%
Holmium	165-2				79		%
Indium	115-1				72		%
Indium	115-2				66		%
Iron	56-2	35259.22	35054.12	34959.42	35090.92	0.44	ppb
Iron	57-2	35350.01	35496.14	35485.76	35443.97	0.23	ppb
Krypton	83-1						cps
Lead	206-1	449.95	452.95	454.87	452.59	0.55	ppb
Lead	207-1	437.25	438.99	441.67	439.30	0.51	ppb
Lead	208-1	450.57	449.59	452.38	450.85	0.31	ppb
Lithium	6-1				70		%
Magnesium	24-2	69961.09	69514.20	69515.64	69663.64	0.37	ppb

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3038-01MSD	Instrumnet Name :	P7
Client Sample ID :	LF012RW035-190522MS	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 14:40:59	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1607.81	1606.99	1605.07	1606.62	0.09	ppb
Molybdenum	94-1	2539.76	2537.49	2533.34	2536.86	0.13	ppb
Molybdenum	95-1	2636.72	2628.18	2626.85	2630.58	0.20	ppb
Molybdenum	96-1	2621.68	2613.45	2612.68	2615.94	0.19	ppb
Molybdenum	97-1	2567.53	2536.19	2551.87	2551.86	0.61	ppb
Molybdenum	98-1	2618.87	2628.05	2633.28	2626.73	0.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	501.38	498.06	500.53	499.99	0.35	ppb
Phosphorus	31-2	288.39	336.85	261.64	295.62	12.90	ppb
Potassium	39-2	35613.77	35320.88	35204.71	35379.79	0.60	ppb
Rhodium	103-1				65		%
Rhodium	103-2				64		%
Scandium	45-1				62		%
Scandium	45-2				58		%
Selenium	77-2	454.42	439.68	489.37	461.16	5.53	ppb
Selenium	78-2	468.17	476.21	451.79	465.39	2.67	ppb
Selenium	82-1	453.19	454.10	457.37	454.88	0.48	ppb
Silicon	28-1	11904.28	12565.43	13016.17	12495.29	4.48	ppb
Silver	109-1	397.46	395.33	396.04	396.28	0.27	ppb
Silver	107-1	395.39	392.44	393.04	393.63	0.40	ppb
Sodium	23-2	93873.19	93116.06	93264.75	93418.00	0.43	ppb
Strontium	86-1	1368.12	1362.23	1355.29	1361.88	0.47	ppb
Strontium	88-1	1375.16	1376.29	1371.90	1374.45	0.17	ppb
Sulfur	34-1	81515.31	81183.72	81572.94	81423.99	0.26	ppb
Terbium	159-1				82		%
Terbium	159-2				77		%
Thallium	203-1	445.56	446.81	451.53	447.97	0.70	ppb
Thallium	205-1	454.89	457.86	463.29	458.68	0.93	ppb
Thorium	232-1	0.13	0.12	0.13	0.13	2.61	ppb
Tin	118-1	455.18	453.10	454.88	454.39	0.25	ppb
Titanium	47-1	2509.76	2493.49	2520.70	2507.98	0.55	ppb
Uranium	238-1	459.17	457.75	463.61	460.18	0.66	ppb
Vanadium	51-2	484.03	481.77	482.65	482.82	0.24	ppb
Yttrium	89-1				70		%
Yttrium	89-2				65		%

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3038-01MSD	Instrumnet Name :	P7
Client Sample ID :	LF012RW035-190522MS	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 14:40:59	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	906.56	911.98	912.14	910.23	0.35	ppb
Zirconium	90-1	459.11	460.35	458.30	459.25	0.23	ppb
Zirconium	91-1	475.69	469.88	467.31	470.96	0.91	ppb

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3038-01A	Instrumnet Name :	P7
Client Sample ID :	LF012RW035-190522A	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 14:44:36	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9607.17	9612.33	9460.98	9560.16	0.90	ppb
Antimony	121-1	432.54	429.83	416.87	426.41	1.96	ppb
Arsenic	75-2	496.83	495.88	492.98	495.23	0.40	ppb
Barium	135-1	2565.30	2548.93	2476.14	2530.12	1.88	ppb
Barium	137-1	2608.16	2577.20	2541.58	2575.64	1.29	ppb
Beryllium	9-1	395.81	391.74	385.75	391.10	1.29	ppb
Bismuth	209-1				79		%
Bismuth	209-2				73		%
Boron	10-1	659.83	680.43	676.84	672.37	1.64	ppb
Boron	11-1	682.86	688.49	698.92	690.09	1.18	ppb
Cadmium	111-1	401.42	395.40	386.43	394.42	1.91	ppb
Cadmium	106-1	399.38	384.59	373.41	385.79	3.38	ppb
Cadmium	108-1	399.71	395.20	386.68	393.86	1.68	ppb
Calcium	43-1	275943.82	274896.44	267645.47	272828.57	1.66	ppb
Calcium	44-1	277666.54	277571.72	272043.45	275760.57	1.17	ppb
Chromium	52-2	488.57	487.62	480.03	485.41	0.96	ppb
Cobalt	59-2	499.33	503.67	496.47	499.82	0.72	ppb
Copper	63-2	1001.70	1008.33	989.93	999.99	0.93	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				82		%
Holmium	165-2				77		%
Indium	115-1				70		%
Indium	115-2				64		%
Iron	56-2	35620.17	35709.60	35023.53	35451.10	1.05	ppb
Iron	57-2	35658.51	35860.96	35434.44	35651.30	0.60	ppb
Krypton	83-1						cps
Lead	206-1	458.99	455.24	443.25	452.49	1.82	ppb
Lead	207-1	444.67	442.76	429.51	438.98	1.88	ppb
Lead	208-1	456.67	455.09	442.20	451.32	1.76	ppb
Lithium	6-1				64		%
Magnesium	24-2	70413.95	70199.86	68534.17	69716.00	1.48	ppb

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3038-01A	Instrumnet Name :	P7
Client Sample ID :	LF012RW035-190522A	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 14:44:36	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1626.62	1627.67	1602.94	1619.08	0.86	ppb
Molybdenum	94-1	2542.23	2526.49	2470.29	2513.00	1.50	ppb
Molybdenum	95-1	2631.62	2623.98	2560.74	2605.45	1.49	ppb
Molybdenum	96-1	2632.78	2614.30	2556.80	2601.29	1.52	ppb
Molybdenum	97-1	2578.80	2569.37	2489.39	2545.86	1.93	ppb
Molybdenum	98-1	2643.01	2637.17	2555.94	2612.04	1.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	505.15	503.97	499.98	503.03	0.54	ppb
Phosphorus	31-2	268.67	214.85	238.59	240.70	11.21	ppb
Potassium	39-2	35535.13	35717.04	34799.29	35350.48	1.37	ppb
Rhodium	103-1				63		%
Rhodium	103-2				61		%
Scandium	45-1				58		%
Scandium	45-2				54		%
Selenium	77-2	465.68	487.43	462.06	471.72	2.91	ppb
Selenium	78-2	459.92	440.38	451.81	450.70	2.18	ppb
Selenium	82-1	450.99	450.75	438.56	446.77	1.59	ppb
Silicon	28-1	11853.37	12593.29	12806.85	12417.84	4.03	ppb
Silver	109-1	397.14	390.14	380.17	389.15	2.19	ppb
Silver	107-1	389.76	386.74	377.28	384.59	1.69	ppb
Sodium	23-2	94089.46	94086.49	92194.92	93456.96	1.17	ppb
Strontium	86-1	1362.10	1349.97	1330.21	1347.43	1.19	ppb
Strontium	88-1	1373.56	1369.12	1338.66	1360.45	1.40	ppb
Sulfur	34-1	81835.14	80940.77	79378.61	80718.17	1.54	ppb
Terbium	159-1				80		%
Terbium	159-2				75		%
Thallium	203-1	452.94	450.92	440.58	448.15	1.48	ppb
Thallium	205-1	463.04	461.79	448.68	457.84	1.74	ppb
Thorium	232-1	0.12	0.12	0.11	0.12	2.80	ppb
Tin	118-1	456.24	455.88	439.75	450.62	2.09	ppb
Titanium	47-1	2511.33	2512.34	2460.53	2494.74	1.19	ppb
Uranium	238-1	462.56	466.51	449.84	459.64	1.89	ppb
Vanadium	51-2	485.52	487.63	479.89	484.35	0.83	ppb
Yttrium	89-1				68		%
Yttrium	89-2				62		%

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3038-01A	Instrumnet Name :	P7
Client Sample ID :	LF012RW035-190522A	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 14:44:36	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	925.65	930.05	913.47	923.06	0.93	ppb
Zirconium	90-1	464.61	456.48	448.24	456.44	1.79	ppb
Zirconium	91-1	472.13	467.13	456.92	465.39	1.67	ppb

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3038-02	Instrumnet Name :	P7
Client Sample ID :	LF012MW028-190522	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 14:48:11	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25.13	26.47	26.53	26.04	3.04	ppb
Antimony	121-1	1.09	1.10	1.09	1.09	0.90	ppb
Arsenic	75-2	14.20	14.36	13.57	14.04	2.98	ppb
Barium	135-1	127.94	125.54	126.00	126.49	1.01	ppb
Barium	137-1	127.85	128.09	127.65	127.86	0.17	ppb
Beryllium	9-1	0.16	0.20	0.13	0.16	19.33	ppb
Bismuth	209-1				80		%
Bismuth	209-2				73		%
Boron	10-1	456.28	465.49	467.70	463.16	1.31	ppb
Boron	11-1	473.82	474.38	485.08	477.76	1.33	ppb
Cadmium	111-1	0.55	0.44	0.47	0.49	12.07	ppb
Cadmium	106-1	-4.18	-5.29	-4.48	-4.65		ppb
Cadmium	108-1	0.62	0.76	0.61	0.66	12.48	ppb
Calcium	43-1	228201.68	227156.85	227071.07	227476.53	0.28	ppb
Calcium	44-1	230015.40	231273.98	232446.37	231245.25	0.53	ppb
Chromium	52-2	2.16	2.24	2.18	2.19	1.98	ppb
Cobalt	59-2	1.84	1.96	1.88	1.90	3.35	ppb
Copper	63-2	11.24	11.77	11.30	11.44	2.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				81		%
Holmium	165-2				75		%
Indium	115-1				70		%
Indium	115-2				64		%
Iron	56-2	14978.02	15659.61	15074.37	15237.33	2.42	ppb
Iron	57-2	15419.95	16127.59	15441.94	15663.16	2.57	ppb
Krypton	83-1						cps
Lead	206-1	9.06	9.13	9.16	9.12	0.55	ppb
Lead	207-1	8.47	8.39	8.34	8.40	0.78	ppb
Lead	208-1	8.88	8.67	8.69	8.75	1.31	ppb
Lithium	6-1				61		%
Magnesium	24-2	31567.06	33091.01	32081.69	32246.59	2.40	ppb

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3038-02	Instrumnet Name :	P7
Client Sample ID :	LF012MW028-190522	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 14:48:11	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	621.50	650.70	629.09	633.76	2.39	ppb
Molybdenum	94-1	2.06	2.20	1.98	2.08	5.32	ppb
Molybdenum	95-1	2.50	2.36	2.42	2.43	2.86	ppb
Molybdenum	96-1	2.46	2.43	2.30	2.40	3.49	ppb
Molybdenum	97-1	2.43	2.32	2.21	2.32	4.65	ppb
Molybdenum	98-1	2.49	2.34	2.28	2.37	4.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.76	6.39	6.23	6.13	5.33	ppb
Phosphorus	31-2	125.89	108.79	92.29	108.99	15.42	ppb
Potassium	39-2	9635.22	10184.87	9782.38	9867.49	2.88	ppb
Rhodium	103-1				63		%
Rhodium	103-2				61		%
Scandium	45-1				56		%
Scandium	45-2				52		%
Selenium	77-2	3.26	2.55	0.00	1.94	88.50	ppb
Selenium	78-2	-0.17	-0.51	-0.15	-0.28		ppb
Selenium	82-1	2.21	1.84	1.98	2.01	9.34	ppb
Silicon	28-1	13148.50	13142.30	13119.68	13136.83	0.12	ppb
Silver	109-1	0.14	0.14	0.13	0.14	3.95	ppb
Silver	107-1	0.12	0.16	0.14	0.14	12.64	ppb
Sodium	23-2	64511.90	67510.86	65110.96	65711.24	2.42	ppb
Strontium	86-1	932.49	920.45	919.18	924.04	0.79	ppb
Strontium	88-1	937.51	925.34	936.61	933.16	0.73	ppb
Sulfur	34-1	50867.10	50880.03	50611.48	50786.20	0.30	ppb
Terbium	159-1				80		%
Terbium	159-2				74		%
Thallium	203-1	0.23	0.18	0.14	0.18	26.96	ppb
Thallium	205-1	0.21	0.19	0.15	0.18	16.10	ppb
Thorium	232-1	0.02	0.02	0.02	0.02	3.31	ppb
Tin	118-1	2.21	2.11	2.19	2.17	2.35	ppb
Titanium	47-1	3.19	3.45	3.13	3.26	5.31	ppb
Uranium	238-1	0.20	0.18	0.18	0.19	6.46	ppb
Vanadium	51-2	1.16	1.17	1.11	1.15	2.98	ppb
Yttrium	89-1				66		%
Yttrium	89-2				61		%

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3038-02	Instrumnet Name :	P7
Client Sample ID :	LF012MW028-190522	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 14:48:11	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	23.94	23.94	25.04	24.31	2.60	ppb
Zirconium	90-1	0.37	0.38	0.34	0.36	5.67	ppb
Zirconium	91-1	0.24	0.36	0.40	0.33	25.04	ppb

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	CCV42	Instrumnet Name :	P7
Client Sample ID :	CCV42	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 15:03:16	DataFile Name :	029CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52786.45	52292.80	52761.42	52613.56	0.53	ppb
Antimony	121-1	459.20	462.80	461.87	461.29	0.40	ppb
Arsenic	75-2	508.37	515.81	509.67	511.28	0.78	ppb
Barium	135-1	2358.82	2376.98	2354.06	2363.29	0.51	ppb
Barium	137-1	2424.63	2432.06	2423.01	2426.57	0.20	ppb
Beryllium	9-1	496.21	499.78	494.14	496.71	0.57	ppb
Bismuth	209-1				77		%
Bismuth	209-2				75		%
Boron	10-1	467.21	478.42	487.94	477.86	2.17	ppb
Boron	11-1	472.19	493.13	491.53	485.62	2.40	ppb
Cadmium	111-1	466.26	469.90	470.89	469.02	0.52	ppb
Cadmium	106-1	469.37	458.17	461.63	463.06	1.24	ppb
Cadmium	108-1	465.22	470.49	473.51	469.74	0.89	ppb
Calcium	43-1	247673.71	249304.80	248280.14	248419.55	0.33	ppb
Calcium	44-1	251466.00	252472.68	250782.78	251573.82	0.34	ppb
Chromium	52-2	511.57	509.57	506.53	509.22	0.50	ppb
Cobalt	59-2	509.71	507.95	507.99	508.55	0.20	ppb
Copper	63-2	1035.22	1031.86	1030.29	1032.46	0.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				84		%
Holmium	165-2				83		%
Indium	115-1				72		%
Indium	115-2				71		%
Iron	56-2	134654.03	133497.73	132918.36	133690.04	0.66	ppb
Iron	57-2	132437.23	132479.53	132221.37	132379.38	0.10	ppb
Krypton	83-1						cps
Lead	206-1	482.54	485.21	479.59	482.45	0.58	ppb
Lead	207-1	483.69	484.06	482.94	483.56	0.12	ppb
Lead	208-1	489.43	492.35	488.74	490.17	0.39	ppb
Lithium	6-1				63		%
Magnesium	24-2	248248.06	245453.02	246487.80	246729.62	0.57	ppb

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	CCV42	Instrumnet Name :	P7
Client Sample ID :	CCV42	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 15:03:16	DataFile Name :	029CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1007.25	1004.27	1005.63	1005.72	0.15	ppb
Molybdenum	94-1	2455.89	2483.30	2464.95	2468.05	0.57	ppb
Molybdenum	95-1	2456.00	2495.38	2470.96	2474.11	0.80	ppb
Molybdenum	96-1	2466.27	2468.68	2468.52	2467.82	0.05	ppb
Molybdenum	97-1	2378.09	2396.83	2383.59	2386.17	0.40	ppb
Molybdenum	98-1	2459.99	2469.57	2453.91	2461.16	0.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	499.29	497.16	499.47	498.64	0.26	ppb
Phosphorus	31-2	9803.33	9757.97	9501.12	9687.47	1.68	ppb
Potassium	39-2	126465.74	126135.05	126755.74	126452.18	0.25	ppb
Rhodium	103-1				64		%
Rhodium	103-2				67		%
Scandium	45-1				66		%
Scandium	45-2				67		%
Selenium	77-2	465.55	502.68	488.59	485.60	3.86	ppb
Selenium	78-2	486.39	500.81	501.22	496.14	1.70	ppb
Selenium	82-1	475.67	473.51	477.51	475.56	0.42	ppb
Silicon	28-1	528.06	539.56	538.76	535.46	1.20	ppb
Silver	109-1	471.67	475.91	472.83	473.47	0.46	ppb
Silver	107-1	467.90	469.66	472.79	470.11	0.53	ppb
Sodium	23-2	244905.68	242812.56	243321.09	243679.78	0.45	ppb
Strontium	86-1	473.38	478.90	477.45	476.58	0.60	ppb
Strontium	88-1	481.15	487.90	484.56	484.54	0.70	ppb
Sulfur	34-1	8996.04	9083.07	9017.14	9032.08	0.50	ppb
Terbium	159-1				82		%
Terbium	159-2				81		%
Thallium	203-1	483.29	487.21	481.30	483.93	0.62	ppb
Thallium	205-1	497.04	501.86	493.88	497.59	0.81	ppb
Thorium	232-1	503.53	512.30	505.77	507.20	0.90	ppb
Tin	118-1	462.91	468.06	462.53	464.50	0.67	ppb
Titanium	47-1	2460.71	2479.87	2459.62	2466.73	0.46	ppb
Uranium	238-1	505.75	510.67	501.32	505.91	0.92	ppb
Vanadium	51-2	516.27	514.20	513.97	514.81	0.25	ppb
Yttrium	89-1				72		%
Yttrium	89-2				73		%

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	CCV42	Instrumnet Name :	P7
Client Sample ID :	CCV42	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 15:03:16	DataFile Name :	029CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1016.41	1011.33	1012.64	1013.46	0.26	ppb
Zirconium	90-1	492.09	495.98	489.60	492.56	0.65	ppb
Zirconium	91-1	484.96	489.12	484.23	486.11	0.54	ppb

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	CCB42	Instrumnet Name :	P7
Client Sample ID :	CCB42	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 15:07:26	DataFile Name :	030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.14	3.03	2.60	2.59	17.18	ppb
Antimony	121-1	0.30	0.31	0.31	0.31	2.04	ppb
Arsenic	75-2	0.08	0.06	0.05	0.06	25.78	ppb
Barium	135-1	0.16	0.12	0.10	0.13	23.43	ppb
Barium	137-1	0.12	0.16	0.11	0.13	21.30	ppb
Beryllium	9-1	0.12	0.12	0.13	0.12	4.46	ppb
Bismuth	209-1				90		%
Bismuth	209-2				87		%
Boron	10-1	24.77	21.17	21.76	22.57	8.56	ppb
Boron	11-1	23.19	21.49	20.32	21.67	6.67	ppb
Cadmium	111-1	-0.11	-0.09	-0.14	-0.11		ppb
Cadmium	106-1	-3.07	-2.48	-3.35	-2.97		ppb
Cadmium	108-1	0.04	0.04	0.01	0.03	61.21	ppb
Calcium	43-1	13.94	12.35	9.01	11.77	21.36	ppb
Calcium	44-1	12.67	12.58	11.83	12.36	3.74	ppb
Chromium	52-2	0.02	0.01	0.03	0.02	62.54	ppb
Cobalt	59-2	0.00	0.00	0.01	0.01	168.90	ppb
Copper	63-2	0.17	0.20	0.18	0.18	7.22	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				87		%
Holmium	165-2				89		%
Indium	115-1				82		%
Indium	115-2				81		%
Iron	56-2	5.27	4.81	5.17	5.08	4.76	ppb
Iron	57-2	5.30	3.75	6.83	5.29	29.10	ppb
Krypton	83-1						cps
Lead	206-1	0.12	0.10	0.10	0.11	12.31	ppb
Lead	207-1	0.12	0.12	0.09	0.11	14.59	ppb
Lead	208-1	0.11	0.10	0.09	0.10	9.55	ppb
Lithium	6-1				70		%
Magnesium	24-2	8.13	6.85	7.29	7.42	8.75	ppb

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	CCB42	Instrumnet Name :	P7
Client Sample ID :	CCB42	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 15:07:26	DataFile Name :	030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.04	0.03	0.03	0.03	15.67	ppb
Molybdenum	94-1	0.44	0.41	0.32	0.39	15.32	ppb
Molybdenum	95-1	0.55	0.39	0.40	0.45	19.85	ppb
Molybdenum	96-1	0.46	0.52	0.37	0.45	17.46	ppb
Molybdenum	97-1	0.43	0.47	0.48	0.46	6.46	ppb
Molybdenum	98-1	0.51	0.43	0.44	0.46	9.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.03	-0.06	-0.04		ppb
Phosphorus	31-2	-14.19	-28.48	-19.66	-20.78		ppb
Potassium	39-2	-3.44	-1.81	-3.58	-2.94		ppb
Rhodium	103-1				79		%
Rhodium	103-2				80		%
Scandium	45-1				72		%
Scandium	45-2				72		%
Selenium	77-2	0.64	0.00	0.00	0.21	173.21	ppb
Selenium	78-2	-0.64	0.42	0.20	-0.01		ppb
Selenium	82-1	0.72	0.51	-0.29	0.31	170.26	ppb
Silicon	28-1	5.26	5.07	4.19	4.84	11.75	ppb
Silver	109-1	0.06	0.04	0.04	0.05	20.03	ppb
Silver	107-1	0.03	0.05	0.04	0.04	21.82	ppb
Sodium	23-2	12.01	13.52	10.83	12.12	11.13	ppb
Strontium	86-1	0.00	0.02	0.06	0.03	104.88	ppb
Strontium	88-1	0.03	0.03	0.03	0.03	7.24	ppb
Sulfur	34-1	-518.07	-612.81	-582.40	-571.09		ppb
Terbium	159-1				86		%
Terbium	159-2				88		%
Thallium	203-1	0.10	0.12	0.11	0.11	6.25	ppb
Thallium	205-1	0.11	0.10	0.09	0.10	8.89	ppb
Thorium	232-1	0.06	0.06	0.06	0.06	1.88	ppb
Tin	118-1	0.08	0.10	0.08	0.09	12.39	ppb
Titanium	47-1	0.16	0.08	0.12	0.12	35.43	ppb
Uranium	238-1	0.02	0.03	0.02	0.02	15.44	ppb
Vanadium	51-2	0.02	0.00	0.02	0.01	64.52	ppb
Yttrium	89-1				78		%
Yttrium	89-2				79		%

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	CCB42	Instrumnet Name :	P7
Client Sample ID :	CCB42	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 15:07:26	DataFile Name :	030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.10	0.07	-0.07	-0.03		ppb
Zirconium	90-1	0.03	0.04	0.04	0.04	15.39	ppb
Zirconium	91-1	0.03	0.02	0.04	0.03	30.28	ppb

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3038-03	Instrumnet Name :	P7
Client Sample ID :	LF012MW200-190522	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 15:11:02	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	58.53	53.40	58.38	56.77	5.15	ppb
Antimony	121-1	1.92	1.90	1.79	1.87	3.69	ppb
Arsenic	75-2	7.69	8.23	7.77	7.90	3.72	ppb
Barium	135-1	72.39	72.25	74.11	72.92	1.42	ppb
Barium	137-1	72.82	72.04	73.86	72.91	1.26	ppb
Beryllium	9-1	0.11	0.06	0.07	0.08	30.23	ppb
Bismuth	209-1				82		%
Bismuth	209-2				77		%
Boron	10-1	970.68	970.22	1006.80	982.56	2.14	ppb
Boron	11-1	1005.40	1012.54	1035.36	1017.77	1.54	ppb
Cadmium	111-1	-0.08	-0.05	-0.11	-0.08		ppb
Cadmium	106-1	-4.73	-3.66	-4.34	-4.24		ppb
Cadmium	108-1	0.52	0.27	0.23	0.34	46.52	ppb
Calcium	43-1	250173.54	250018.90	255262.45	251818.30	1.18	ppb
Calcium	44-1	251686.36	253489.14	259033.95	254736.48	1.50	ppb
Chromium	52-2	1.54	1.59	1.35	1.49	8.62	ppb
Cobalt	59-2	1.58	1.52	1.49	1.53	3.08	ppb
Copper	63-2	5.21	5.28	5.53	5.34	3.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				84		%
Holmium	165-2				81		%
Indium	115-1				74		%
Indium	115-2				70		%
Iron	56-2	6131.64	6095.92	5977.00	6068.18	1.33	ppb
Iron	57-2	6752.36	6755.68	6623.06	6710.37	1.13	ppb
Krypton	83-1						cps
Lead	206-1	0.75	0.68	0.68	0.70	5.21	ppb
Lead	207-1	0.67	0.64	0.63	0.65	3.41	ppb
Lead	208-1	0.70	0.65	0.66	0.67	4.06	ppb
Lithium	6-1				68		%
Magnesium	24-2	46177.99	45913.61	44877.46	45656.36	1.51	ppb

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3038-03	Instrumnet Name :	P7
Client Sample ID :	LF012MW200-190522	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 15:11:02	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	773.18	774.77	755.77	767.91	1.37	ppb
Molybdenum	94-1	1.89	1.85	1.95	1.90	2.72	ppb
Molybdenum	95-1	2.06	1.93	2.01	2.00	3.34	ppb
Molybdenum	96-1	2.06	1.97	2.13	2.05	4.06	ppb
Molybdenum	97-1	1.91	2.02	2.01	1.98	2.93	ppb
Molybdenum	98-1	2.21	2.00	2.10	2.10	4.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.66	6.58	6.18	6.47	3.98	ppb
Phosphorus	31-2	8.51	8.59	11.03	9.38	15.26	ppb
Potassium	39-2	8907.89	8818.72	8711.19	8812.60	1.12	ppb
Rhodium	103-1				66		%
Rhodium	103-2				66		%
Scandium	45-1				62		%
Scandium	45-2				59		%
Selenium	77-2	1.50	2.26	2.97	2.24	32.86	ppb
Selenium	78-2	-0.44	0.69	0.78	0.34	197.20	ppb
Selenium	82-1	1.76	1.57	2.24	1.86	18.72	ppb
Silicon	28-1	11371.31	11380.71	11576.69	11442.90	1.01	ppb
Silver	109-1	0.22	0.16	0.17	0.18	17.51	ppb
Silver	107-1	0.19	0.15	0.22	0.19	18.57	ppb
Sodium	23-2	91452.20	91076.52	88736.60	90421.77	1.63	ppb
Strontium	86-1	1404.62	1404.07	1410.76	1406.49	0.26	ppb
Strontium	88-1	1423.65	1419.73	1446.15	1429.84	1.00	ppb
Sulfur	34-1	104259.35	104380.94	105733.82	104791.37	0.78	ppb
Terbium	159-1				82		%
Terbium	159-2				79		%
Thallium	203-1	0.32	0.26	0.19	0.26	24.40	ppb
Thallium	205-1	0.32	0.26	0.22	0.27	19.10	ppb
Thorium	232-1	0.08	0.06	0.06	0.07	14.95	ppb
Tin	118-1	2.01	1.82	1.91	1.91	5.09	ppb
Titanium	47-1	2.27	2.35	2.55	2.39	5.94	ppb
Uranium	238-1	1.15	1.12	1.17	1.15	2.51	ppb
Vanadium	51-2	1.32	1.38	1.28	1.32	4.13	ppb
Yttrium	89-1				71		%
Yttrium	89-2				68		%

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3038-03	Instrumnet Name :	P7
Client Sample ID :	LF012MW200-190522	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 15:11:02	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	830.28	837.52	809.49	825.76	1.76	ppb
Zirconium	90-1	0.28	0.26	0.29	0.28	5.05	ppb
Zirconium	91-1	0.30	0.29	0.27	0.29	4.76	ppb

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3038-04	Instrumnet Name :	P7
Client Sample ID :	LF012OW009-190523	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 15:14:38	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	30.69	27.29	24.00	27.33	12.25	ppb
Antimony	121-1	1.19	1.22	1.28	1.23	3.89	ppb
Arsenic	75-2	9.32	8.67	7.56	8.52	10.50	ppb
Barium	135-1	219.09	218.97	218.35	218.81	0.18	ppb
Barium	137-1	218.67	216.53	216.93	217.38	0.52	ppb
Beryllium	9-1	0.10	0.05	0.06	0.07	36.50	ppb
Bismuth	209-1				79		%
Bismuth	209-2				61		%
Boron	10-1	318.10	330.73	317.09	321.97	2.36	ppb
Boron	11-1	333.50	337.89	332.73	334.71	0.83	ppb
Cadmium	111-1	-0.30	-0.28	-0.24	-0.27		ppb
Cadmium	106-1	-6.08	-5.38	-5.24	-5.57		ppb
Cadmium	108-1	-0.02	0.29	0.06	0.11	149.30	ppb
Calcium	43-1	168990.06	170220.86	169374.77	169528.56	0.37	ppb
Calcium	44-1	171464.73	172220.88	171352.20	171679.27	0.28	ppb
Chromium	52-2	1.44	1.26	0.84	1.18	26.46	ppb
Cobalt	59-2	0.71	0.59	0.44	0.58	23.48	ppb
Copper	63-2	5.54	5.21	4.30	5.02	12.89	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				79		%
Holmium	165-2				62		%
Indium	115-1				67		%
Indium	115-2				52		%
Iron	56-2	11573.21	10438.74	8581.55	10197.83	14.81	ppb
Iron	57-2	11931.61	10780.24	8961.31	10557.72	14.18	ppb
Krypton	83-1						cps
Lead	206-1	0.33	0.35	0.32	0.33	3.88	ppb
Lead	207-1	0.31	0.31	0.31	0.31	1.10	ppb
Lead	208-1	0.32	0.33	0.31	0.32	3.79	ppb
Lithium	6-1				57		%
Magnesium	24-2	29336.43	26352.72	21540.53	25743.22	15.28	ppb

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3038-04	Instrumnet Name :	P7
Client Sample ID :	LF012OW009-190523	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 15:14:38	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	621.20	560.42	464.79	548.80	14.37	ppb
Molybdenum	94-1	1.18	1.15	1.15	1.16	1.23	ppb
Molybdenum	95-1	1.35	1.43	1.24	1.34	7.05	ppb
Molybdenum	96-1	1.33	1.46	1.51	1.43	6.44	ppb
Molybdenum	97-1	1.40	1.42	1.28	1.37	5.57	ppb
Molybdenum	98-1	1.33	1.27	1.34	1.31	2.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.90	1.81	1.26	1.66	20.73	ppb
Phosphorus	31-2	159.58	91.62	102.95	118.05	30.84	ppb
Potassium	39-2	8604.73	7713.45	6390.47	7569.55	14.72	ppb
Rhodium	103-1				61		%
Rhodium	103-2				50		%
Scandium	45-1				53		%
Scandium	45-2				42		%
Selenium	77-2	3.55	0.00	0.89	1.48	124.77	ppb
Selenium	78-2	2.38	-0.02	1.17	1.18	102.03	ppb
Selenium	82-1	1.08	0.98	1.33	1.13	15.97	ppb
Silicon	28-1	10311.37	10314.89	10257.73	10294.67	0.31	ppb
Silver	109-1	0.12	0.11	0.10	0.11	9.31	ppb
Silver	107-1	0.10	0.13	0.12	0.12	14.02	ppb
Sodium	23-2	60955.84	54772.92	45053.91	53594.23	14.96	ppb
Strontium	86-1	785.77	776.80	774.81	779.13	0.75	ppb
Strontium	88-1	792.99	791.05	789.38	791.14	0.23	ppb
Sulfur	34-1	28927.77	28939.52	28775.65	28880.98	0.32	ppb
Terbium	159-1				77		%
Terbium	159-2				61		%
Thallium	203-1	0.08	0.07	0.07	0.08	8.17	ppb
Thallium	205-1	0.08	0.07	0.07	0.07	4.82	ppb
Thorium	232-1	0.03	0.03	0.03	0.03	5.93	ppb
Tin	118-1	1.52	1.72	1.48	1.57	8.22	ppb
Titanium	47-1	2.73	3.28	3.61	3.21	13.84	ppb
Uranium	238-1	0.43	0.46	0.42	0.44	5.21	ppb
Vanadium	51-2	0.84	0.68	0.59	0.70	17.78	ppb
Yttrium	89-1				64		%
Yttrium	89-2				49		%

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3038-04	Instrumnet Name :	P7
Client Sample ID :	LF012OW009-190523	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 15:14:38	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	8.64	7.02	5.90	7.19	19.15	ppb
Zirconium	90-1	0.14	0.12	0.15	0.13	11.53	ppb
Zirconium	91-1	0.12	0.17	0.21	0.17	25.91	ppb

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3038-05	Instrumnet Name :	P7
Client Sample ID :	LF012MW001-190523	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 15:18:14	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.30	15.36	15.33	15.66	3.53	ppb
Antimony	121-1	0.90	0.96	0.94	0.93	3.17	ppb
Arsenic	75-2	6.80	7.22	6.53	6.85	5.06	ppb
Barium	135-1	38.82	37.69	38.31	38.27	1.48	ppb
Barium	137-1	38.73	38.86	38.16	38.58	0.97	ppb
Beryllium	9-1	0.09	0.04	0.07	0.07	35.92	ppb
Bismuth	209-1				72		%
Bismuth	209-2				68		%
Boron	10-1	857.94	867.43	906.59	877.32	2.94	ppb
Boron	11-1	892.89	913.20	940.26	915.45	2.60	ppb
Cadmium	111-1	-0.23	-0.25	-0.29	-0.25		ppb
Cadmium	106-1	-4.71	-5.78	-5.95	-5.48		ppb
Cadmium	108-1	0.07	0.10	-0.02	0.05	127.45	ppb
Calcium	43-1	517840.16	524798.15	520403.02	521013.78	0.68	ppb
Calcium	44-1	519823.73	522430.83	521092.49	521115.68	0.25	ppb
Chromium	52-2	1.42	1.24	1.32	1.32	6.69	ppb
Cobalt	59-2	1.13	1.13	1.18	1.15	2.56	ppb
Copper	63-2	4.11	4.22	4.54	4.29	5.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				75		%
Holmium	165-2				73		%
Indium	115-1				62		%
Indium	115-2				60		%
Iron	56-2	14282.11	14265.03	14532.48	14359.88	1.04	ppb
Iron	57-2	15416.33	15519.11	15765.38	15566.94	1.15	ppb
Krypton	83-1						cps
Lead	206-1	0.32	0.25	0.27	0.28	12.62	ppb
Lead	207-1	0.28	0.26	0.28	0.27	3.00	ppb
Lead	208-1	0.28	0.26	0.27	0.27	4.17	ppb
Lithium	6-1				54		%
Magnesium	24-2	123343.63	122989.61	125020.14	123784.46	0.88	ppb

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3038-05	Instrumnet Name :	P7
Client Sample ID :	LF012MW001-190523	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 15:18:14	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	430.38	428.49	433.08	430.65	0.54	ppb
Molybdenum	94-1	0.86	0.90	0.99	0.92	7.23	ppb
Molybdenum	95-1	1.08	1.16	1.14	1.13	3.77	ppb
Molybdenum	96-1	1.18	1.13	1.15	1.15	2.19	ppb
Molybdenum	97-1	1.18	1.06	1.07	1.10	6.07	ppb
Molybdenum	98-1	1.06	1.09	1.14	1.10	3.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.90	4.08	4.30	4.09	4.84	ppb
Phosphorus	31-2	2.90	-1.65	24.95	8.73	162.98	ppb
Potassium	39-2	12484.07	12501.25	12869.42	12618.25	1.73	ppb
Rhodium	103-1				56		%
Rhodium	103-2				56		%
Scandium	45-1				50		%
Scandium	45-2				49		%
Selenium	77-2	0.88	1.74	1.74	1.45	34.09	ppb
Selenium	78-2	0.27	-0.77	0.09	-0.14		ppb
Selenium	82-1	1.20	1.32	0.90	1.14	18.79	ppb
Silicon	28-1	11483.85	11504.10	11519.09	11502.35	0.15	ppb
Silver	109-1	0.20	0.13	0.14	0.16	22.62	ppb
Silver	107-1	0.16	0.15	0.14	0.15	7.83	ppb
Sodium	23-2	145491.49	145197.76	148041.99	146243.75	1.07	ppb
Strontium	86-1	3525.06	3555.83	3546.12	3542.34	0.44	ppb
Strontium	88-1	3456.25	3510.90	3502.05	3489.73	0.84	ppb
Sulfur	34-1	435268.47	438370.31	437362.49	437000.42	0.36	ppb
Terbium	159-1				73		%
Terbium	159-2				71		%
Thallium	203-1	0.03	0.04	0.04	0.04	7.31	ppb
Thallium	205-1	0.04	0.03	0.03	0.03	19.28	ppb
Thorium	232-1	0.03	0.02	0.02	0.02	18.23	ppb
Tin	118-1	1.19	1.24	1.30	1.25	4.35	ppb
Titanium	47-1	1.95	1.61	2.14	1.90	14.23	ppb
Uranium	238-1	0.97	1.01	0.99	0.99	2.15	ppb
Vanadium	51-2	0.87	1.05	0.95	0.96	9.09	ppb
Yttrium	89-1				60		%
Yttrium	89-2				58		%

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3038-05	Instrumnet Name :	P7
Client Sample ID :	LF012MW001-190523	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 15:18:14	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	4.25	3.62	3.86	3.91	8.03	ppb
Zirconium	90-1	0.16	0.16	0.18	0.16	6.67	ppb
Zirconium	91-1	0.19	0.20	0.19	0.19	4.51	ppb

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	CCV43	Instrumnet Name :	P7
Client Sample ID :	CCV43	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 15:26:34	DataFile Name :	034CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51069.99	50280.44	50964.10	50771.51	0.84	ppb
Antimony	121-1	454.77	452.73	445.05	450.85	1.14	ppb
Arsenic	75-2	507.29	494.42	503.66	501.79	1.32	ppb
Barium	135-1	2353.52	2317.17	2300.01	2323.57	1.18	ppb
Barium	137-1	2386.98	2385.83	2342.82	2371.88	1.06	ppb
Beryllium	9-1	495.50	498.86	493.58	495.98	0.54	ppb
Bismuth	209-1				80		%
Bismuth	209-2				78		%
Boron	10-1	482.22	495.43	501.40	493.01	1.99	ppb
Boron	11-1	485.69	488.89	491.44	488.67	0.59	ppb
Cadmium	111-1	472.78	470.85	467.74	470.46	0.54	ppb
Cadmium	106-1	448.52	469.27	453.73	457.17	2.36	ppb
Cadmium	108-1	469.75	471.29	463.75	468.26	0.85	ppb
Calcium	43-1	246914.74	247500.85	244905.26	246440.28	0.55	ppb
Calcium	44-1	249963.69	252684.55	248142.07	250263.44	0.91	ppb
Chromium	52-2	494.89	491.16	500.18	495.41	0.91	ppb
Cobalt	59-2	498.99	491.66	499.67	496.77	0.89	ppb
Copper	63-2	1069.23	1055.32	1078.03	1067.53	1.07	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				86		%
Holmium	165-2				87		%
Indium	115-1				72		%
Indium	115-2				72		%
Iron	56-2	132169.25	128673.57	132047.56	130963.46	1.51	ppb
Iron	57-2	130308.36	128678.96	130287.89	129758.40	0.72	ppb
Krypton	83-1						cps
Lead	206-1	480.27	482.34	478.95	480.52	0.36	ppb
Lead	207-1	480.40	482.61	476.50	479.84	0.65	ppb
Lead	208-1	486.59	489.28	484.97	486.95	0.45	ppb
Lithium	6-1				60		%
Magnesium	24-2	240420.48	236574.62	241180.95	239392.02	1.03	ppb

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	CCV43	Instrumnet Name :	P7
Client Sample ID :	CCV43	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 15:26:34	DataFile Name :	034CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	984.25	969.09	988.03	980.46	1.02	ppb
Molybdenum	94-1	2473.28	2470.10	2441.94	2461.77	0.70	ppb
Molybdenum	95-1	2465.36	2481.77	2453.04	2466.72	0.58	ppb
Molybdenum	96-1	2465.57	2482.67	2462.66	2470.30	0.44	ppb
Molybdenum	97-1	2389.78	2387.64	2373.41	2383.61	0.37	ppb
Molybdenum	98-1	2470.14	2472.24	2440.51	2460.96	0.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	486.48	479.99	491.14	485.87	1.15	ppb
Phosphorus	31-2	9395.51	8959.27	9407.37	9254.05	2.76	ppb
Potassium	39-2	123193.36	121339.78	123506.10	122679.74	0.95	ppb
Rhodium	103-1				64		%
Rhodium	103-2				67		%
Scandium	45-1				63		%
Scandium	45-2				66		%
Selenium	77-2	450.48	469.98	468.30	462.92	2.33	ppb
Selenium	78-2	480.51	482.30	470.53	477.78	1.33	ppb
Selenium	82-1	478.41	480.07	477.91	478.80	0.24	ppb
Silicon	28-1	514.82	526.58	522.93	521.44	1.15	ppb
Silver	109-1	475.39	473.03	464.59	471.00	1.21	ppb
Silver	107-1	467.42	471.58	461.43	466.81	1.09	ppb
Sodium	23-2	237727.19	234131.64	238694.53	236851.12	1.02	ppb
Strontium	86-1	479.99	477.93	475.00	477.64	0.52	ppb
Strontium	88-1	486.63	485.12	480.83	484.19	0.62	ppb
Sulfur	34-1	9008.69	9117.44	8917.11	9014.42	1.11	ppb
Terbium	159-1				83		%
Terbium	159-2				84		%
Thallium	203-1	481.76	483.00	478.04	480.93	0.54	ppb
Thallium	205-1	498.18	497.77	491.93	495.96	0.70	ppb
Thorium	232-1	507.44	509.05	505.39	507.29	0.36	ppb
Tin	118-1	458.26	456.65	449.41	454.77	1.04	ppb
Titanium	47-1	2449.36	2461.74	2423.59	2444.90	0.80	ppb
Uranium	238-1	509.66	506.10	506.65	507.47	0.38	ppb
Vanadium	51-2	498.55	492.23	499.23	496.67	0.78	ppb
Yttrium	89-1				71		%
Yttrium	89-2				72		%

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	CCV43	Instrumnet Name :	P7
Client Sample ID :	CCV43	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 15:26:34	DataFile Name :	034CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1051.04	1039.42	1055.96	1048.81	0.81	ppb
Zirconium	90-1	478.51	491.80	485.48	485.26	1.37	ppb
Zirconium	91-1	491.80	488.96	488.57	489.78	0.36	ppb

LB Number : LB103176 Operator : Jaswal
 Lab Sample ID : CCB43 Instrumnet Name : P7
 Client Sample ID : CCB43 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-03 15:30:13 DataFile Name : 035CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.20	3.15	4.47	3.61	20.71	ppb
Antimony	121-1	0.34	0.37	0.37	0.36	5.22	ppb
Arsenic	75-2	0.11	0.05	0.10	0.09	33.69	ppb
Barium	135-1	0.20	0.20	0.18	0.19	5.64	ppb
Barium	137-1	0.20	0.14	0.14	0.16	22.18	ppb
Beryllium	9-1	0.18	0.10	0.16	0.15	26.07	ppb
Bismuth	209-1				92		%
Bismuth	209-2				85		%
Boron	10-1	34.25	30.75	27.98	30.99	10.14	ppb
Boron	11-1	33.39	30.98	30.41	31.59	5.01	ppb
Cadmium	111-1	-0.12	-0.11	-0.17	-0.13		ppb
Cadmium	106-1	-2.83	-3.45	-3.70	-3.33		ppb
Cadmium	108-1	0.01	-0.02	0.04	0.01	371.43	ppb
Calcium	43-1	21.47	23.51	18.20	21.06	12.72	ppb
Calcium	44-1	21.83	18.06	19.11	19.67	9.89	ppb
Chromium	52-2	0.03	0.08	0.07	0.06	41.88	ppb
Cobalt	59-2	0.03	0.03	0.04	0.03	17.06	ppb
Copper	63-2	0.33	0.39	0.34	0.36	8.43	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				88		%
Holmium	165-2				84		%
Indium	115-1				81		%
Indium	115-2				76		%
Iron	56-2	8.55	9.69	11.54	9.93	15.20	ppb
Iron	57-2	7.72	7.40	14.78	9.97	41.83	ppb
Krypton	83-1						cps
Lead	206-1	0.10	0.12	0.11	0.11	7.37	ppb
Lead	207-1	0.11	0.13	0.10	0.11	10.38	ppb
Lead	208-1	0.11	0.11	0.11	0.11	3.12	ppb
Lithium	6-1				64		%
Magnesium	24-2	14.98	18.64	25.61	19.74	27.37	ppb

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	CCB43	Instrumnet Name :	P7
Client Sample ID :	CCB43	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 15:30:13	DataFile Name :	035CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.06	0.06	0.15	0.09	61.36	ppb
Molybdenum	94-1	0.51	0.41	0.39	0.44	14.17	ppb
Molybdenum	95-1	0.67	0.53	0.48	0.56	17.35	ppb
Molybdenum	96-1	0.60	0.60	0.42	0.54	19.47	ppb
Molybdenum	97-1	0.56	0.59	0.56	0.57	3.18	ppb
Molybdenum	98-1	0.60	0.55	0.51	0.56	8.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.04	0.08	0.05	48.87	ppb
Phosphorus	31-2	-29.69	-11.02	-28.34	-23.02		ppb
Potassium	39-2	-1.46	1.06	4.36	1.32	221.61	ppb
Rhodium	103-1				77		%
Rhodium	103-2				74		%
Scandium	45-1				67		%
Scandium	45-2				64		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.45	0.34	-0.46	-0.19		ppb
Selenium	82-1	-0.41	-0.13	-0.06	-0.20		ppb
Silicon	28-1	4.74	3.52	3.43	3.89	18.81	ppb
Silver	109-1	0.09	0.06	0.07	0.08	19.69	ppb
Silver	107-1	0.05	0.07	0.05	0.06	20.06	ppb
Sodium	23-2	20.68	18.71	25.02	21.47	15.04	ppb
Strontium	86-1	0.07	0.01	0.08	0.05	63.27	ppb
Strontium	88-1	0.06	0.05	0.05	0.05	11.37	ppb
Sulfur	34-1	-616.57	-570.65	-598.79	-595.34		ppb
Terbium	159-1				87		%
Terbium	159-2				82		%
Thallium	203-1	0.13	0.12	0.11	0.12	8.57	ppb
Thallium	205-1	0.13	0.12	0.11	0.12	7.09	ppb
Thorium	232-1	0.11	0.10	0.09	0.10	10.90	ppb
Tin	118-1	0.13	0.14	0.11	0.12	11.46	ppb
Titanium	47-1	0.16	0.12	0.23	0.17	33.00	ppb
Uranium	238-1	0.04	0.03	0.03	0.03	16.89	ppb
Vanadium	51-2	0.05	0.03	0.02	0.03	34.13	ppb
Yttrium	89-1				75		%
Yttrium	89-2				72		%

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	CCB43	Instrumnet Name :	P7
Client Sample ID :	CCB43	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 15:30:13	DataFile Name :	035CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.24	0.33	0.26	0.28	18.08	ppb
Zirconium	90-1	0.06	0.07	0.06	0.06	6.52	ppb
Zirconium	91-1	0.08	0.06	0.03	0.06	46.89	ppb

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3028-09DLX2	Instrumnet Name :	P7
Client Sample ID :	MH0BC2DL	Dilution Factor :	2
Date & Time Acquired ::	2019-06-03 15:33:50	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6842.96	6757.19	6874.51	6824.89	0.89	ppb
Antimony	121-1	16.14	15.67	17.31	16.38	5.13	ppb
Arsenic	75-2	544.62	548.01	552.62	548.42	0.73	ppb
Barium	135-1	68.48	68.09	74.77	70.45	5.32	ppb
Barium	137-1	68.44	67.74	75.82	70.67	6.33	ppb
Beryllium	9-1	0.89	0.99	1.02	0.96	7.19	ppb
Bismuth	209-1				85		%
Bismuth	209-2				82		%
Boron	10-1	113.92	116.43	129.78	120.05	7.10	ppb
Boron	11-1	117.40	114.95	127.80	120.05	5.69	ppb
Cadmium	111-1	11.49	11.45	12.66	11.87	5.79	ppb
Cadmium	106-1	8.38	8.14	10.35	8.96	13.53	ppb
Cadmium	108-1	11.48	11.22	12.22	11.64	4.49	ppb
Calcium	43-1	198907.56	198196.61	220527.71	205877.29	6.17	ppb
Calcium	44-1	201558.79	201385.94	223205.29	208716.68	6.01	ppb
Chromium	52-2	17.88	17.69	17.97	17.85	0.80	ppb
Cobalt	59-2	9.58	9.37	9.50	9.49	1.15	ppb
Copper	63-2	967.22	963.37	967.28	965.96	0.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				85		%
Holmium	165-2				84		%
Indium	115-1				76		%
Indium	115-2				74		%
Iron	56-2	45403.17	44833.08	45264.90	45167.05	0.66	ppb
Iron	57-2	44661.95	44320.44	45002.47	44661.62	0.76	ppb
Krypton	83-1						cps
Lead	206-1	4973.01	4920.67	5418.26	5103.98	5.36	ppb
Lead	207-1	4562.76	4516.21	4984.84	4687.93	5.51	ppb
Lead	208-1	4752.96	4696.96	5187.51	4879.14	5.50	ppb
Lithium	6-1				60		%
Magnesium	24-2	25875.79	25484.91	25807.31	25722.67	0.81	ppb

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3028-09DLX2	Instrumnet Name :	P7
Client Sample ID :	MH0BC2DL	Dilution Factor :	2
Date & Time Acquired ::	2019-06-03 15:33:50	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	3815.47	3784.28	3815.17	3804.97	0.47	ppb
Molybdenum	94-1	16.07	16.15	17.65	16.62	5.35	ppb
Molybdenum	95-1	16.99	17.08	18.84	17.64	5.90	ppb
Molybdenum	96-1	17.09	16.95	18.55	17.53	5.04	ppb
Molybdenum	97-1	16.70	16.75	18.43	17.29	5.71	ppb
Molybdenum	98-1	17.30	16.94	18.59	17.61	4.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	34.23	33.91	34.40	34.18	0.72	ppb
Phosphorus	31-2	647.62	682.13	783.97	704.57	10.06	ppb
Potassium	39-2	2508.24	2506.40	2547.83	2520.82	0.93	ppb
Rhodium	103-1				68		%
Rhodium	103-2				69		%
Scandium	45-1				63		%
Scandium	45-2				62		%
Selenium	77-2	17.28	17.19	19.47	17.98	7.18	ppb
Selenium	78-2	13.35	11.79	12.86	12.67	6.29	ppb
Selenium	82-1	11.91	11.80	13.42	12.38	7.28	ppb
Silicon	28-1	1708.84	1702.17	1882.79	1764.60	5.80	ppb
Silver	109-1	23.87	23.83	25.96	24.55	4.95	ppb
Silver	107-1	24.03	23.55	26.10	24.56	5.52	ppb
Sodium	23-2	4366.28	4263.72	4321.22	4317.07	1.19	ppb
Strontium	86-1	1760.59	1729.41	1904.37	1798.12	5.19	ppb
Strontium	88-1	1798.61	1780.16	1950.65	1843.14	5.08	ppb
Sulfur	34-1	101052.71	100293.70	110996.69	104114.37	5.74	ppb
Terbium	159-1				83		%
Terbium	159-2				82		%
Thallium	203-1	0.73	0.69	0.76	0.73	5.25	ppb
Thallium	205-1	0.73	0.70	0.75	0.73	3.47	ppb
Thorium	232-1	3.03	3.02	3.37	3.14	6.35	ppb
Tin	118-1	3.48	3.31	3.73	3.51	5.93	ppb
Titanium	47-1	163.94	159.66	179.15	167.58	6.11	ppb
Uranium	238-1	17.55	17.52	19.21	18.09	5.34	ppb
Vanadium	51-2	41.27	40.41	40.40	40.69	1.23	ppb
Yttrium	89-1				74		%
Yttrium	89-2				73		%

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3028-09DLX2	Instrumnet Name :	P7
Client Sample ID :	MH0BC2DL	Dilution Factor :	2
Date & Time Acquired ::	2019-06-03 15:33:50	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	6387.70	6353.87	6433.51	6391.69	0.63	ppb
Zirconium	90-1	2.85	2.79	3.12	2.92	6.06	ppb
Zirconium	91-1	3.10	3.09	3.25	3.15	2.92	ppb

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3030-11DLX2	Instrumnet Name :	P7
Client Sample ID :	MH0BG2DL	Dilution Factor :	2
Date & Time Acquired ::	2019-06-03 15:37:26	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24319.87	23904.00	23914.96	24046.28	0.99	ppb
Antimony	121-1	1.59	1.57	1.59	1.58	0.86	ppb
Arsenic	75-2	26.16	26.57	27.71	26.81	2.99	ppb
Barium	135-1	1033.56	1024.51	1013.30	1023.79	0.99	ppb
Barium	137-1	1022.93	1019.38	1013.37	1018.56	0.47	ppb
Beryllium	9-1	2.55	2.45	2.66	2.56	4.07	ppb
Bismuth	209-1				88		%
Bismuth	209-2				82		%
Boron	10-1	132.18	131.55	144.26	136.00	5.26	ppb
Boron	11-1	140.05	141.85	142.55	141.48	0.91	ppb
Cadmium	111-1	7.98	8.19	7.91	8.03	1.84	ppb
Cadmium	106-1	5.87	6.94	7.61	6.81	12.86	ppb
Cadmium	108-1	8.06	8.06	7.99	8.03	0.50	ppb
Calcium	43-1	79166.92	79084.90	78033.00	78761.61	0.80	ppb
Calcium	44-1	79930.45	79951.68	79925.71	79935.95	0.02	ppb
Chromium	52-2	1123.31	1107.56	1114.36	1115.08	0.71	ppb
Cobalt	59-2	33.22	32.58	33.10	32.97	1.02	ppb
Copper	63-2	133.38	131.53	131.07	132.00	0.93	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				88		%
Holmium	165-2				84		%
Indium	115-1				77		%
Indium	115-2				72		%
Iron	56-2	85799.85	84173.35	84733.07	84902.09	0.97	ppb
Iron	57-2	83106.44	82204.57	82518.38	82609.80	0.55	ppb
Krypton	83-1						cps
Lead	206-1	439.13	437.96	437.02	438.04	0.24	ppb
Lead	207-1	406.93	407.06	404.47	406.15	0.36	ppb
Lead	208-1	427.37	426.97	425.17	426.50	0.27	ppb
Lithium	6-1				61		%
Magnesium	24-2	42945.10	42249.61	42338.12	42510.94	0.89	ppb

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3030-11DLX2	Instrumnet Name :	P7
Client Sample ID :	MH0BG2DL	Dilution Factor :	2
Date & Time Acquired ::	2019-06-03 15:37:26	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2035.57	2013.06	2029.14	2025.93	0.57	ppb
Molybdenum	94-1	13.35	12.87	12.91	13.05	2.04	ppb
Molybdenum	95-1	8.62	8.49	8.69	8.60	1.19	ppb
Molybdenum	96-1	9.58	9.78	9.39	9.58	2.01	ppb
Molybdenum	97-1	8.30	8.65	8.46	8.47	2.05	ppb
Molybdenum	98-1	8.62	8.47	8.59	8.56	0.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	702.60	701.14	700.24	701.33	0.17	ppb
Phosphorus	31-2	1114.88	1137.79	1040.80	1097.83	4.62	ppb
Potassium	39-2	4540.95	4446.37	4464.36	4483.89	1.12	ppb
Rhodium	103-1				71		%
Rhodium	103-2				69		%
Scandium	45-1				67		%
Scandium	45-2				62		%
Selenium	77-2	9.84	13.11	11.81	11.58	14.22	ppb
Selenium	78-2	7.60	5.86	6.84	6.77	12.85	ppb
Selenium	82-1	4.73	4.96	4.59	4.76	4.02	ppb
Silicon	28-1	10788.30	10789.28	10742.30	10773.29	0.25	ppb
Silver	109-1	1.54	1.56	1.55	1.55	0.64	ppb
Silver	107-1	1.50	1.61	1.55	1.55	3.50	ppb
Sodium	23-2	6514.51	6410.23	6458.46	6461.06	0.81	ppb
Strontium	86-1	862.01	848.39	848.54	852.98	0.92	ppb
Strontium	88-1	873.02	869.63	867.53	870.06	0.32	ppb
Sulfur	34-1	1589.76	1560.19	1559.81	1569.92	1.09	ppb
Terbium	159-1				86		%
Terbium	159-2				82		%
Thallium	203-1	0.72	0.69	0.70	0.70	1.93	ppb
Thallium	205-1	0.70	0.70	0.71	0.70	0.77	ppb
Thorium	232-1	6.38	6.34	6.35	6.36	0.37	ppb
Tin	118-1	3.55	3.44	3.31	3.43	3.48	ppb
Titanium	47-1	397.15	392.34	394.35	394.61	0.61	ppb
Uranium	238-1	5.80	5.71	5.70	5.74	0.88	ppb
Vanadium	51-2	100.34	98.43	99.08	99.28	0.98	ppb
Yttrium	89-1				82		%
Yttrium	89-2				77		%

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3030-11DLX2	Instrumnet Name :	P7
Client Sample ID :	MH0BG2DL	Dilution Factor :	2
Date & Time Acquired ::	2019-06-03 15:37:26	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	832.44	826.42	834.36	831.07	0.50	ppb
Zirconium	90-1	4.47	4.48	4.38	4.44	1.35	ppb
Zirconium	91-1	4.56	4.63	4.58	4.59	0.86	ppb

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3028-20A	Instrumnet Name :	P7
Client Sample ID :	MH0BB8A	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 15:41:03	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13269.39	15457.94	13019.25	13915.53	9.64	ppb
Antimony	121-1	7.96	7.65	7.46	7.69	3.28	ppb
Arsenic	75-2	124.85	137.34	121.81	128.00	6.43	ppb
Barium	135-1	1755.47	1684.70	1679.82	1706.66	2.48	ppb
Barium	137-1	1795.26	1736.58	1728.21	1753.35	2.08	ppb
Beryllium	9-1	2.11	2.11	2.16	2.13	1.45	ppb
Bismuth	209-1				87		%
Bismuth	209-2				78		%
Boron	10-1	106.18	107.48	105.55	106.40	0.93	ppb
Boron	11-1	106.88	107.02	108.70	107.53	0.94	ppb
Cadmium	111-1	65.13	60.95	61.60	62.56	3.60	ppb
Cadmium	106-1	54.15	49.85	53.04	52.35	4.26	ppb
Cadmium	108-1	57.88	53.73	53.59	55.06	4.43	ppb
Calcium	43-1	293776.38	285676.65	285075.33	288176.12	1.69	ppb
Calcium	44-1	294408.56	286697.84	285475.28	288860.56	1.68	ppb
Chromium	52-2	48.26	56.58	47.64	50.82	9.82	ppb
Cobalt	59-2	25.32	29.54	25.60	26.82	8.78	ppb
Copper	63-2	840.58	978.05	825.83	881.49	9.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				88		%
Holmium	165-2				82		%
Indium	115-1				77		%
Indium	115-2				70		%
Iron	56-2	75788.05	87839.44	74120.97	79249.49	9.45	ppb
Iron	57-2	74390.76	86081.29	73003.74	77825.26	9.23	ppb
Krypton	83-1						cps
Lead	206-1	2300.60	2248.66	2235.18	2261.48	1.53	ppb
Lead	207-1	2139.82	2079.50	2066.23	2095.18	1.87	ppb
Lead	208-1	2210.96	2154.34	2145.47	2170.25	1.64	ppb
Lithium	6-1				59		%
Magnesium	24-2	22083.23	25642.60	21602.02	23109.28	9.55	ppb

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3028-20A	Instrumnet Name :	P7
Client Sample ID :	MH0BB8A	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 15:41:03	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2097.09	2433.27	2068.14	2199.50	9.23	ppb
Molybdenum	94-1	14.35	14.91	14.78	14.68	2.01	ppb
Molybdenum	95-1	15.94	15.58	15.65	15.72	1.21	ppb
Molybdenum	96-1	16.50	15.78	15.53	15.94	3.18	ppb
Molybdenum	97-1	15.91	14.99	15.26	15.38	3.07	ppb
Molybdenum	98-1	15.91	15.56	15.64	15.71	1.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	111.53	132.60	110.19	118.10	10.64	ppb
Phosphorus	31-2	2875.15	3358.54	2933.29	3055.66	8.64	ppb
Potassium	39-2	6453.33	7487.76	6289.15	6743.42	9.64	ppb
Rhodium	103-1				68		%
Rhodium	103-2				65		%
Scandium	45-1				63		%
Scandium	45-2				59		%
Selenium	77-2	34.02	42.65	38.61	38.43	11.24	ppb
Selenium	78-2	21.78	26.20	23.43	23.80	9.39	ppb
Selenium	82-1	20.82	21.19	19.95	20.65	3.08	ppb
Silicon	28-1	3617.98	3512.82	3479.82	3536.87	2.04	ppb
Silver	109-1	8.76	8.43	8.27	8.48	2.96	ppb
Silver	107-1	8.84	8.45	8.17	8.49	3.95	ppb
Sodium	23-2	1295.70	1509.05	1258.60	1354.45	9.98	ppb
Strontium	86-1	1453.38	1420.05	1423.66	1432.37	1.28	ppb
Strontium	88-1	1494.11	1452.89	1454.15	1467.05	1.60	ppb
Sulfur	34-1	23669.08	23009.17	22742.55	23140.27	2.06	ppb
Terbium	159-1				86		%
Terbium	159-2				81		%
Thallium	203-1	2.31	2.17	2.12	2.20	4.59	ppb
Thallium	205-1	2.26	2.19	2.21	2.22	1.64	ppb
Thorium	232-1	3.87	3.76	3.75	3.80	1.78	ppb
Tin	118-1	6.37	6.06	6.10	6.18	2.72	ppb
Titanium	47-1	136.10	133.56	132.92	134.19	1.25	ppb
Uranium	238-1	15.17	14.73	14.58	14.83	2.08	ppb
Vanadium	51-2	132.46	152.32	129.74	138.18	8.92	ppb
Yttrium	89-1				82		%
Yttrium	89-2				76		%

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3028-20A	Instrumnet Name :	P7
Client Sample ID :	MH0BB8A	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 15:41:03	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	7218.94	8378.41	7111.57	7569.64	9.28	ppb
Zirconium	90-1	2.71	2.58	2.54	2.61	3.31	ppb
Zirconium	91-1	2.70	2.77	2.72	2.73	1.29	ppb

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	PB120266BSRE	Instrumnet Name :	P7
Client Sample ID :	PB120266BSRE	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 15:48:31	DataFile Name :	039CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	65456.09	55181.38	52727.59	57788.35	11.69	ppb
Antimony	121-1	520.60	573.02	586.67	560.10	6.23	ppb
Arsenic	75-2	644.19	542.08	523.43	569.90	11.41	ppb
Barium	135-1	2323.66	2558.50	2609.96	2497.37	6.11	ppb
Barium	137-1	2380.18	2625.13	2665.94	2557.08	6.04	ppb
Beryllium	9-1	496.76	534.45	549.08	526.76	5.12	ppb
Bismuth	209-1				74		%
Bismuth	209-2				69		%
Boron	10-1	469.98	508.06	537.55	505.20	6.71	ppb
Boron	11-1	469.96	517.77	545.43	511.05	7.47	ppb
Cadmium	111-1	466.37	519.24	527.44	504.35	6.57	ppb
Cadmium	106-1	467.70	509.04	516.21	497.65	5.26	ppb
Cadmium	108-1	463.13	507.30	521.08	497.17	6.09	ppb
Calcium	43-1	244355.10	269057.06	278219.32	263877.16	6.64	ppb
Calcium	44-1	248064.10	274379.58	283697.20	268713.63	6.88	ppb
Chromium	52-2	635.76	537.03	516.63	563.14	11.31	ppb
Cobalt	59-2	630.04	533.00	516.19	559.74	10.98	ppb
Copper	63-2	1356.73	1151.00	1109.84	1205.86	10.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				79		%
Holmium	165-2				76		%
Indium	115-1				67		%
Indium	115-2				65		%
Iron	56-2	168717.99	141151.25	135916.81	148595.35	11.86	ppb
Iron	57-2	165527.69	140020.99	134149.29	146565.99	11.38	ppb
Krypton	83-1						cps
Lead	206-1	479.18	524.76	536.60	513.51	5.90	ppb
Lead	207-1	478.17	526.40	538.79	514.45	6.23	ppb
Lead	208-1	485.65	534.78	546.11	522.18	6.16	ppb
Lithium	6-1				57		%
Magnesium	24-2	309446.91	259149.87	249689.96	272762.25	11.78	ppb

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	PB120266BSRE	Instrumnet Name :	P7
Client Sample ID :	PB120266BSRE	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 15:48:31	DataFile Name :	039CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1260.47	1053.20	1017.13	1110.27	11.83	ppb
Molybdenum	94-1	2438.20	2680.57	2771.42	2630.06	6.55	ppb
Molybdenum	95-1	2441.68	2684.70	2772.03	2632.80	6.50	ppb
Molybdenum	96-1	2437.03	2682.23	2787.29	2635.51	6.82	ppb
Molybdenum	97-1	2367.42	2580.44	2682.35	2543.41	6.32	ppb
Molybdenum	98-1	2443.65	2678.48	2781.88	2634.67	6.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	620.05	526.12	504.85	550.34	11.14	ppb
Phosphorus	31-2	11809.76	9550.44	9786.14	10382.11	11.96	ppb
Potassium	39-2	158070.19	133299.95	128197.81	139855.98	11.43	ppb
Rhodium	103-1				59		%
Rhodium	103-2				61		%
Scandium	45-1				59		%
Scandium	45-2				59		%
Selenium	77-2	593.09	517.66	482.77	531.17	10.62	ppb
Selenium	78-2	624.79	515.37	490.09	543.42	13.18	ppb
Selenium	82-1	469.74	519.88	534.86	508.16	6.71	ppb
Silicon	28-1	502.48	568.76	589.38	553.54	8.20	ppb
Silver	109-1	469.69	521.79	527.07	506.18	6.27	ppb
Silver	107-1	464.92	519.38	524.43	502.91	6.56	ppb
Sodium	23-2	304673.92	255419.54	246575.90	268889.78	11.64	ppb
Strontium	86-1	472.96	518.40	539.32	510.23	6.65	ppb
Strontium	88-1	481.33	527.96	542.99	517.43	6.21	ppb
Sulfur	34-1	8749.82	10173.27	10536.14	9819.74	9.62	ppb
Terbium	159-1				77		%
Terbium	159-2				75		%
Thallium	203-1	479.26	525.00	543.30	515.85	6.39	ppb
Thallium	205-1	494.15	540.44	554.85	529.81	5.99	ppb
Thorium	232-1	506.89	556.94	567.72	543.85	5.97	ppb
Tin	118-1	452.28	502.89	513.88	489.68	6.71	ppb
Titanium	47-1	2437.93	2671.98	2755.34	2621.75	6.28	ppb
Uranium	238-1	505.72	553.13	566.91	541.92	5.92	ppb
Vanadium	51-2	640.62	540.84	516.42	565.96	11.63	ppb
Yttrium	89-1				66		%
Yttrium	89-2				66		%

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	PB120266BSRE	Instrumnet Name :	P7
Client Sample ID :	PB120266BSRE	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 15:48:31	DataFile Name :	039CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1341.33	1135.83	1095.16	1190.78	11.08	ppb
Zirconium	90-1	474.91	534.95	554.11	521.32	7.93	ppb
Zirconium	91-1	485.53	530.42	546.87	520.94	6.10	ppb

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	CCV44	Instrumnet Name :	P7
Client Sample ID :	CCV44	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 15:55:03	DataFile Name :	040CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52223.63	52601.45	53779.75	52868.28	1.54	ppb
Antimony	121-1	522.06	522.98	516.26	520.43	0.70	ppb
Arsenic	75-2	531.30	532.51	538.14	533.98	0.68	ppb
Barium	135-1	2312.47	2320.39	2281.05	2304.64	0.90	ppb
Barium	137-1	2367.60	2378.54	2341.47	2362.54	0.81	ppb
Beryllium	9-1	485.51	489.93	485.79	487.07	0.51	ppb
Bismuth	209-1				79		%
Bismuth	209-2				74		%
Boron	10-1	464.27	481.90	489.90	478.69	2.74	ppb
Boron	11-1	459.05	475.56	478.74	471.12	2.24	ppb
Cadmium	111-1	471.90	473.72	469.07	471.56	0.50	ppb
Cadmium	106-1	460.93	472.25	459.00	464.06	1.54	ppb
Cadmium	108-1	473.68	474.56	475.92	474.72	0.24	ppb
Calcium	43-1	243364.83	246095.99	239980.30	243147.04	1.26	ppb
Calcium	44-1	247499.04	249023.56	243876.09	246799.57	1.07	ppb
Chromium	52-2	502.57	510.17	520.51	511.08	1.76	ppb
Cobalt	59-2	503.44	509.39	520.19	511.01	1.66	ppb
Copper	63-2	1064.44	1076.98	1097.54	1079.65	1.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				86		%
Holmium	165-2				81		%
Indium	115-1				74		%
Indium	115-2				70		%
Iron	56-2	134019.31	134719.52	137723.13	135487.32	1.45	ppb
Iron	57-2	131662.36	133392.32	136423.67	133826.12	1.80	ppb
Krypton	83-1						cps
Lead	206-1	474.26	476.04	465.82	472.04	1.16	ppb
Lead	207-1	474.72	478.41	467.84	473.66	1.13	ppb
Lead	208-1	481.52	483.88	474.61	480.00	1.00	ppb
Lithium	6-1				64		%
Magnesium	24-2	246298.37	249315.90	253436.60	249683.62	1.44	ppb

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	CCV44	Instrumnet Name :	P7
Client Sample ID :	CCV44	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 15:55:03	DataFile Name :	040CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	998.41	1010.56	1034.07	1014.35	1.79	ppb
Molybdenum	94-1	2420.88	2441.56	2397.13	2419.86	0.92	ppb
Molybdenum	95-1	2419.10	2444.56	2401.11	2421.59	0.90	ppb
Molybdenum	96-1	2424.04	2452.99	2408.47	2428.50	0.93	ppb
Molybdenum	97-1	2328.28	2351.84	2322.75	2334.29	0.66	ppb
Molybdenum	98-1	2413.85	2441.89	2390.19	2415.31	1.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	491.28	499.62	503.23	498.04	1.23	ppb
Phosphorus	31-2	9198.05	9786.48	9585.29	9523.27	3.14	ppb
Potassium	39-2	127065.42	127810.51	130097.40	128324.44	1.23	ppb
Rhodium	103-1				65		%
Rhodium	103-2				65		%
Scandium	45-1				66		%
Scandium	45-2				66		%
Selenium	77-2	540.28	518.45	544.34	534.36	2.61	ppb
Selenium	78-2	507.46	519.96	508.86	512.09	1.34	ppb
Selenium	82-1	469.52	470.60	468.66	469.59	0.21	ppb
Silicon	28-1	506.10	516.76	512.01	511.63	1.04	ppb
Silver	109-1	474.57	476.95	469.08	473.53	0.85	ppb
Silver	107-1	469.95	471.41	469.33	470.23	0.23	ppb
Sodium	23-2	244334.36	246923.15	250886.67	247381.39	1.33	ppb
Strontium	86-1	470.11	473.60	466.15	469.95	0.79	ppb
Strontium	88-1	477.38	480.57	471.58	476.51	0.96	ppb
Sulfur	34-1	8665.67	8823.62	8689.75	8726.35	0.98	ppb
Terbium	159-1				84		%
Terbium	159-2				79		%
Thallium	203-1	476.39	476.40	470.36	474.38	0.73	ppb
Thallium	205-1	487.81	492.19	483.64	487.88	0.88	ppb
Thorium	232-1	496.76	501.77	495.40	497.98	0.67	ppb
Tin	118-1	452.61	451.36	446.15	450.04	0.76	ppb
Titanium	47-1	2409.88	2426.98	2389.11	2408.66	0.79	ppb
Uranium	238-1	494.78	498.62	491.42	494.94	0.73	ppb
Vanadium	51-2	505.45	511.55	521.33	512.78	1.56	ppb
Yttrium	89-1				73		%
Yttrium	89-2				71		%

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	CCV44	Instrumnet Name :	P7
Client Sample ID :	CCV44	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 15:55:03	DataFile Name :	040CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1054.70	1071.41	1102.81	1076.31	2.27	ppb
Zirconium	90-1	479.68	484.32	477.13	480.38	0.76	ppb
Zirconium	91-1	478.95	483.37	471.94	478.09	1.21	ppb

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	CCB44	Instrumnet Name :	P7
Client Sample ID :	CCB44	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 16:11:08	DataFile Name :	041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.59	0.75	0.07	0.47	74.94	ppb
Antimony	121-1	0.15	0.13	0.10	0.13	16.72	ppb
Arsenic	75-2	0.02	0.04	0.03	0.03	39.47	ppb
Barium	135-1	0.06	0.02	0.05	0.04	53.70	ppb
Barium	137-1	0.04	0.04	0.04	0.04	2.65	ppb
Beryllium	9-1	0.07	0.09	0.07	0.08	12.95	ppb
Bismuth	209-1				91		%
Bismuth	209-2				91		%
Boron	10-1	7.02	6.62	6.43	6.69	4.54	ppb
Boron	11-1	7.17	6.82	6.78	6.92	3.13	ppb
Cadmium	111-1	-0.19	-0.22	-0.17	-0.19		ppb
Cadmium	106-1	-3.97	-4.19	-3.04	-3.74		ppb
Cadmium	108-1	-0.06	0.01	0.14	0.03	341.70	ppb
Calcium	43-1	3.46	7.81	2.59	4.62	60.55	ppb
Calcium	44-1	4.03	4.20	3.02	3.75	17.04	ppb
Chromium	52-2	-0.01	0.02	-0.01	0.00		ppb
Cobalt	59-2	0.00	0.00	0.01	0.00	193.75	ppb
Copper	63-2	0.08	0.07	0.08	0.08	4.09	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				90		%
Holmium	165-2				94		%
Indium	115-1				86		%
Indium	115-2				88		%
Iron	56-2	2.65	2.79	2.74	2.73	2.55	ppb
Iron	57-2	3.19	3.52	2.40	3.04	18.91	ppb
Krypton	83-1						cps
Lead	206-1	0.07	0.07	0.06	0.07	13.53	ppb
Lead	207-1	0.06	0.06	0.05	0.06	7.63	ppb
Lead	208-1	0.06	0.06	0.06	0.06	4.25	ppb
Lithium	6-1				75		%
Magnesium	24-2	4.67	5.27	5.10	5.01	6.13	ppb

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	CCB44	Instrumnet Name :	P7
Client Sample ID :	CCB44	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 16:11:08	DataFile Name :	041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.02	0.03	0.00	0.02	78.45	ppb
Molybdenum	94-1	0.17	0.16	0.11	0.15	22.41	ppb
Molybdenum	95-1	0.14	0.16	0.12	0.14	14.67	ppb
Molybdenum	96-1	0.14	0.12	0.07	0.11	30.29	ppb
Molybdenum	97-1	0.12	0.16	0.11	0.13	19.66	ppb
Molybdenum	98-1	0.15	0.16	0.08	0.13	33.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.01	0.05	0.02	154.40	ppb
Phosphorus	31-2	-30.72	-30.24	-25.53	-28.83		ppb
Potassium	39-2	-6.90	-3.30	-5.99	-5.40		ppb
Rhodium	103-1				84		%
Rhodium	103-2				87		%
Scandium	45-1				78		%
Scandium	45-2				80		%
Selenium	77-2	0.00	0.00	0.59	0.20	173.21	ppb
Selenium	78-2	-0.08	0.33	-0.75	-0.17		ppb
Selenium	82-1	-0.75	-0.08	-0.29	-0.37		ppb
Silicon	28-1	-1.02	1.01	1.82	0.60	241.75	ppb
Silver	109-1	0.02	0.01	0.02	0.02	34.33	ppb
Silver	107-1	0.00	0.00	0.01	0.01	87.80	ppb
Sodium	23-2	2.60	2.21	1.52	2.11	26.12	ppb
Strontium	86-1	-0.02	0.03	0.01	0.01	410.35	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	21.55	ppb
Sulfur	34-1	-507.61	-186.25	-538.89	-410.92		ppb
Terbium	159-1				89		%
Terbium	159-2				94		%
Thallium	203-1	0.03	0.04	0.04	0.04	15.21	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	1.96	ppb
Thorium	232-1	0.01	0.02	0.02	0.02	8.13	ppb
Tin	118-1	-0.01	0.02	0.02	0.01	138.34	ppb
Titanium	47-1	0.06	0.02	0.07	0.05	49.57	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	13.55	ppb
Vanadium	51-2	0.00	0.01	0.02	0.01	96.93	ppb
Yttrium	89-1				83		%
Yttrium	89-2				86		%

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	CCB44	Instrumnet Name :	P7
Client Sample ID :	CCB44	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 16:11:08	DataFile Name :	041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.12	0.09	0.03	0.08	62.92	ppb
Zirconium	90-1	0.02	0.02	0.03	0.02	13.32	ppb
Zirconium	91-1	0.02	0.05	0.03	0.04	41.22	ppb

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	PB120266BL	Instrumnet Name :	P7
Client Sample ID :	PB120266BL	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 16:14:44	DataFile Name :	042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.26	-0.05	0.33	0.51	131.54	ppb
Antimony	121-1	0.04	0.04	0.04	0.04	7.94	ppb
Arsenic	75-2	0.03	0.01	0.01	0.01	93.68	ppb
Barium	135-1	0.01	0.00	0.00	0.00	131.87	ppb
Barium	137-1	0.02	0.01	-0.01	0.01	183.21	ppb
Beryllium	9-1	0.05	0.03	0.07	0.05	35.14	ppb
Bismuth	209-1				94		%
Bismuth	209-2				90		%
Boron	10-1	4.85	6.45	5.50	5.60	14.35	ppb
Boron	11-1	5.76	5.50	5.35	5.54	3.69	ppb
Cadmium	111-1	-0.15	-0.16	-0.18	-0.16		ppb
Cadmium	106-1	-2.71	-2.95	-3.30	-2.98		ppb
Cadmium	108-1	0.01	0.04	0.00	0.02	124.03	ppb
Calcium	43-1	2.08	-0.49	0.21	0.60	221.92	ppb
Calcium	44-1	-0.19	0.17	-0.79	-0.27		ppb
Chromium	52-2	0.01	-0.01	0.01	0.00	250.07	ppb
Cobalt	59-2	-0.01	0.00	0.00	0.00		ppb
Copper	63-2	0.12	0.09	0.05	0.08	40.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				94		%
Indium	115-1				89		%
Indium	115-2				88		%
Iron	56-2	1.62	0.97	1.06	1.22	28.94	ppb
Iron	57-2	2.96	1.35	0.47	1.59	79.22	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.05	0.05	0.05	14.76	ppb
Lead	207-1	0.04	0.05	0.06	0.05	12.62	ppb
Lead	208-1	0.05	0.05	0.05	0.05	5.53	ppb
Lithium	6-1				77		%
Magnesium	24-2	2.40	0.82	0.90	1.37	64.74	ppb

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	PB120266BL	Instrumnet Name :	P7
Client Sample ID :	PB120266BL	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 16:14:44	DataFile Name :	042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.02	0.05	0.01	0.03	72.12	ppb
Molybdenum	94-1	0.00	0.04	0.04	0.03	82.87	ppb
Molybdenum	95-1	0.04	0.06	0.04	0.05	23.71	ppb
Molybdenum	96-1	0.06	0.05	0.06	0.05	13.11	ppb
Molybdenum	97-1	0.04	0.04	0.03	0.03	19.10	ppb
Molybdenum	98-1	0.05	0.06	0.05	0.05	4.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.02	-0.01	-0.02		ppb
Phosphorus	31-2	-27.82	-38.31	-17.87	-28.00		ppb
Potassium	39-2	-4.70	-7.18	-7.21	-6.36		ppb
Rhodium	103-1				88		%
Rhodium	103-2				86		%
Scandium	45-1				81		%
Scandium	45-2				80		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.07	-0.65	-0.07	-0.26		ppb
Selenium	82-1	-0.13	0.09	-0.45	-0.16		ppb
Silicon	28-1	-0.99	-1.07	-1.71	-1.26		ppb
Silver	109-1	0.01	0.01	0.01	0.01	12.58	ppb
Silver	107-1	0.01	0.00	0.00	0.00	98.73	ppb
Sodium	23-2	-1.27	-1.23	-2.33	-1.61		ppb
Strontium	86-1	-0.01	0.00	0.05	0.02	204.00	ppb
Strontium	88-1	0.01	0.01	0.00	0.01	34.39	ppb
Sulfur	34-1	-487.88	-484.36	-604.75	-525.66		ppb
Terbium	159-1				92		%
Terbium	159-2				93		%
Thallium	203-1	0.03	0.02	0.03	0.03	11.36	ppb
Thallium	205-1	0.03	0.02	0.02	0.02	22.38	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	11.52	ppb
Tin	118-1	0.02	0.02	0.00	0.01	76.93	ppb
Titanium	47-1	0.04	-0.01	0.04	0.02	126.27	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	63.37	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	45.15	ppb
Yttrium	89-1				87		%
Yttrium	89-2				86		%

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	PB120266BL	Instrumnet Name :	P7
Client Sample ID :	PB120266BL	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 16:14:44	DataFile Name :	042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.31	0.04	-0.02	0.11	162.88	ppb
Zirconium	90-1	0.01	0.00	0.00	0.01	46.69	ppb
Zirconium	91-1	0.02	0.01	0.00	0.01	106.88	ppb

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	PB120266BS	Instrumnet Name :	P7
Client Sample ID :	PB120266BS	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 16:18:20	DataFile Name :	043LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10013.14	9765.19	9987.99	9922.11	1.38	ppb
Antimony	121-1	483.23	485.82	476.62	481.89	0.99	ppb
Arsenic	75-2	507.06	505.62	505.44	506.04	0.18	ppb
Barium	135-1	2414.64	2415.32	2377.26	2402.41	0.91	ppb
Barium	137-1	2458.05	2473.83	2418.28	2450.05	1.17	ppb
Beryllium	9-1	505.00	507.75	507.94	506.89	0.32	ppb
Bismuth	209-1				86		%
Bismuth	209-2				82		%
Boron	10-1	457.37	475.32	477.32	470.00	2.34	ppb
Boron	11-1	454.50	469.71	486.88	470.37	3.44	ppb
Cadmium	111-1	463.72	462.90	452.41	459.68	1.37	ppb
Cadmium	106-1	466.00	458.89	454.92	459.93	1.22	ppb
Cadmium	108-1	458.27	465.54	458.25	460.69	0.91	ppb
Calcium	43-1	51814.57	51937.31	52146.87	51966.25	0.32	ppb
Calcium	44-1	52531.11	52558.69	52850.72	52646.84	0.34	ppb
Chromium	52-2	523.03	511.70	521.15	518.63	1.17	ppb
Cobalt	59-2	531.80	522.18	530.28	528.09	0.98	ppb
Copper	63-2	994.01	977.25	993.78	988.35	0.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				88		%
Holmium	165-2				87		%
Indium	115-1				79		%
Indium	115-2				76		%
Iron	56-2	28998.21	28485.44	29013.92	28832.52	1.04	ppb
Iron	57-2	28515.29	28012.14	28609.03	28378.82	1.13	ppb
Krypton	83-1						cps
Lead	206-1	474.06	475.60	471.26	473.64	0.46	ppb
Lead	207-1	472.91	476.20	470.58	473.23	0.60	ppb
Lead	208-1	478.98	482.93	478.64	480.18	0.50	ppb
Lithium	6-1				69		%
Magnesium	24-2	53723.89	52840.76	53903.85	53489.50	1.06	ppb

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	PB120266BS	Instrumnet Name :	P7
Client Sample ID :	PB120266BS	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 16:18:20	DataFile Name :	043LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1041.46	1028.98	1045.80	1038.75	0.84	ppb
Molybdenum	94-1	2455.71	2455.83	2460.60	2457.38	0.11	ppb
Molybdenum	95-1	2459.17	2492.29	2471.01	2474.16	0.68	ppb
Molybdenum	96-1	2466.30	2491.62	2475.23	2477.72	0.52	ppb
Molybdenum	97-1	2368.12	2401.30	2381.88	2383.77	0.70	ppb
Molybdenum	98-1	2457.16	2478.12	2470.42	2468.57	0.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	534.64	525.44	537.68	532.59	1.20	ppb
Phosphorus	31-2	9861.41	9663.52	10143.64	9889.53	2.44	ppb
Potassium	39-2	25660.52	25472.61	25864.69	25665.94	0.76	ppb
Rhodium	103-1				72		%
Rhodium	103-2				73		%
Scandium	45-1				70		%
Scandium	45-2				68		%
Selenium	77-2	530.98	462.98	498.68	497.55	6.84	ppb
Selenium	78-2	495.63	487.94	514.13	499.23	2.70	ppb
Selenium	82-1	482.44	480.57	491.75	484.92	1.23	ppb
Silicon	28-1	532.75	536.42	538.35	535.84	0.53	ppb
Silver	109-1	472.25	471.03	464.30	469.19	0.91	ppb
Silver	107-1	470.73	466.34	460.85	465.97	1.06	ppb
Sodium	23-2	52037.56	51270.66	52055.57	51787.93	0.87	ppb
Strontium	86-1	478.08	481.54	479.24	479.62	0.37	ppb
Strontium	88-1	482.46	487.51	485.12	485.03	0.52	ppb
Sulfur	34-1	9214.41	9081.01	9144.01	9146.48	0.73	ppb
Terbium	159-1				86		%
Terbium	159-2				84		%
Thallium	203-1	473.13	476.70	468.87	472.90	0.83	ppb
Thallium	205-1	483.92	488.56	485.18	485.88	0.49	ppb
Thorium	232-1	479.00	477.22	472.46	476.23	0.71	ppb
Tin	118-1	478.27	481.77	473.73	477.92	0.84	ppb
Titanium	47-1	2476.90	2446.47	2470.64	2464.67	0.65	ppb
Uranium	238-1	476.98	471.12	472.07	473.39	0.66	ppb
Vanadium	51-2	517.77	507.99	524.03	516.60	1.57	ppb
Yttrium	89-1				77		%
Yttrium	89-2				75		%

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	PB120266BS	Instrumnet Name :	P7
Client Sample ID :	PB120266BS	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 16:18:20	DataFile Name :	043LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	983.34	965.03	995.39	981.25	1.56	ppb
Zirconium	90-1	487.97	492.82	490.28	490.35	0.49	ppb
Zirconium	91-1	481.28	486.53	481.92	483.24	0.59	ppb

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3066-01	Instrumnet Name :	P7
Client Sample ID :	FESB-27(3.5-4)	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 16:21:57	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	42463.23	42617.68	41754.69	42278.54	1.09	ppb
Antimony	121-1	0.27	0.29	0.32	0.29	9.18	ppb
Arsenic	75-2	14.28	14.99	15.05	14.77	2.90	ppb
Barium	135-1	200.16	198.51	197.32	198.66	0.72	ppb
Barium	137-1	196.89	199.41	195.38	197.23	1.03	ppb
Beryllium	9-1	3.54	3.51	3.73	3.59	3.39	ppb
Bismuth	209-1				93		%
Bismuth	209-2				90		%
Boron	10-1	32.99	29.79	28.54	30.44	7.54	ppb
Boron	11-1	33.41	32.17	29.21	31.60	6.82	ppb
Cadmium	111-1	0.62	0.60	0.59	0.60	3.13	ppb
Cadmium	106-1	7.14	5.99	5.19	6.11	16.00	ppb
Cadmium	108-1	4.50	3.92	3.36	3.93	14.40	ppb
Calcium	43-1	8636.15	8652.46	8564.14	8617.58	0.55	ppb
Calcium	44-1	8657.61	8691.23	8629.37	8659.40	0.36	ppb
Chromium	52-2	130.66	130.65	129.52	130.28	0.50	ppb
Cobalt	59-2	60.87	61.54	60.17	60.86	1.12	ppb
Copper	63-2	44.42	44.43	44.04	44.30	0.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				96		%
Indium	115-1				86		%
Indium	115-2				86		%
Iron	56-2	99474.27	99202.54	97764.22	98813.68	0.93	ppb
Iron	57-2	96949.55	97330.09	95679.39	96653.01	0.89	ppb
Krypton	83-1						cps
Lead	206-1	37.98	37.56	37.46	37.67	0.74	ppb
Lead	207-1	34.04	34.14	33.61	33.93	0.82	ppb
Lead	208-1	35.99	35.62	35.38	35.67	0.86	ppb
Lithium	6-1				78		%
Magnesium	24-2	24894.56	25050.05	24641.00	24861.87	0.83	ppb

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3066-01	Instrumnet Name :	P7
Client Sample ID :	FESB-27(3.5-4)	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 16:21:57	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	795.06	797.64	785.73	792.81	0.79	ppb
Molybdenum	94-1	49.92	50.85	49.44	50.07	1.44	ppb
Molybdenum	95-1	1.82	1.81	1.66	1.76	5.07	ppb
Molybdenum	96-1	8.37	8.21	8.14	8.24	1.45	ppb
Molybdenum	97-1	1.73	1.72	1.61	1.69	3.77	ppb
Molybdenum	98-1	1.90	1.79	1.67	1.79	6.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	112.06	112.90	111.82	112.26	0.51	ppb
Phosphorus	31-2	2223.83	1936.19	2153.12	2104.38	7.12	ppb
Potassium	39-2	3909.28	3916.79	3859.39	3895.15	0.80	ppb
Rhodium	103-1				82		%
Rhodium	103-2				83		%
Scandium	45-1				81		%
Scandium	45-2				82		%
Selenium	77-2	38.45	22.39	34.19	31.68	26.27	ppb
Selenium	78-2	5.18	6.30	4.96	5.48	13.11	ppb
Selenium	82-1	0.27	0.87	0.12	0.42	94.30	ppb
Silicon	28-1	2094.48	2131.67	2090.72	2105.62	1.08	ppb
Silver	109-1	0.09	0.08	0.08	0.08	7.87	ppb
Silver	107-1	0.12	0.13	0.11	0.12	8.12	ppb
Sodium	23-2	640.09	621.67	616.91	626.22	1.96	ppb
Strontium	86-1	27.42	27.37	27.19	27.33	0.44	ppb
Strontium	88-1	27.41	27.26	27.00	27.22	0.77	ppb
Sulfur	34-1	-1255.16	-1261.88	-1382.83	-1299.96		ppb
Terbium	159-1				93		%
Terbium	159-2				95		%
Thallium	203-1	0.41	0.40	0.38	0.40	3.42	ppb
Thallium	205-1	0.40	0.40	0.38	0.40	2.49	ppb
Thorium	232-1	22.99	22.77	22.64	22.80	0.79	ppb
Tin	118-1	0.82	0.84	0.84	0.83	1.16	ppb
Titanium	47-1	381.17	381.41	380.34	380.97	0.15	ppb
Uranium	238-1	2.37	2.42	2.35	2.38	1.63	ppb
Vanadium	51-2	81.29	81.45	80.05	80.93	0.95	ppb
Yttrium	89-1				99		%
Yttrium	89-2				99		%

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3066-01	Instrumnet Name :	P7
Client Sample ID :	FESB-27(3.5-4)	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 16:21:57	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	299.63	303.37	299.96	300.99	0.69	ppb
Zirconium	90-1	31.18	31.15	30.46	30.93	1.32	ppb
Zirconium	91-1	30.70	31.05	31.16	30.97	0.77	ppb

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3066-01DUP	Instrumnet Name :	P7
Client Sample ID :	FESB-27(3.5-4)DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 16:25:35	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	43618.11	43512.06	43336.20	43488.79	0.33	ppb
Antimony	121-1	0.07	0.08	0.12	0.09	33.17	ppb
Arsenic	75-2	14.94	15.87	14.87	15.22	3.66	ppb
Barium	135-1	188.56	197.05	205.23	196.95	4.23	ppb
Barium	137-1	187.98	197.13	205.06	196.72	4.35	ppb
Beryllium	9-1	3.22	3.50	3.51	3.41	4.87	ppb
Bismuth	209-1				94		%
Bismuth	209-2				88		%
Boron	10-1	18.08	18.77	18.42	18.42	1.87	ppb
Boron	11-1	18.32	19.21	20.64	19.39	6.03	ppb
Cadmium	111-1	0.42	0.55	0.51	0.49	13.12	ppb
Cadmium	106-1	3.10	5.47	4.81	4.46	27.33	ppb
Cadmium	108-1	3.65	3.70	4.15	3.83	7.19	ppb
Calcium	43-1	8512.10	8882.99	9342.37	8912.49	4.67	ppb
Calcium	44-1	8531.92	9000.79	9422.86	8985.19	4.96	ppb
Chromium	52-2	135.40	133.53	134.06	134.33	0.71	ppb
Cobalt	59-2	61.72	61.19	61.27	61.39	0.46	ppb
Copper	63-2	46.07	45.77	45.42	45.75	0.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				94		%
Indium	115-1				87		%
Indium	115-2				84		%
Iron	56-2	102215.93	101394.59	101051.96	101554.16	0.59	ppb
Iron	57-2	99338.28	99091.63	99296.25	99242.05	0.13	ppb
Krypton	83-1						cps
Lead	206-1	35.68	37.16	39.15	37.33	4.68	ppb
Lead	207-1	32.27	33.31	35.03	33.54	4.16	ppb
Lead	208-1	34.01	35.24	37.00	35.42	4.25	ppb
Lithium	6-1				79		%
Magnesium	24-2	25584.54	25446.60	25664.12	25565.09	0.43	ppb

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3066-01DUP	Instrumnet Name :	P7
Client Sample ID :	FESB-27(3.5-4)DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 16:25:35	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	807.18	802.07	804.73	804.66	0.32	ppb
Molybdenum	94-1	46.33	48.58	49.96	48.29	3.80	ppb
Molybdenum	95-1	1.64	1.59	1.64	1.62	1.91	ppb
Molybdenum	96-1	7.51	7.92	8.11	7.85	3.94	ppb
Molybdenum	97-1	1.48	1.48	1.48	1.48	0.25	ppb
Molybdenum	98-1	1.56	1.49	1.59	1.54	3.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	115.31	114.08	115.28	114.89	0.61	ppb
Phosphorus	31-2	2202.69	2261.14	2305.29	2256.38	2.28	ppb
Potassium	39-2	4035.72	4026.86	4107.60	4056.73	1.09	ppb
Rhodium	103-1				83		%
Rhodium	103-2				81		%
Scandium	45-1				82		%
Scandium	45-2				80		%
Selenium	77-2	36.53	39.36	38.77	38.22	3.90	ppb
Selenium	78-2	6.51	5.85	5.50	5.95	8.67	ppb
Selenium	82-1	0.26	0.36	0.38	0.33	20.02	ppb
Silicon	28-1	2701.19	2864.00	3042.71	2869.30	5.95	ppb
Silver	109-1	0.05	0.08	0.08	0.07	22.27	ppb
Silver	107-1	0.09	0.10	0.10	0.10	7.81	ppb
Sodium	23-2	637.79	639.45	634.13	637.12	0.43	ppb
Strontium	86-1	28.55	29.10	30.15	29.27	2.79	ppb
Strontium	88-1	28.08	29.07	29.88	29.01	3.10	ppb
Sulfur	34-1	-1739.04	-1593.70	-1373.75	-1568.83		ppb
Terbium	159-1				94		%
Terbium	159-2				93		%
Thallium	203-1	0.38	0.34	0.38	0.37	5.72	ppb
Thallium	205-1	0.35	0.36	0.37	0.36	2.95	ppb
Thorium	232-1	23.97	25.07	25.71	24.92	3.52	ppb
Tin	118-1	0.72	0.69	0.72	0.71	2.52	ppb
Titanium	47-1	362.46	384.97	399.97	382.47	4.94	ppb
Uranium	238-1	2.29	2.35	2.47	2.37	3.86	ppb
Vanadium	51-2	83.87	83.41	82.76	83.35	0.67	ppb
Yttrium	89-1				100		%
Yttrium	89-2				97		%

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3066-01DUP	Instrumnet Name :	P7
Client Sample ID :	FESB-27(3.5-4)DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 16:25:35	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	304.33	305.57	306.70	305.54	0.39	ppb
Zirconium	90-1	28.79	29.75	31.08	29.87	3.85	ppb
Zirconium	91-1	29.28	30.24	31.49	30.33	3.66	ppb

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3066-01LX5	Instrumnet Name :	P7
Client Sample ID :	FESB-27(3.5-4)L	Dilution Factor :	5
Date & Time Acquired ::	2019-06-03 16:29:14	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8437.43	8179.65	8323.01	8313.37	1.55	ppb
Antimony	121-1	0.05	0.05	0.07	0.06	20.36	ppb
Arsenic	75-2	3.09	3.15	3.45	3.23	5.88	ppb
Barium	135-1	38.17	37.54	36.75	37.49	1.90	ppb
Barium	137-1	37.60	37.80	37.05	37.48	1.04	ppb
Beryllium	9-1	0.71	0.72	0.74	0.72	2.22	ppb
Bismuth	209-1				90		%
Bismuth	209-2				87		%
Boron	10-1	9.03	9.76	9.49	9.43	3.95	ppb
Boron	11-1	10.20	9.93	9.78	9.97	2.13	ppb
Cadmium	111-1	0.00	0.02	-0.08	-0.02		ppb
Cadmium	106-1	-1.25	-0.78	-2.84	-1.62		ppb
Cadmium	108-1	0.58	0.61	0.57	0.59	4.00	ppb
Calcium	43-1	1642.49	1671.80	1675.50	1663.27	1.09	ppb
Calcium	44-1	1699.33	1701.45	1678.53	1693.10	0.75	ppb
Chromium	52-2	25.81	25.39	25.75	25.65	0.87	ppb
Cobalt	59-2	12.04	12.02	11.80	11.96	1.10	ppb
Copper	63-2	8.93	8.83	9.02	8.93	1.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				90		%
Holmium	165-2				91		%
Indium	115-1				84		%
Indium	115-2				83		%
Iron	56-2	19739.74	19301.44	19383.29	19474.82	1.20	ppb
Iron	57-2	18971.31	18517.28	18735.71	18741.43	1.21	ppb
Krypton	83-1						cps
Lead	206-1	7.05	7.05	6.92	7.01	1.11	ppb
Lead	207-1	6.49	6.35	6.16	6.34	2.60	ppb
Lead	208-1	6.72	6.70	6.48	6.63	2.00	ppb
Lithium	6-1				74		%
Magnesium	24-2	4933.79	4784.21	4830.22	4849.41	1.58	ppb

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3066-01LX5	Instrumnet Name :	P7
Client Sample ID :	FESB-27(3.5-4)L	Dilution Factor :	5
Date & Time Acquired ::	2019-06-03 16:29:14	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	156.67	153.26	153.51	154.48	1.23	ppb
Molybdenum	94-1	11.16	10.69	10.71	10.85	2.45	ppb
Molybdenum	95-1	0.41	0.38	0.36	0.38	6.81	ppb
Molybdenum	96-1	1.81	1.84	1.83	1.83	0.81	ppb
Molybdenum	97-1	0.25	0.33	0.29	0.29	14.87	ppb
Molybdenum	98-1	0.39	0.32	0.39	0.36	11.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	22.52	21.99	21.83	22.11	1.64	ppb
Phosphorus	31-2	396.44	323.70	393.41	371.18	11.09	ppb
Potassium	39-2	764.77	766.24	751.96	760.99	1.03	ppb
Rhodium	103-1				81		%
Rhodium	103-2				82		%
Scandium	45-1				76		%
Scandium	45-2				76		%
Selenium	77-2	3.03	5.94	7.25	5.41	40.00	ppb
Selenium	78-2	1.58	1.12	1.17	1.29	19.37	ppb
Selenium	82-1	-0.26	0.06	-0.09	-0.09		ppb
Silicon	28-1	388.72	391.64	383.21	387.86	1.10	ppb
Silver	109-1	0.01	0.01	0.01	0.01	3.66	ppb
Silver	107-1	0.02	0.02	0.03	0.02	31.76	ppb
Sodium	23-2	121.85	116.96	115.93	118.24	2.67	ppb
Strontium	86-1	5.93	6.17	5.76	5.95	3.44	ppb
Strontium	88-1	5.86	5.92	5.81	5.86	0.89	ppb
Sulfur	34-1	-1344.77	-1319.69	-1384.37	-1349.61		ppb
Terbium	159-1				89		%
Terbium	159-2				90		%
Thallium	203-1	0.10	0.10	0.09	0.10	8.73	ppb
Thallium	205-1	0.10	0.09	0.09	0.09	7.01	ppb
Thorium	232-1	4.18	4.08	4.04	4.10	1.68	ppb
Tin	118-1	0.13	0.12	0.12	0.12	3.04	ppb
Titanium	47-1	74.51	72.45	73.11	73.35	1.44	ppb
Uranium	238-1	0.45	0.44	0.42	0.44	3.38	ppb
Vanadium	51-2	15.93	15.83	15.93	15.90	0.35	ppb
Yttrium	89-1				84		%
Yttrium	89-2				84		%

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3066-01LX5	Instrumnet Name :	P7
Client Sample ID :	FESB-27(3.5-4)L	Dilution Factor :	5
Date & Time Acquired ::	2019-06-03 16:29:14	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	58.62	57.03	56.34	57.33	2.04	ppb
Zirconium	90-1	6.71	6.78	6.36	6.62	3.43	ppb
Zirconium	91-1	6.92	6.60	6.68	6.73	2.45	ppb

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3066-03	Instrumnet Name :	P7
Client Sample ID :	FESB-27(3.5-4)MS	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 16:32:50	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50385.46	50193.57	50078.70	50219.24	0.31	ppb
Antimony	121-1	442.59	463.03	451.12	452.25	2.27	ppb
Arsenic	75-2	422.25	426.11	417.31	421.89	1.05	ppb
Barium	135-1	2563.61	2664.45	2579.59	2602.55	2.08	ppb
Barium	137-1	2639.03	2733.71	2674.28	2682.34	1.78	ppb
Beryllium	9-1	484.12	496.36	486.73	489.07	1.32	ppb
Bismuth	209-1				88		%
Bismuth	209-2				84		%
Boron	10-1	467.17	493.02	502.84	487.67	3.78	ppb
Boron	11-1	466.09	494.19	488.08	482.79	3.06	ppb
Cadmium	111-1	429.62	443.33	433.25	435.40	1.63	ppb
Cadmium	106-1	439.25	454.56	440.72	444.84	1.90	ppb
Cadmium	108-1	438.22	457.50	446.13	447.28	2.17	ppb
Calcium	43-1	53357.50	54455.19	54069.05	53960.58	1.03	ppb
Calcium	44-1	54030.56	55286.06	54544.44	54620.35	1.16	ppb
Chromium	52-2	586.09	581.41	583.14	583.55	0.41	ppb
Cobalt	59-2	528.56	529.25	526.72	528.17	0.25	ppb
Copper	63-2	970.03	972.89	971.69	971.54	0.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				92		%
Indium	115-1				82		%
Indium	115-2				80		%
Iron	56-2	121791.26	120484.24	120663.81	120979.77	0.59	ppb
Iron	57-2	117977.67	117455.10	117833.48	117755.42	0.23	ppb
Krypton	83-1						cps
Lead	206-1	490.90	500.71	493.09	494.90	1.04	ppb
Lead	207-1	470.57	485.94	480.32	478.94	1.62	ppb
Lead	208-1	487.92	502.24	495.05	495.07	1.45	ppb
Lithium	6-1				75		%
Magnesium	24-2	70808.80	70351.60	70443.07	70534.49	0.34	ppb

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3066-03	Instrumnet Name :	P7
Client Sample ID :	FESB-27(3.5-4)MS	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 16:32:50	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1758.14	1753.51	1760.75	1757.47	0.21	ppb
Molybdenum	94-1	2233.31	2308.19	2254.92	2265.47	1.70	ppb
Molybdenum	95-1	2262.23	2325.01	2279.85	2289.03	1.41	ppb
Molybdenum	96-1	2254.97	2335.20	2269.98	2286.72	1.87	ppb
Molybdenum	97-1	2258.09	2327.38	2285.58	2290.35	1.52	ppb
Molybdenum	98-1	2257.70	2327.17	2289.11	2291.33	1.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	574.33	572.49	571.45	572.76	0.25	ppb
Phosphorus	31-2	1942.57	2026.98	2074.54	2014.70	3.32	ppb
Potassium	39-2	28353.04	28355.27	28215.38	28307.89	0.28	ppb
Rhodium	103-1				77		%
Rhodium	103-2				76		%
Scandium	45-1				78		%
Scandium	45-2				78		%
Selenium	77-2	458.56	427.71	449.66	445.31	3.57	ppb
Selenium	78-2	415.03	418.55	432.15	421.91	2.14	ppb
Selenium	82-1	401.30	410.83	402.01	404.71	1.31	ppb
Silicon	28-1	5537.70	6293.69	5541.76	5791.05	7.52	ppb
Silver	109-1	426.41	438.65	427.51	430.86	1.57	ppb
Silver	107-1	425.95	436.86	427.78	430.20	1.36	ppb
Sodium	23-2	45668.42	45537.12	45384.01	45529.85	0.31	ppb
Strontium	86-1	423.14	434.51	423.58	427.08	1.51	ppb
Strontium	88-1	425.89	442.44	430.59	432.97	1.97	ppb
Sulfur	34-1	-1166.68	-1034.66	-1030.83	-1077.39		ppb
Terbium	159-1				91		%
Terbium	159-2				90		%
Thallium	203-1	450.32	461.85	455.75	455.97	1.27	ppb
Thallium	205-1	464.41	480.76	470.80	471.99	1.75	ppb
Thorium	232-1	22.34	22.78	22.38	22.50	1.08	ppb
Tin	118-1	470.97	490.56	476.87	479.46	2.10	ppb
Titanium	47-1	2826.42	2898.27	2876.21	2866.97	1.28	ppb
Uranium	238-1	453.31	464.54	453.40	457.09	1.41	ppb
Vanadium	51-2	543.68	542.83	540.48	542.33	0.31	ppb
Yttrium	89-1				94		%
Yttrium	89-2				93		%

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3066-03	Instrumnet Name :	P7
Client Sample ID :	FESB-27(3.5-4)MS	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 16:32:50	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1207.21	1210.43	1204.41	1207.35	0.25	ppb
Zirconium	90-1	435.75	449.36	441.75	442.29	1.54	ppb
Zirconium	91-1	430.07	442.57	432.69	435.11	1.51	ppb

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3066-04	Instrumnet Name :	P7
Client Sample ID :	FESB-27(3.5-4)MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 16:42:10	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49859.49	49889.26	49853.01	49867.25	0.04	ppb
Antimony	121-1	453.33	431.66	382.16	422.39	8.64	ppb
Arsenic	75-2	417.63	416.41	414.94	416.33	0.32	ppb
Barium	135-1	2626.58	2513.52	2227.18	2455.76	8.38	ppb
Barium	137-1	2699.02	2592.19	2297.39	2529.53	8.22	ppb
Beryllium	9-1	487.96	470.55	423.35	460.62	7.26	ppb
Bismuth	209-1				94		%
Bismuth	209-2				85		%
Boron	10-1	471.07	473.84	434.05	459.65	4.83	ppb
Boron	11-1	479.05	474.09	429.05	460.73	5.98	ppb
Cadmium	111-1	435.83	416.25	368.91	407.00	8.45	ppb
Cadmium	106-1	437.68	419.36	376.26	411.10	7.67	ppb
Cadmium	108-1	444.35	431.80	375.18	417.11	8.83	ppb
Calcium	43-1	54010.77	51724.75	45833.15	50522.89	8.35	ppb
Calcium	44-1	55167.63	52559.03	46160.93	51295.86	9.03	ppb
Chromium	52-2	581.67	582.22	581.34	581.74	0.08	ppb
Cobalt	59-2	524.23	523.99	525.49	524.57	0.15	ppb
Copper	63-2	962.11	968.52	968.71	966.45	0.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				93		%
Indium	115-1				87		%
Indium	115-2				80		%
Iron	56-2	119920.90	120265.79	119716.95	119967.88	0.23	ppb
Iron	57-2	117505.21	117033.95	118136.40	117558.52	0.47	ppb
Krypton	83-1						cps
Lead	206-1	502.15	478.05	420.02	466.74	9.05	ppb
Lead	207-1	486.56	458.36	405.81	450.24	9.10	ppb
Lead	208-1	501.30	477.46	419.95	466.23	8.97	ppb
Lithium	6-1				79		%
Magnesium	24-2	70182.67	70221.72	69951.22	70118.54	0.21	ppb

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3066-04	Instrumnet Name :	P7
Client Sample ID :	FESB-27(3.5-4)MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 16:42:10	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1737.33	1743.87	1742.83	1741.34	0.20	ppb
Molybdenum	94-1	2277.90	2184.93	1958.32	2140.38	7.68	ppb
Molybdenum	95-1	2307.20	2222.65	1990.09	2173.31	7.56	ppb
Molybdenum	96-1	2308.95	2232.84	1985.53	2175.77	7.77	ppb
Molybdenum	97-1	2310.77	2223.49	1994.98	2176.41	7.49	ppb
Molybdenum	98-1	2317.03	2225.21	1984.30	2175.51	7.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	571.03	569.13	572.84	571.00	0.33	ppb
Phosphorus	31-2	1939.58	2047.87	1977.91	1988.45	2.76	ppb
Potassium	39-2	27993.67	28091.64	28228.15	28104.48	0.42	ppb
Rhodium	103-1				81		%
Rhodium	103-2				77		%
Scandium	45-1				82		%
Scandium	45-2				78		%
Selenium	77-2	437.14	446.63	435.75	439.84	1.35	ppb
Selenium	78-2	414.30	419.06	419.83	417.73	0.72	ppb
Selenium	82-1	401.54	386.43	347.61	378.53	7.35	ppb
Silicon	28-1	5569.95	5326.87	4786.01	5227.61	7.68	ppb
Silver	109-1	433.40	414.59	365.31	404.43	8.70	ppb
Silver	107-1	435.93	412.92	364.40	404.41	9.03	ppb
Sodium	23-2	45429.59	45224.62	45188.45	45280.89	0.29	ppb
Strontium	86-1	425.89	412.08	373.32	403.76	6.75	ppb
Strontium	88-1	436.31	418.55	377.68	410.85	7.32	ppb
Sulfur	34-1	-1121.96	-1146.87	-1583.23	-1284.02		ppb
Terbium	159-1				96		%
Terbium	159-2				91		%
Thallium	203-1	459.93	443.04	385.25	429.41	9.12	ppb
Thallium	205-1	477.92	457.62	403.78	446.44	8.58	ppb
Thorium	232-1	22.77	21.68	19.09	21.18	8.93	ppb
Tin	118-1	478.41	456.81	407.46	447.56	8.13	ppb
Titanium	47-1	2910.56	2745.87	2405.31	2687.25	9.59	ppb
Uranium	238-1	462.63	442.58	388.53	431.25	8.89	ppb
Vanadium	51-2	539.58	536.31	537.48	537.79	0.31	ppb
Yttrium	89-1				99		%
Yttrium	89-2				94		%

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3066-04	Instrumnet Name :	P7
Client Sample ID :	FESB-27(3.5-4)MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 16:42:10	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1188.22	1192.48	1188.96	1189.89	0.19	ppb
Zirconium	90-1	442.78	426.32	380.62	416.57	7.73	ppb
Zirconium	91-1	436.02	419.03	376.63	410.56	7.45	ppb

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3066-02	Instrumnet Name :	P7
Client Sample ID :	FESB-25(5.5-6)	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 16:46:11	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	44244.31	44931.23	42353.38	43842.97	3.04	ppb
Antimony	121-1	0.30	0.35	0.40	0.35	14.78	ppb
Arsenic	75-2	5.88	6.00	6.19	6.03	2.56	ppb
Barium	135-1	535.71	540.31	538.93	538.32	0.44	ppb
Barium	137-1	534.89	540.14	542.11	539.05	0.69	ppb
Beryllium	9-1	3.08	2.88	3.07	3.01	3.76	ppb
Bismuth	209-1				95		%
Bismuth	209-2				90		%
Boron	10-1	32.25	32.18	32.16	32.20	0.15	ppb
Boron	11-1	32.97	30.69	30.32	31.32	4.58	ppb
Cadmium	111-1	0.82	0.56	0.64	0.68	19.83	ppb
Cadmium	106-1	5.93	2.56	3.99	4.16	40.72	ppb
Cadmium	108-1	3.60	3.79	3.87	3.75	3.77	ppb
Calcium	43-1	8707.19	8621.18	8681.74	8670.04	0.51	ppb
Calcium	44-1	8703.91	8772.78	8750.85	8742.51	0.40	ppb
Chromium	52-2	130.04	132.17	125.57	129.26	2.61	ppb
Cobalt	59-2	57.86	57.83	54.21	56.63	3.71	ppb
Copper	63-2	55.03	55.24	52.78	54.35	2.50	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				97		%
Holmium	165-2				97		%
Indium	115-1				89		%
Indium	115-2				87		%
Iron	56-2	75879.40	76620.44	72056.17	74852.00	3.27	ppb
Iron	57-2	72975.78	73972.68	69407.98	72118.81	3.33	ppb
Krypton	83-1						cps
Lead	206-1	27.50	27.97	28.08	27.85	1.10	ppb
Lead	207-1	25.03	25.36	25.27	25.22	0.67	ppb
Lead	208-1	26.24	26.59	26.61	26.48	0.79	ppb
Lithium	6-1				80		%
Magnesium	24-2	19940.76	20214.40	19099.32	19751.50	2.94	ppb

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3066-02	Instrumnet Name :	P7
Client Sample ID :	FESB-25(5.5-6)	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 16:46:11	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	789.83	795.83	753.20	779.62	2.96	ppb
Molybdenum	94-1	44.63	43.39	43.60	43.87	1.51	ppb
Molybdenum	95-1	1.54	1.67	1.58	1.60	3.96	ppb
Molybdenum	96-1	7.29	7.08	7.33	7.24	1.84	ppb
Molybdenum	97-1	1.56	1.55	1.71	1.61	5.51	ppb
Molybdenum	98-1	1.49	1.58	1.59	1.55	3.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	77.85	77.16	73.84	76.29	2.81	ppb
Phosphorus	31-2	626.73	717.63	620.59	654.98	8.30	ppb
Potassium	39-2	1378.00	1390.90	1301.73	1356.88	3.55	ppb
Rhodium	103-1				84		%
Rhodium	103-2				84		%
Scandium	45-1				84		%
Scandium	45-2				84		%
Selenium	77-2	31.90	23.61	27.47	27.66	15.00	ppb
Selenium	78-2	6.85	7.69	5.63	6.72	15.40	ppb
Selenium	82-1	1.92	2.51	2.25	2.23	13.33	ppb
Silicon	28-1	2371.41	2364.83	2377.66	2371.30	0.27	ppb
Silver	109-1	0.15	0.14	0.15	0.14	4.08	ppb
Silver	107-1	0.17	0.18	0.18	0.18	3.12	ppb
Sodium	23-2	464.85	470.64	439.96	458.48	3.56	ppb
Strontium	86-1	32.76	33.28	32.38	32.81	1.38	ppb
Strontium	88-1	33.24	33.15	33.16	33.19	0.15	ppb
Sulfur	34-1	6516.98	6592.57	6542.91	6550.82	0.59	ppb
Terbium	159-1				96		%
Terbium	159-2				96		%
Thallium	203-1	0.33	0.33	0.34	0.33	1.70	ppb
Thallium	205-1	0.34	0.35	0.37	0.35	4.42	ppb
Thorium	232-1	12.55	12.55	12.65	12.58	0.49	ppb
Tin	118-1	0.37	0.36	0.41	0.38	6.60	ppb
Titanium	47-1	238.97	243.20	241.03	241.07	0.88	ppb
Uranium	238-1	6.54	6.67	6.64	6.62	0.99	ppb
Vanadium	51-2	144.12	144.62	136.14	141.63	3.36	ppb
Yttrium	89-1				102		%
Yttrium	89-2				102		%

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3066-02	Instrumnet Name :	P7
Client Sample ID :	FESB-25(5.5-6)	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 16:46:11	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	241.22	243.38	226.74	237.12	3.82	ppb
Zirconium	90-1	27.12	26.87	26.87	26.95	0.54	ppb
Zirconium	91-1	27.43	26.95	27.53	27.30	1.14	ppb

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3076-01	Instrumnet Name :	P7
Client Sample ID :	FESB-07(5-5.5)	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 16:49:48	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	78080.07	77852.70	76160.19	77364.32	1.36	ppb
Antimony	121-1	0.16	0.20	0.22	0.19	17.78	ppb
Arsenic	75-2	28.38	28.24	27.81	28.14	1.05	ppb
Barium	135-1	511.79	510.20	509.52	510.50	0.23	ppb
Barium	137-1	510.04	508.51	515.50	511.35	0.72	ppb
Beryllium	9-1	6.82	6.81	6.82	6.82	0.10	ppb
Bismuth	209-1				91		%
Bismuth	209-2				86		%
Boron	10-1	24.97	26.93	24.58	25.49	4.93	ppb
Boron	11-1	25.35	25.69	25.92	25.65	1.10	ppb
Cadmium	111-1	1.52	1.49	1.53	1.51	1.40	ppb
Cadmium	106-1	10.92	10.63	11.68	11.08	4.86	ppb
Cadmium	108-1	6.36	6.17	6.94	6.49	6.12	ppb
Calcium	43-1	6525.58	6539.96	6500.62	6522.06	0.31	ppb
Calcium	44-1	6554.23	6553.72	6680.70	6596.22	1.11	ppb
Chromium	52-2	155.23	155.63	152.23	154.36	1.20	ppb
Cobalt	59-2	77.86	78.57	76.99	77.80	1.02	ppb
Copper	63-2	206.87	205.73	202.14	204.91	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				95		%
Holmium	165-2				94		%
Indium	115-1				85		%
Indium	115-2				84		%
Iron	56-2	185865.25	185665.49	180867.90	184132.88	1.54	ppb
Iron	57-2	184109.65	184307.27	179647.88	182688.26	1.44	ppb
Krypton	83-1						cps
Lead	206-1	182.52	181.77	184.27	182.85	0.70	ppb
Lead	207-1	167.65	167.24	168.26	167.72	0.31	ppb
Lead	208-1	174.39	173.37	175.49	174.42	0.61	ppb
Lithium	6-1				79		%
Magnesium	24-2	41616.34	41639.74	40611.87	41289.32	1.42	ppb

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3076-01	Instrumnet Name :	P7
Client Sample ID :	FESB-07(5-5.5)	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 16:49:48	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1411.26	1412.75	1380.87	1401.63	1.28	ppb
Molybdenum	94-1	71.79	71.20	71.99	71.66	0.58	ppb
Molybdenum	95-1	2.88	2.91	2.89	2.89	0.46	ppb
Molybdenum	96-1	11.90	12.20	12.30	12.13	1.71	ppb
Molybdenum	97-1	2.81	2.95	2.85	2.87	2.46	ppb
Molybdenum	98-1	2.95	2.88	2.95	2.93	1.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	177.24	178.02	174.36	176.54	1.09	ppb
Phosphorus	31-2	3901.21	3813.65	3862.15	3859.00	1.14	ppb
Potassium	39-2	4750.41	4788.17	4649.56	4729.38	1.52	ppb
Rhodium	103-1				81		%
Rhodium	103-2				80		%
Scandium	45-1				83		%
Scandium	45-2				82		%
Selenium	77-2	40.82	41.14	39.36	40.44	2.34	ppb
Selenium	78-2	8.88	8.68	8.28	8.61	3.56	ppb
Selenium	82-1	1.25	0.51	1.13	0.96	41.39	ppb
Silicon	28-1	2940.08	2944.29	2966.78	2950.38	0.49	ppb
Silver	109-1	0.32	0.39	0.35	0.35	10.08	ppb
Silver	107-1	0.36	0.41	0.39	0.39	6.77	ppb
Sodium	23-2	711.66	725.41	700.77	712.61	1.73	ppb
Strontium	86-1	45.10	45.67	45.44	45.41	0.63	ppb
Strontium	88-1	45.24	45.28	45.13	45.21	0.17	ppb
Sulfur	34-1	-214.63	-150.37	-85.05	-150.01		ppb
Terbium	159-1				93		%
Terbium	159-2				93		%
Thallium	203-1	0.65	0.65	0.70	0.67	4.04	ppb
Thallium	205-1	0.62	0.67	0.68	0.65	4.53	ppb
Thorium	232-1	29.92	29.92	29.95	29.93	0.06	ppb
Tin	118-1	1.85	1.77	1.79	1.80	2.26	ppb
Titanium	47-1	343.75	339.78	347.09	343.54	1.07	ppb
Uranium	238-1	4.78	4.68	4.72	4.73	1.07	ppb
Vanadium	51-2	172.61	171.73	168.01	170.78	1.43	ppb
Yttrium	89-1				108		%
Yttrium	89-2				107		%

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3076-01	Instrumnet Name :	P7
Client Sample ID :	FESB-07(5-5.5)	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 16:49:48	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	677.53	676.49	669.22	674.41	0.67	ppb
Zirconium	90-1	43.75	43.60	44.13	43.83	0.63	ppb
Zirconium	91-1	44.57	44.55	44.99	44.70	0.55	ppb

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	CCV45	Instrumnet Name :	P7
Client Sample ID :	CCV45	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 17:08:49	DataFile Name :	051CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53471.27	53701.56	53252.68	53475.17	0.42	ppb
Antimony	121-1	531.28	531.63	529.17	530.69	0.25	ppb
Arsenic	75-2	537.75	528.24	533.68	533.22	0.89	ppb
Barium	135-1	2366.90	2368.44	2342.35	2359.23	0.62	ppb
Barium	137-1	2437.86	2440.32	2420.34	2432.84	0.45	ppb
Beryllium	9-1	495.32	496.46	491.80	494.53	0.49	ppb
Bismuth	209-1				77		%
Bismuth	209-2				75		%
Boron	10-1	461.55	457.38	479.97	466.30	2.58	ppb
Boron	11-1	458.20	474.24	482.44	471.62	2.61	ppb
Cadmium	111-1	486.88	483.22	483.10	484.40	0.44	ppb
Cadmium	106-1	482.03	484.67	476.95	481.21	0.82	ppb
Cadmium	108-1	489.17	494.24	476.06	486.49	1.93	ppb
Calcium	43-1	247757.07	248925.88	248693.16	248458.70	0.25	ppb
Calcium	44-1	253237.75	253415.04	253146.17	253266.32	0.05	ppb
Chromium	52-2	510.59	508.23	503.91	507.58	0.67	ppb
Cobalt	59-2	503.48	505.29	500.25	503.01	0.51	ppb
Copper	63-2	1066.20	1071.97	1060.97	1066.38	0.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				84		%
Holmium	165-2				84		%
Indium	115-1				73		%
Indium	115-2				74		%
Iron	56-2	135703.08	135164.24	133566.75	134811.36	0.82	ppb
Iron	57-2	133206.34	133079.55	131820.05	132701.98	0.58	ppb
Krypton	83-1						cps
Lead	206-1	480.61	480.20	481.22	480.68	0.11	ppb
Lead	207-1	479.11	477.43	483.42	479.99	0.64	ppb
Lead	208-1	487.73	488.14	490.74	488.87	0.33	ppb
Lithium	6-1				67		%
Magnesium	24-2	252413.71	252651.79	250248.81	251771.43	0.53	ppb

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	CCV45	Instrumnet Name :	P7
Client Sample ID :	CCV45	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 17:08:49	DataFile Name :	051CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1011.60	1014.36	1000.35	1008.77	0.74	ppb
Molybdenum	94-1	2457.77	2474.18	2474.56	2468.84	0.39	ppb
Molybdenum	95-1	2470.64	2464.81	2471.51	2468.99	0.15	ppb
Molybdenum	96-1	2465.93	2484.82	2473.52	2474.76	0.38	ppb
Molybdenum	97-1	2366.78	2380.52	2368.24	2371.85	0.32	ppb
Molybdenum	98-1	2460.81	2461.35	2462.13	2461.43	0.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	495.12	491.46	490.02	492.20	0.53	ppb
Phosphorus	31-2	9500.51	9977.74	9522.89	9667.05	2.79	ppb
Potassium	39-2	129868.73	129982.01	128446.37	129432.37	0.66	ppb
Rhodium	103-1				65		%
Rhodium	103-2				68		%
Scandium	45-1				67		%
Scandium	45-2				70		%
Selenium	77-2	529.10	524.35	533.80	529.08	0.89	ppb
Selenium	78-2	521.88	520.75	522.20	521.61	0.15	ppb
Selenium	82-1	478.94	480.24	483.57	480.92	0.50	ppb
Silicon	28-1	517.13	524.56	527.64	523.11	1.03	ppb
Silver	109-1	491.07	485.85	485.16	487.36	0.66	ppb
Silver	107-1	488.28	487.18	484.21	486.56	0.43	ppb
Sodium	23-2	250263.33	249609.50	247757.47	249210.10	0.52	ppb
Strontium	86-1	476.96	476.22	477.17	476.78	0.10	ppb
Strontium	88-1	485.55	486.27	488.09	486.64	0.27	ppb
Sulfur	34-1	9319.21	9182.74	9307.55	9269.83	0.82	ppb
Terbium	159-1				83		%
Terbium	159-2				82		%
Thallium	203-1	482.50	480.15	485.48	482.71	0.55	ppb
Thallium	205-1	499.81	502.04	501.47	501.11	0.23	ppb
Thorium	232-1	502.83	502.86	505.76	503.82	0.33	ppb
Tin	118-1	464.97	464.96	461.49	463.81	0.43	ppb
Titanium	47-1	2458.18	2468.05	2463.44	2463.23	0.20	ppb
Uranium	238-1	497.45	498.97	505.47	500.63	0.85	ppb
Vanadium	51-2	509.20	511.26	506.42	508.96	0.48	ppb
Yttrium	89-1				73		%
Yttrium	89-2				75		%

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	CCV45	Instrumnet Name :	P7
Client Sample ID :	CCV45	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 17:08:49	DataFile Name :	051CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1054.24	1068.71	1059.03	1060.66	0.69	ppb
Zirconium	90-1	494.98	492.36	494.19	493.84	0.27	ppb
Zirconium	91-1	484.48	486.59	485.00	485.36	0.23	ppb

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	CCB45	Instrumnet Name :	P7
Client Sample ID :	CCB45	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 17:18:11	DataFile Name :	052CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14.07	13.03	13.44	13.51	3.90	ppb
Antimony	121-1	0.15	0.19	0.17	0.17	10.71	ppb
Arsenic	75-2	0.01	0.02	0.00	0.01	129.15	ppb
Barium	135-1	0.02	0.04	0.04	0.04	39.05	ppb
Barium	137-1	0.01	0.02	0.05	0.03	70.91	ppb
Beryllium	9-1	0.06	0.06	0.09	0.07	21.48	ppb
Bismuth	209-1				92		%
Bismuth	209-2				90		%
Boron	10-1	6.99	6.91	7.68	7.19	5.90	ppb
Boron	11-1	7.54	7.05	7.08	7.22	3.79	ppb
Cadmium	111-1	-0.18	-0.23	-0.15	-0.19		ppb
Cadmium	106-1	-3.53	-4.39	-2.99	-3.63		ppb
Cadmium	108-1	-0.06	0.01	-0.03	-0.03		ppb
Calcium	43-1	3.99	1.08	3.91	2.99	55.39	ppb
Calcium	44-1	1.65	4.44	2.69	2.93	48.22	ppb
Chromium	52-2	0.01	0.00	0.05	0.02	130.79	ppb
Cobalt	59-2	0.01	0.00	0.00	0.00	713.98	ppb
Copper	63-2	0.10	0.09	0.07	0.09	21.31	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				92		%
Holmium	165-2				95		%
Indium	115-1				89		%
Indium	115-2				90		%
Iron	56-2	2.56	2.77	2.50	2.61	5.31	ppb
Iron	57-2	1.92	3.18	2.84	2.65	24.80	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.04	0.03	0.03	10.29	ppb
Lead	207-1	0.04	0.03	0.03	0.03	22.55	ppb
Lead	208-1	0.04	0.04	0.03	0.03	11.99	ppb
Lithium	6-1				78		%
Magnesium	24-2	2.50	1.88	2.78	2.39	19.34	ppb

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	CCB45	Instrumnet Name :	P7
Client Sample ID :	CCB45	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 17:18:11	DataFile Name :	052CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.04	0.04	0.03	0.04	13.79	ppb
Molybdenum	94-1	0.09	0.08	0.09	0.09	4.39	ppb
Molybdenum	95-1	0.17	0.14	0.10	0.14	23.46	ppb
Molybdenum	96-1	0.11	0.09	0.14	0.11	19.71	ppb
Molybdenum	97-1	0.13	0.10	0.09	0.11	19.39	ppb
Molybdenum	98-1	0.15	0.10	0.12	0.13	18.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.05	-0.01	-0.05	-0.04		ppb
Phosphorus	31-2	-43.83	-23.68	-33.83	-33.78		ppb
Potassium	39-2	-3.08	-3.59	-2.14	-2.94		ppb
Rhodium	103-1				87		%
Rhodium	103-2				89		%
Scandium	45-1				81		%
Scandium	45-2				84		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.70	-0.13	0.15	-0.23		ppb
Selenium	82-1	0.75	1.04	0.09	0.63	78.40	ppb
Silicon	28-1	-1.67	-1.75	-0.58	-1.33		ppb
Silver	109-1	0.01	0.01	0.01	0.01	14.79	ppb
Silver	107-1	0.00	0.00	0.00	0.00	53.67	ppb
Sodium	23-2	3.55	3.99	2.65	3.40	20.08	ppb
Strontium	86-1	-0.01	-0.01	0.04	0.01	299.01	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	25.84	ppb
Sulfur	34-1	-598.08	-642.11	-448.28	-562.82		ppb
Terbium	159-1				91		%
Terbium	159-2				94		%
Thallium	203-1	0.05	0.06	0.05	0.06	5.02	ppb
Thallium	205-1	0.05	0.05	0.04	0.05	8.71	ppb
Thorium	232-1	0.02	0.01	0.02	0.02	18.21	ppb
Tin	118-1	0.00	-0.02	0.00	-0.01		ppb
Titanium	47-1	-0.01	0.08	0.05	0.04	124.89	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	44.61	ppb
Vanadium	51-2	0.00	0.01	0.01	0.01	54.82	ppb
Yttrium	89-1				86		%
Yttrium	89-2				89		%

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	CCB45	Instrumnet Name :	P7
Client Sample ID :	CCB45	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 17:18:11	DataFile Name :	052CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.06	0.18	-0.02	0.07	133.13	ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	71.60	ppb
Zirconium	91-1	0.01	0.01	0.03	0.02	42.38	ppb

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3076-02	Instrumnet Name :	P7
Client Sample ID :	FESB-08(6.5-7)	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 17:38:19	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	110794.57	117421.01	106881.58	111699.05	4.77	ppb
Antimony	121-1	0.08	0.09	0.06	0.08	23.09	ppb
Arsenic	75-2	14.50	15.22	13.38	14.37	6.46	ppb
Barium	135-1	407.03	403.98	402.60	404.54	0.56	ppb
Barium	137-1	406.53	400.29	401.02	402.61	0.85	ppb
Beryllium	9-1	4.36	4.41	4.63	4.46	3.16	ppb
Bismuth	209-1				92		%
Bismuth	209-2				83		%
Boron	10-1	9.00	9.64	10.57	9.74	8.14	ppb
Boron	11-1	10.04	9.59	10.44	10.02	4.29	ppb
Cadmium	111-1	0.64	0.57	0.48	0.56	14.23	ppb
Cadmium	106-1	11.28	10.48	7.25	9.67	22.11	ppb
Cadmium	108-1	7.21	6.51	5.72	6.48	11.54	ppb
Calcium	43-1	5577.88	5497.95	5489.73	5521.85	0.88	ppb
Calcium	44-1	5566.28	5532.72	5522.86	5540.62	0.41	ppb
Chromium	52-2	197.30	207.44	190.77	198.50	4.23	ppb
Cobalt	59-2	59.59	62.60	57.77	59.99	4.07	ppb
Copper	63-2	112.65	120.86	108.59	114.03	5.48	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				96		%
Holmium	165-2				91		%
Indium	115-1				88		%
Indium	115-2				81		%
Iron	56-2	183221.30	194083.64	175424.52	184243.15	5.09	ppb
Iron	57-2	180895.52	191971.86	174806.73	182558.04	4.77	ppb
Krypton	83-1						cps
Lead	206-1	106.46	104.60	104.57	105.21	1.03	ppb
Lead	207-1	95.04	95.49	93.85	94.80	0.89	ppb
Lead	208-1	100.39	99.78	99.32	99.83	0.54	ppb
Lithium	6-1				83		%
Magnesium	24-2	32622.60	34546.03	31365.48	32844.70	4.88	ppb

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3076-02	Instrumnet Name :	P7
Client Sample ID :	FESB-08(6.5-7)	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 17:38:19	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1330.45	1406.99	1282.75	1340.06	4.68	ppb
Molybdenum	94-1	82.22	82.58	82.10	82.30	0.30	ppb
Molybdenum	95-1	2.24	2.42	2.34	2.34	3.87	ppb
Molybdenum	96-1	13.09	12.86	12.81	12.92	1.14	ppb
Molybdenum	97-1	2.15	2.34	2.14	2.21	5.03	ppb
Molybdenum	98-1	2.29	2.31	2.26	2.29	1.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	150.87	161.48	147.23	153.19	4.83	ppb
Phosphorus	31-2	1416.95	1566.58	1450.15	1477.89	5.32	ppb
Potassium	39-2	6660.48	7012.20	6459.85	6710.85	4.17	ppb
Rhodium	103-1				84		%
Rhodium	103-2				77		%
Scandium	45-1				90		%
Scandium	45-2				82		%
Selenium	77-2	48.37	48.64	40.64	45.88	9.90	ppb
Selenium	78-2	9.84	10.65	7.59	9.36	16.95	ppb
Selenium	82-1	1.59	1.62	1.13	1.45	19.05	ppb
Silicon	28-1	2995.02	2970.36	2978.46	2981.28	0.42	ppb
Silver	109-1	0.11	0.11	0.11	0.11	1.76	ppb
Silver	107-1	0.18	0.15	0.17	0.17	8.27	ppb
Sodium	23-2	462.51	487.87	449.30	466.56	4.20	ppb
Strontium	86-1	36.29	36.32	35.87	36.16	0.69	ppb
Strontium	88-1	36.20	36.56	35.72	36.16	1.17	ppb
Sulfur	34-1	-1425.29	-1478.27	-1513.38	-1472.31		ppb
Terbium	159-1				95		%
Terbium	159-2				89		%
Thallium	203-1	0.86	0.89	0.85	0.87	2.14	ppb
Thallium	205-1	0.87	0.89	0.87	0.88	0.91	ppb
Thorium	232-1	45.41	45.38	44.91	45.23	0.62	ppb
Tin	118-1	0.89	0.89	0.89	0.89	0.34	ppb
Titanium	47-1	400.66	395.25	394.38	396.76	0.86	ppb
Uranium	238-1	5.74	5.71	5.68	5.71	0.50	ppb
Vanadium	51-2	183.65	193.83	176.56	184.68	4.70	ppb
Yttrium	89-1				111		%
Yttrium	89-2				104		%

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3076-02	Instrumnet Name :	P7
Client Sample ID :	FESB-08(6.5-7)	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 17:38:19	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	362.69	386.95	350.79	366.81	5.02	ppb
Zirconium	90-1	50.45	50.30	50.25	50.33	0.21	ppb
Zirconium	91-1	52.04	52.06	51.57	51.89	0.53	ppb

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3136-01	Instrumnet Name :	P7
Client Sample ID :	FESB-24(6.5-7)	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 17:41:57	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	88706.10	87770.44	88268.12	88248.22	0.53	ppb
Antimony	121-1	0.10	0.11	0.08	0.09	16.93	ppb
Arsenic	75-2	21.91	21.79	21.65	21.78	0.61	ppb
Barium	135-1	579.90	631.98	591.35	601.08	4.55	ppb
Barium	137-1	578.10	628.73	590.83	599.22	4.39	ppb
Beryllium	9-1	5.00	5.09	4.92	5.00	1.70	ppb
Bismuth	209-1				88		%
Bismuth	209-2				87		%
Boron	10-1	105.79	118.63	120.58	115.00	6.99	ppb
Boron	11-1	112.76	126.23	119.52	119.50	5.64	ppb
Cadmium	111-1	3.57	3.92	3.72	3.74	4.70	ppb
Cadmium	106-1	13.43	13.95	14.29	13.89	3.13	ppb
Cadmium	108-1	9.85	9.91	10.08	9.95	1.21	ppb
Calcium	43-1	47530.06	51517.55	48458.44	49168.68	4.24	ppb
Calcium	44-1	48223.18	52192.16	48970.08	49795.14	4.24	ppb
Chromium	52-2	152.26	152.63	152.73	152.54	0.16	ppb
Cobalt	59-2	86.18	86.64	85.76	86.19	0.51	ppb
Copper	63-2	327.12	327.97	326.81	327.30	0.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				96		%
Indium	115-1				84		%
Indium	115-2				86		%
Iron	56-2	156926.03	156978.83	155494.46	156466.44	0.54	ppb
Iron	57-2	156333.10	155222.01	154282.98	155279.36	0.66	ppb
Krypton	83-1						cps
Lead	206-1	608.35	663.09	614.23	628.56	4.78	ppb
Lead	207-1	557.31	604.42	559.16	573.63	4.65	ppb
Lead	208-1	586.06	638.02	593.41	605.83	4.64	ppb
Lithium	6-1				80		%
Magnesium	24-2	47327.86	47183.10	46945.92	47152.29	0.41	ppb

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3136-01	Instrumnet Name :	P7
Client Sample ID :	FESB-24(6.5-7)	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 17:41:57	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	3844.89	3830.76	3810.51	3828.72	0.45	ppb
Molybdenum	94-1	91.79	97.76	91.94	93.83	3.63	ppb
Molybdenum	95-1	3.50	3.68	3.46	3.54	3.30	ppb
Molybdenum	96-1	14.71	16.14	15.00	15.28	4.97	ppb
Molybdenum	97-1	3.29	3.61	3.24	3.38	5.86	ppb
Molybdenum	98-1	3.32	3.68	3.43	3.48	5.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	176.83	177.93	177.75	177.50	0.33	ppb
Phosphorus	31-2	2244.76	2300.05	2270.27	2271.69	1.22	ppb
Potassium	39-2	8160.50	8161.57	8156.66	8159.58	0.03	ppb
Rhodium	103-1				79		%
Rhodium	103-2				83		%
Scandium	45-1				83		%
Scandium	45-2				87		%
Selenium	77-2	43.70	39.33	42.37	41.80	5.37	ppb
Selenium	78-2	8.10	8.89	8.90	8.63	5.28	ppb
Selenium	82-1	2.07	2.41	1.37	1.95	27.35	ppb
Silicon	28-1	1494.81	1614.63	1519.62	1543.02	4.10	ppb
Silver	109-1	0.81	0.90	0.83	0.85	5.57	ppb
Silver	107-1	0.86	0.90	0.88	0.88	2.27	ppb
Sodium	23-2	3152.71	3147.09	3145.54	3148.44	0.12	ppb
Strontium	86-1	151.91	162.38	155.55	156.61	3.40	ppb
Strontium	88-1	149.81	160.20	153.45	154.48	3.41	ppb
Sulfur	34-1	159.18	551.87	244.57	318.54	64.84	ppb
Terbium	159-1				91		%
Terbium	159-2				95		%
Thallium	203-1	0.95	1.01	0.91	0.96	5.04	ppb
Thallium	205-1	0.92	1.03	0.91	0.95	6.93	ppb
Thorium	232-1	31.81	34.72	32.15	32.89	4.83	ppb
Tin	118-1	3.11	3.36	3.10	3.19	4.56	ppb
Titanium	47-1	935.84	1019.06	950.46	968.45	4.59	ppb
Uranium	238-1	5.15	5.58	5.15	5.29	4.72	ppb
Vanadium	51-2	208.03	205.68	206.68	206.80	0.57	ppb
Yttrium	89-1				104		%
Yttrium	89-2				108		%

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3136-01	Instrumnet Name :	P7
Client Sample ID :	FESB-24(6.5-7)	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 17:41:57	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	670.52	671.04	666.59	669.38	0.36	ppb
Zirconium	90-1	55.82	59.72	56.19	57.24	3.76	ppb
Zirconium	91-1	56.32	60.59	57.46	58.12	3.80	ppb

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3028-01DLREX3	Instrumnet Name :	P7
Client Sample ID :	MH0BB4DL	Dilution Factor :	3
Date & Time Acquired ::	2019-06-03 17:49:07	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33759.37	33384.48	33199.94	33447.93	0.85	ppb
Antimony	121-1	10.18	9.67	10.42	10.09	3.80	ppb
Arsenic	75-2	91.74	90.69	89.09	90.50	1.47	ppb
Barium	135-1	450.81	420.16	446.06	439.01	3.76	ppb
Barium	137-1	446.95	417.23	445.01	436.40	3.81	ppb
Beryllium	9-1	3.87	3.57	3.83	3.76	4.41	ppb
Bismuth	209-1				86		%
Bismuth	209-2				77		%
Boron	10-1	281.48	272.46	280.61	278.18	1.79	ppb
Boron	11-1	286.57	283.88	292.94	287.80	1.62	ppb
Cadmium	111-1	23.22	21.59	23.34	22.71	4.31	ppb
Cadmium	106-1	21.86	20.24	20.25	20.78	4.49	ppb
Cadmium	108-1	24.48	22.12	24.39	23.66	5.66	ppb
Calcium	43-1	692411.81	658811.91	688013.16	679745.63	2.69	ppb
Calcium	44-1	694223.22	658917.44	689562.10	680900.92	2.82	ppb
Chromium	52-2	111.97	110.16	108.96	110.37	1.37	ppb
Cobalt	59-2	42.02	41.90	41.86	41.93	0.21	ppb
Copper	63-2	483.22	481.25	476.29	480.25	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				92		%
Holmium	165-2				86		%
Indium	115-1				81		%
Indium	115-2				75		%
Iron	56-2	122298.44	120662.57	119427.28	120796.10	1.19	ppb
Iron	57-2	121610.02	120267.83	119232.55	120370.13	0.99	ppb
Krypton	83-1						cps
Lead	206-1	1120.03	1070.26	1109.24	1099.84	2.38	ppb
Lead	207-1	1089.04	1028.73	1071.70	1063.16	2.92	ppb
Lead	208-1	1102.46	1046.50	1090.61	1079.86	2.73	ppb
Lithium	6-1				71		%
Magnesium	24-2	59647.38	58729.33	58184.17	58853.63	1.26	ppb

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3028-01DLREX3	Instrumnet Name :	P7
Client Sample ID :	MH0BB4DL	Dilution Factor :	3
Date & Time Acquired ::	2019-06-03 17:49:07	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	3996.05	3950.99	3911.52	3952.85	1.07	ppb
Molybdenum	94-1	56.10	53.57	56.28	55.31	2.74	ppb
Molybdenum	95-1	42.00	39.87	40.83	40.90	2.62	ppb
Molybdenum	96-1	44.16	42.03	43.86	43.35	2.66	ppb
Molybdenum	97-1	41.30	39.14	40.52	40.32	2.70	ppb
Molybdenum	98-1	42.27	40.08	41.44	41.26	2.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	196.63	196.56	191.92	195.03	1.38	ppb
Phosphorus	31-2	4067.12	3869.80	3743.30	3893.41	4.19	ppb
Potassium	39-2	11549.43	11456.13	11365.51	11457.02	0.80	ppb
Rhodium	103-1				72		%
Rhodium	103-2				69		%
Scandium	45-1				76		%
Scandium	45-2				70		%
Selenium	77-2	47.27	59.25	52.85	53.12	11.28	ppb
Selenium	78-2	30.89	29.29	30.35	30.18	2.70	ppb
Selenium	82-1	25.82	23.83	25.54	25.06	4.30	ppb
Silicon	28-1	14447.05	13584.42	14275.71	14102.39	3.24	ppb
Silver	109-1	4.11	3.77	3.99	3.96	4.34	ppb
Silver	107-1	3.97	3.76	4.02	3.92	3.63	ppb
Sodium	23-2	31851.38	31609.49	31028.41	31496.43	1.34	ppb
Strontium	86-1	4327.03	4144.44	4306.82	4259.43	2.35	ppb
Strontium	88-1	4281.40	4075.78	4239.06	4198.75	2.59	ppb
Sulfur	34-1	193043.18	182148.70	191203.05	188798.31	3.09	ppb
Terbium	159-1				90		%
Terbium	159-2				83		%
Thallium	203-1	3.11	3.09	3.00	3.07	2.04	ppb
Thallium	205-1	3.21	3.04	3.13	3.12	2.79	ppb
Thorium	232-1	17.28	16.29	17.06	16.88	3.07	ppb
Tin	118-1	18.67	17.21	18.61	18.16	4.55	ppb
Titanium	47-1	666.44	627.08	657.57	650.36	3.17	ppb
Uranium	238-1	36.75	34.93	36.34	36.01	2.66	ppb
Vanadium	51-2	244.41	241.76	239.44	241.87	1.03	ppb
Yttrium	89-1				97		%
Yttrium	89-2				91		%

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3028-01DLREX3	Instrumnet Name :	P7
Client Sample ID :	MH0BB4DL	Dilution Factor :	3
Date & Time Acquired ::	2019-06-03 17:49:07	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	3391.42	3369.44	3318.28	3359.71	1.12	ppb
Zirconium	90-1	17.42	16.63	17.04	17.03	2.30	ppb
Zirconium	91-1	18.12	16.65	17.44	17.40	4.24	ppb

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3066-01A	Instrumnet Name :	P7
Client Sample ID :	FESB-27(3.5-4)A	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 17:52:48	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48256.44	49692.30	49522.26	49157.00	1.60	ppb
Antimony	121-1	435.11	438.74	437.56	437.13	0.42	ppb
Arsenic	75-2	404.44	412.97	407.38	408.27	1.06	ppb
Barium	135-1	2540.77	2612.69	2544.32	2565.93	1.58	ppb
Barium	137-1	2600.25	2598.16	2623.65	2607.35	0.54	ppb
Beryllium	9-1	471.32	470.07	470.44	470.61	0.14	ppb
Bismuth	209-1				93		%
Bismuth	209-2				88		%
Boron	10-1	471.69	471.37	478.88	473.98	0.90	ppb
Boron	11-1	466.48	480.33	492.62	479.81	2.73	ppb
Cadmium	111-1	423.27	417.31	422.29	420.96	0.76	ppb
Cadmium	106-1	428.07	424.92	429.80	427.60	0.58	ppb
Cadmium	108-1	427.79	430.41	427.41	428.53	0.38	ppb
Calcium	43-1	52296.60	52281.35	52397.26	52325.07	0.12	ppb
Calcium	44-1	53004.96	52991.14	53034.80	53010.30	0.04	ppb
Chromium	52-2	558.65	577.89	569.06	568.53	1.69	ppb
Cobalt	59-2	505.27	517.84	512.03	511.71	1.23	ppb
Copper	63-2	929.38	968.27	945.85	947.84	2.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				97		%
Indium	115-1				86		%
Indium	115-2				85		%
Iron	56-2	117399.59	120736.44	119015.81	119050.61	1.40	ppb
Iron	57-2	114383.47	117915.66	116839.54	116379.55	1.56	ppb
Krypton	83-1						cps
Lead	206-1	482.22	483.57	480.52	482.10	0.32	ppb
Lead	207-1	463.70	462.20	462.25	462.72	0.18	ppb
Lead	208-1	480.99	480.29	479.82	480.37	0.12	ppb
Lithium	6-1				76		%
Magnesium	24-2	66920.79	69202.92	68288.98	68137.56	1.69	ppb

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3066-01A	Instrumnet Name :	P7
Client Sample ID :	FESB-27(3.5-4)A	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 17:52:48	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1690.80	1754.27	1723.31	1722.79	1.84	ppb
Molybdenum	94-1	2182.73	2202.15	2165.35	2183.41	0.84	ppb
Molybdenum	95-1	2210.76	2217.89	2197.48	2208.71	0.47	ppb
Molybdenum	96-1	2218.10	2210.14	2205.35	2211.20	0.29	ppb
Molybdenum	97-1	2203.30	2207.55	2201.96	2204.27	0.13	ppb
Molybdenum	98-1	2209.40	2208.97	2194.61	2204.33	0.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	550.95	568.08	555.32	558.12	1.59	ppb
Phosphorus	31-2	1945.20	2085.88	1865.58	1965.55	5.68	ppb
Potassium	39-2	26990.83	27760.82	27388.14	27379.93	1.41	ppb
Rhodium	103-1				81		%
Rhodium	103-2				82		%
Scandium	45-1				81		%
Scandium	45-2				82		%
Selenium	77-2	438.52	470.94	442.30	450.59	3.93	ppb
Selenium	78-2	400.51	411.18	402.40	404.70	1.41	ppb
Selenium	82-1	386.13	388.07	388.41	387.53	0.32	ppb
Silicon	28-1	7771.08	7802.43	7772.62	7782.04	0.23	ppb
Silver	109-1	410.09	409.60	411.26	410.32	0.21	ppb
Silver	107-1	405.45	407.46	407.29	406.73	0.27	ppb
Sodium	23-2	43321.84	44634.03	44198.38	44051.42	1.52	ppb
Strontium	86-1	414.19	417.96	412.27	414.81	0.70	ppb
Strontium	88-1	417.55	421.47	417.39	418.81	0.55	ppb
Sulfur	34-1	-1069.66	-1002.12	-1030.94	-1034.24		ppb
Terbium	159-1				96		%
Terbium	159-2				96		%
Thallium	203-1	441.57	443.14	441.26	441.99	0.23	ppb
Thallium	205-1	453.98	456.66	454.22	454.95	0.33	ppb
Thorium	232-1	21.89	22.10	22.12	22.04	0.58	ppb
Tin	118-1	465.39	465.49	464.47	465.12	0.12	ppb
Titanium	47-1	2821.99	2809.79	2836.19	2822.66	0.47	ppb
Uranium	238-1	436.44	443.78	439.06	439.76	0.85	ppb
Vanadium	51-2	517.42	536.33	527.22	526.99	1.79	ppb
Yttrium	89-1				99		%
Yttrium	89-2				99		%

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3066-01A	Instrumnet Name :	P7
Client Sample ID :	FESB-27(3.5-4)A	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 17:52:48	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1149.31	1200.28	1177.78	1175.79	2.17	ppb
Zirconium	90-1	420.59	422.87	422.32	421.92	0.28	ppb
Zirconium	91-1	418.56	420.25	414.55	417.79	0.70	ppb

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3028-01DLX3	Instrumnet Name :	P7
Client Sample ID :	MH0BB4DL	Dilution Factor :	3
Date & Time Acquired ::	2019-06-03 17:57:31	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6797.26	6895.07	7022.09	6904.81	1.63	ppb
Antimony	121-1	2.29	2.37	2.47	2.38	3.93	ppb
Arsenic	75-2	21.23	20.90	21.16	21.10	0.83	ppb
Barium	135-1	89.83	89.16	95.37	91.45	3.73	ppb
Barium	137-1	90.48	90.13	94.39	91.67	2.58	ppb
Beryllium	9-1	0.99	0.85	1.02	0.95	9.81	ppb
Bismuth	209-1				89		%
Bismuth	209-2				86		%
Boron	10-1	75.06	75.63	80.53	77.07	3.90	ppb
Boron	11-1	78.31	79.56	82.64	80.17	2.78	ppb
Cadmium	111-1	5.11	4.94	5.12	5.06	2.02	ppb
Cadmium	106-1	1.75	1.31	2.75	1.94	38.23	ppb
Cadmium	108-1	5.73	5.24	5.51	5.49	4.43	ppb
Calcium	43-1	142807.59	142676.69	150670.50	145384.92	3.15	ppb
Calcium	44-1	145165.14	145400.78	154449.10	148338.34	3.57	ppb
Chromium	52-2	23.01	22.61	22.88	22.83	0.90	ppb
Cobalt	59-2	8.76	8.77	8.73	8.75	0.24	ppb
Copper	63-2	102.41	103.32	105.24	103.66	1.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				91		%
Holmium	165-2				92		%
Indium	115-1				84		%
Indium	115-2				83		%
Iron	56-2	24871.20	24962.36	25390.78	25074.78	1.11	ppb
Iron	57-2	24436.90	24606.72	25046.94	24696.85	1.27	ppb
Krypton	83-1						cps
Lead	206-1	216.51	213.47	225.95	218.64	2.98	ppb
Lead	207-1	205.65	204.11	215.50	208.42	2.97	ppb
Lead	208-1	209.29	207.61	219.80	212.23	3.11	ppb
Lithium	6-1				70		%
Magnesium	24-2	11683.73	11629.19	11917.86	11743.59	1.31	ppb

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3028-01DLX3	Instrumnet Name :	P7
Client Sample ID :	MH0BB4DL	Dilution Factor :	3
Date & Time Acquired ::	2019-06-03 17:57:31	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	806.73	809.95	826.38	814.35	1.29	ppb
Molybdenum	94-1	12.97	13.51	14.10	13.53	4.18	ppb
Molybdenum	95-1	10.21	9.99	10.64	10.28	3.21	ppb
Molybdenum	96-1	10.54	10.80	11.20	10.84	3.04	ppb
Molybdenum	97-1	10.19	9.99	10.91	10.36	4.66	ppb
Molybdenum	98-1	9.92	9.91	10.76	10.20	4.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	40.77	40.83	41.93	41.18	1.58	ppb
Phosphorus	31-2	778.72	739.93	810.32	776.32	4.54	ppb
Potassium	39-2	2280.48	2303.76	2340.31	2308.18	1.31	ppb
Rhodium	103-1				78		%
Rhodium	103-2				79		%
Scandium	45-1				73		%
Scandium	45-2				74		%
Selenium	77-2	14.16	9.55	10.31	11.34	21.78	ppb
Selenium	78-2	7.42	6.64	6.98	7.01	5.54	ppb
Selenium	82-1	6.44	5.73	6.82	6.33	8.78	ppb
Silicon	28-1	3032.59	3024.39	3224.78	3093.92	3.67	ppb
Silver	109-1	0.93	0.94	0.97	0.94	2.08	ppb
Silver	107-1	0.87	0.87	1.01	0.91	8.61	ppb
Sodium	23-2	6083.28	6155.64	6206.80	6148.57	1.01	ppb
Strontium	86-1	983.51	979.96	1035.14	999.54	3.09	ppb
Strontium	88-1	999.36	999.31	1055.82	1018.16	3.20	ppb
Sulfur	34-1	41159.15	40867.92	43486.38	41837.81	3.43	ppb
Terbium	159-1				90		%
Terbium	159-2				91		%
Thallium	203-1	0.72	0.69	0.73	0.71	2.61	ppb
Thallium	205-1	0.70	0.67	0.74	0.71	5.06	ppb
Thorium	232-1	3.25	3.26	3.45	3.32	3.46	ppb
Tin	118-1	3.89	3.85	4.13	3.96	3.85	ppb
Titanium	47-1	142.50	140.88	148.78	144.05	2.90	ppb
Uranium	238-1	6.84	6.84	7.31	6.99	3.87	ppb
Vanadium	51-2	48.30	48.97	49.39	48.89	1.12	ppb
Yttrium	89-1				84		%
Yttrium	89-2				84		%

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3028-01DLX3	Instrumnet Name :	P7
Client Sample ID :	MH0BB4DL	Dilution Factor :	3
Date & Time Acquired ::	2019-06-03 17:57:31	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	762.33	770.23	793.76	775.44	2.11	ppb
Zirconium	90-1	3.99	3.94	4.18	4.04	3.20	ppb
Zirconium	91-1	3.91	3.86	4.49	4.09	8.55	ppb

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	CCV46	Instrumnet Name :	P7
Client Sample ID :	CCV46	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 18:04:56	DataFile Name :	058CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52152.36	52475.74	51962.37	52196.82	0.50	ppb
Antimony	121-1	514.55	509.90	519.37	514.61	0.92	ppb
Arsenic	75-2	504.08	509.86	514.52	509.49	1.03	ppb
Barium	135-1	2360.44	2342.42	2385.63	2362.83	0.92	ppb
Barium	137-1	2424.16	2426.39	2443.66	2431.40	0.44	ppb
Beryllium	9-1	489.59	493.40	490.50	491.16	0.40	ppb
Bismuth	209-1				81		%
Bismuth	209-2				76		%
Boron	10-1	458.80	470.92	485.92	471.88	2.88	ppb
Boron	11-1	465.69	474.57	482.46	474.24	1.77	ppb
Cadmium	111-1	479.74	474.77	484.30	479.60	0.99	ppb
Cadmium	106-1	471.56	479.08	491.69	480.78	2.12	ppb
Cadmium	108-1	480.16	480.37	485.70	482.08	0.65	ppb
Calcium	43-1	248960.49	249929.61	249184.60	249358.23	0.20	ppb
Calcium	44-1	250857.39	249427.56	254747.57	251677.50	1.09	ppb
Chromium	52-2	498.61	499.19	496.07	497.96	0.33	ppb
Cobalt	59-2	497.76	499.06	493.41	496.74	0.60	ppb
Copper	63-2	1028.04	1031.86	1019.20	1026.37	0.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				89		%
Holmium	165-2				88		%
Indium	115-1				78		%
Indium	115-2				76		%
Iron	56-2	133051.00	133536.39	132166.50	132917.96	0.52	ppb
Iron	57-2	130031.17	130589.84	129891.29	130170.77	0.28	ppb
Krypton	83-1						cps
Lead	206-1	474.67	479.22	482.74	478.88	0.85	ppb
Lead	207-1	476.59	476.02	478.17	476.93	0.23	ppb
Lead	208-1	483.48	484.43	489.25	485.72	0.64	ppb
Lithium	6-1				70		%
Magnesium	24-2	246674.77	249003.71	247970.55	247883.01	0.47	ppb

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	CCV46	Instrumnet Name :	P7
Client Sample ID :	CCV46	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 18:04:56	DataFile Name :	058CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	990.94	993.15	989.74	991.28	0.17	ppb
Molybdenum	94-1	2420.38	2432.59	2480.47	2444.48	1.30	ppb
Molybdenum	95-1	2438.00	2439.21	2467.07	2448.10	0.67	ppb
Molybdenum	96-1	2429.12	2447.48	2477.10	2451.23	0.99	ppb
Molybdenum	97-1	2334.81	2352.35	2371.89	2353.02	0.79	ppb
Molybdenum	98-1	2434.49	2438.88	2466.78	2446.72	0.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	485.39	486.90	485.85	486.05	0.16	ppb
Phosphorus	31-2	9501.63	9412.50	9439.20	9451.11	0.48	ppb
Potassium	39-2	127247.91	127672.65	127145.38	127355.31	0.22	ppb
Rhodium	103-1				69		%
Rhodium	103-2				71		%
Scandium	45-1				72		%
Scandium	45-2				73		%
Selenium	77-2	496.74	499.73	469.60	488.69	3.40	ppb
Selenium	78-2	483.46	504.84	483.38	490.56	2.52	ppb
Selenium	82-1	467.53	467.83	477.69	471.02	1.23	ppb
Silicon	28-1	513.50	516.16	530.28	519.98	1.73	ppb
Silver	109-1	482.83	477.50	486.06	482.13	0.90	ppb
Silver	107-1	481.32	478.80	487.40	482.51	0.92	ppb
Sodium	23-2	244307.98	245631.35	244358.72	244766.02	0.31	ppb
Strontium	86-1	472.86	474.15	481.75	476.25	1.01	ppb
Strontium	88-1	478.38	484.04	485.02	482.48	0.74	ppb
Sulfur	34-1	9031.14	9024.66	9201.63	9085.81	1.10	ppb
Terbium	159-1				87		%
Terbium	159-2				85		%
Thallium	203-1	477.65	481.64	488.94	482.74	1.19	ppb
Thallium	205-1	492.16	499.67	500.05	497.29	0.90	ppb
Thorium	232-1	490.41	498.51	500.97	496.63	1.11	ppb
Tin	118-1	462.46	460.78	469.94	464.39	1.05	ppb
Titanium	47-1	2436.51	2419.08	2473.82	2443.14	1.14	ppb
Uranium	238-1	489.92	492.34	495.17	492.47	0.53	ppb
Vanadium	51-2	501.52	503.52	497.00	500.68	0.67	ppb
Yttrium	89-1				78		%
Yttrium	89-2				78		%

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	CCV46	Instrumnet Name :	P7
Client Sample ID :	CCV46	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 18:04:56	DataFile Name :	058CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1011.71	1018.42	1002.81	1010.98	0.77	ppb
Zirconium	90-1	488.64	487.52	495.59	490.58	0.89	ppb
Zirconium	91-1	477.99	480.77	488.54	482.43	1.13	ppb

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	CCB46	Instrumnet Name :	P7
Client Sample ID :	CCB46	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 18:14:03	DataFile Name :	059CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.27	9.54	10.10	8.64	23.96	ppb
Antimony	121-1	0.16	0.20	0.18	0.18	9.08	ppb
Arsenic	75-2	0.04	0.04	0.00	0.03	101.47	ppb
Barium	135-1	0.05	0.04	0.08	0.06	33.33	ppb
Barium	137-1	0.05	0.06	0.06	0.06	6.76	ppb
Beryllium	9-1	0.09	0.11	0.07	0.09	20.18	ppb
Bismuth	209-1				95		%
Bismuth	209-2				91		%
Boron	10-1	9.65	8.51	8.18	8.78	8.79	ppb
Boron	11-1	8.65	8.13	7.64	8.14	6.21	ppb
Cadmium	111-1	-0.23	-0.10	-0.12	-0.15		ppb
Cadmium	106-1	-4.50	-2.36	-2.65	-3.17		ppb
Cadmium	108-1	0.04	-0.03	0.00	0.00	870.19	ppb
Calcium	43-1	5.79	7.52	6.23	6.51	13.80	ppb
Calcium	44-1	6.62	6.42	5.72	6.25	7.50	ppb
Chromium	52-2	-0.04	0.04	0.08	0.03	221.63	ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00		ppb
Copper	63-2	0.10	0.10	0.14	0.11	21.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				97		%
Indium	115-1				93		%
Indium	115-2				92		%
Iron	56-2	3.55	4.39	4.47	4.14	12.30	ppb
Iron	57-2	4.43	3.75	4.67	4.28	11.17	ppb
Krypton	83-1						cps
Lead	206-1	0.05	0.05	0.06	0.05	9.82	ppb
Lead	207-1	0.04	0.05	0.05	0.05	5.02	ppb
Lead	208-1	0.05	0.05	0.05	0.05	3.97	ppb
Lithium	6-1				82		%
Magnesium	24-2	4.17	3.29	4.59	4.02	16.45	ppb

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	CCB46	Instrumnet Name :	P7
Client Sample ID :	CCB46	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 18:14:03	DataFile Name :	059CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.04	0.04	0.03	0.04	14.88	ppb
Molybdenum	94-1	0.17	0.17	0.15	0.16	8.56	ppb
Molybdenum	95-1	0.21	0.17	0.17	0.18	13.62	ppb
Molybdenum	96-1	0.18	0.20	0.14	0.18	17.21	ppb
Molybdenum	97-1	0.22	0.17	0.24	0.21	15.80	ppb
Molybdenum	98-1	0.19	0.17	0.15	0.17	12.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.02	-0.03	-0.02		ppb
Phosphorus	31-2	-30.68	-18.91	-33.22	-27.60		ppb
Potassium	39-2	-3.52	-0.32	3.19	-0.22		ppb
Rhodium	103-1				91		%
Rhodium	103-2				91		%
Scandium	45-1				85		%
Scandium	45-2				86		%
Selenium	77-2	0.00	0.57	0.00	0.19	173.21	ppb
Selenium	78-2	-0.71	0.62	0.12	0.01	7286.96	ppb
Selenium	82-1	-0.01	0.69	0.81	0.50	89.01	ppb
Silicon	28-1	-0.45	0.52	-1.37	-0.44		ppb
Silver	109-1	0.05	0.05	0.05	0.05	3.51	ppb
Silver	107-1	0.04	0.04	0.05	0.04	19.92	ppb
Sodium	23-2	6.27	8.05	8.53	7.62	15.68	ppb
Strontium	86-1	0.02	-0.01	0.00	0.00	707.61	ppb
Strontium	88-1	0.02	0.02	0.02	0.02	9.95	ppb
Sulfur	34-1	-689.48	-644.27	-614.17	-649.31		ppb
Terbium	159-1				94		%
Terbium	159-2				96		%
Thallium	203-1	0.05	0.05	0.06	0.06	10.58	ppb
Thallium	205-1	0.05	0.06	0.04	0.05	12.16	ppb
Thorium	232-1	0.03	0.02	0.02	0.02	7.88	ppb
Tin	118-1	-0.02	-0.01	0.01	-0.01		ppb
Titanium	47-1	0.06	0.10	0.09	0.08	28.90	ppb
Uranium	238-1	0.01	0.00	0.01	0.01	46.87	ppb
Vanadium	51-2	0.01	0.01	0.02	0.01	53.53	ppb
Yttrium	89-1				90		%
Yttrium	89-2				90		%

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	CCB46	Instrumnet Name :	P7
Client Sample ID :	CCB46	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 18:14:03	DataFile Name :	059CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.04	0.42	0.16	0.21	95.44	ppb
Zirconium	90-1	0.03	0.01	0.03	0.02	38.33	ppb
Zirconium	91-1	0.03	0.03	0.04	0.03	19.46	ppb

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 12:58:12	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	8	8	25	115.49	cps
Antimony	121-1	25	17	17	19	24.73	cps
Arsenic	75-2	6	2	2	3	69.39	cps
Barium	135-1	25	8	42	25	66.68	cps
Barium	137-1	58	42	25	42	40.00	cps
Beryllium	9-1	40	27	43	37	24.04	cps
Bismuth	209-1	7118057	7059929	7079032	7085672	0.42	cps
Bismuth	209-2	4443211	4441184	4494397	4459598	0.68	cps
Boron	10-1	175	158	142	158	10.53	cps
Boron	11-1	642	517	717	625	16.17	cps
Cadmium	111-1	1474	1336	1361	1390	5.27	cps
Cadmium	106-1	2950	2667	2725	2781	5.38	cps
Cadmium	108-1	8	8	8	8	0.00	cps
Calcium	43-1	100	92	125	106	16.44	cps
Calcium	44-1	6394	6293	6352	6346	0.79	cps
Chromium	52-2	583	633	530	582	8.88	cps
Cobalt	59-2	70	47	73	63	22.94	cps
Copper	63-2	380	447	360	396	11.47	cps
Dysprosium	156-1	33	0	0	11	173.21	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	8	42	33	28	62.46	cps
Erbium	164-2	13	17	10	13	25.01	cps
Gadolinium	160-1	42	8	42	31	62.99	cps
Gadolinium	160-2	117	163	140	140	16.67	cps
Holmium	165-1	10538121	10405736	10384722	10442860	0.80	cps
Holmium	165-2	5837398	5862804	5893178	5864460	0.48	cps
Indium	115-1	7145191	7139117	7092634	7125647	0.40	cps
Indium	115-2	1587770	1594056	1610878	1597568	0.75	cps
Iron	56-2	2567	2600	2595	2587	0.69	cps
Iron	57-2	100	117	133	117	14.29	cps
Krypton	83-1	197	217	217	210	5.50	cps
Lead	206-1	200	150	167	172	14.78	cps
Lead	207-1	156	161	128	148	12.06	cps
Lead	208-1	728	644	639	670	7.43	cps
Lithium	6-1	2667529	2665072	2644711	2659104	0.47	cps
Magnesium	24-2	292	250	258	267	8.27	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 12:58:12	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	33	37	63	44	36.99	cps
Molybdenum	94-1	275	217	275	256	13.18	cps
Molybdenum	95-1	42	25	25	31	31.50	cps
Molybdenum	96-1	67	92	75	78	16.37	cps
Molybdenum	97-1	17	17	50	28	69.27	cps
Molybdenum	98-1	58	67	42	56	22.91	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	67	97	107	90	23.13	cps
Phosphorus	31-2	100	142	92	111	24.11	cps
Potassium	39-2	10396	10304	11105	10601	4.13	cps
Rhodium	103-1	6484139	6450992	6393258	6442797	0.71	cps
Rhodium	103-2	3162122	3163328	3185489	3170313	0.41	cps
Scandium	45-1	4817781	4806107	4795592	4806493	0.23	cps
Scandium	45-2	217269	216284	220255	217936	0.95	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	35	56	37	43	26.44	cps
Selenium	82-1	363	382	293	346	13.50	cps
Silicon	28-1	124255	121424	122751	122810	1.15	cps
Silver	109-1	75	33	42	50	44.10	cps
Silver	107-1	117	92	83	97	17.84	cps
Sodium	23-2	6844	7452	7202	7166	4.27	cps
Strontium	86-1	283	358	267	303	16.13	cps
Strontium	88-1	108	75	58	81	31.60	cps
Sulfur	34-1	191194	188215	186604	188671	1.23	cps
Terbium	159-1	10796490	10740867	10619874	10719077	0.84	cps
Terbium	159-2	5710809	5727073	5730348	5722743	0.18	cps
Thallium	203-1	67	75	67	69	6.93	cps
Thallium	205-1	150	158	192	167	13.23	cps
Thorium	232-1	111	72	72	85	26.35	cps
Tin	118-1	767	600	750	706	13.01	cps
Titanium	47-1	75	58	92	75	22.22	cps
Uranium	238-1	67	33	92	64	45.81	cps
Vanadium	51-2	0	3	3	2	86.60	cps
Yttrium	89-1	7712809	7670193	7615169	7666057	0.64	cps
Yttrium	89-2	1212054	1213671	1229849	1218525	0.81	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 12:58:12	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	240	273	237	250	8.11	cps
Zirconium	90-1	500	667	617	594	14.39	cps
Zirconium	91-1	142	108	75	108	30.77	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 13:06:20	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1734	1458	1684	1625	9.02	cps
Antimony	121-1	13691	13173	13340	13401	1.97	cps
Arsenic	75-2	233	241	207	227	7.71	cps
Barium	135-1	19573	19080	20224	19626	2.92	cps
Barium	137-1	34335	34561	34720	34539	0.56	cps
Beryllium	9-1	1847	1777	1837	1820	2.08	cps
Bismuth	209-1	6992861	7038523	6998003	7009796	0.36	cps
Bismuth	209-2	4485250	4557042	4513758	4518683	0.80	cps
Boron	10-1	6535	6643	6718	6632	1.39	cps
Boron	11-1	27593	28937	29605	28711	3.57	cps
Cadmium	111-1	3206	3150	3294	3217	2.25	cps
Cadmium	106-1	2934	3009	2967	2970	1.27	cps
Cadmium	108-1	158	179	158	165	7.28	cps
Calcium	43-1	12639	12039	12206	12294	2.52	cps
Calcium	44-1	204054	204891	202408	203784	0.62	cps
Chromium	52-2	4778	4788	5098	4888	3.72	cps
Cobalt	59-2	3200	3400	3384	3328	3.33	cps
Copper	63-2	4584	5051	5094	4910	5.76	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	7	10	3	7	50.03	cps
Erbium	164-1	17	17	17	17	0.00	cps
Erbium	164-2	3	20	23	16	68.90	cps
Gadolinium	160-1	25	33	25	28	17.31	cps
Gadolinium	160-2	153	140	167	153	8.70	cps
Holmium	165-1	10395982	10342197	10348578	10362252	0.28	cps
Holmium	165-2	5963671	6021952	5994625	5993416	0.49	cps
Indium	115-1	7108173	7106715	7141767	7118885	0.28	cps
Indium	115-2	1610464	1619561	1616647	1615557	0.29	cps
Iron	56-2	101073	100486	100184	100581	0.45	cps
Iron	57-2	2511	2600	2556	2556	1.74	cps
Krypton	83-1	207	150	227	194	20.45	cps
Lead	206-1	7341	6630	6985	6985	5.09	cps
Lead	207-1	6157	6252	5846	6085	3.49	cps
Lead	208-1	29080	28435	27868	28461	2.13	cps
Lithium	6-1	2675939	2678671	2674571	2676394	0.08	cps
Magnesium	24-2	93851	93306	91395	92851	1.39	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 13:06:20	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1653	1483	1497	1545	6.12	cps
Molybdenum	94-1	15559	14783	14424	14922	3.89	cps
Molybdenum	95-1	18646	18621	18204	18490	1.34	cps
Molybdenum	96-1	21191	20949	21066	21069	0.57	cps
Molybdenum	97-1	11772	11622	11597	11664	0.81	cps
Molybdenum	98-1	30091	30300	30191	30194	0.35	cps
Neodymium	150-1	20	0	7	9	114.55	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	967	927	847	913	6.69	cps
Phosphorus	31-2	275	258	308	281	9.07	cps
Potassium	39-2	97176	98861	96890	97642	1.09	cps
Rhodium	103-1	6425036	6358506	6418102	6400548	0.57	cps
Rhodium	103-2	3176764	3190339	3218569	3195224	0.67	cps
Scandium	45-1	4814252	4843953	4855223	4837810	0.44	cps
Scandium	45-2	220124	219835	221177	220379	0.32	cps
Selenium	77-2	30	40	23	31	26.97	cps
Selenium	78-2	161	157	163	160	1.76	cps
Selenium	82-1	984	1007	943	978	3.33	cps
Silicon	28-1	173748	173461	173561	173590	0.08	cps
Silver	109-1	7611	7494	7886	7664	2.63	cps
Silver	107-1	7244	7702	8186	7711	6.11	cps
Sodium	23-2	175702	175642	175044	175463	0.21	cps
Strontium	86-1	2859	2775	2642	2759	3.96	cps
Strontium	88-1	21316	21342	21300	21319	0.10	cps
Sulfur	34-1	183340	183078	188021	184813	1.50	cps
Terbium	159-1	10680605	10727717	10738972	10715765	0.29	cps
Terbium	159-2	5805107	5817645	5862583	5828445	0.52	cps
Thallium	203-1	8411	8353	8587	8450	1.44	cps
Thallium	205-1	20467	20675	20876	20672	0.99	cps
Thorium	232-1	30052	30274	30464	30263	0.68	cps
Tin	118-1	31770	32029	32363	32054	0.93	cps
Titanium	47-1	5651	5218	5918	5596	6.32	cps
Uranium	238-1	29827	30687	30445	30320	1.46	cps
Vanadium	51-2	9603	9380	9583	9522	1.30	cps
Yttrium	89-1	7641324	7620756	7621854	7627978	0.15	cps
Yttrium	89-2	1226294	1233648	1239296	1233079	0.53	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 13:06:20	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	953	950	883	929	4.25	cps
Zirconium	90-1	11864	12373	12097	12111	2.10	cps
Zirconium	91-1	3050	2809	3000	2953	4.32	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 13:10:16	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	77468	77493	78523	77828	0.77	cps
Antimony	121-1	359181	357775	358961	358639	0.21	cps
Arsenic	75-2	11553	11445	11636	11545	0.83	cps
Barium	135-1	508898	503810	505466	506058	0.51	cps
Barium	137-1	879121	877424	883938	880161	0.38	cps
Beryllium	9-1	89971	90709	90514	90398	0.42	cps
Bismuth	209-1	6866367	6967521	6878643	6904177	0.80	cps
Bismuth	209-2	4404715	4416457	4472590	4431254	0.82	cps
Boron	10-1	12939	13298	14049	13429	4.22	cps
Boron	11-1	57401	58255	60463	58706	2.69	cps
Cadmium	111-1	97716	96257	95933	96635	0.98	cps
Cadmium	106-1	13140	13240	13482	13287	1.32	cps
Cadmium	108-1	7423	7415	7506	7448	0.68	cps
Calcium	43-1	126504	122966	124395	124622	1.43	cps
Calcium	44-1	2036554	2010115	1998447	2015039	0.97	cps
Chromium	52-2	111024	108774	109983	109927	1.02	cps
Cobalt	59-2	169334	166997	166798	167710	0.84	cps
Copper	63-2	224383	224383	223943	224237	0.11	cps
Dysprosium	156-1	25	17	0	14	91.65	cps
Dysprosium	156-2	13	10	17	13	25.01	cps
Erbium	164-1	25	67	17	36	74.18	cps
Erbium	164-2	20	13	20	18	21.66	cps
Gadolinium	160-1	33	25	33	31	15.75	cps
Gadolinium	160-2	117	170	157	148	18.78	cps
Holmium	165-1	10210834	10291440	10201491	10234588	0.48	cps
Holmium	165-2	5883805	5886695	5942983	5904494	0.57	cps
Indium	115-1	6896846	6933883	6923889	6918206	0.28	cps
Indium	115-2	1560627	1545723	1577923	1561424	1.03	cps
Iron	56-2	4545483	4585232	4533600	4554772	0.59	cps
Iron	57-2	117875	115552	114750	116059	1.40	cps
Krypton	83-1	180	203	170	184	9.28	cps
Lead	206-1	369065	366302	370149	368506	0.54	cps
Lead	207-1	331795	329695	331837	331109	0.37	cps
Lead	208-1	1493440	1480397	1487120	1486986	0.44	cps
Lithium	6-1	2609942	2628273	2612981	2617066	0.38	cps
Magnesium	24-2	896088	888750	891056	891965	0.42	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 13:10:16	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	140991	138962	140910	140288	0.82	cps
Molybdenum	94-1	763830	767948	764235	765338	0.30	cps
Molybdenum	95-1	925260	926027	919783	923690	0.37	cps
Molybdenum	96-1	1024132	1029111	1032472	1028572	0.41	cps
Molybdenum	97-1	577512	579761	573440	576904	0.56	cps
Molybdenum	98-1	1498440	1487220	1476294	1487318	0.74	cps
Neodymium	150-1	20	13	40	24	56.78	cps
Neodymium	150-2	3	0	10	4	114.60	cps
Nickel	60-2	42886	43204	42258	42782	1.13	cps
Phosphorus	31-2	3984	4034	3784	3934	3.36	cps
Potassium	39-2	460859	458478	462854	460731	0.48	cps
Rhodium	103-1	6140938	6170063	6162385	6157795	0.25	cps
Rhodium	103-2	3060239	3064794	3078525	3067853	0.31	cps
Scandium	45-1	4633664	4653885	4615187	4634245	0.42	cps
Scandium	45-2	208346	206890	210905	208714	0.97	cps
Selenium	77-2	387	303	363	351	12.24	cps
Selenium	78-2	1200	1167	1170	1179	1.55	cps
Selenium	82-1	7349	7353	7276	7326	0.59	cps
Silicon	28-1	369865	373855	368663	370795	0.73	cps
Silver	109-1	438333	439062	442428	439941	0.50	cps
Silver	107-1	461782	458356	453632	457923	0.89	cps
Sodium	23-2	1724514	1709560	1717510	1717195	0.44	cps
Strontium	86-1	126468	125931	124652	125684	0.74	cps
Strontium	88-1	1103710	1096581	1101182	1100491	0.33	cps
Sulfur	34-1	223746	221666	218318	221243	1.24	cps
Terbium	159-1	10448749	10596167	10494805	10513240	0.72	cps
Terbium	159-2	5707842	5693788	5760850	5720826	0.62	cps
Thallium	203-1	448431	445091	446368	446630	0.38	cps
Thallium	205-1	1078639	1067827	1076420	1074295	0.53	cps
Thorium	232-1	1687155	1692874	1696290	1692106	0.27	cps
Tin	118-1	323336	316140	316396	318624	1.28	cps
Titanium	47-1	268561	263534	265856	265984	0.95	cps
Uranium	238-1	1674145	1665279	1659391	1666272	0.45	cps
Vanadium	51-2	90264	90069	90924	90419	0.50	cps
Yttrium	89-1	7356847	7415435	7355601	7375961	0.46	cps
Yttrium	89-2	1183278	1174430	1185637	1181115	0.50	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 13:10:16	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	36342	36309	35881	36177	0.71	cps
Zirconium	90-1	655950	645486	643246	648227	1.05	cps
Zirconium	91-1	145282	144616	145162	145020	0.24	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 13:14:13	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	179548	177203	176766	177839	0.84	cps
Antimony	121-1	877848	867184	863084	869372	0.88	cps
Arsenic	75-2	26296	26342	26098	26245	0.50	cps
Barium	135-1	1233868	1224572	1219213	1225884	0.60	cps
Barium	137-1	2136556	2122333	2138006	2132298	0.41	cps
Beryllium	9-1	214332	212760	211002	212698	0.78	cps
Bismuth	209-1	6886885	6881068	6879067	6882340	0.06	cps
Bismuth	209-2	4293486	4338749	4321873	4318036	0.53	cps
Boron	10-1	32828	32636	32001	32489	1.33	cps
Boron	11-1	144048	141442	142702	142730	0.91	cps
Cadmium	111-1	231035	228890	228005	229310	0.68	cps
Cadmium	106-1	28396	27644	27745	27928	1.46	cps
Cadmium	108-1	17161	17490	17486	17379	1.09	cps
Calcium	43-1	288691	292456	291734	290960	0.69	cps
Calcium	44-1	4695848	4659603	4612035	4655828	0.90	cps
Chromium	52-2	249893	250241	245144	248426	1.15	cps
Cobalt	59-2	381565	376920	372714	377066	1.17	cps
Copper	63-2	506291	504126	498601	503006	0.79	cps
Dysprosium	156-1	17	17	17	17	0.00	cps
Dysprosium	156-2	23	33	40	32	26.04	cps
Erbium	164-1	42	17	58	39	53.93	cps
Erbium	164-2	20	17	20	19	10.18	cps
Gadolinium	160-1	8	58	42	36	70.51	cps
Gadolinium	160-2	110	170	130	137	22.35	cps
Holmium	165-1	10269206	10221167	10170673	10220349	0.48	cps
Holmium	165-2	5745900	5766656	5704622	5739059	0.55	cps
Indium	115-1	6695899	6628859	6655510	6660090	0.51	cps
Indium	115-2	1463135	1474549	1457397	1465027	0.60	cps
Iron	56-2	10486409	10290138	10267493	10348013	1.16	cps
Iron	57-2	265895	262745	262319	263653	0.74	cps
Krypton	83-1	167	150	130	149	12.33	cps
Lead	206-1	913364	908849	912793	911669	0.27	cps
Lead	207-1	815788	821104	818745	818546	0.33	cps
Lead	208-1	3668416	3686239	3677839	3677498	0.24	cps
Lithium	6-1	2539449	2528754	2490774	2519659	1.02	cps
Magnesium	24-2	2050495	2026449	2035160	2037368	0.60	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 13:14:13	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	323823	318344	316191	319452	1.23	cps
Molybdenum	94-1	1820567	1807674	1801341	1809861	0.54	cps
Molybdenum	95-1	2210740	2195883	2176009	2194211	0.79	cps
Molybdenum	96-1	2454056	2431082	2423724	2436287	0.65	cps
Molybdenum	97-1	1385919	1370340	1364724	1373661	0.80	cps
Molybdenum	98-1	3562265	3535501	3525859	3541209	0.53	cps
Neodymium	150-1	67	120	80	89	31.22	cps
Neodymium	150-2	3	10	13	9	57.30	cps
Nickel	60-2	95368	93975	95008	94784	0.76	cps
Phosphorus	31-2	8970	9278	9070	9106	1.73	cps
Potassium	39-2	1036918	1017191	1024738	1026282	0.97	cps
Rhodium	103-1	5925258	5874235	5802998	5867497	1.05	cps
Rhodium	103-2	2844689	2861085	2842128	2849301	0.36	cps
Scandium	45-1	4459917	4380052	4341703	4393891	1.37	cps
Scandium	45-2	193248	194225	192805	193426	0.38	cps
Selenium	77-2	807	760	797	788	3.12	cps
Selenium	78-2	2658	2648	2706	2671	1.15	cps
Selenium	82-1	17130	16923	16565	16873	1.69	cps
Silicon	28-1	689845	684612	680173	684877	0.71	cps
Silver	109-1	1038469	1034638	1031501	1034869	0.34	cps
Silver	107-1	1096978	1074279	1074932	1082063	1.19	cps
Sodium	23-2	3948691	3916815	3894172	3919892	0.70	cps
Strontium	86-1	299854	297386	296146	297796	0.63	cps
Strontium	88-1	2612203	2597149	2595053	2601469	0.36	cps
Sulfur	34-1	262799	257506	256342	258882	1.33	cps
Terbium	159-1	10395318	10410978	10396144	10400813	0.08	cps
Terbium	159-2	5546037	5584899	5524335	5551757	0.55	cps
Thallium	203-1	1115960	1106590	1101167	1107906	0.68	cps
Thallium	205-1	2666651	2651902	2660200	2659584	0.28	cps
Thorium	232-1	4249466	4249008	4256908	4251794	0.10	cps
Tin	118-1	771492	768156	760803	766817	0.71	cps
Titanium	47-1	629402	628749	617961	625370	1.03	cps
Uranium	238-1	4191362	4194016	4148172	4177850	0.62	cps
Vanadium	51-2	208251	207074	201613	205646	1.72	cps
Yttrium	89-1	7124581	7046589	7067701	7079623	0.57	cps
Yttrium	89-2	1105944	1111006	1098724	1105225	0.56	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 13:14:13	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	81010	81677	81064	81250	0.46	cps
Zirconium	90-1	1546316	1538271	1533833	1539473	0.41	cps
Zirconium	91-1	346084	344306	343158	344516	0.43	cps

LB Number : LB103176 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P7
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-03 13:18:05 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	321707	321855	320533	321365	0.23	cps
Antimony	121-1	1633930	1639173	1611434	1628179	0.91	cps
Arsenic	75-2	46985	47020	47544	47183	0.66	cps
Barium	135-1	2329917	2322792	2304909	2319206	0.56	cps
Barium	137-1	4033513	4021187	3994108	4016269	0.50	cps
Beryllium	9-1	381850	374472	372920	376414	1.27	cps
Bismuth	209-1	6667473	6683764	6633263	6661500	0.39	cps
Bismuth	209-2	4032643	4066406	4056418	4051822	0.43	cps
Boron	10-1	57142	56983	59702	57942	2.63	cps
Boron	11-1	252458	255240	256976	254891	0.89	cps
Cadmium	111-1	426448	422501	417992	422314	1.00	cps
Cadmium	106-1	48943	48743	47514	48400	1.60	cps
Cadmium	108-1	32901	32416	32350	32556	0.92	cps
Calcium	43-1	529440	521212	521962	524204	0.87	cps
Calcium	44-1	8443184	8369928	8293260	8368790	0.90	cps
Chromium	52-2	444409	441912	442892	443071	0.28	cps
Cobalt	59-2	673617	672757	679026	675133	0.50	cps
Copper	63-2	886815	891519	894660	890998	0.44	cps
Dysprosium	156-1	33	25	25	28	17.31	cps
Dysprosium	156-2	67	50	27	48	42.05	cps
Erbium	164-1	75	33	58	56	37.75	cps
Erbium	164-2	10	10	3	8	49.52	cps
Gadolinium	160-1	25	25	33	28	17.31	cps
Gadolinium	160-2	147	157	143	149	4.66	cps
Holmium	165-1	9884002	9785265	9795219	9821495	0.55	cps
Holmium	165-2	5368012	5405647	5393663	5389107	0.36	cps
Indium	115-1	6207616	6151554	6113989	6157720	0.77	cps
Indium	115-2	1319519	1325400	1334980	1326633	0.59	cps
Iron	56-2	18642903	18617104	18691112	18650373	0.20	cps
Iron	57-2	469438	476479	476512	474143	0.86	cps
Krypton	83-1	207	123	130	153	30.20	cps
Lead	206-1	1787161	1776030	1757392	1773528	0.85	cps
Lead	207-1	1621095	1604988	1600277	1608787	0.68	cps
Lead	208-1	7250288	7215334	7172534	7212718	0.54	cps
Lithium	6-1	2265259	2253816	2233958	2251011	0.70	cps
Magnesium	24-2	3656225	3662251	3653656	3657377	0.12	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 13:18:05	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	577093	577269	580856	578406	0.37	cps
Molybdenum	94-1	3361795	3317490	3325893	3335059	0.71	cps
Molybdenum	95-1	4082398	4025235	4000693	4036108	1.04	cps
Molybdenum	96-1	4540031	4492243	4440846	4491040	1.10	cps
Molybdenum	97-1	2556507	2528660	2509116	2531428	0.94	cps
Molybdenum	98-1	6544364	6449508	6445525	6479799	0.86	cps
Neodymium	150-1	160	100	207	156	34.38	cps
Neodymium	150-2	17	33	27	26	32.81	cps
Nickel	60-2	166911	167139	167198	167083	0.09	cps
Phosphorus	31-2	16234	16310	15967	16170	1.11	cps
Potassium	39-2	1833258	1828541	1838968	1833589	0.28	cps
Rhodium	103-1	5318906	5276555	5243079	5279513	0.72	cps
Rhodium	103-2	2534102	2554655	2568034	2552264	0.67	cps
Scandium	45-1	3899382	3915873	3900924	3905393	0.23	cps
Scandium	45-2	169025	170066	169567	169553	0.31	cps
Selenium	77-2	1473	1553	1373	1467	6.15	cps
Selenium	78-2	4710	4918	4821	4816	2.16	cps
Selenium	82-1	30684	30484	30322	30497	0.60	cps
Silicon	28-1	1105863	1103804	1095998	1101888	0.47	cps
Silver	109-1	1910003	1898400	1869321	1892574	1.11	cps
Silver	107-1	1975267	1978796	1968637	1974234	0.26	cps
Sodium	23-2	7064312	7057794	7083020	7068375	0.19	cps
Strontium	86-1	559355	553599	542834	551929	1.52	cps
Strontium	88-1	4848837	4813694	4724863	4795798	1.33	cps
Sulfur	34-1	317845	311340	307998	312394	1.60	cps
Terbium	159-1	9920093	9942423	9942881	9935132	0.13	cps
Terbium	159-2	5178478	5186318	5201781	5188859	0.23	cps
Thallium	203-1	2191316	2150933	2162513	2168254	0.96	cps
Thallium	205-1	5226481	5157176	5122493	5168717	1.02	cps
Thorium	232-1	8584243	8548109	8557458	8563270	0.22	cps
Tin	118-1	1445091	1434533	1419652	1433092	0.89	cps
Titanium	47-1	1138323	1126097	1114076	1126166	1.08	cps
Uranium	238-1	8331694	8330986	8340544	8334408	0.06	cps
Vanadium	51-2	369736	367006	365071	367271	0.64	cps
Yttrium	89-1	6508897	6496801	6454752	6486817	0.44	cps
Yttrium	89-2	992633	992894	1011773	999100	1.10	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 13:18:05	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	146502	145850	147186	146513	0.46	cps
Zirconium	90-1	2856987	2830003	2813142	2833377	0.78	cps
Zirconium	91-1	645170	637834	628614	637206	1.30	cps

LB Number : LB103176 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P7
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-03 13:21:55 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	619205	622821	622191	621406	0.31	cps
Antimony	121-1	3176968	3184940	3157824	3173244	0.44	cps
Arsenic	75-2	90829	91278	90986	91031	0.25	cps
Barium	135-1	4495693	4460198	4478225	4478039	0.40	cps
Barium	137-1	7838394	7846322	7854671	7846462	0.10	cps
Beryllium	9-1	707737	711780	708490	709336	0.30	cps
Bismuth	209-1	6519582	6525112	6545312	6530002	0.21	cps
Bismuth	209-2	3864284	3962369	3947851	3924835	1.35	cps
Boron	10-1	107205	111351	111325	109960	2.17	cps
Boron	11-1	470332	487661	489283	482425	2.18	cps
Cadmium	111-1	873631	881882	879950	878488	0.49	cps
Cadmium	106-1	97945	98599	98255	98267	0.33	cps
Cadmium	108-1	66769	66514	67552	66945	0.81	cps
Calcium	43-1	992104	989159	994615	991959	0.28	cps
Calcium	44-1	16101178	16031099	15967523	16033267	0.42	cps
Chromium	52-2	856806	855940	854941	855895	0.11	cps
Cobalt	59-2	1294068	1292169	1285988	1290741	0.33	cps
Copper	63-2	1819393	1817325	1814666	1817128	0.13	cps
Dysprosium	156-1	42	92	58	64	39.85	cps
Dysprosium	156-2	93	100	60	84	25.38	cps
Erbium	164-1	33	75	25	44	60.27	cps
Erbium	164-2	10	27	17	18	47.19	cps
Gadolinium	160-1	42	25	33	33	25.01	cps
Gadolinium	160-2	153	160	110	141	19.24	cps
Holmium	165-1	9644662	9716943	9743505	9701703	0.53	cps
Holmium	165-2	5226239	5344498	5331625	5300787	1.22	cps
Indium	115-1	5887070	5919137	5911878	5906028	0.28	cps
Indium	115-2	1257975	1278501	1269336	1268604	0.81	cps
Iron	56-2	36048108	36003478	36021392	36024326	0.06	cps
Iron	57-2	917124	919370	921147	919214	0.22	cps
Krypton	83-1	123	147	130	133	9.01	cps
Lead	206-1	3456465	3467576	3465186	3463076	0.17	cps
Lead	207-1	3130509	3157198	3145271	3144326	0.43	cps
Lead	208-1	14121243	14149375	14085969	14118862	0.23	cps
Lithium	6-1	2116905	2125443	2126509	2122952	0.25	cps
Magnesium	24-2	7089124	7099414	7111402	7099980	0.16	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 13:21:55	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1109184	1118768	1116427	1114793	0.45	cps
Molybdenum	94-1	6380502	6403140	6393331	6392324	0.18	cps
Molybdenum	95-1	7724704	7743187	7740279	7736056	0.13	cps
Molybdenum	96-1	8610158	8656789	8634342	8633763	0.27	cps
Molybdenum	97-1	4919007	4912060	4887797	4906288	0.33	cps
Molybdenum	98-1	12531238	12538011	12531469	12533572	0.03	cps
Neodymium	150-1	360	220	293	291	24.06	cps
Neodymium	150-2	50	37	43	43	15.38	cps
Nickel	60-2	320191	320721	319934	320282	0.13	cps
Phosphorus	31-2	31810	31275	31167	31417	1.10	cps
Potassium	39-2	3539547	3539398	3557445	3545463	0.29	cps
Rhodium	103-1	4984257	5033249	5028485	5015330	0.54	cps
Rhodium	103-2	2410938	2461226	2461264	2444476	1.19	cps
Scandium	45-1	3712794	3715593	3709567	3712651	0.08	cps
Scandium	45-2	162490	165122	162914	163508	0.86	cps
Selenium	77-2	2820	2650	2687	2719	3.29	cps
Selenium	78-2	9353	9377	9323	9351	0.29	cps
Selenium	82-1	58372	58263	57801	58145	0.52	cps
Silicon	28-1	1976963	1988236	1991736	1985645	0.39	cps
Silver	109-1	3752406	3765096	3760780	3759427	0.17	cps
Silver	107-1	3913046	3915249	3922740	3917012	0.13	cps
Sodium	23-2	13733780	13813571	13785504	13777619	0.29	cps
Strontium	86-1	1058302	1067567	1052678	1059516	0.71	cps
Strontium	88-1	9261303	9311860	9270441	9281201	0.29	cps
Sulfur	34-1	471572	473404	473682	472886	0.24	cps
Terbium	159-1	9739711	9797845	9864667	9800741	0.64	cps
Terbium	159-2	5034942	5153446	5158937	5115775	1.37	cps
Thallium	203-1	4247853	4260112	4245603	4251190	0.18	cps
Thallium	205-1	10229022	10234695	10274340	10246019	0.24	cps
Thorium	232-1	17122021	17232816	17093907	17149582	0.43	cps
Tin	118-1	2761288	2754094	2760207	2758530	0.14	cps
Titanium	47-1	2137239	2135612	2138974	2137275	0.08	cps
Uranium	238-1	16595575	16747670	16746901	16696715	0.52	cps
Vanadium	51-2	713813	714737	713127	713893	0.11	cps
Yttrium	89-1	6192974	6246751	6251395	6230373	0.52	cps
Yttrium	89-2	955526	970273	968896	964899	0.84	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 13:21:55	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	297905	301086	299334	299442	0.53	cps
Zirconium	90-1	5479242	5498001	5492011	5489751	0.17	cps
Zirconium	91-1	1218976	1217939	1224325	1220413	0.28	cps

LB Number : LB103176 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-03 13:25:44 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1209728	1214684	1208768	1211060	0.26	cps
Antimony	121-1	6202955	6216785	6216482	6212074	0.13	cps
Arsenic	75-2	174931	175369	174333	174877	0.30	cps
Barium	135-1	8925641	8889201	8912149	8908997	0.21	cps
Barium	137-1	15591126	15467881	15541741	15533583	0.40	cps
Beryllium	9-1	1332417	1338612	1342200	1337743	0.37	cps
Bismuth	209-1	6359818	6260192	6207048	6275686	1.24	cps
Bismuth	209-2	3829340	3923648	3945898	3899629	1.59	cps
Boron	10-1	211383	217543	220597	216507	2.17	cps
Boron	11-1	919414	952648	981504	951189	3.27	cps
Cadmium	111-1	1625126	1626541	1621466	1624378	0.16	cps
Cadmium	106-1	180804	183819	182992	182538	0.85	cps
Cadmium	108-1	124054	125037	124129	124407	0.44	cps
Calcium	43-1	1939929	1935402	1947003	1940778	0.30	cps
Calcium	44-1	31358143	31456066	31441302	31418504	0.17	cps
Chromium	52-2	1650546	1657835	1655393	1654591	0.22	cps
Cobalt	59-2	2459551	2469515	2472989	2467351	0.28	cps
Copper	63-2	3475637	3502672	3500555	3492955	0.43	cps
Dysprosium	156-1	125	183	117	142	25.64	cps
Dysprosium	156-2	173	187	160	173	7.69	cps
Erbium	164-1	67	67	50	61	15.75	cps
Erbium	164-2	20	20	43	28	48.49	cps
Gadolinium	160-1	100	42	75	72	40.52	cps
Gadolinium	160-2	157	127	133	139	11.34	cps
Holmium	165-1	9649854	9502383	9500163	9550800	0.90	cps
Holmium	165-2	5334701	5409912	5450609	5398408	1.09	cps
Indium	115-1	5727348	5645746	5637516	5670203	0.88	cps
Indium	115-2	1233525	1262761	1275525	1257270	1.71	cps
Iron	56-2	69969456	70100289	69117122	69728956	0.77	cps
Iron	57-2	1756008	1780929	1753635	1763524	0.86	cps
Krypton	83-1	167	140	163	157	9.28	cps
Lead	206-1	6902849	6862321	6873547	6879572	0.30	cps
Lead	207-1	6253948	6220698	6240137	6238261	0.27	cps
Lead	208-1	27976950	27841168	27885869	27901329	0.25	cps
Lithium	6-1	2077290	2060251	2051176	2062906	0.64	cps
Magnesium	24-2	13858990	13934196	13770297	13854494	0.59	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 13:25:44	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2156592	2167951	2158979	2161174	0.28	cps
Molybdenum	94-1	12673408	12610735	12610861	12631668	0.29	cps
Molybdenum	95-1	15238112	15279530	15258470	15258704	0.14	cps
Molybdenum	96-1	17079496	16963719	16977018	17006744	0.37	cps
Molybdenum	97-1	9654627	9680193	9708714	9681178	0.28	cps
Molybdenum	98-1	24688775	24816666	24758940	24754793	0.26	cps
Neodymium	150-1	600	680	653	644	6.32	cps
Neodymium	150-2	77	73	60	70	12.60	cps
Nickel	60-2	608024	607494	609126	608215	0.14	cps
Phosphorus	31-2	60641	59670	60716	60343	0.97	cps
Potassium	39-2	6925228	6927062	6901096	6917795	0.21	cps
Rhodium	103-1	4740737	4732227	4661923	4711629	0.92	cps
Rhodium	103-2	2374360	2422045	2451536	2415980	1.61	cps
Scandium	45-1	3623705	3579538	3572918	3592054	0.77	cps
Scandium	45-2	163814	167892	169928	167211	1.86	cps
Selenium	77-2	5221	5214	5151	5195	0.74	cps
Selenium	78-2	17401	17505	17661	17522	0.75	cps
Selenium	82-1	109559	110118	109416	109697	0.34	cps
Silicon	28-1	3642427	3644792	3652768	3646663	0.15	cps
Silver	109-1	7184116	7250475	7212509	7215700	0.46	cps
Silver	107-1	7531010	7554933	7540187	7542043	0.16	cps
Sodium	23-2	26972464	27242530	26946074	27053689	0.61	cps
Strontium	86-1	2075127	2069606	2069503	2071412	0.16	cps
Strontium	88-1	18295665	18193065	18300008	18262913	0.33	cps
Sulfur	34-1	778231	781570	783877	781226	0.36	cps
Terbium	159-1	9673028	9577205	9506801	9585678	0.87	cps
Terbium	159-2	5131112	5199142	5260946	5197067	1.25	cps
Thallium	203-1	8508516	8493460	8537810	8513262	0.26	cps
Thallium	205-1	20366565	20337952	20274558	20326358	0.23	cps
Thorium	232-1	34585887	34305534	34423620	34438347	0.41	cps
Tin	118-1	5483235	5483913	5516410	5494519	0.35	cps
Titanium	47-1	4165938	4156432	4185895	4169422	0.36	cps
Uranium	238-1	33461334	33528277	33794130	33594580	0.52	cps
Vanadium	51-2	1394943	1395938	1386933	1392605	0.35	cps
Yttrium	89-1	6144119	6039160	6009294	6064191	1.17	cps
Yttrium	89-2	960010	975290	991114	975471	1.59	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 13:25:44	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	568116	574447	571874	571479	0.56	cps
Zirconium	90-1	10845138	10780435	10872184	10832586	0.44	cps
Zirconium	91-1	2402510	2389682	2392255	2394816	0.28	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 13:29:30	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6547837	6591077	6688848	6609254	1.09	cps
Antimony	121-1	7986	7719	8103	7936	2.48	cps
Arsenic	75-2	239	257	222	240	7.35	cps
Barium	135-1	1267	1192	1042	1167	9.82	cps
Barium	137-1	2542	2275	1975	2264	12.52	cps
Beryllium	9-1	330	327	307	321	3.93	cps
Bismuth	209-1	5553181	5624395	5711150	5629575	1.41	cps
Bismuth	209-2	3322765	3521481	3336735	3393660	3.27	cps
Boron	10-1	13181	12439	11346	12322	7.49	cps
Boron	11-1	58028	53997	49440	53822	7.98	cps
Cadmium	111-1	1360	1145	1345	1283	9.37	cps
Cadmium	106-1	2275	1925	2225	2142	8.84	cps
Cadmium	108-1	33	38	38	36	6.67	cps
Calcium	43-1	9529438	9645363	9686644	9620482	0.85	cps
Calcium	44-1	153972162	156110908	157465833	155849634	1.13	cps
Chromium	52-2	14014	13903	13536	13818	1.81	cps
Cobalt	59-2	29998	29934	30198	30043	0.46	cps
Copper	63-2	4471	4344	4381	4399	1.48	cps
Dysprosium	156-1	125	75	83	94	28.37	cps
Dysprosium	156-2	60	37	67	54	28.93	cps
Erbium	164-1	50	42	75	56	31.23	cps
Erbium	164-2	27	40	23	30	29.40	cps
Gadolinium	160-1	75	75	83	78	6.19	cps
Gadolinium	160-2	147	140	130	139	6.04	cps
Holmium	165-1	9283877	9450339	9671025	9468414	2.05	cps
Holmium	165-2	5127203	5460406	5161767	5249792	3.49	cps
Indium	115-1	5551429	5659242	5823966	5678213	2.42	cps
Indium	115-2	1230589	1318167	1260864	1269873	3.50	cps
Iron	56-2	347922152	349963119	351929852	349938374	0.57	cps
Iron	57-2	8864708	8882727	8941008	8896148	0.45	cps
Krypton	83-1	197	180	203	193	6.22	cps
Lead	206-1	6513	6613	6485	6537	1.03	cps
Lead	207-1	5512	5479	5351	5448	1.56	cps
Lead	208-1	26400	25844	25115	25786	2.50	cps
Lithium	6-1	2092670	2155640	2215741	2154684	2.86	cps
Magnesium	24-2	70600264	71322343	72023327	71315311	1.00	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 13:29:30	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	8723	9090	9003	8938	2.15	cps
Molybdenum	94-1	6410	6010	6018	6146	3.72	cps
Molybdenum	95-1	9979	9012	8920	9303	6.31	cps
Molybdenum	96-1	12656	12431	11972	12353	2.82	cps
Molybdenum	97-1	5626	5360	5543	5510	2.48	cps
Molybdenum	98-1	13765	13507	13707	13660	0.99	cps
Neodymium	150-1	120	140	120	127	9.12	cps
Neodymium	150-2	50	63	77	63	21.06	cps
Nickel	60-2	7829	8209	7929	7989	2.47	cps
Phosphorus	31-2	75	125	92	97	26.19	cps
Potassium	39-2	36577747	36920747	37493682	36997392	1.25	cps
Rhodium	103-1	4437893	4537480	4614032	4529802	1.95	cps
Rhodium	103-2	2223066	2387100	2265471	2291879	3.72	cps
Scandium	45-1	3748039	3850732	3969289	3856020	2.87	cps
Scandium	45-2	176204	187154	180532	181297	3.04	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	48	22	31	34	38.70	cps
Selenium	82-1	234	232	274	247	9.63	cps
Silicon	28-1	143633	142345	144281	143420	0.69	cps
Silver	109-1	517	317	458	431	23.89	cps
Silver	107-1	542	650	600	597	9.08	cps
Sodium	23-2	141242074	142442028	144334407	142672837	1.09	cps
Strontium	86-1	8194	8319	8503	8339	1.86	cps
Strontium	88-1	72608	73153	72818	72860	0.38	cps
Sulfur	34-1	132502	133856	135300	133886	1.05	cps
Terbium	159-1	9360034	9499535	9755166	9538245	2.10	cps
Terbium	159-2	4918099	5263667	4956712	5046159	3.75	cps
Thallium	203-1	1917	1825	1617	1786	8.61	cps
Thallium	205-1	4643	4726	3692	4354	13.19	cps
Thorium	232-1	6435	5390	4923	5583	13.87	cps
Tin	118-1	4168	3767	4242	4059	6.29	cps
Titanium	47-1	1934	1950	2109	1997	4.84	cps
Uranium	238-1	2350	2100	2025	2159	7.89	cps
Vanadium	51-2	247	243	233	241	2.88	cps
Yttrium	89-1	6061244	6201034	6362950	6208409	2.43	cps
Yttrium	89-2	980710	1049525	995841	1008692	3.59	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 13:29:30	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	4741	4644	4531	4639	2.27	cps
Zirconium	90-1	3275	3050	2842	3056	7.09	cps
Zirconium	91-1	867	650	708	742	15.12	cps

LB Number : LB103176 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-03 13:37:44 DataFile Name : 012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	38459	39085	36462	38002	3.60	cps
Antimony	121-1	1396520	1370266	1363172	1376652	1.28	cps
Arsenic	75-2	42785	42664	41986	42478	1.01	cps
Barium	135-1	200899	198843	195234	198325	1.45	cps
Barium	137-1	347818	345144	341056	344673	0.99	cps
Beryllium	9-1	167282	166740	164136	166052	1.01	cps
Bismuth	209-1	7040523	6971647	7266302	7092824	2.17	cps
Bismuth	209-2	4357851	4307147	4317153	4327384	0.62	cps
Boron	10-1	159272	157733	157453	158153	0.62	cps
Boron	11-1	711463	706524	699651	705880	0.84	cps
Cadmium	111-1	191949	188095	186958	189001	1.38	cps
Cadmium	106-1	39013	37751	37359	38041	2.27	cps
Cadmium	108-1	21579	22163	21116	21620	2.43	cps
Calcium	43-1	55229	52920	52879	53676	2.51	cps
Calcium	44-1	838964	816603	807752	821106	1.96	cps
Chromium	52-2	201043	199683	201061	200596	0.39	cps
Cobalt	59-2	309769	309085	307718	308857	0.34	cps
Copper	63-2	206109	205713	203953	205259	0.56	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	3	13	3	7	86.65	cps
Erbium	164-1	92	75	125	97	26.19	cps
Erbium	164-2	50	50	60	53	10.83	cps
Gadolinium	160-1	58	50	25	44	39.04	cps
Gadolinium	160-2	170	130	117	139	19.98	cps
Holmium	165-1	10245616	10174422	10662138	10360725	2.54	cps
Holmium	165-2	5820577	5705998	5751565	5759380	1.00	cps
Indium	115-1	6752515	6652295	6918540	6774450	1.98	cps
Indium	115-2	1483581	1446997	1451441	1460673	1.37	cps
Iron	56-2	1748613	1739821	1735402	1741279	0.39	cps
Iron	57-2	43905	43593	45638	44378	2.48	cps
Krypton	83-1	197	207	237	213	9.76	cps
Lead	206-1	1499064	1503876	1496955	1499965	0.24	cps
Lead	207-1	1307622	1304485	1286015	1299374	0.90	cps
Lead	208-1	5964010	5961755	5912732	5946166	0.49	cps
Lithium	6-1	2565986	2529633	2587118	2560912	1.14	cps
Magnesium	24-2	206579	203116	202737	204144	1.04	cps

LB Number : LB103176 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-03 13:37:44 DataFile Name : 012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	129417	128344	128145	128635	0.53	cps
Molybdenum	94-1	7314152	7252638	7193492	7253428	0.83	cps
Molybdenum	95-1	8774186	8699722	8577587	8683832	1.14	cps
Molybdenum	96-1	9800614	9664150	9559722	9674828	1.25	cps
Molybdenum	97-1	5532308	5490939	5373320	5465522	1.51	cps
Molybdenum	98-1	14117411	13955511	13749080	13940667	1.32	cps
Neodymium	150-1	20	20	13	18	21.66	cps
Neodymium	150-2	7	0	17	8	107.84	cps
Nickel	60-2	79534	78666	78854	79018	0.58	cps
Phosphorus	31-2	83	92	92	89	5.41	cps
Potassium	39-2	344587	335781	339268	339879	1.30	cps
Rhodium	103-1	6004752	5929313	6099636	6011234	1.42	cps
Rhodium	103-2	2922931	2868821	2890464	2894072	0.94	cps
Scandium	45-1	4468390	4402699	4545790	4472293	1.60	cps
Scandium	45-2	201518	195049	196917	197828	1.68	cps
Selenium	77-2	1237	1260	1320	1272	3.38	cps
Selenium	78-2	4373	4349	4390	4370	0.47	cps
Selenium	82-1	28054	27073	27089	27406	2.05	cps
Silicon	28-1	2450454	2422788	2398727	2423989	1.07	cps
Silver	109-1	851948	838897	824660	838502	1.63	cps
Silver	107-1	892009	872919	868209	877712	1.44	cps
Sodium	23-2	670035	666575	663141	666584	0.52	cps
Strontium	86-1	1298496	1291068	1278876	1289480	0.77	cps
Strontium	88-1	11569935	11376219	11236478	11394211	1.47	cps
Sulfur	34-1	147945	141567	139143	142885	3.18	cps
Terbium	159-1	10478841	10394347	10784512	10552567	1.95	cps
Terbium	159-2	5654775	5503841	5575013	5577876	1.35	cps
Thallium	203-1	1834895	1827519	1811643	1824686	0.65	cps
Thallium	205-1	4403192	4397974	4372022	4391063	0.38	cps
Thorium	232-1	17520762	17709806	17580784	17603784	0.55	cps
Tin	118-1	3176464	3131322	3076910	3128232	1.59	cps
Titanium	47-1	2471855	2409934	2386631	2422807	1.82	cps
Uranium	238-1	17158948	17326150	17159111	17214736	0.56	cps
Vanadium	51-2	167583	164144	165010	165579	1.08	cps
Yttrium	89-1	7242399	7081955	7347427	7223927	1.85	cps
Yttrium	89-2	1127522	1105119	1113653	1115431	1.01	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 13:37:44	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	67853	67284	67304	67481	0.48	cps
Zirconium	90-1	6447899	6377729	6304669	6376766	1.12	cps
Zirconium	91-1	1415156	1411576	1397271	1408001	0.67	cps

LB Number : LB103176 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-03 13:41:21 DataFile Name : 013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	17	25	28	45.82	cps
Antimony	121-1	1033	1158	1092	1095	5.71	cps
Arsenic	75-2	15	7	4	9	65.47	cps
Barium	135-1	125	67	83	92	32.78	cps
Barium	137-1	158	58	117	111	45.21	cps
Beryllium	9-1	157	130	150	146	9.54	cps
Bismuth	209-1	7089091	7116785	7077467	7094448	0.28	cps
Bismuth	209-2	4307188	4375042	4413600	4365276	1.23	cps
Boron	10-1	3534	3209	3125	3289	6.56	cps
Boron	11-1	14841	14407	14282	14510	2.02	cps
Cadmium	111-1	1166	1162	1203	1177	1.89	cps
Cadmium	106-1	2250	2284	2350	2295	2.22	cps
Cadmium	108-1	13	13	8	11	21.67	cps
Calcium	43-1	117	158	108	128	20.96	cps
Calcium	44-1	6185	6227	6210	6207	0.34	cps
Chromium	52-2	617	573	553	581	5.57	cps
Cobalt	59-2	57	77	40	58	31.78	cps
Copper	63-2	330	323	337	330	2.02	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	3	0	10	4	114.60	cps
Erbium	164-1	50	33	25	36	35.25	cps
Erbium	164-2	13	10	7	10	33.30	cps
Gadolinium	160-1	33	58	17	36	58.08	cps
Gadolinium	160-2	160	127	137	141	12.12	cps
Holmium	165-1	10297172	10287361	10312200	10298911	0.12	cps
Holmium	165-2	5812855	5861414	5922317	5865529	0.94	cps
Indium	115-1	6888696	6810950	6843556	6847734	0.57	cps
Indium	115-2	1509218	1525145	1538013	1524125	0.95	cps
Iron	56-2	3639	3617	3656	3638	0.54	cps
Iron	57-2	139	133	156	143	8.11	cps
Krypton	83-1	223	193	187	201	9.71	cps
Lead	206-1	311	317	361	330	8.31	cps
Lead	207-1	272	250	211	244	12.65	cps
Lead	208-1	1339	1439	1239	1339	7.47	cps
Lithium	6-1	2557908	2564756	2563557	2562073	0.14	cps
Magnesium	24-2	367	408	400	392	5.63	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 13:41:21	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	43	43	43	43	0.00	cps
Molybdenum	94-1	1800	1775	1250	1608	19.31	cps
Molybdenum	95-1	2609	2425	1925	2320	15.25	cps
Molybdenum	96-1	2759	2400	2100	2420	13.62	cps
Molybdenum	97-1	1884	1167	1417	1489	24.43	cps
Molybdenum	98-1	4476	3751	3326	3851	15.11	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	53	67	53	58	13.33	cps
Phosphorus	31-2	117	58	83	86	33.98	cps
Potassium	39-2	10095	9512	9337	9648	4.12	cps
Rhodium	103-1	6051916	6051261	6061462	6054879	0.09	cps
Rhodium	103-2	2990719	3025120	3049194	3021678	0.97	cps
Scandium	45-1	4456196	4468748	4521530	4482158	0.77	cps
Scandium	45-2	203413	205825	207157	205465	0.92	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	41	41	30	37	17.32	cps
Selenium	82-1	350	359	310	339	7.67	cps
Silicon	28-1	127598	125615	126775	126663	0.79	cps
Silver	109-1	133	142	150	142	5.88	cps
Silver	107-1	158	117	117	131	18.43	cps
Sodium	23-2	9478	9312	9854	9548	2.91	cps
Strontium	86-1	433	367	300	367	18.18	cps
Strontium	88-1	1042	1033	992	1022	2.62	cps
Sulfur	34-1	151633	152414	152904	152317	0.42	cps
Terbium	159-1	10522528	10495145	10555554	10524409	0.29	cps
Terbium	159-2	5671421	5694683	5712851	5692985	0.36	cps
Thallium	203-1	842	625	683	717	15.64	cps
Thallium	205-1	1759	1617	1692	1689	4.20	cps
Thorium	232-1	3956	3473	3589	3673	6.87	cps
Tin	118-1	1533	1308	1592	1478	10.12	cps
Titanium	47-1	417	317	267	333	22.91	cps
Uranium	238-1	1667	1275	1000	1314	25.50	cps
Vanadium	51-2	13	7	17	12	41.65	cps
Yttrium	89-1	7211773	7187104	7205615	7201498	0.18	cps
Yttrium	89-2	1147675	1162418	1177809	1162634	1.30	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 13:41:21	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	197	223	207	209	6.45	cps
Zirconium	90-1	958	1192	1192	1114	12.09	cps
Zirconium	91-1	250	308	183	247	25.30	cps

LB Number : LB103176 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-03 13:44:58 DataFile Name : 014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6188063	6234319	6217148	6213177	0.38	cps
Antimony	121-1	9128	8836	8862	8942	1.81	cps
Arsenic	75-2	65	67	89	73	18.23	cps
Barium	135-1	2825	2959	2817	2867	2.77	cps
Barium	137-1	4601	4559	5068	4743	5.95	cps
Beryllium	9-1	427	543	537	502	13.05	cps
Bismuth	209-1	6223686	6270187	6268967	6254280	0.42	cps
Bismuth	209-2	3829839	3893106	3895098	3872681	0.96	cps
Boron	10-1	2509	2142	2259	2303	8.14	cps
Boron	11-1	10087	10129	9453	9890	3.83	cps
Cadmium	111-1	1963	1869	1669	1834	8.17	cps
Cadmium	106-1	1967	2050	1942	1986	2.86	cps
Cadmium	108-1	1375	1550	1550	1492	6.77	cps
Calcium	43-1	2057261	2069326	2054628	2060405	0.38	cps
Calcium	44-1	33492665	33541464	33601263	33545131	0.16	cps
Chromium	52-2	37591	37357	37665	37538	0.43	cps
Cobalt	59-2	3550	3557	3327	3478	3.76	cps
Copper	63-2	13890	14167	14734	14264	3.02	cps
Dysprosium	156-1	58	33	33	42	34.65	cps
Dysprosium	156-2	17	30	27	24	28.38	cps
Erbium	164-1	25	92	50	56	60.62	cps
Erbium	164-2	40	40	47	42	9.12	cps
Gadolinium	160-1	33	58	42	44	28.65	cps
Gadolinium	160-2	133	103	153	130	19.36	cps
Holmium	165-1	9814364	9827806	9833575	9825248	0.10	cps
Holmium	165-2	5532686	5572157	5613965	5572936	0.73	cps
Indium	115-1	6087879	6125458	6142207	6118515	0.45	cps
Indium	115-2	1363039	1382536	1376739	1374105	0.73	cps
Iron	56-2	152861959	152840526	153372609	153025031	0.20	cps
Iron	57-2	3847275	3875302	3880338	3867638	0.46	cps
Krypton	83-1	193	130	187	170	20.47	cps
Lead	206-1	32518	31900	32062	32160	1.00	cps
Lead	207-1	25013	24785	24512	24770	1.01	cps
Lead	208-1	119158	117340	117748	118082	0.81	cps
Lithium	6-1	2271728	2288713	2275406	2278616	0.39	cps
Magnesium	24-2	15180111	15299680	15224045	15234612	0.40	cps

LB Number : LB103176 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-03 13:44:58 DataFile Name : 014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	9466	9340	9360	9389	0.73	cps
Molybdenum	94-1	3521013	3549905	3521753	3530890	0.47	cps
Molybdenum	95-1	6231164	6241861	6228349	6233792	0.11	cps
Molybdenum	96-1	6699228	6681993	6718642	6699954	0.27	cps
Molybdenum	97-1	3868665	3848754	3850524	3855981	0.29	cps
Molybdenum	98-1	10068749	10116610	10104288	10096549	0.25	cps
Neodymium	150-1	27	13	13	18	43.33	cps
Neodymium	150-2	20	17	7	14	48.02	cps
Nickel	60-2	3784	3841	3801	3808	0.77	cps
Phosphorus	31-2	321533	328442	328243	326073	1.21	cps
Potassium	39-2	15228184	15366794	15235698	15276892	0.51	cps
Rhodium	103-1	5143222	5174758	5166786	5161589	0.32	cps
Rhodium	103-2	2580649	2608007	2618067	2602241	0.74	cps
Scandium	45-1	3991205	3987900	4005583	3994896	0.24	cps
Scandium	45-2	184088	186997	186895	185994	0.89	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	22	43	37	34	31.02	cps
Selenium	82-1	328	385	352	355	8.09	cps
Silicon	28-1	188811	191426	192692	190976	1.04	cps
Silver	109-1	275	308	275	286	6.73	cps
Silver	107-1	250	283	408	314	26.59	cps
Sodium	23-2	29539127	29736949	29646528	29640868	0.33	cps
Strontium	86-1	74912	73949	74377	74413	0.65	cps
Strontium	88-1	644464	647154	646424	646014	0.22	cps
Sulfur	34-1	3508819	3506949	3527666	3514478	0.33	cps
Terbium	159-1	9986320	9993079	9989779	9989726	0.03	cps
Terbium	159-2	5331763	5389536	5391563	5370954	0.63	cps
Thallium	203-1	1909	1984	1892	1928	2.53	cps
Thallium	205-1	4501	4559	5018	4693	6.03	cps
Thorium	232-1	1895	1522	1656	1691	11.16	cps
Tin	118-1	2075	2059	2125	2086	1.66	cps
Titanium	47-1	1799245	1805519	1815568	1806777	0.46	cps
Uranium	238-1	975	758	775	836	14.42	cps
Vanadium	51-2	257	330	317	301	12.97	cps
Yttrium	89-1	6575236	6631799	6592925	6599987	0.44	cps
Yttrium	89-2	1066459	1078272	1071917	1072216	0.55	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 13:44:58	DataFile Name :	014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	3494	3514	3477	3495	0.53	cps
Zirconium	90-1	942	1017	933	964	4.76	cps
Zirconium	91-1	200	250	158	203	22.63	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 13:48:35	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6431327	6497060	6504346	6477577	0.62	cps
Antimony	121-1	136247	135710	136154	136037	0.21	cps
Arsenic	75-2	4119	3838	3995	3984	3.54	cps
Barium	135-1	38671	41129	40059	39953	3.08	cps
Barium	137-1	67791	71568	68687	69348	2.85	cps
Beryllium	9-1	31550	30775	30768	31031	1.45	cps
Bismuth	209-1	6468845	6447531	6447662	6454679	0.19	cps
Bismuth	209-2	3912708	3958509	3964830	3945349	0.72	cps
Boron	10-1	16852	16701	16818	16790	0.47	cps
Boron	11-1	76654	75019	75842	75838	1.08	cps
Cadmium	111-1	33830	34113	33857	33933	0.46	cps
Cadmium	106-1	6944	6810	6752	6835	1.44	cps
Cadmium	108-1	4384	4505	4542	4477	1.85	cps
Calcium	43-1	2164257	2174208	2177327	2171931	0.31	cps
Calcium	44-1	35090251	35337192	35547478	35324974	0.65	cps
Chromium	52-2	76564	78102	77164	77277	1.00	cps
Cobalt	59-2	60230	62238	61357	61275	1.64	cps
Copper	63-2	52651	52812	52748	52737	0.15	cps
Dysprosium	156-1	58	17	25	33	66.14	cps
Dysprosium	156-2	20	37	23	27	33.08	cps
Erbium	164-1	67	92	50	69	30.20	cps
Erbium	164-2	33	40	40	38	10.19	cps
Gadolinium	160-1	50	42	108	67	54.49	cps
Gadolinium	160-2	157	180	147	161	10.62	cps
Holmium	165-1	10202111	10192483	10240375	10211656	0.25	cps
Holmium	165-2	5693534	5712604	5714027	5706722	0.20	cps
Indium	115-1	6445610	6403681	6412013	6420434	0.35	cps
Indium	115-2	1398628	1412353	1414246	1408409	0.61	cps
Iron	56-2	159294137	159583281	159547470	159474963	0.10	cps
Iron	57-2	4023843	4029665	4074571	4042693	0.69	cps
Krypton	83-1	210	173	177	187	10.86	cps
Lead	206-1	172216	173763	170775	172251	0.87	cps
Lead	207-1	142129	140646	141069	141281	0.54	cps
Lead	208-1	663547	661724	658071	661114	0.42	cps
Lithium	6-1	2358835	2368343	2382021	2369733	0.49	cps
Magnesium	24-2	15820761	15932638	15908618	15887339	0.37	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 13:48:35	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	33645	34938	34691	34425	1.99	cps
Molybdenum	94-1	4032412	4034786	4027792	4031663	0.09	cps
Molybdenum	95-1	6685807	6726401	6738381	6716863	0.41	cps
Molybdenum	96-1	7174619	7259170	7276916	7236902	0.76	cps
Molybdenum	97-1	4139822	4175469	4147992	4154428	0.45	cps
Molybdenum	98-1	10797184	10859141	10906913	10854413	0.51	cps
Neodymium	150-1	80	33	47	53	45.07	cps
Neodymium	150-2	17	13	7	12	41.65	cps
Nickel	60-2	17904	17788	17821	17838	0.34	cps
Phosphorus	31-2	339930	340252	346876	342353	1.15	cps
Potassium	39-2	15927808	15993867	15982536	15968070	0.22	cps
Rhodium	103-1	5445205	5415439	5421571	5427405	0.29	cps
Rhodium	103-2	2661534	2674107	2681372	2672337	0.38	cps
Scandium	45-1	4259024	4234778	4301923	4265241	0.80	cps
Scandium	45-2	191321	194039	193803	193054	0.78	cps
Selenium	77-2	87	87	97	90	6.41	cps
Selenium	78-2	437	428	493	452	7.75	cps
Selenium	82-1	2585	2754	2722	2687	3.34	cps
Silicon	28-1	434177	440434	437838	437483	0.72	cps
Silver	109-1	140980	140794	141257	141010	0.17	cps
Silver	107-1	146299	148674	148579	147851	0.91	cps
Sodium	23-2	30795016	31058872	30844899	30899595	0.45	cps
Strontium	86-1	230630	231409	230877	230972	0.17	cps
Strontium	88-1	2012638	2023712	2010689	2015680	0.35	cps
Sulfur	34-1	3747225	3732609	3725405	3735079	0.30	cps
Terbium	159-1	10348126	10435985	10471830	10418647	0.61	cps
Terbium	159-2	5488197	5524169	5531807	5514725	0.42	cps
Thallium	203-1	170268	171187	171399	170951	0.35	cps
Thallium	205-1	410911	414667	403499	409692	1.39	cps
Thorium	232-1	10221	10354	9910	10162	2.25	cps
Tin	118-1	321089	322021	322523	321878	0.23	cps
Titanium	47-1	1956359	1960029	1959747	1958712	0.10	cps
Uranium	238-1	1803526	1813281	1799291	1805366	0.40	cps
Vanadium	51-2	32128	32433	32633	32398	0.78	cps
Yttrium	89-1	6983607	6946910	6944391	6958303	0.32	cps
Yttrium	89-2	1098969	1104075	1112323	1105122	0.61	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 13:48:35	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	9903	10110	9667	9893	2.24	cps
Zirconium	90-1	656336	650602	658227	655055	0.61	cps
Zirconium	91-1	147015	149254	147485	147918	0.80	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	CCV41	Instrumnet Name :	P7
Client Sample ID :	CCV41	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 13:52:13	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3721456	3724397	3725827	3723893	0.06	cps
Antimony	121-1	3178737	3178082	3150145	3168988	0.52	cps
Arsenic	75-2	100682	100690	100579	100650	0.06	cps
Barium	135-1	4650552	4657089	4630572	4646071	0.30	cps
Barium	137-1	8240343	8262942	8200263	8234516	0.39	cps
Beryllium	9-1	749958	745705	744136	746599	0.40	cps
Bismuth	209-1	6212412	6252078	6287447	6250646	0.60	cps
Bismuth	209-2	3774343	3809638	3816964	3800315	0.60	cps
Boron	10-1	113339	114825	115573	114579	0.99	cps
Boron	11-1	502947	516648	514026	511207	1.42	cps
Cadmium	111-1	864189	859914	851388	858497	0.76	cps
Cadmium	106-1	99389	98448	94464	97434	2.68	cps
Cadmium	108-1	66443	65434	65409	65762	0.90	cps
Calcium	43-1	5314553	5299803	5259298	5291218	0.54	cps
Calcium	44-1	85326044	85557508	84809333	85230962	0.45	cps
Chromium	52-2	939355	944846	944273	942825	0.32	cps
Cobalt	59-2	1385837	1397438	1388092	1390456	0.44	cps
Copper	63-2	1982815	1990169	1991499	1988161	0.24	cps
Dysprosium	156-1	83	50	133	89	47.19	cps
Dysprosium	156-2	117	97	80	98	18.78	cps
Erbium	164-1	25	17	33	25	33.32	cps
Erbium	164-2	17	17	30	21	36.45	cps
Gadolinium	160-1	75	33	58	56	37.75	cps
Gadolinium	160-2	140	150	147	146	3.50	cps
Holmium	165-1	10149266	10331238	10123131	10201212	1.11	cps
Holmium	165-2	5617881	5658721	5684105	5653569	0.59	cps
Indium	115-1	6213051	6222426	6218654	6218044	0.08	cps
Indium	115-2	1353388	1362526	1382775	1366230	1.10	cps
Iron	56-2	191037965	191771665	191356343	191388658	0.19	cps
Iron	57-2	4861309	4860204	4850034	4857182	0.13	cps
Krypton	83-1	153	177	157	162	7.78	cps
Lead	206-1	3327454	3342249	3353109	3340937	0.39	cps
Lead	207-1	3016726	3025526	3017668	3019974	0.16	cps
Lead	208-1	13601819	13605751	13635768	13614446	0.14	cps
Lithium	6-1	2325730	2339750	2324641	2330040	0.36	cps
Magnesium	24-2	37638351	37717087	37698471	37684636	0.11	cps

LB Number : LB103176 Operator : Jaswal
 Lab Sample ID : CCV41 Instrumnet Name : P7
 Client Sample ID : CCV41 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-03 13:52:13 DataFile Name : 016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1217843	1225486	1220605	1221311	0.32	cps
Molybdenum	94-1	6969753	6942754	6920049	6944185	0.36	cps
Molybdenum	95-1	8463391	8416018	8328555	8402655	0.81	cps
Molybdenum	96-1	9362723	9325339	9285436	9324499	0.41	cps
Molybdenum	97-1	5352223	5311406	5282903	5315511	0.66	cps
Molybdenum	98-1	13564767	13549273	13495861	13536633	0.27	cps
Neodymium	150-1	453	520	427	467	10.30	cps
Neodymium	150-2	40	63	37	47	31.13	cps
Nickel	60-2	337143	340786	337999	338642	0.56	cps
Phosphorus	31-2	34115	33973	34249	34112	0.40	cps
Potassium	39-2	19845255	19936553	19821853	19867887	0.31	cps
Rhodium	103-1	5187722	5221875	5179844	5196480	0.43	cps
Rhodium	103-2	2526896	2558910	2567395	2551067	0.84	cps
Scandium	45-1	4174785	4238949	4179352	4197695	0.85	cps
Scandium	45-2	189900	191588	192679	191389	0.73	cps
Selenium	77-2	2927	2937	2724	2863	4.21	cps
Selenium	78-2	9955	9835	10124	9971	1.46	cps
Selenium	82-1	61231	61083	60583	60966	0.56	cps
Silicon	28-1	2381201	2406051	2384664	2390639	0.56	cps
Silver	109-1	3818747	3808009	3803921	3810226	0.20	cps
Silver	107-1	3993207	3986199	3971057	3983487	0.28	cps
Sodium	23-2	74737089	74614304	74267402	74539598	0.33	cps
Strontium	86-1	1145205	1129102	1123064	1132457	1.01	cps
Strontium	88-1	10024742	9967217	9924426	9972128	0.50	cps
Sulfur	34-1	507642	508020	507745	507802	0.04	cps
Terbium	159-1	10287840	10358647	10315104	10320531	0.35	cps
Terbium	159-2	5449000	5434630	5490298	5457976	0.53	cps
Thallium	203-1	4130350	4130050	4109905	4123435	0.28	cps
Thallium	205-1	9950128	10041677	10083290	10025032	0.68	cps
Thorium	232-1	16992993	17115185	17094641	17067606	0.38	cps
Tin	118-1	2825949	2825127	2823529	2824868	0.04	cps
Titanium	47-1	2391141	2382321	2359772	2377745	0.68	cps
Uranium	238-1	16561038	16585340	16617630	16588003	0.17	cps
Vanadium	51-2	802106	805950	801363	803140	0.31	cps
Yttrium	89-1	6822752	6838044	6842797	6834531	0.15	cps
Yttrium	89-2	1075138	1087055	1092068	1084753	0.80	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	CCV41	Instrumnet Name :	P7
Client Sample ID :	CCV41	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 13:52:13	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	315541	319368	319083	317997	0.67	cps
Zirconium	90-1	6028090	5953554	5968286	5983310	0.66	cps
Zirconium	91-1	1328445	1310037	1316798	1318427	0.71	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P7
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 14:08:32	DataFile Name :	017LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1433	1483	1784	1567	12.08	cps
Antimony	121-1	13941	14466	14391	14266	1.99	cps
Arsenic	75-2	243	226	211	227	6.95	cps
Barium	135-1	19656	19072	19122	19284	1.68	cps
Barium	137-1	34594	34477	33826	34299	1.21	cps
Beryllium	9-1	1827	1807	1967	1867	4.67	cps
Bismuth	209-1	7123749	7137362	7122941	7128017	0.11	cps
Bismuth	209-2	4363562	4405484	4445543	4404863	0.93	cps
Boron	10-1	7019	7352	7344	7238	2.63	cps
Boron	11-1	32628	33196	32720	32848	0.93	cps
Cadmium	111-1	2930	2878	2924	2911	0.98	cps
Cadmium	106-1	2592	2300	2367	2420	6.32	cps
Cadmium	108-1	113	133	108	118	11.35	cps
Calcium	43-1	11430	11488	12089	11669	3.13	cps
Calcium	44-1	198888	199166	203431	200495	1.27	cps
Chromium	52-2	4964	4547	4758	4756	4.38	cps
Cobalt	59-2	3244	3274	3337	3285	1.45	cps
Copper	63-2	4914	4801	4888	4868	1.22	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	50	8	25	28	75.51	cps
Erbium	164-2	17	17	20	18	10.81	cps
Gadolinium	160-1	8	50	33	31	68.64	cps
Gadolinium	160-2	140	137	110	129	12.76	cps
Holmium	165-1	10645958	10542266	10607698	10598641	0.49	cps
Holmium	165-2	5944772	5987454	6039021	5990416	0.79	cps
Indium	115-1	7152039	7133927	7146101	7144022	0.13	cps
Indium	115-2	1571391	1591693	1605231	1589438	1.07	cps
Iron	56-2	100083	101314	103289	101562	1.59	cps
Iron	57-2	2800	2739	2750	2763	1.18	cps
Krypton	83-1	160	207	160	176	15.35	cps
Lead	206-1	7458	7308	7085	7284	2.57	cps
Lead	207-1	6318	6474	6218	6337	2.03	cps
Lead	208-1	29875	29742	28896	29504	1.80	cps
Lithium	6-1	2693631	2694941	2695774	2694782	0.04	cps
Magnesium	24-2	90674	90801	91931	91135	0.76	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P7
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 14:08:32	DataFile Name :	017LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1433	1500	1610	1515	5.89	cps
Molybdenum	94-1	15959	15309	14984	15417	3.22	cps
Molybdenum	95-1	19030	18129	18830	18663	2.53	cps
Molybdenum	96-1	21367	21308	20365	21013	2.68	cps
Molybdenum	97-1	12197	11914	11447	11853	3.20	cps
Molybdenum	98-1	30734	29732	29924	30130	1.77	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	880	983	950	938	5.62	cps
Phosphorus	31-2	283	333	292	303	8.85	cps
Potassium	39-2	97839	97988	98375	98068	0.28	cps
Rhodium	103-1	6404190	6388413	6355401	6382668	0.39	cps
Rhodium	103-2	3107922	3147333	3171465	3142240	1.02	cps
Scandium	45-1	4796907	4767190	4823228	4795775	0.58	cps
Scandium	45-2	215838	219271	218747	217952	0.85	cps
Selenium	77-2	50	53	20	41	44.65	cps
Selenium	78-2	191	170	181	181	5.64	cps
Selenium	82-1	1088	1050	1180	1106	6.01	cps
Silicon	28-1	167477	167140	166199	166939	0.40	cps
Silver	109-1	7261	7302	6969	7177	2.53	cps
Silver	107-1	7569	7369	7794	7577	2.81	cps
Sodium	23-2	178238	175979	177680	177299	0.66	cps
Strontium	86-1	2950	2859	2642	2817	5.62	cps
Strontium	88-1	20507	20983	20757	20749	1.15	cps
Sulfur	34-1	176585	175126	176357	176023	0.45	cps
Terbium	159-1	10771312	10804892	10811377	10795860	0.20	cps
Terbium	159-2	5823827	5814684	5886244	5841585	0.67	cps
Thallium	203-1	8903	8336	8670	8637	3.30	cps
Thallium	205-1	21735	21034	21184	21318	1.73	cps
Thorium	232-1	31550	31678	31182	31470	0.82	cps
Tin	118-1	31878	33474	31636	32330	3.09	cps
Titanium	47-1	5468	5626	5293	5462	3.05	cps
Uranium	238-1	30562	29493	31105	30387	2.70	cps
Vanadium	51-2	9206	8966	8909	9027	1.75	cps
Yttrium	89-1	7638367	7629730	7617827	7628641	0.14	cps
Yttrium	89-2	1202748	1220551	1232888	1218729	1.24	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P7
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 14:08:32	DataFile Name :	017LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	840	950	940	910	6.68	cps
Zirconium	90-1	12381	12773	12014	12389	3.06	cps
Zirconium	91-1	2934	3042	2584	2853	8.40	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	CCB41	Instrumnet Name :	P7
Client Sample ID :	CCB41	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 14:12:07	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	25	108	69	60.40	cps
Antimony	121-1	342	317	292	317	7.90	cps
Arsenic	75-2	7	2	6	5	57.32	cps
Barium	135-1	50	58	50	53	9.12	cps
Barium	137-1	67	75	75	72	6.66	cps
Beryllium	9-1	110	123	83	106	19.29	cps
Bismuth	209-1	7187298	7327372	7389111	7301260	1.42	cps
Bismuth	209-2	4452452	4443584	4376851	4424295	0.93	cps
Boron	10-1	1442	1750	1792	1661	11.51	cps
Boron	11-1	7711	7194	6810	7238	6.24	cps
Cadmium	111-1	1072	1300	1261	1211	10.05	cps
Cadmium	106-1	2100	2559	2484	2381	10.33	cps
Cadmium	108-1	4	13	8	8	49.98	cps
Calcium	43-1	42	100	217	119	74.60	cps
Calcium	44-1	6469	6835	6952	6752	3.74	cps
Chromium	52-2	547	523	700	590	16.27	cps
Cobalt	59-2	83	63	43	63	31.59	cps
Copper	63-2	510	403	423	446	12.73	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	0	10	3	4	114.60	cps
Erbium	164-1	25	17	33	25	33.32	cps
Erbium	164-2	13	13	20	16	24.76	cps
Gadolinium	160-1	8	42	17	22	78.07	cps
Gadolinium	160-2	130	117	207	151	32.14	cps
Holmium	165-1	10702751	10885350	10830521	10806207	0.87	cps
Holmium	165-2	6025618	6039919	5936104	6000547	0.94	cps
Indium	115-1	7244006	7391437	7363893	7333112	1.07	cps
Indium	115-2	1596357	1615046	1601985	1604463	0.60	cps
Iron	56-2	5790	4579	4829	5066	12.63	cps
Iron	57-2	217	161	156	178	19.01	cps
Krypton	83-1	173	223	180	192	14.12	cps
Lead	206-1	378	356	394	376	5.19	cps
Lead	207-1	328	294	394	339	15.02	cps
Lead	208-1	1406	1500	1550	1485	4.94	cps
Lithium	6-1	2729265	2759915	2768722	2752634	0.75	cps
Magnesium	24-2	667	558	525	583	12.70	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	CCB41	Instrumnet Name :	P7
Client Sample ID :	CCB41	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 14:12:07	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	53	57	27	46	36.09	cps
Molybdenum	94-1	417	417	517	450	12.83	cps
Molybdenum	95-1	283	325	392	333	16.39	cps
Molybdenum	96-1	400	400	417	406	2.37	cps
Molybdenum	97-1	150	142	208	167	21.79	cps
Molybdenum	98-1	508	608	617	578	10.43	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	80	60	83	74	16.95	cps
Phosphorus	31-2	50	117	125	97	42.28	cps
Potassium	39-2	10462	10379	10279	10373	0.89	cps
Rhodium	103-1	6444787	6616666	6612814	6558089	1.50	cps
Rhodium	103-2	3191375	3194767	3168934	3185025	0.44	cps
Scandium	45-1	4862849	4940146	4983343	4928779	1.24	cps
Scandium	45-2	222218	222518	218493	221077	1.01	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	54	43	44	47	12.69	cps
Selenium	82-1	343	283	299	308	10.05	cps
Silicon	28-1	124128	124516	124448	124364	0.17	cps
Silver	109-1	58	100	67	75	29.39	cps
Silver	107-1	125	142	158	142	11.76	cps
Sodium	23-2	9228	8753	8328	8770	5.14	cps
Strontium	86-1	375	258	275	303	20.84	cps
Strontium	88-1	108	142	242	164	42.34	cps
Sulfur	34-1	175522	176382	180877	177594	1.62	cps
Terbium	159-1	10851029	11166163	11096276	11037822	1.50	cps
Terbium	159-2	5887531	5860752	5797504	5848596	0.79	cps
Thallium	203-1	450	467	458	458	1.82	cps
Thallium	205-1	983	1092	1067	1047	5.42	cps
Thorium	232-1	706	717	633	685	6.60	cps
Tin	118-1	808	833	967	870	9.79	cps
Titanium	47-1	92	92	83	89	5.41	cps
Uranium	238-1	158	200	208	189	14.18	cps
Vanadium	51-2	17	10	27	18	47.19	cps
Yttrium	89-1	7712091	7904401	7873412	7829968	1.32	cps
Yttrium	89-2	1225050	1235926	1219511	1226829	0.68	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	CCB41	Instrumnet Name :	P7
Client Sample ID :	CCB41	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 14:12:07	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	303	200	240	248	21.03	cps
Zirconium	90-1	825	717	792	778	7.13	cps
Zirconium	91-1	83	167	100	117	37.79	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 14:15:43	DataFile Name :	019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1725	1717	1633	1692	3.00	cps
Antimony	121-1	14066	13974	13107	13716	3.86	cps
Arsenic	75-2	269	207	231	236	13.05	cps
Barium	135-1	20733	20357	20967	20686	1.49	cps
Barium	137-1	36031	35471	35521	35675	0.87	cps
Beryllium	9-1	1803	1960	1797	1853	4.99	cps
Bismuth	209-1	7295373	7307736	7319359	7307489	0.16	cps
Bismuth	209-2	4572752	4465816	4318674	4452414	2.87	cps
Boron	10-1	7661	7269	7185	7372	3.44	cps
Boron	11-1	31100	33463	33705	32756	4.39	cps
Cadmium	111-1	3357	3131	2994	3161	5.79	cps
Cadmium	106-1	3009	2534	2417	2653	11.82	cps
Cadmium	108-1	188	117	146	150	23.73	cps
Calcium	43-1	12347	12548	12314	12403	1.02	cps
Calcium	44-1	207815	208213	207619	207882	0.15	cps
Chromium	52-2	5161	5014	5028	5068	1.60	cps
Cobalt	59-2	3390	3527	3464	3460	1.98	cps
Copper	63-2	4941	4627	5041	4870	4.43	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	25	17	50	31	56.77	cps
Erbium	164-2	30	23	23	26	15.07	cps
Gadolinium	160-1	42	25	8	25	66.68	cps
Gadolinium	160-2	140	143	160	148	7.25	cps
Holmium	165-1	10836935	10770259	10911480	10839558	0.65	cps
Holmium	165-2	6235076	6068699	5845355	6049710	3.23	cps
Indium	115-1	7335379	7345902	7442739	7374673	0.80	cps
Indium	115-2	1667830	1618504	1570219	1618851	3.01	cps
Iron	56-2	103921	105672	105627	105074	0.95	cps
Iron	57-2	2723	2606	2489	2606	4.48	cps
Krypton	83-1	183	127	197	169	22.01	cps
Lead	206-1	7552	7563	7408	7508	1.16	cps
Lead	207-1	6413	6635	6235	6428	3.12	cps
Lead	208-1	29964	30370	29319	29884	1.77	cps
Lithium	6-1	2762785	2758969	2774641	2765465	0.30	cps
Magnesium	24-2	95345	94833	93676	94618	0.90	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 14:15:43	DataFile Name :	019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1580	1477	1500	1519	3.57	cps
Molybdenum	94-1	15935	15843	15359	15712	1.97	cps
Molybdenum	95-1	19556	18963	18963	19161	1.79	cps
Molybdenum	96-1	20816	21784	21208	21269	2.29	cps
Molybdenum	97-1	12272	12072	12014	12119	1.12	cps
Molybdenum	98-1	31352	30901	29941	30731	2.35	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	900	923	967	930	3.64	cps
Phosphorus	31-2	308	325	225	286	18.73	cps
Potassium	39-2	102703	101396	102259	102119	0.65	cps
Rhodium	103-1	6589332	6567597	6645485	6600805	0.61	cps
Rhodium	103-2	3303722	3206954	3127205	3212627	2.75	cps
Scandium	45-1	4949099	4943539	5005890	4966176	0.69	cps
Scandium	45-2	230817	223446	219085	224449	2.64	cps
Selenium	77-2	20	27	23	23	14.29	cps
Selenium	78-2	161	124	161	149	14.37	cps
Selenium	82-1	994	1044	1022	1020	2.42	cps
Silicon	28-1	173529	173420	172701	173217	0.26	cps
Silver	109-1	7519	7160	7711	7463	3.74	cps
Silver	107-1	7736	7794	7711	7747	0.55	cps
Sodium	23-2	185728	183907	183830	184488	0.58	cps
Strontium	86-1	2609	2700	2592	2634	2.22	cps
Strontium	88-1	21509	22352	22952	22271	3.26	cps
Sulfur	34-1	185059	185641	186089	185596	0.28	cps
Terbium	159-1	11039253	11040049	11157008	11078770	0.61	cps
Terbium	159-2	6061812	5858650	5695989	5872150	3.12	cps
Thallium	203-1	8737	8645	9112	8831	2.80	cps
Thallium	205-1	21802	21051	20867	21240	2.33	cps
Thorium	232-1	31634	31410	31344	31462	0.48	cps
Tin	118-1	33207	32914	33232	33118	0.53	cps
Titanium	47-1	5710	5410	5860	5660	4.05	cps
Uranium	238-1	31147	30578	29894	30540	2.05	cps
Vanadium	51-2	9737	9473	9810	9673	1.83	cps
Yttrium	89-1	7843457	7858107	7923767	7875110	0.54	cps
Yttrium	89-2	1290546	1252103	1210416	1251022	3.20	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 14:15:43	DataFile Name :	019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	987	787	1037	937	14.12	cps
Zirconium	90-1	12631	13523	12539	12898	4.22	cps
Zirconium	91-1	2842	3117	3075	3012	4.92	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	PB120265BL	Instrumnet Name :	P7
Client Sample ID :	PB120265BL	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 14:19:19	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	50	67	47	44.41	cps
Antimony	121-1	125	167	183	158	18.97	cps
Arsenic	75-2	6	4	0	3	91.69	cps
Barium	135-1	42	33	25	33	25.01	cps
Barium	137-1	58	67	92	72	24.02	cps
Beryllium	9-1	100	93	93	96	4.02	cps
Bismuth	209-1	7276874	7290751	7257872	7275166	0.23	cps
Bismuth	209-2	4466866	4472820	4495331	4478339	0.34	cps
Boron	10-1	1375	1342	1258	1325	4.54	cps
Boron	11-1	6385	5251	5476	5704	10.52	cps
Cadmium	111-1	1285	1281	1206	1257	3.54	cps
Cadmium	106-1	2542	2534	2409	2495	2.99	cps
Cadmium	108-1	4	4	4	4	0.00	cps
Calcium	43-1	100	117	133	117	14.28	cps
Calcium	44-1	6485	6685	6952	6708	3.49	cps
Chromium	52-2	600	627	567	598	5.03	cps
Cobalt	59-2	60	50	73	61	19.15	cps
Copper	63-2	357	350	367	358	2.35	cps
Dysprosium	156-1	0	17	8	8	100.02	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Erbium	164-1	42	50	33	42	20.00	cps
Erbium	164-2	0	17	20	12	87.67	cps
Gadolinium	160-1	42	17	25	28	45.82	cps
Gadolinium	160-2	130	153	137	140	8.59	cps
Holmium	165-1	10763352	10725383	10781377	10756704	0.27	cps
Holmium	165-2	6086113	6070668	6081748	6079509	0.13	cps
Indium	115-1	7360637	7385836	7366067	7370847	0.18	cps
Indium	115-2	1634570	1619368	1635074	1629671	0.55	cps
Iron	56-2	3651	3951	3584	3728	5.24	cps
Iron	57-2	133	167	128	143	14.75	cps
Krypton	83-1	147	227	167	180	23.13	cps
Lead	206-1	283	233	222	246	13.22	cps
Lead	207-1	206	250	211	222	10.90	cps
Lead	208-1	1000	1161	1095	1085	7.46	cps
Lithium	6-1	2771399	2766201	2770483	2769361	0.10	cps
Magnesium	24-2	433	400	350	394	10.63	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	PB120265BL	Instrumnet Name :	P7
Client Sample ID :	PB120265BL	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 14:19:19	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	50	30	67	49	37.55	cps
Molybdenum	94-1	308	417	258	328	24.69	cps
Molybdenum	95-1	225	192	200	206	8.44	cps
Molybdenum	96-1	250	233	192	225	13.35	cps
Molybdenum	97-1	92	117	150	119	24.50	cps
Molybdenum	98-1	267	350	383	333	18.03	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	117	70	83	90	26.71	cps
Phosphorus	31-2	58	100	117	92	32.77	cps
Potassium	39-2	10746	11355	10512	10871	4.00	cps
Rhodium	103-1	6640220	6616382	6658173	6638258	0.32	cps
Rhodium	103-2	3241542	3213747	3228040	3227776	0.43	cps
Scandium	45-1	4995098	4964081	5021277	4993485	0.57	cps
Scandium	45-2	225729	223493	227898	225707	0.98	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	39	44	35	40	11.78	cps
Selenium	82-1	356	252	274	294	18.55	cps
Silicon	28-1	127069	124986	128372	126809	1.35	cps
Silver	109-1	100	58	42	67	45.06	cps
Silver	107-1	83	158	125	122	30.74	cps
Sodium	23-2	8069	7519	7344	7644	4.95	cps
Strontium	86-1	317	258	350	308	15.05	cps
Strontium	88-1	200	125	58	128	55.46	cps
Sulfur	34-1	184201	184951	186536	185229	0.64	cps
Terbium	159-1	11028472	11078217	11052831	11053173	0.23	cps
Terbium	159-2	5985647	5925781	5944480	5951969	0.51	cps
Thallium	203-1	425	325	225	325	30.77	cps
Thallium	205-1	842	942	892	892	5.61	cps
Thorium	232-1	428	378	461	422	9.93	cps
Tin	118-1	2124	817	783	1241	61.59	cps
Titanium	47-1	108	108	83	100	14.43	cps
Uranium	238-1	92	158	117	122	27.56	cps
Vanadium	51-2	10	3	17	10	66.70	cps
Yttrium	89-1	7896121	7894536	7907589	7899416	0.09	cps
Yttrium	89-2	1256699	1242484	1252364	1250516	0.58	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	PB120265BL	Instrumnet Name :	P7
Client Sample ID :	PB120265BL	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 14:19:19	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	273	203	237	238	14.72	cps
Zirconium	90-1	658	742	717	706	6.06	cps
Zirconium	91-1	150	183	150	161	11.94	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	PB120265BS	Instrumnet Name :	P7
Client Sample ID :	PB120265BS	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 14:22:56	DataFile Name :	021LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	720676	713950	720112	718246	0.52	cps
Antimony	121-1	3448219	3436305	3417788	3434104	0.45	cps
Arsenic	75-2	104464	104990	106400	105285	0.95	cps
Barium	135-1	4977643	4827285	4936434	4913787	1.58	cps
Barium	137-1	8628873	8618653	8602369	8616632	0.16	cps
Beryllium	9-1	821072	812396	800246	811238	1.29	cps
Bismuth	209-1	6961707	7077204	6961343	7000085	0.95	cps
Bismuth	209-2	4546131	4441280	3814164	4267192	9.28	cps
Boron	10-1	120997	123424	124669	123030	1.52	cps
Boron	11-1	531843	543541	552431	542605	1.90	cps
Cadmium	111-1	882801	881535	871591	878642	0.70	cps
Cadmium	106-1	101714	98600	97501	99272	2.20	cps
Cadmium	108-1	67125	69159	68268	68184	1.50	cps
Calcium	43-1	1153854	1148861	1130065	1144260	1.10	cps
Calcium	44-1	18713262	18731743	18501119	18648708	0.69	cps
Chromium	52-2	981941	981007	992720	985223	0.66	cps
Cobalt	59-2	1487757	1484196	1497597	1489850	0.47	cps
Copper	63-2	1950440	1949014	1955780	1951745	0.18	cps
Dysprosium	156-1	108	67	108	94	25.47	cps
Dysprosium	156-2	107	97	93	99	7.02	cps
Erbium	164-1	42	50	33	42	20.00	cps
Erbium	164-2	10	17	33	20	60.08	cps
Gadolinium	160-1	50	25	108	61	69.98	cps
Gadolinium	160-2	160	127	153	147	12.03	cps
Holmium	165-1	10655156	10750107	10627547	10677603	0.60	cps
Holmium	165-2	6392334	6173960	5311750	5959348	9.59	cps
Indium	115-1	6742845	6828256	6689592	6753564	1.04	cps
Indium	115-2	1573805	1537910	1317238	1476318	9.41	cps
Iron	56-2	41599740	41495056	41881741	41658846	0.48	cps
Iron	57-2	1051256	1042864	1056960	1050360	0.68	cps
Krypton	83-1	190	157	193	180	11.26	cps
Lead	206-1	3605104	3555295	3546670	3569023	0.88	cps
Lead	207-1	3249942	3218050	3225305	3231099	0.52	cps
Lead	208-1	14655409	14535046	14557935	14582797	0.44	cps
Lithium	6-1	2538089	2536392	2482117	2518866	1.26	cps
Magnesium	24-2	8253698	8236265	8259685	8249883	0.15	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	PB120265BS	Instrumnet Name :	P7
Client Sample ID :	PB120265BS	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 14:22:56	DataFile Name :	021LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1279152	1279172	1291234	1283186	0.54	cps
Molybdenum	94-1	7309112	7236096	7195126	7246778	0.80	cps
Molybdenum	95-1	8871955	8787107	8700830	8786631	0.97	cps
Molybdenum	96-1	9789453	9784442	9746890	9773595	0.24	cps
Molybdenum	97-1	5579442	5573608	5522818	5558623	0.56	cps
Molybdenum	98-1	14243349	14198092	14112204	14184548	0.47	cps
Neodymium	150-1	360	307	353	340	8.55	cps
Neodymium	150-2	33	37	47	39	17.85	cps
Nickel	60-2	367240	366867	374022	369376	1.09	cps
Phosphorus	31-2	36646	35602	36822	36357	1.81	cps
Potassium	39-2	4124494	4119339	4131850	4125228	0.15	cps
Rhodium	103-1	5881095	5874089	5766660	5840614	1.10	cps
Rhodium	103-2	3032617	2980382	2553630	2855543	9.20	cps
Scandium	45-1	4493227	4584067	4441544	4506280	1.60	cps
Scandium	45-2	213374	209170	177386	199977	9.84	cps
Selenium	77-2	3127	3057	3164	3116	1.74	cps
Selenium	78-2	10408	10217	10500	10375	1.39	cps
Selenium	82-1	65644	64799	64049	64831	1.23	cps
Silicon	28-1	2602526	2588568	2588262	2593119	0.31	cps
Silver	109-1	3967066	3973516	3933055	3957879	0.55	cps
Silver	107-1	4126304	4080365	4079562	4095410	0.65	cps
Sodium	23-2	16028160	15941439	16004960	15991520	0.28	cps
Strontium	86-1	1195406	1176171	1176881	1182819	0.92	cps
Strontium	88-1	10457154	10454949	10328871	10413658	0.71	cps
Sulfur	34-1	551913	543149	534268	543110	1.62	cps
Terbium	159-1	10873944	10910275	10717410	10833876	0.95	cps
Terbium	159-2	6134764	5975660	5147248	5752557	9.22	cps
Thallium	203-1	4406286	4408270	4400337	4404964	0.09	cps
Thallium	205-1	10786504	10729011	10759928	10758481	0.27	cps
Thorium	232-1	17514355	17617494	17493909	17541919	0.38	cps
Tin	118-1	3045618	3016468	3002836	3021641	0.72	cps
Titanium	47-1	2509979	2492856	2459447	2487428	1.03	cps
Uranium	238-1	16972110	16941619	17066602	16993444	0.38	cps
Vanadium	51-2	826386	829077	830679	828714	0.26	cps
Yttrium	89-1	7282461	7356464	7205208	7281377	1.04	cps
Yttrium	89-2	1215826	1195286	1018505	1143206	9.49	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	PB120265BS	Instrumnet Name :	P7
Client Sample ID :	PB120265BS	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 14:22:56	DataFile Name :	021LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	311707	317238	315583	314843	0.90	cps
Zirconium	90-1	6256261	6248347	6207606	6237405	0.42	cps
Zirconium	91-1	1389910	1377354	1354258	1373840	1.32	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3038-01	Instrumnet Name :	P7
Client Sample ID :	LF012RW035-190522	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 14:26:32	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7936	8061	7827	7941	1.47	cps
Antimony	121-1	37342	34911	32831	35028	6.45	cps
Arsenic	75-2	6831	7104	6737	6891	2.76	cps
Barium	135-1	403529	400674	397960	400721	0.70	cps
Barium	137-1	702325	691408	693866	695866	0.82	cps
Beryllium	9-1	177	253	240	223	18.34	cps
Bismuth	209-1	6867719	6706370	6759558	6777883	1.21	cps
Bismuth	209-2	3926437	3958877	3909206	3931507	0.64	cps
Boron	10-1	70758	72097	70523	71126	1.19	cps
Boron	11-1	325345	322963	322704	323671	0.45	cps
Cadmium	111-1	1514	1337	1338	1397	7.30	cps
Cadmium	106-1	2292	2125	2059	2159	5.57	cps
Cadmium	108-1	33	54	17	35	54.11	cps
Calcium	43-1	4727464	4666895	4683165	4692508	0.67	cps
Calcium	44-1	76557556	75434489	75861160	75951068	0.75	cps
Chromium	52-2	5038	4908	4587	4844	4.78	cps
Cobalt	59-2	4864	5241	5391	5165	5.25	cps
Copper	63-2	7099	7362	7435	7299	2.43	cps
Dysprosium	156-1	458	417	350	408	13.38	cps
Dysprosium	156-2	190	203	220	204	7.35	cps
Erbium	164-1	275	300	425	333	24.11	cps
Erbium	164-2	187	183	187	186	1.04	cps
Gadolinium	160-1	375	325	317	339	9.31	cps
Gadolinium	160-2	317	383	347	349	9.57	cps
Holmium	165-1	10021254	9913822	10123585	10019554	1.05	cps
Holmium	165-2	5447844	5456463	5409244	5437851	0.46	cps
Indium	115-1	6421860	6319036	6334751	6358549	0.87	cps
Indium	115-2	1347503	1338418	1330104	1338675	0.65	cps
Iron	56-2	8999674	8997143	8901171	8965996	0.63	cps
Iron	57-2	245701	249740	245684	247042	0.95	cps
Krypton	83-1	240	140	113	164	40.61	cps
Lead	206-1	8720	7719	7102	7847	10.40	cps
Lead	207-1	7636	6452	5940	6676	13.03	cps
Lead	208-1	34429	30164	27751	30782	10.99	cps
Lithium	6-1	2633768	2648550	2667362	2649893	0.64	cps
Magnesium	24-2	3428903	3430844	3382243	3413997	0.81	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3038-01	Instrumnet Name :	P7
Client Sample ID :	LF012RW035-190522	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 14:26:32	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	632259	633530	627066	630952	0.54	cps
Molybdenum	94-1	7586	7686	7260	7511	2.96	cps
Molybdenum	95-1	8995	8670	8495	8720	2.91	cps
Molybdenum	96-1	11113	9787	9762	10221	7.56	cps
Molybdenum	97-1	5910	5585	5626	5707	3.10	cps
Molybdenum	98-1	15401	14358	14241	14666	4.35	cps
Neodymium	150-1	633	507	573	571	11.10	cps
Neodymium	150-2	263	240	237	247	5.89	cps
Nickel	60-2	3911	3874	4177	3987	4.15	cps
Phosphorus	31-2	983	933	933	950	3.04	cps
Potassium	39-2	1559951	1576151	1562037	1566046	0.56	cps
Rhodium	103-1	5361467	5350062	5311945	5341158	0.49	cps
Rhodium	103-2	2565433	2550396	2532526	2549452	0.65	cps
Scandium	45-1	4068801	3983787	3981211	4011267	1.24	cps
Scandium	45-2	173431	173600	170052	172361	1.16	cps
Selenium	77-2	7	23	10	13	66.12	cps
Selenium	78-2	54	44	46	48	10.17	cps
Selenium	82-1	443	476	520	480	8.08	cps
Silicon	28-1	40596126	40294676	40214775	40368526	0.50	cps
Silver	109-1	1850	1634	1700	1728	6.42	cps
Silver	107-1	1759	1817	1717	1764	2.85	cps
Sodium	23-2	13915861	13829003	13654672	13799846	0.96	cps
Strontium	86-1	2083143	2068310	2076455	2075969	0.36	cps
Strontium	88-1	18441897	18373643	18441664	18419068	0.21	cps
Sulfur	34-1	3241858	3182135	3172849	3198947	1.17	cps
Terbium	159-1	10212020	10084604	10200758	10165794	0.69	cps
Terbium	159-2	5274762	5249267	5203463	5242497	0.69	cps
Thallium	203-1	7202	6052	5385	6213	14.80	cps
Thallium	205-1	17854	15076	12590	15173	17.36	cps
Thorium	232-1	8914	8047	7619	8194	8.05	cps
Tin	118-1	14324	13390	13424	13713	3.87	cps
Titanium	47-1	3709	3734	3942	3795	3.38	cps
Uranium	238-1	33085	32909	32491	32828	0.93	cps
Vanadium	51-2	3030	2877	2934	2947	2.63	cps
Yttrium	89-1	6753296	6714073	6724198	6730523	0.30	cps
Yttrium	89-2	1018761	1023005	1008650	1016806	0.73	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3038-01	Instrumnet Name :	P7
Client Sample ID :	LF012RW035-190522	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 14:26:32	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	4231	4014	3981	4075	3.33	cps
Zirconium	90-1	6744	6468	6894	6702	3.22	cps
Zirconium	91-1	1734	1709	1684	1709	1.47	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3038-01DUP	Instrumnet Name :	P7
Client Sample ID :	LF012RW035-190522DU	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 14:30:09	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7653	7060	6844	7185	5.83	cps
Antimony	121-1	16394	15810	15351	15851	3.30	cps
Arsenic	75-2	6635	6472	6366	6491	2.09	cps
Barium	135-1	395650	388069	386664	390128	1.24	cps
Barium	137-1	690109	681397	676465	682657	1.01	cps
Beryllium	9-1	123	123	133	127	4.56	cps
Bismuth	209-1	6364111	6284766	6231837	6293571	1.06	cps
Bismuth	209-2	3641423	3655210	3647884	3648172	0.19	cps
Boron	10-1	62187	62396	63786	62790	1.38	cps
Boron	11-1	285025	290240	284269	286511	1.13	cps
Cadmium	111-1	1003	1063	1173	1080	8.01	cps
Cadmium	106-1	1825	2000	2109	1978	7.23	cps
Cadmium	108-1	38	42	8	29	62.28	cps
Calcium	43-1	4387743	4349206	4295977	4344309	1.06	cps
Calcium	44-1	71243060	70273431	69727368	70414620	1.09	cps
Chromium	52-2	3324	3557	3300	3394	4.18	cps
Cobalt	59-2	4794	4614	4547	4652	2.74	cps
Copper	63-2	7776	8329	8282	8129	3.78	cps
Dysprosium	156-1	467	408	358	411	13.19	cps
Dysprosium	156-2	190	210	233	211	10.27	cps
Erbium	164-1	392	275	433	367	22.38	cps
Erbium	164-2	163	143	180	162	11.31	cps
Gadolinium	160-1	383	417	317	372	13.68	cps
Gadolinium	160-2	330	320	350	333	4.58	cps
Holmium	165-1	9529469	9491454	9381678	9467534	0.81	cps
Holmium	165-2	5108271	5103275	5048076	5086541	0.66	cps
Indium	115-1	6014559	5920557	5846196	5927104	1.42	cps
Indium	115-2	1228250	1228013	1218558	1224940	0.45	cps
Iron	56-2	8373594	8280906	8261449	8305317	0.72	cps
Iron	57-2	230571	230318	229572	230154	0.23	cps
Krypton	83-1	177	183	183	181	2.13	cps
Lead	206-1	5390	4784	4662	4946	7.88	cps
Lead	207-1	4518	4173	3984	4225	6.40	cps
Lead	208-1	21068	19173	18872	19705	6.04	cps
Lithium	6-1	2408568	2375662	2344151	2376127	1.36	cps
Magnesium	24-2	3121730	3104437	3070632	3098933	0.84	cps

LB Number : LB103176 Operator : Jaswal
 Lab Sample ID : K3038-01DUP Instrumnet Name : P7
 Client Sample ID : LF012RW035-190522DU Dilution Factor : 1
 Date & Time Acquired :: 2019-06-03 14:30:09 DataFile Name : 023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	590598	582805	583543	585648	0.73	cps
Molybdenum	94-1	6043	5818	5768	5876	2.49	cps
Molybdenum	95-1	6744	6610	6877	6744	1.98	cps
Molybdenum	96-1	7569	7827	7611	7669	1.81	cps
Molybdenum	97-1	4343	4126	4184	4217	2.66	cps
Molybdenum	98-1	10746	11205	10329	10760	4.07	cps
Neodymium	150-1	567	653	580	600	7.78	cps
Neodymium	150-2	210	190	307	236	26.49	cps
Nickel	60-2	3550	3771	3631	3651	3.05	cps
Phosphorus	31-2	958	825	942	908	8.00	cps
Potassium	39-2	1439669	1425989	1417604	1427754	0.78	cps
Rhodium	103-1	5040931	4967921	4949837	4986229	0.97	cps
Rhodium	103-2	2352935	2347023	2321645	2340534	0.71	cps
Scandium	45-1	3641494	3565034	3543206	3583245	1.44	cps
Scandium	45-2	152808	150686	149623	151039	1.07	cps
Selenium	77-2	13	30	3	16	86.63	cps
Selenium	78-2	35	37	37	36	2.93	cps
Selenium	82-1	391	360	431	394	9.10	cps
Silicon	28-1	37296719	36570780	36131686	36666395	1.60	cps
Silver	109-1	975	1342	842	1053	24.60	cps
Silver	107-1	1108	1342	1084	1178	12.11	cps
Sodium	23-2	12615045	12534278	12376205	12508510	0.97	cps
Strontium	86-1	2017268	1974376	1958414	1983353	1.53	cps
Strontium	88-1	17918325	17718930	17410560	17682605	1.45	cps
Sulfur	34-1	2971410	2934338	2865859	2923869	1.83	cps
Terbium	159-1	9685215	9585913	9564317	9611815	0.67	cps
Terbium	159-2	4943010	4826690	4795918	4855206	1.60	cps
Thallium	203-1	1659	1825	1675	1720	5.34	cps
Thallium	205-1	4976	4118	4042	4379	11.85	cps
Thorium	232-1	5068	4534	4612	4738	6.08	cps
Tin	118-1	9287	10246	9462	9665	5.28	cps
Titanium	47-1	3742	3817	3642	3734	2.35	cps
Uranium	238-1	32124	31899	31824	31949	0.49	cps
Vanadium	51-2	2794	2680	2470	2648	6.20	cps
Yttrium	89-1	6288168	6175483	6123045	6195565	1.36	cps
Yttrium	89-2	931239	922390	919528	924386	0.66	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3038-01DUP	Instrumnet Name :	P7
Client Sample ID :	LF012RW035-190522DU	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 14:30:09	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	3587	3400	3297	3428	4.29	cps
Zirconium	90-1	6110	5943	6060	6038	1.42	cps
Zirconium	91-1	1408	1275	1275	1320	5.83	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3038-01LX5	Instrumnet Name :	P7
Client Sample ID :	LF012RW035-190522L	Dilution Factor :	5
Date & Time Acquired ::	2019-06-03 14:33:45	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1525	1692	1492	1570	6.83	cps
Antimony	121-1	4017	3951	4042	4004	1.18	cps
Arsenic	75-2	1356	1345	1293	1331	2.53	cps
Barium	135-1	80885	79686	79092	79888	1.14	cps
Barium	137-1	139772	139038	134589	137800	2.04	cps
Beryllium	9-1	110	83	77	90	19.60	cps
Bismuth	209-1	6857582	6841543	6719588	6806238	1.11	cps
Bismuth	209-2	3984767	4023638	4020133	4009513	0.54	cps
Boron	10-1	16518	17377	15967	16621	4.28	cps
Boron	11-1	74308	73362	72465	73379	1.26	cps
Cadmium	111-1	1083	997	1129	1070	6.27	cps
Cadmium	106-1	2134	1967	2142	2081	4.75	cps
Cadmium	108-1	13	4	0	6	114.53	cps
Calcium	43-1	892376	880042	867807	880075	1.40	cps
Calcium	44-1	14545904	14408578	14256032	14403505	1.01	cps
Chromium	52-2	1090	1177	1127	1131	3.85	cps
Cobalt	59-2	1077	1007	1037	1040	3.38	cps
Copper	63-2	2774	2930	2894	2866	2.86	cps
Dysprosium	156-1	67	75	67	69	6.93	cps
Dysprosium	156-2	37	47	33	39	17.85	cps
Erbium	164-1	125	83	83	97	24.74	cps
Erbium	164-2	80	47	40	56	38.57	cps
Gadolinium	160-1	67	50	108	75	40.06	cps
Gadolinium	160-2	167	177	160	168	5.00	cps
Holmium	165-1	10195415	10143722	10047882	10129006	0.74	cps
Holmium	165-2	5462318	5473769	5488757	5474948	0.24	cps
Indium	115-1	6527868	6497198	6401412	6475493	1.02	cps
Indium	115-2	1356544	1347622	1351485	1351884	0.33	cps
Iron	56-2	1784173	1789865	1786042	1786694	0.16	cps
Iron	57-2	49707	48424	49868	49333	1.60	cps
Krypton	83-1	190	170	177	179	5.69	cps
Lead	206-1	2017	1995	1872	1961	3.97	cps
Lead	207-1	1556	1650	1678	1628	3.94	cps
Lead	208-1	7851	7573	7479	7634	2.54	cps
Lithium	6-1	2188791	2168674	2133694	2163719	1.29	cps
Magnesium	24-2	660597	659575	658742	659638	0.14	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3038-01LX5	Instrumnet Name :	P7
Client Sample ID :	LF012RW035-190522L	Dilution Factor :	5
Date & Time Acquired ::	2019-06-03 14:33:45	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	123274	123496	123493	123421	0.10	cps
Molybdenum	94-1	1492	1725	1392	1536	11.14	cps
Molybdenum	95-1	1508	1458	1600	1522	4.72	cps
Molybdenum	96-1	1617	1884	1617	1706	9.03	cps
Molybdenum	97-1	1008	983	892	961	6.39	cps
Molybdenum	98-1	2325	2334	2392	2350	1.55	cps
Neodymium	150-1	100	167	140	136	24.75	cps
Neodymium	150-2	60	33	50	48	28.20	cps
Nickel	60-2	853	790	867	837	4.90	cps
Phosphorus	31-2	292	217	200	236	20.68	cps
Potassium	39-2	305392	309344	307727	307488	0.65	cps
Rhodium	103-1	5625986	5600751	5549209	5591982	0.70	cps
Rhodium	103-2	2644147	2633670	2637397	2638404	0.20	cps
Scandium	45-1	3936891	3879365	3858318	3891525	1.05	cps
Scandium	45-2	169368	169028	167740	168712	0.51	cps
Selenium	77-2	3	3	10	6	69.34	cps
Selenium	78-2	43	43	28	38	22.71	cps
Selenium	82-1	277	297	322	298	7.63	cps
Silicon	28-1	7807178	7707364	7589463	7701335	1.42	cps
Silver	109-1	400	483	358	414	15.38	cps
Silver	107-1	392	433	467	431	8.73	cps
Sodium	23-2	2597555	2596715	2597260	2597177	0.02	cps
Strontium	86-1	411085	410883	400300	407423	1.51	cps
Strontium	88-1	3569482	3532854	3519277	3540538	0.73	cps
Sulfur	34-1	720042	709110	701566	710239	1.31	cps
Terbium	159-1	10293530	10289309	10162996	10248612	0.72	cps
Terbium	159-2	5304412	5299961	5277443	5293939	0.27	cps
Thallium	203-1	600	517	508	542	9.36	cps
Thallium	205-1	1492	1133	1250	1292	14.15	cps
Thorium	232-1	1433	1406	1256	1365	7.01	cps
Tin	118-1	2025	1675	1784	1828	9.80	cps
Titanium	47-1	550	642	650	614	9.04	cps
Uranium	238-1	6110	6285	6335	6243	1.89	cps
Vanadium	51-2	607	587	537	577	6.25	cps
Yttrium	89-1	6786892	6704930	6690706	6727509	0.77	cps
Yttrium	89-2	1012351	1009762	1014553	1012222	0.24	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3038-01LX5	Instrumnet Name :	P7
Client Sample ID :	LF012RW035-190522L	Dilution Factor :	5
Date & Time Acquired ::	2019-06-03 14:33:45	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	937	957	943	946	1.08	cps
Zirconium	90-1	1433	1709	1567	1570	8.76	cps
Zirconium	91-1	308	450	367	375	18.99	cps

LB Number : LB103176 Operator : Jaswal
 Lab Sample ID : K3038-01MS Instrumnet Name : P7
 Client Sample ID : LF012RW035-190522MS Dilution Factor : 1
 Date & Time Acquired :: 2019-06-03 14:37:22 DataFile Name : 025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	486101	484304	481132	483846	0.52	cps
Antimony	121-1	2626857	2612577	2606057	2615163	0.41	cps
Arsenic	75-2	78028	77622	78240	77964	0.40	cps
Barium	135-1	4449551	4419597	4448046	4439065	0.38	cps
Barium	137-1	7884071	7866128	7939328	7896509	0.48	cps
Beryllium	9-1	523568	517817	513014	518133	1.02	cps
Bismuth	209-1	6022852	5972609	6055479	6016980	0.69	cps
Bismuth	209-2	3477682	3481452	3487964	3482366	0.15	cps
Boron	10-1	137873	138630	142760	139754	1.88	cps
Boron	11-1	616794	626672	633549	625672	1.35	cps
Cadmium	111-1	645558	640197	640153	641969	0.48	cps
Cadmium	106-1	73558	72000	71958	72505	1.26	cps
Cadmium	108-1	50402	49156	50394	49984	1.43	cps
Calcium	43-1	4608100	4538278	4515244	4553874	1.06	cps
Calcium	44-1	74626623	73705393	73357925	73896647	0.89	cps
Chromium	52-2	663138	666557	660272	663322	0.47	cps
Cobalt	59-2	1018080	1015038	1007453	1013524	0.54	cps
Copper	63-2	1421486	1425350	1421702	1422846	0.15	cps
Dysprosium	156-1	325	492	300	372	27.99	cps
Dysprosium	156-2	270	287	333	297	11.07	cps
Erbium	164-1	367	350	358	358	2.33	cps
Erbium	164-2	170	183	217	190	12.65	cps
Gadolinium	160-1	400	433	375	403	7.27	cps
Gadolinium	160-2	313	253	353	307	16.41	cps
Holmium	165-1	9203441	9208802	9341764	9251336	0.85	cps
Holmium	165-2	4807811	4851027	4848308	4835715	0.50	cps
Indium	115-1	5503369	5437412	5557147	5499309	1.09	cps
Indium	115-2	1116037	1123128	1116194	1118453	0.36	cps
Iron	56-2	37260404	37135334	36986073	37127270	0.37	cps
Iron	57-2	953394	950384	949932	951237	0.20	cps
Krypton	83-1	193	187	217	199	7.92	cps
Lead	206-1	2923495	2927176	2937033	2929235	0.24	cps
Lead	207-1	2584368	2584367	2586598	2585111	0.05	cps
Lead	208-1	11862213	11854783	11903796	11873597	0.22	cps
Lithium	6-1	2096901	2075664	2071523	2081362	0.65	cps
Magnesium	24-2	7668170	7622245	7524861	7605092	0.96	cps

LB Number : LB103176 Operator : Jaswal
 Lab Sample ID : K3038-01MS Instrumnet Name : P7
 Client Sample ID : LF012RW035-190522MS Dilution Factor : 1
 Date & Time Acquired :: 2019-06-03 14:37:22 DataFile Name : 025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1442891	1440282	1433002	1438725	0.36	cps
Molybdenum	94-1	6087709	6102867	6060995	6083857	0.35	cps
Molybdenum	95-1	7594532	7617974	7600084	7604197	0.16	cps
Molybdenum	96-1	8485449	8482427	8445956	8471278	0.26	cps
Molybdenum	97-1	4871721	4670435	4667847	4736668	2.47	cps
Molybdenum	98-1	12446240	12306815	12299896	12350983	0.67	cps
Neodymium	150-1	760	747	727	744	2.25	cps
Neodymium	150-2	243	293	243	260	11.10	cps
Nickel	60-2	252279	252646	252513	252480	0.07	cps
Phosphorus	31-2	742	833	658	744	11.76	cps
Potassium	39-2	4017886	4018185	3992155	4009409	0.37	cps
Rhodium	103-1	4561262	4479426	4638558	4559749	1.75	cps
Rhodium	103-2	2150004	2157510	2149057	2152190	0.22	cps
Scandium	45-1	3320131	3257334	3296470	3291312	0.96	cps
Scandium	45-2	136431	136128	134988	135849	0.56	cps
Selenium	77-2	2024	2134	2110	2089	2.77	cps
Selenium	78-2	7437	7459	7406	7434	0.36	cps
Selenium	82-1	49556	48588	48763	48969	1.05	cps
Silicon	28-1	38280283	39972230	40747153	39666555	3.18	cps
Silver	109-1	2817351	2785870	2791897	2798373	0.60	cps
Silver	107-1	2916838	2913770	2892845	2907817	0.45	cps
Sodium	23-2	20520790	20408274	20275936	20401666	0.60	cps
Strontium	86-1	2682208	2668535	2676108	2675617	0.26	cps
Strontium	88-1	23875242	23794078	23836257	23835192	0.17	cps
Sulfur	34-1	2544083	2526926	2485710	2518906	1.19	cps
Terbium	159-1	9285980	9224503	9385827	9298770	0.88	cps
Terbium	159-2	4612673	4621750	4649370	4627931	0.41	cps
Thallium	203-1	3564119	3565553	3625166	3584946	0.97	cps
Thallium	205-1	8741577	8745653	8830602	8772610	0.57	cps
Thorium	232-1	5657	5323	5157	5379	4.73	cps
Tin	118-1	2452584	2429993	2427830	2436802	0.56	cps
Titanium	47-1	1917870	1892628	1877937	1896145	1.07	cps
Uranium	238-1	14357502	14438929	14471438	14422623	0.41	cps
Vanadium	51-2	559258	559767	554305	557777	0.54	cps
Yttrium	89-1	5837737	5782940	5888044	5836240	0.90	cps
Yttrium	89-2	852757	855382	855356	854499	0.18	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3038-01MS	Instrumnet Name :	P7
Client Sample ID :	LF012RW035-190522MS	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 14:37:22	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	214582	215097	215751	215144	0.27	cps
Zirconium	90-1	4838417	4815792	4830614	4828274	0.24	cps
Zirconium	91-1	1067644	1060905	1057176	1061908	0.50	cps

LB Number : LB103176 Operator : Jaswal
 Lab Sample ID : K3038-01MSD Instrumnet Name : P7
 Client Sample ID : LF012RW035-190522MS Dilution Factor : 1
 Date & Time Acquired :: 2019-06-03 14:40:59 DataFile Name : 026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	441072	443664	435007	439914	1.01	cps
Antimony	121-1	2464650	2472500	2477296	2471482	0.26	cps
Arsenic	75-2	72438	72835	72343	72539	0.36	cps
Barium	135-1	4188223	4180824	4169920	4179656	0.22	cps
Barium	137-1	7424523	7420784	7435096	7426801	0.10	cps
Beryllium	9-1	473667	469053	463573	468764	1.08	cps
Bismuth	209-1	5767354	5752391	5706840	5742195	0.55	cps
Bismuth	209-2	3307319	3313338	3335126	3318595	0.44	cps
Boron	10-1	126760	129055	128174	127996	0.90	cps
Boron	11-1	569559	580648	582806	577671	1.23	cps
Cadmium	111-1	611630	608123	606238	608664	0.45	cps
Cadmium	106-1	69094	67930	68424	68483	0.85	cps
Cadmium	108-1	46894	46493	45995	46461	0.97	cps
Calcium	43-1	4114865	4094710	4029489	4079688	1.09	cps
Calcium	44-1	67653941	67180289	65985837	66940022	1.28	cps
Chromium	52-2	611505	612661	605317	609828	0.65	cps
Cobalt	59-2	942415	939746	931199	937786	0.62	cps
Copper	63-2	1322764	1319815	1305768	1316116	0.69	cps
Dysprosium	156-1	383	400	317	367	12.03	cps
Dysprosium	156-2	233	270	230	244	9.08	cps
Erbium	164-1	325	350	367	347	6.04	cps
Erbium	164-2	177	190	163	177	7.55	cps
Gadolinium	160-1	300	400	392	364	15.25	cps
Gadolinium	160-2	300	263	273	279	6.80	cps
Holmium	165-1	8802246	8787145	8794136	8794509	0.09	cps
Holmium	165-2	4577576	4619167	4616282	4604342	0.50	cps
Indium	115-1	5155315	5129227	5138503	5141015	0.26	cps
Indium	115-2	1051479	1057055	1046970	1051834	0.48	cps
Iron	56-2	34446120	34450429	33904969	34267173	0.92	cps
Iron	57-2	877849	886746	874814	879803	0.70	cps
Krypton	83-1	130	233	197	187	28.07	cps
Lead	206-1	2822567	2834006	2823485	2826686	0.22	cps
Lead	207-1	2487537	2490912	2486286	2488245	0.10	cps
Lead	208-1	11474913	11420090	11400130	11431711	0.34	cps
Lithium	6-1	1869140	1857416	1838785	1855113	0.83	cps
Magnesium	24-2	6953583	6950460	6859084	6921042	0.78	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3038-01MSD	Instrumnet Name :	P7
Client Sample ID :	LF012RW035-190522MS	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 14:40:59	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1325288	1332527	1313407	1323741	0.73	cps
Molybdenum	94-1	5702230	5685233	5646593	5678019	0.50	cps
Molybdenum	95-1	7154554	7116493	7076139	7115729	0.55	cps
Molybdenum	96-1	7929477	7888099	7845001	7887526	0.54	cps
Molybdenum	97-1	4416775	4353759	4358035	4376190	0.80	cps
Molybdenum	98-1	11519276	11535525	11498751	11517851	0.16	cps
Neodymium	150-1	787	813	647	749	11.95	cps
Neodymium	150-2	227	253	230	237	6.14	cps
Nickel	60-2	234070	233908	231974	233317	0.50	cps
Phosphorus	31-2	775	892	708	792	11.72	cps
Potassium	39-2	3670364	3661985	3601902	3644750	1.02	cps
Rhodium	103-1	4260217	4201487	4171212	4210972	1.07	cps
Rhodium	103-2	2015869	2016399	2021364	2017877	0.15	cps
Scandium	45-1	3005963	2984511	2935990	2975488	1.20	cps
Scandium	45-2	125856	126608	124941	125802	0.66	cps
Selenium	77-2	1964	1890	2100	1985	5.37	cps
Selenium	78-2	6848	6929	6564	6781	2.83	cps
Selenium	82-1	44810	44805	44893	44836	0.11	cps
Silicon	28-1	35776724	37489996	38200761	37155827	3.35	cps
Silver	109-1	2649250	2639326	2632116	2640231	0.33	cps
Silver	107-1	2752726	2736609	2728421	2739252	0.45	cps
Sodium	23-2	18643317	18603507	18387860	18544895	0.74	cps
Strontium	86-1	2524547	2508435	2482758	2505246	0.84	cps
Strontium	88-1	22329647	22301457	22115310	22248805	0.52	cps
Sulfur	34-1	2292911	2267757	2241039	2267236	1.14	cps
Terbium	159-1	8809672	8823868	8784040	8805860	0.23	cps
Terbium	159-2	4384606	4418430	4424563	4409200	0.49	cps
Thallium	203-1	3451000	3451664	3460504	3454390	0.15	cps
Thallium	205-1	8426341	8459397	8491999	8459246	0.39	cps
Thorium	232-1	4134	3917	3990	4014	2.75	cps
Tin	118-1	2292866	2286072	2284685	2287874	0.19	cps
Titanium	47-1	1747838	1724118	1714595	1728850	0.99	cps
Uranium	238-1	13997228	13917696	13984149	13966358	0.31	cps
Vanadium	51-2	513199	513863	508022	511695	0.63	cps
Yttrium	89-1	5408523	5397236	5369342	5391700	0.37	cps
Yttrium	89-2	797668	793601	792257	794509	0.35	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3038-01MSD	Instrumnet Name :	P7
Client Sample ID :	LF012RW035-190522MS	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 14:40:59	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	197748	200117	197518	198461	0.72	cps
Zirconium	90-1	4418736	4421500	4379017	4406418	0.54	cps
Zirconium	91-1	1014151	999678	989084	1000971	1.26	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3038-01A	Instrumnet Name :	P7
Client Sample ID :	LF012RW035-190522A	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 14:44:36	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	413132	412753	411054	412313	0.27	cps
Antimony	121-1	2386615	2392471	2378085	2385724	0.30	cps
Arsenic	75-2	68588	68588	68352	68510	0.20	cps
Barium	135-1	4045428	4054829	4037109	4045789	0.22	cps
Barium	137-1	7175379	7152300	7229076	7185585	0.55	cps
Beryllium	9-1	441930	436117	431508	436518	1.20	cps
Bismuth	209-1	5538166	5590808	5736759	5621911	1.83	cps
Bismuth	209-2	3236938	3259615	3272648	3256400	0.55	cps
Boron	10-1	117891	121216	121156	120088	1.58	cps
Boron	11-1	535900	538750	549532	541394	1.33	cps
Cadmium	111-1	585877	582162	583148	583729	0.33	cps
Cadmium	106-1	66482	64665	64413	65186	1.73	cps
Cadmium	108-1	44612	44495	44620	44576	0.16	cps
Calcium	43-1	3873886	3825337	3791312	3830178	1.08	cps
Calcium	44-1	63139062	62563956	62418958	62707325	0.61	cps
Chromium	52-2	578026	576072	573811	575970	0.37	cps
Cobalt	59-2	883938	890308	887953	887400	0.36	cps
Copper	63-2	1248564	1254995	1246650	1250070	0.35	cps
Dysprosium	156-1	417	250	575	414	39.29	cps
Dysprosium	156-2	217	307	290	271	17.66	cps
Erbium	164-1	483	300	333	372	26.24	cps
Erbium	164-2	167	190	203	187	9.94	cps
Gadolinium	160-1	267	533	317	372	38.08	cps
Gadolinium	160-2	313	310	343	322	5.70	cps
Holmium	165-1	8447249	8544539	8733040	8574943	1.69	cps
Holmium	165-2	4474977	4495714	4518657	4496449	0.49	cps
Indium	115-1	4905847	4933551	5031330	4956909	1.33	cps
Indium	115-2	1010522	1017246	1016890	1014886	0.37	cps
Iron	56-2	32588094	32622438	32373690	32528074	0.41	cps
Iron	57-2	829257	832752	832569	831526	0.24	cps
Krypton	83-1	167	190	160	172	9.15	cps
Lead	206-1	2764822	2768335	2765766	2766308	0.07	cps
Lead	207-1	2429189	2441787	2430511	2433829	0.28	cps
Lead	208-1	11168029	11235215	11201840	11201695	0.30	cps
Lithium	6-1	1708313	1703357	1711536	1707735	0.24	cps
Magnesium	24-2	6553999	6524577	6445017	6507865	0.87	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3038-01A	Instrumnet Name :	P7
Client Sample ID :	LF012RW035-190522A	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 14:44:36	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1255616	1254599	1250131	1253449	0.23	cps
Molybdenum	94-1	5422982	5407391	5403517	5411297	0.19	cps
Molybdenum	95-1	6784443	6787336	6769570	6780450	0.14	cps
Molybdenum	96-1	7565737	7537718	7534220	7545892	0.23	cps
Molybdenum	97-1	4214837	4213435	4172143	4200138	0.58	cps
Molybdenum	98-1	11045449	11057826	10953132	11018803	0.52	cps
Neodymium	150-1	700	640	667	669	4.49	cps
Neodymium	150-2	227	230	210	222	4.82	cps
Nickel	60-2	220850	220011	220850	220570	0.22	cps
Phosphorus	31-2	683	567	625	625	9.33	cps
Potassium	39-2	3429623	3442141	3393463	3421742	0.74	cps
Rhodium	103-1	4028581	4055167	4113794	4065847	1.07	cps
Rhodium	103-2	1944035	1945673	1934270	1941326	0.32	cps
Scandium	45-1	2801060	2776494	2826347	2801301	0.89	cps
Scandium	45-2	117861	117690	119080	118210	0.64	cps
Selenium	77-2	1917	2010	1910	1946	2.87	cps
Selenium	78-2	6409	6150	6324	6294	2.10	cps
Selenium	82-1	42368	42487	42255	42370	0.27	cps
Silicon	28-1	33195731	34954156	36183958	34777948	4.32	cps
Silver	109-1	2555980	2532922	2529646	2539516	0.57	cps
Silver	107-1	2620098	2622586	2622146	2621610	0.05	cps
Sodium	23-2	17499192	17473210	17324270	17432224	0.54	cps
Strontium	86-1	2388037	2374678	2391428	2384715	0.37	cps
Strontium	88-1	21190888	21192936	21177599	21187141	0.04	cps
Sulfur	34-1	2144571	2103706	2102260	2116846	1.13	cps
Terbium	159-1	8506379	8580885	8794538	8627267	1.73	cps
Terbium	159-2	4259387	4312124	4309207	4293573	0.69	cps
Thallium	203-1	3368730	3385534	3394319	3382861	0.38	cps
Thallium	205-1	8236482	8292405	8267228	8265372	0.34	cps
Thorium	232-1	3534	3662	3556	3584	1.91	cps
Tin	118-1	2219084	2236726	2211332	2222381	0.59	cps
Titanium	47-1	1629720	1616077	1611170	1618989	0.59	cps
Uranium	238-1	13540027	13785709	13640124	13655287	0.90	cps
Vanadium	51-2	482080	483476	481419	482325	0.22	cps
Yttrium	89-1	5138676	5155825	5269329	5187943	1.37	cps
Yttrium	89-2	759871	761319	763157	761449	0.22	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3038-01A	Instrumnet Name :	P7
Client Sample ID :	LF012RW035-190522A	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 14:44:36	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	189083	189704	188526	189104	0.31	cps
Zirconium	90-1	4248570	4188236	4203112	4213306	0.75	cps
Zirconium	91-1	956340	949381	949071	951597	0.43	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3038-02	Instrumnet Name :	P7
Client Sample ID :	LF012MW028-190522	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 14:48:11	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1067	1075	1108	1083	2.04	cps
Antimony	121-1	5943	6160	6085	6063	1.82	cps
Arsenic	75-2	1950	1889	1845	1895	2.80	cps
Barium	135-1	199586	199629	200712	199976	0.32	cps
Barium	137-1	347929	355341	354733	352668	1.17	cps
Beryllium	9-1	190	230	163	194	17.26	cps
Bismuth	209-1	5584314	5701456	5685193	5656988	1.12	cps
Bismuth	209-2	3271133	3186019	3281530	3246228	1.61	cps
Boron	10-1	77131	78931	79107	78390	1.39	cps
Boron	11-1	351794	353307	360362	355154	1.29	cps
Cadmium	111-1	1885	1753	1810	1816	3.66	cps
Cadmium	106-1	1517	1367	1500	1461	5.63	cps
Cadmium	108-1	75	92	75	81	11.95	cps
Calcium	43-1	3096526	3072601	3076997	3082042	0.41	cps
Calcium	44-1	50555108	50670959	51019931	50748666	0.48	cps
Chromium	52-2	2797	2770	2780	2783	0.48	cps
Cobalt	59-2	3207	3277	3234	3239	1.09	cps
Copper	63-2	13867	13893	13727	13829	0.65	cps
Dysprosium	156-1	158	183	92	144	32.81	cps
Dysprosium	156-2	53	70	60	61	13.73	cps
Erbium	164-1	142	133	242	172	35.01	cps
Erbium	164-2	60	80	67	69	14.78	cps
Gadolinium	160-1	117	125	75	106	25.38	cps
Gadolinium	160-2	163	173	210	182	13.48	cps
Holmium	165-1	8390706	8507018	8592590	8496772	1.19	cps
Holmium	165-2	4446375	4317103	4450439	4404639	1.72	cps
Indium	115-1	4863846	5015701	5008583	4962710	1.73	cps
Indium	115-2	1033288	995247	1026453	1018329	1.99	cps
Iron	56-2	13362072	13374011	13244353	13326812	0.54	cps
Iron	57-2	349689	350130	344885	348235	0.84	cps
Krypton	83-1	97	117	143	119	19.69	cps
Lead	206-1	55170	56732	56782	56228	1.63	cps
Lead	207-1	46771	47296	46894	46987	0.58	cps
Lead	208-1	219551	218926	218798	219091	0.18	cps
Lithium	6-1	1615648	1620695	1616618	1617654	0.17	cps
Magnesium	24-2	2864997	2875163	2867607	2869255	0.18	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3038-02	Instrumnet Name :	P7
Client Sample ID :	LF012MW028-190522	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 14:48:11	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	467794	468875	466334	467668	0.27	cps
Molybdenum	94-1	4451	4809	4368	4543	5.17	cps
Molybdenum	95-1	6285	6035	6235	6185	2.14	cps
Molybdenum	96-1	6935	6969	6635	6846	2.68	cps
Molybdenum	97-1	3876	3776	3609	3753	3.59	cps
Molybdenum	98-1	10146	9712	9503	9787	3.35	cps
Neodymium	150-1	120	153	113	129	16.63	cps
Neodymium	150-2	60	73	80	71	14.32	cps
Nickel	60-2	2504	2654	2660	2606	3.40	cps
Phosphorus	31-2	367	317	292	325	11.75	cps
Potassium	39-2	910810	921384	910632	914276	0.67	cps
Rhodium	103-1	4053514	4084422	4036722	4058220	0.60	cps
Rhodium	103-2	1946098	1875073	1940902	1920691	2.06	cps
Scandium	45-1	2707389	2698827	2703709	2703309	0.16	cps
Scandium	45-2	114921	110018	113181	112707	2.21	cps
Selenium	77-2	13	10	0	8	89.21	cps
Selenium	78-2	24	19	24	22	14.42	cps
Selenium	82-1	427	399	415	414	3.32	cps
Silicon	28-1	35583806	35454604	35457704	35498705	0.21	cps
Silver	109-1	942	975	908	942	3.54	cps
Silver	107-1	900	1158	1025	1028	12.57	cps
Sodium	23-2	11700154	11721478	11629930	11683854	0.41	cps
Strontium	86-1	1591188	1596590	1602190	1596656	0.34	cps
Strontium	88-1	14076932	14123690	14365576	14188733	1.09	cps
Sulfur	34-1	1328122	1324232	1320178	1324177	0.30	cps
Terbium	159-1	8413909	8576963	8591577	8527483	1.16	cps
Terbium	159-2	4271487	4117757	4270457	4219900	2.10	cps
Thallium	203-1	1817	1450	1092	1453	24.95	cps
Thallium	205-1	3826	3534	2850	3403	14.71	cps
Thorium	232-1	811	811	778	800	2.41	cps
Tin	118-1	11172	10921	11330	11141	1.85	cps
Titanium	47-1	2042	2200	2000	2081	5.07	cps
Uranium	238-1	5952	5618	5343	5638	5.41	cps
Vanadium	51-2	1123	1087	1057	1089	3.07	cps
Yttrium	89-1	5001267	5083878	5108724	5064623	1.11	cps
Yttrium	89-2	755397	723502	747714	742204	2.24	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3038-02	Instrumnet Name :	P7
Client Sample ID :	LF012MW028-190522	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 14:48:11	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	4898	4687	5038	4874	3.62	cps
Zirconium	90-1	3701	3826	3492	3673	4.59	cps
Zirconium	91-1	542	792	875	736	23.57	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	CCV42	Instrumnet Name :	P7
Client Sample ID :	CCV42	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 15:03:16	DataFile Name :	029CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2790057	2795426	2830004	2805162	0.77	cps
Antimony	121-1	2617306	2611053	2624538	2617632	0.26	cps
Arsenic	75-2	81191	82834	82342	82123	1.03	cps
Barium	135-1	3842485	3832835	3823147	3832823	0.25	cps
Barium	137-1	6890430	6841525	6865029	6865661	0.36	cps
Beryllium	9-1	546244	545976	548287	546836	0.23	cps
Bismuth	209-1	5476458	5420076	5505346	5467293	0.79	cps
Bismuth	209-2	3328758	3376315	3368942	3358005	0.76	cps
Boron	10-1	82333	83664	86665	84221	2.63	cps
Boron	11-1	365493	378772	383464	375909	2.48	cps
Cadmium	111-1	702771	701071	707591	703811	0.48	cps
Cadmium	106-1	80311	77654	78785	78917	1.69	cps
Cadmium	108-1	53634	53693	54425	53918	0.82	cps
Calcium	43-1	3918512	3903436	3939565	3920504	0.46	cps
Calcium	44-1	64442266	64029631	64454654	64308850	0.38	cps
Chromium	52-2	743917	749454	747492	746954	0.38	cps
Cobalt	59-2	1109084	1117837	1121697	1116206	0.58	cps
Copper	63-2	1586033	1598879	1601833	1595582	0.53	cps
Dysprosium	156-1	25	58	58	47	40.76	cps
Dysprosium	156-2	60	50	100	70	37.80	cps
Erbium	164-1	42	58	50	50	16.67	cps
Erbium	164-2	17	43	23	28	49.95	cps
Gadolinium	160-1	33	50	33	39	24.75	cps
Gadolinium	160-2	140	113	113	122	12.59	cps
Holmium	165-1	8779806	8672792	8760201	8737600	0.65	cps
Holmium	165-2	4807118	4894874	4881454	4861149	0.97	cps
Indium	115-1	5135497	5084748	5151199	5123815	0.68	cps
Indium	115-2	1127767	1142082	1141322	1137057	0.71	cps
Iron	56-2	151417959	151826448	151678142	151640850	0.14	cps
Iron	57-2	3785476	3829787	3835235	3816832	0.72	cps
Krypton	83-1	140	143	133	139	3.67	cps
Lead	206-1	2874313	2860435	2871786	2868844	0.26	cps
Lead	207-1	2612899	2588008	2622636	2607848	0.68	cps
Lead	208-1	11835698	11783873	11881519	11833697	0.41	cps
Lithium	6-1	1684331	1671491	1697708	1684510	0.78	cps
Magnesium	24-2	28401117	28400987	28617054	28473053	0.44	cps

LB Number : LB103176 Operator : Jaswal
 Lab Sample ID : CCV42 Instrumnet Name : P7
 Client Sample ID : CCV42 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-03 15:03:16 DataFile Name : 029CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	955697	963719	968282	962566	0.66	cps
Molybdenum	94-1	5636374	5656272	5669533	5654060	0.30	cps
Molybdenum	95-1	6812174	6869168	6868662	6850001	0.48	cps
Molybdenum	96-1	7625074	7574931	7648711	7616238	0.49	cps
Molybdenum	97-1	4181745	4182888	4200580	4188405	0.25	cps
Molybdenum	98-1	11060736	11020006	11057526	11046090	0.21	cps
Neodymium	150-1	220	273	367	287	25.90	cps
Neodymium	150-2	50	50	67	56	17.32	cps
Nickel	60-2	268312	270208	272380	270300	0.75	cps
Phosphorus	31-2	26065	26240	25640	25982	1.19	cps
Potassium	39-2	14984694	15115648	15241302	15113881	0.85	cps
Rhodium	103-1	4162800	4132646	4168486	4154644	0.46	cps
Rhodium	103-2	2106021	2140606	2130109	2125579	0.83	cps
Scandium	45-1	3156725	3124006	3165933	3148888	0.70	cps
Scandium	45-2	144870	146519	147014	146134	0.77	cps
Selenium	77-2	2217	2407	2354	2326	4.21	cps
Selenium	78-2	7839	8115	8171	8042	2.21	cps
Selenium	82-1	48064	47486	48355	47968	0.92	cps
Silicon	28-1	1743684	1761455	1782563	1762567	1.10	cps
Silver	109-1	3135764	3131923	3134009	3133899	0.06	cps
Silver	107-1	3249077	3228246	3273133	3250152	0.69	cps
Sodium	23-2	55979030	56132378	56439924	56183778	0.42	cps
Strontium	86-1	893059	896645	902707	897470	0.54	cps
Strontium	88-1	7986461	8037295	8060593	8028116	0.47	cps
Sulfur	34-1	374496	373029	376182	374569	0.42	cps
Terbium	159-1	8786883	8697843	8760338	8748355	0.52	cps
Terbium	159-2	4633497	4681066	4657606	4657390	0.51	cps
Thallium	203-1	3554388	3546337	3558427	3553051	0.17	cps
Thallium	205-1	8742805	8736594	8732946	8737449	0.06	cps
Thorium	232-1	14945987	15049812	15091588	15029129	0.50	cps
Tin	118-1	2325737	2327786	2316824	2323449	0.25	cps
Titanium	47-1	1799635	1794844	1804081	1799520	0.26	cps
Uranium	238-1	14639535	14629632	14587745	14618971	0.19	cps
Vanadium	51-2	630088	634701	636556	633782	0.53	cps
Yttrium	89-1	5528632	5486907	5540718	5518752	0.51	cps
Yttrium	89-2	879067	883923	889261	884084	0.58	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	CCV42	Instrumnet Name :	P7
Client Sample ID :	CCV42	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 15:03:16	DataFile Name :	029CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	255184	256799	257999	256661	0.55	cps
Zirconium	90-1	4841304	4842820	4827401	4837175	0.18	cps
Zirconium	91-1	1056891	1057905	1057607	1057468	0.05	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	CCB42	Instrumnet Name :	P7
Client Sample ID :	CCB42	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 15:07:26	DataFile Name :	030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	142	192	167	167	15.00	cps
Antimony	121-1	1792	1867	1867	1842	2.35	cps
Arsenic	75-2	17	13	11	14	20.85	cps
Barium	135-1	292	233	192	239	21.03	cps
Barium	137-1	392	517	358	422	19.77	cps
Beryllium	9-1	167	173	180	173	3.85	cps
Bismuth	209-1	6333150	6359255	6346942	6346449	0.21	cps
Bismuth	209-2	3853203	3879085	3905319	3879202	0.67	cps
Boron	10-1	4893	4226	4317	4479	8.07	cps
Boron	11-1	20106	18787	17694	18862	6.40	cps
Cadmium	111-1	1025	1054	969	1016	4.23	cps
Cadmium	106-1	1850	1967	1809	1875	4.38	cps
Cadmium	108-1	13	13	8	11	21.67	cps
Calcium	43-1	317	292	233	281	15.24	cps
Calcium	44-1	8103	8144	7928	8058	1.43	cps
Chromium	52-2	450	433	470	451	4.07	cps
Cobalt	59-2	53	40	80	58	35.25	cps
Copper	63-2	573	613	587	591	3.45	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	17	25	33	25	33.32	cps
Erbium	164-2	0	10	10	7	86.60	cps
Gadolinium	160-1	25	25	33	28	17.31	cps
Gadolinium	160-2	120	137	97	118	17.06	cps
Holmium	165-1	9057929	9152086	9145114	9118376	0.58	cps
Holmium	165-2	5183442	5207408	5182757	5191202	0.27	cps
Indium	115-1	5821199	5857799	5848547	5842515	0.33	cps
Indium	115-2	1289722	1293384	1306991	1296699	0.70	cps
Iron	56-2	8341	7724	8141	8069	3.90	cps
Iron	57-2	250	200	294	248	19.04	cps
Krypton	83-1	127	150	213	163	27.46	cps
Lead	206-1	983	861	811	885	10.01	cps
Lead	207-1	872	856	694	807	12.16	cps
Lead	208-1	3795	3528	3245	3523	7.81	cps
Lithium	6-1	1847611	1860381	1850209	1852734	0.36	cps
Magnesium	24-2	1208	1042	1092	1114	7.68	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	CCB42	Instrumnet Name :	P7
Client Sample ID :	CCB42	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 15:07:26	DataFile Name :	030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	73	63	63	67	8.67	cps
Molybdenum	94-1	1283	1233	1008	1175	12.47	cps
Molybdenum	95-1	1667	1200	1233	1367	19.05	cps
Molybdenum	96-1	1592	1817	1292	1567	16.81	cps
Molybdenum	97-1	833	917	950	900	6.68	cps
Molybdenum	98-1	2534	2159	2217	2303	8.76	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	47	47	30	41	23.41	cps
Phosphorus	31-2	100	58	83	81	26.03	cps
Potassium	39-2	7244	7402	7152	7266	1.74	cps
Rhodium	103-1	5082422	5120410	5116841	5106558	0.41	cps
Rhodium	103-2	2543776	2529285	2548270	2540444	0.39	cps
Scandium	45-1	3449195	3478073	3475904	3467724	0.46	cps
Scandium	45-2	158076	156974	156469	157173	0.52	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	22	41	37	33	29.40	cps
Selenium	82-1	347	328	240	305	18.80	cps
Silicon	28-1	106225	106444	103347	105339	1.64	cps
Silver	109-1	450	333	342	375	17.36	cps
Silver	107-1	325	458	375	386	17.45	cps
Sodium	23-2	8194	8511	7819	8175	4.24	cps
Strontium	86-1	242	283	367	297	21.41	cps
Strontium	88-1	667	617	592	625	6.11	cps
Sulfur	34-1	117704	115763	116630	116699	0.83	cps
Terbium	159-1	9187808	9255154	9229642	9224201	0.37	cps
Terbium	159-2	5019968	5011685	4999740	5010464	0.20	cps
Thallium	203-1	942	1058	975	992	6.06	cps
Thallium	205-1	2425	2292	2059	2259	8.22	cps
Thorium	232-1	2161	2128	2089	2126	1.70	cps
Tin	118-1	1050	1158	1050	1086	5.76	cps
Titanium	47-1	183	117	150	150	22.22	cps
Uranium	238-1	767	917	692	792	14.47	cps
Vanadium	51-2	30	7	27	21	59.77	cps
Yttrium	89-1	5977942	6023236	6019020	6006733	0.42	cps
Yttrium	89-2	954592	957266	960929	957596	0.33	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	CCB42	Instrumnet Name :	P7
Client Sample ID :	CCB42	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 15:07:26	DataFile Name :	030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	153	200	160	171	14.75	cps
Zirconium	90-1	817	933	942	897	7.79	cps
Zirconium	91-1	167	133	175	158	13.92	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3038-03	Instrumnet Name :	P7
Client Sample ID :	LF012MW200-190522	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 15:11:02	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2734	2492	2775	2667	5.74	cps
Antimony	121-1	10921	10855	10154	10643	3.99	cps
Arsenic	75-2	1152	1224	1172	1183	3.15	cps
Barium	135-1	117779	117981	120089	118616	1.08	cps
Barium	137-1	206715	205219	208794	206909	0.87	cps
Beryllium	9-1	157	100	110	122	24.75	cps
Bismuth	209-1	5796705	5794716	5737041	5776154	0.59	cps
Bismuth	209-2	3424536	3450460	3460540	3445179	0.54	cps
Boron	10-1	186005	184698	189245	186649	1.25	cps
Boron	11-1	846268	846686	854863	849272	0.57	cps
Cadmium	111-1	1016	1074	968	1019	5.18	cps
Cadmium	106-1	1492	1675	1550	1572	5.96	cps
Cadmium	108-1	67	38	33	46	39.63	cps
Calcium	43-1	3798035	3733234	3731956	3754408	1.01	cps
Calcium	44-1	61890997	61308653	61341714	61513788	0.53	cps
Chromium	52-2	2310	2367	2097	2258	6.31	cps
Cobalt	59-2	3067	2937	2944	2983	2.46	cps
Copper	63-2	7249	7332	7809	7463	4.05	cps
Dysprosium	156-1	133	125	233	164	36.78	cps
Dysprosium	156-2	63	73	133	90	42.07	cps
Erbium	164-1	133	208	192	178	22.15	cps
Erbium	164-2	107	93	73	91	18.42	cps
Gadolinium	160-1	133	267	192	197	33.89	cps
Gadolinium	160-2	223	163	173	187	17.22	cps
Holmium	165-1	8678458	8797179	8705778	8727138	0.71	cps
Holmium	165-2	4733157	4748162	4796551	4759290	0.70	cps
Indium	115-1	5254832	5285309	5220498	5253546	0.62	cps
Indium	115-2	1107258	1107764	1129270	1114764	1.13	cps
Iron	56-2	6061701	6018425	6014170	6031432	0.44	cps
Iron	57-2	169702	169561	169421	169561	0.08	cps
Krypton	83-1	153	193	130	159	20.16	cps
Lead	206-1	4840	4423	4412	4558	5.35	cps
Lead	207-1	3962	3773	3684	3806	3.73	cps
Lead	208-1	18522	17199	17288	17670	4.18	cps
Lithium	6-1	1832683	1820672	1797751	1817035	0.98	cps
Magnesium	24-2	4643581	4610890	4593234	4615902	0.55	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3038-03	Instrumnet Name :	P7
Client Sample ID :	LF012MW200-190522	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 15:11:02	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	644798	645273	641515	643862	0.32	cps
Molybdenum	94-1	4451	4351	4526	4443	1.98	cps
Molybdenum	95-1	5660	5293	5435	5462	3.39	cps
Molybdenum	96-1	6327	6043	6468	6279	3.45	cps
Molybdenum	97-1	3334	3509	3459	3434	2.63	cps
Molybdenum	98-1	9804	8870	9203	9292	5.09	cps
Neodymium	150-1	120	187	247	184	34.36	cps
Neodymium	150-2	97	90	87	91	5.59	cps
Nickel	60-2	3197	3157	3024	3126	2.90	cps
Phosphorus	31-2	133	133	142	136	3.53	cps
Potassium	39-2	933454	922949	929250	928551	0.57	cps
Rhodium	103-1	4307711	4272499	4247612	4275940	0.71	cps
Rhodium	103-2	2095595	2098953	2122829	2105792	0.71	cps
Scandium	45-1	3029096	2979256	2917059	2975137	1.89	cps
Scandium	45-2	127331	127163	129601	128032	1.06	cps
Selenium	77-2	7	10	13	10	33.30	cps
Selenium	78-2	22	39	41	34	30.05	cps
Selenium	82-1	420	401	461	427	7.29	cps
Silicon	28-1	34441417	33902670	33765228	34036438	1.05	cps
Silver	109-1	1500	1100	1175	1258	16.90	cps
Silver	107-1	1392	1150	1626	1389	17.13	cps
Sodium	23-2	18375504	18275831	18147749	18266361	0.63	cps
Strontium	86-1	2608517	2605831	2585924	2600091	0.47	cps
Strontium	88-1	23265175	23186384	23326313	23259291	0.30	cps
Sulfur	34-1	2922507	2877638	2852617	2884254	1.23	cps
Terbium	159-1	8775313	8806785	8738855	8773651	0.39	cps
Terbium	159-2	4513551	4537475	4571746	4540924	0.64	cps
Thallium	203-1	2550	2117	1550	2072	24.20	cps
Thallium	205-1	6160	5043	4209	5137	19.05	cps
Thorium	232-1	2573	1961	2078	2204	14.72	cps
Tin	118-1	10671	9729	10137	10179	4.64	cps
Titanium	47-1	1642	1667	1767	1692	3.91	cps
Uranium	238-1	35283	34255	35650	35062	2.06	cps
Vanadium	51-2	1413	1483	1393	1430	3.30	cps
Yttrium	89-1	5443185	5439715	5372567	5418489	0.73	cps
Yttrium	89-2	823108	816970	828960	823013	0.73	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3038-03	Instrumnet Name :	P7
Client Sample ID :	LF012MW200-190522	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 15:11:02	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	183243	184596	181843	183227	0.75	cps
Zirconium	90-1	3151	2934	3142	3076	3.99	cps
Zirconium	91-1	717	692	650	686	4.91	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3038-04	Instrumnet Name :	P7
Client Sample ID :	LF012OW009-190523	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 15:14:38	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	892	883	933	903	2.97	cps
Antimony	121-1	6368	6510	6885	6588	4.05	cps
Arsenic	75-2	882	930	948	920	3.74	cps
Barium	135-1	335486	332890	334851	334409	0.40	cps
Barium	137-1	584152	574277	580343	579591	0.86	cps
Beryllium	9-1	120	70	80	90	29.40	cps
Bismuth	209-1	5600381	5539523	5569590	5569831	0.55	cps
Bismuth	209-2	2356984	2720538	3144053	2740525	14.37	cps
Boron	10-1	51622	52626	49991	51413	2.59	cps
Boron	11-1	237689	236135	230380	234734	1.64	cps
Cadmium	111-1	643	665	737	682	7.21	cps
Cadmium	106-1	1192	1292	1325	1270	5.47	cps
Cadmium	108-1	4	38	13	18	96.06	cps
Calcium	43-1	2212300	2180591	2153423	2182105	1.35	cps
Calcium	44-1	36359464	35736075	35288256	35794598	1.50	cps
Chromium	52-2	1353	1340	1163	1286	8.25	cps
Cobalt	59-2	863	803	723	797	8.82	cps
Copper	63-2	4764	4994	4971	4910	2.58	cps
Dysprosium	156-1	42	58	42	47	20.38	cps
Dysprosium	156-2	47	43	13	34	53.31	cps
Erbium	164-1	58	83	67	69	18.33	cps
Erbium	164-2	40	37	30	36	14.32	cps
Gadolinium	160-1	58	92	42	64	39.85	cps
Gadolinium	160-2	90	87	130	102	23.59	cps
Holmium	165-1	8202387	8226123	8204899	8211136	0.16	cps
Holmium	165-2	3125794	3586135	4208565	3640164	14.93	cps
Indium	115-1	4806939	4727545	4707778	4747421	1.11	cps
Indium	115-2	716448	821873	958390	832237	14.58	cps
Iron	56-2	7082352	7109466	7010630	7067482	0.72	cps
Iron	57-2	185615	186643	186108	186122	0.28	cps
Krypton	83-1	153	107	110	123	21.11	cps
Lead	206-1	2134	2234	2100	2156	3.22	cps
Lead	207-1	1845	1795	1800	1813	1.51	cps
Lead	208-1	8390	8657	8112	8386	3.25	cps
Lithium	6-1	1550216	1520099	1505992	1525436	1.48	cps
Magnesium	24-2	1826376	1825870	1790174	1814140	1.14	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3038-04	Instrumnet Name :	P7
Client Sample ID :	LF012OW009-190523	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 15:14:38	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	320728	322020	320345	321031	0.27	cps
Molybdenum	94-1	2550	2492	2484	2509	1.45	cps
Molybdenum	95-1	3342	3509	3050	3301	7.03	cps
Molybdenum	96-1	3684	4017	4151	3951	6.09	cps
Molybdenum	97-1	2200	2217	2000	2139	5.64	cps
Molybdenum	98-1	5310	5051	5326	5229	2.95	cps
Neodymium	150-1	93	267	113	158	60.12	cps
Neodymium	150-2	33	40	53	42	24.12	cps
Nickel	60-2	587	627	537	583	7.73	cps
Phosphorus	31-2	300	225	292	272	15.10	cps
Potassium	39-2	558359	557479	554866	556901	0.33	cps
Rhodium	103-1	3988705	3919009	3895466	3934393	1.23	cps
Rhodium	103-2	1355873	1557836	1821497	1578402	14.79	cps
Scandium	45-1	2612010	2555955	2536720	2568228	1.52	cps
Scandium	45-2	78830	87730	105230	90597	14.83	cps
Selenium	77-2	10	0	3	4	114.60	cps
Selenium	78-2	41	20	39	33	33.79	cps
Selenium	82-1	317	306	337	320	4.94	cps
Silicon	28-1	26936997	26367896	26024803	26443232	1.74	cps
Silver	109-1	817	717	692	742	8.92	cps
Silver	107-1	717	917	867	833	12.49	cps
Sodium	23-2	7583445	7583903	7483138	7550162	0.77	cps
Strontium	86-1	1310962	1289121	1286105	1295396	1.05	cps
Strontium	88-1	11641468	11551309	11529447	11574075	0.51	cps
Sulfur	34-1	772314	756007	746625	758315	1.71	cps
Terbium	159-1	8259372	8199854	8271491	8243572	0.47	cps
Terbium	159-2	2971998	3441372	4022242	3478537	15.12	cps
Thallium	203-1	675	600	583	619	7.88	cps
Thallium	205-1	1508	1367	1442	1439	4.93	cps
Thorium	232-1	1022	906	961	963	6.06	cps
Tin	118-1	7702	8608	7552	7954	7.18	cps
Titanium	47-1	1692	1984	2159	1945	12.13	cps
Uranium	238-1	12715	13558	12356	12876	4.79	cps
Vanadium	51-2	557	507	523	529	4.81	cps
Yttrium	89-1	4889748	4863812	4864873	4872811	0.30	cps
Yttrium	89-2	519571	589279	689446	599432	14.25	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3038-04	Instrumnet Name :	P7
Client Sample ID :	LF012OW009-190523	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 15:14:38	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1270	1167	1197	1211	4.39	cps
Zirconium	90-1	1575	1400	1667	1547	8.76	cps
Zirconium	91-1	308	400	475	394	21.16	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3038-05	Instrumnet Name :	P7
Client Sample ID :	LF012MW001-190523	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 15:18:14	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	642	608	600	617	3.58	cps
Antimony	121-1	4468	4909	4943	4773	5.56	cps
Arsenic	75-2	863	928	843	878	5.07	cps
Barium	135-1	54976	55094	57637	55902	2.69	cps
Barium	137-1	95696	99094	100143	98311	2.36	cps
Beryllium	9-1	103	60	83	82	26.38	cps
Bismuth	209-1	4889914	5062577	5287811	5080101	3.93	cps
Bismuth	209-2	3011356	3040324	3071946	3041209	1.00	cps
Boron	10-1	126097	129409	137975	131160	4.67	cps
Boron	11-1	576443	598417	628572	601144	4.35	cps
Cadmium	111-1	695	680	655	677	2.98	cps
Cadmium	106-1	1300	1183	1192	1225	5.31	cps
Cadmium	108-1	13	17	4	11	57.27	cps
Calcium	43-1	6161604	6335644	6424948	6307399	2.12	cps
Calcium	44-1	100182971	102156734	104203982	102181229	1.97	cps
Chromium	52-2	1787	1607	1673	1689	5.39	cps
Cobalt	59-2	1830	1843	1900	1858	2.00	cps
Copper	63-2	4794	4938	5241	4991	4.57	cps
Dysprosium	156-1	67	50	42	53	24.12	cps
Dysprosium	156-2	50	3	20	24	96.76	cps
Erbium	164-1	58	33	92	61	47.89	cps
Erbium	164-2	23	23	37	28	27.73	cps
Gadolinium	160-1	100	42	50	64	49.39	cps
Gadolinium	160-2	83	140	123	116	25.20	cps
Holmium	165-1	7616949	7869556	8148478	7878328	3.37	cps
Holmium	165-2	4224843	4259252	4307918	4264004	0.98	cps
Indium	115-1	4361141	4420325	4562159	4447875	2.32	cps
Indium	115-2	946427	956350	971125	957967	1.30	cps
Iron	56-2	11737574	11783355	11862277	11794402	0.53	cps
Iron	57-2	322066	325867	327122	325019	0.81	cps
Krypton	83-1	160	177	177	171	5.62	cps
Lead	206-1	1839	1522	1700	1687	9.41	cps
Lead	207-1	1439	1428	1572	1480	5.43	cps
Lead	208-1	6584	6312	6818	6571	3.85	cps
Lithium	6-1	1405566	1426713	1455501	1429260	1.75	cps
Magnesium	24-2	10312292	10335161	10381535	10342996	0.34	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3038-05	Instrumnet Name :	P7
Client Sample ID :	LF012MW001-190523	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 15:18:14	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	298430	298633	298263	298442	0.06	cps
Molybdenum	94-1	1750	1867	2084	1900	8.90	cps
Molybdenum	95-1	2450	2684	2700	2611	5.35	cps
Molybdenum	96-1	3000	2925	3067	2998	2.37	cps
Molybdenum	97-1	1700	1558	1608	1622	4.43	cps
Molybdenum	98-1	3901	4092	4368	4120	5.70	cps
Neodymium	150-1	80	20	113	71	66.51	cps
Neodymium	150-2	13	27	27	22	34.66	cps
Nickel	60-2	1577	1653	1720	1650	4.35	cps
Phosphorus	31-2	100	92	142	111	24.11	cps
Potassium	39-2	1085620	1092654	1111378	1096551	1.21	cps
Rhodium	103-1	3537634	3590188	3694794	3607539	2.22	cps
Rhodium	103-2	1757727	1780145	1796325	1778066	1.09	cps
Scandium	45-1	2374092	2408784	2463368	2415415	1.86	cps
Scandium	45-2	105868	106408	105150	105809	0.60	cps
Selenium	77-2	3	7	7	6	34.70	cps
Selenium	78-2	28	15	26	23	30.72	cps
Selenium	82-1	301	316	289	302	4.51	cps
Silicon	28-1	27260458	27707475	28372169	27780034	2.01	cps
Silver	109-1	1167	833	875	958	18.95	cps
Silver	107-1	1033	983	950	989	4.24	cps
Sodium	23-2	24303877	24378574	24562069	24414840	0.54	cps
Strontium	86-1	5397257	5542470	5674631	5538119	2.51	cps
Strontium	88-1	46569609	48158377	49317001	48014996	2.87	cps
Sulfur	34-1	9270836	9472679	9665278	9469598	2.08	cps
Terbium	159-1	7636589	7882429	8111777	7876932	3.02	cps
Terbium	159-2	4007676	4056960	4116464	4060367	1.34	cps
Thallium	203-1	275	292	333	300	10.02	cps
Thallium	205-1	783	642	633	686	12.29	cps
Thorium	232-1	772	572	711	685	14.96	cps
Tin	118-1	5718	6127	6577	6140	7.00	cps
Titanium	47-1	1108	933	1258	1100	14.79	cps
Uranium	238-1	25100	27121	27831	26684	5.31	cps
Vanadium	51-2	780	940	847	856	9.39	cps
Yttrium	89-1	4487945	4568816	4690562	4582441	2.23	cps
Yttrium	89-2	696970	706029	708664	703888	0.87	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3038-05	Instrumnet Name :	P7
Client Sample ID :	LF012MW001-190523	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 15:18:14	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	900	790	823	838	6.73	cps
Zirconium	90-1	1609	1642	1842	1697	7.44	cps
Zirconium	91-1	392	425	408	408	4.08	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	CCV43	Instrumnet Name :	P7
Client Sample ID :	CCV43	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 15:26:34	DataFile Name :	034CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2642765	2660883	2650129	2651259	0.34	cps
Antimony	121-1	2600473	2608975	2609706	2606385	0.20	cps
Arsenic	75-2	79951	80100	81409	80487	1.00	cps
Barium	135-1	3846297	3816392	3854665	3839118	0.52	cps
Barium	137-1	6805466	6855184	6849828	6836826	0.40	cps
Beryllium	9-1	514520	522286	525502	520769	1.08	cps
Bismuth	209-1	5628085	5614721	5706658	5649822	0.88	cps
Bismuth	209-2	3427251	3485130	3478320	3463567	0.91	cps
Boron	10-1	80154	83028	85449	82877	3.20	cps
Boron	11-1	354600	359883	367881	360788	1.85	cps
Cadmium	111-1	714895	717526	725319	719247	0.75	cps
Cadmium	106-1	77093	81182	79950	79408	2.64	cps
Cadmium	108-1	54333	54935	55006	54758	0.68	cps
Calcium	43-1	3737503	3742025	3778106	3752545	0.59	cps
Calcium	44-1	61286078	61881199	62005031	61724103	0.62	cps
Chromium	52-2	704602	715141	715589	711778	0.87	cps
Cobalt	59-2	1063001	1071123	1069641	1067921	0.41	cps
Copper	63-2	1603801	1618818	1624871	1615830	0.67	cps
Dysprosium	156-1	142	67	67	92	47.24	cps
Dysprosium	156-2	90	90	87	89	2.16	cps
Erbium	164-1	50	25	50	42	34.64	cps
Erbium	164-2	13	20	33	22	45.83	cps
Gadolinium	160-1	17	25	42	28	45.82	cps
Gadolinium	160-2	177	163	127	156	16.64	cps
Holmium	165-1	8910598	8910551	9008441	8943197	0.63	cps
Holmium	165-2	5041613	5114352	5077983	5077983	0.72	cps
Indium	115-1	5110845	5099218	5169438	5126500	0.73	cps
Indium	115-2	1134582	1161292	1161241	1152371	1.34	cps
Iron	56-2	145509281	144871698	146083287	145488088	0.42	cps
Iron	57-2	3646573	3682596	3663756	3664309	0.49	cps
Krypton	83-1	173	137	103	138	25.41	cps
Lead	206-1	2939974	2945637	2972865	2952825	0.60	cps
Lead	207-1	2666999	2672926	2682281	2674069	0.29	cps
Lead	208-1	12092860	12130947	12220939	12148249	0.54	cps
Lithium	6-1	1588784	1601903	1629019	1606569	1.28	cps
Magnesium	24-2	26929188	27099032	27145926	27058049	0.42	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	CCV43	Instrumnet Name :	P7
Client Sample ID :	CCV43	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 15:26:34	DataFile Name :	034CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	914309	920634	922289	919077	0.46	cps
Molybdenum	94-1	5532964	5543983	5554274	5543740	0.19	cps
Molybdenum	95-1	6665500	6731876	6743164	6713513	0.63	cps
Molybdenum	96-1	7430466	7506540	7545896	7494301	0.78	cps
Molybdenum	97-1	4096205	4105963	4136212	4112793	0.51	cps
Molybdenum	98-1	10825973	10870716	10875080	10857257	0.25	cps
Neodymium	150-1	287	327	273	296	9.39	cps
Neodymium	150-2	60	43	60	54	17.68	cps
Nickel	60-2	255947	258257	259660	257955	0.73	cps
Phosphorus	31-2	24463	23861	24613	24312	1.63	cps
Potassium	39-2	14291237	14395366	14397275	14361293	0.42	cps
Rhodium	103-1	4085767	4077261	4134375	4099134	0.75	cps
Rhodium	103-2	2101093	2158815	2153595	2137834	1.49	cps
Scandium	45-1	3020160	3016653	3078019	3038277	1.13	cps
Scandium	45-2	141834	145049	142525	143136	1.18	cps
Selenium	77-2	2117	2270	2257	2215	3.84	cps
Selenium	78-2	7643	7886	7676	7735	1.70	cps
Selenium	82-1	47119	47437	47858	47472	0.78	cps
Silicon	28-1	1628355	1661867	1684462	1658228	1.70	cps
Silver	109-1	3170746	3179600	3177692	3176013	0.15	cps
Silver	107-1	3256300	3310882	3296545	3287909	0.86	cps
Sodium	23-2	53199631	53582656	53676224	53486171	0.47	cps
Strontium	86-1	882658	881751	888102	884170	0.39	cps
Strontium	88-1	7873461	7874706	7909796	7885988	0.26	cps
Sulfur	34-1	358634	361132	363001	360922	0.61	cps
Terbium	159-1	8815418	8884089	9040112	8913206	1.29	cps
Terbium	159-2	4742561	4866204	4795766	4801510	1.29	cps
Thallium	203-1	3641229	3641901	3663544	3648891	0.35	cps
Thallium	205-1	9005413	8976735	9016616	8999588	0.23	cps
Thorium	232-1	15479260	15491353	15631807	15534140	0.55	cps
Tin	118-1	2309849	2319705	2323037	2317530	0.30	cps
Titanium	47-1	1713833	1720499	1728291	1720874	0.42	cps
Uranium	238-1	15161137	15019463	15281994	15154198	0.87	cps
Vanadium	51-2	595710	601489	599429	598876	0.49	cps
Yttrium	89-1	5389045	5406729	5479227	5425000	0.88	cps
Yttrium	89-2	867484	891731	889669	882961	1.52	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	CCV43	Instrumnet Name :	P7
Client Sample ID :	CCV43	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 15:26:34	DataFile Name :	034CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	258344	261279	260816	260146	0.61	cps
Zirconium	90-1	4588851	4731811	4733651	4684771	1.77	cps
Zirconium	91-1	1044721	1042108	1055242	1047357	0.66	cps

LB Number : LB103176 Operator : Jaswal
 Lab Sample ID : CCB43 Instrumnet Name : P7
 Client Sample ID : CCB43 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-03 15:30:13 DataFile Name : 035CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	183	183	233	200	14.43	cps
Antimony	121-1	2059	2259	2250	2189	5.17	cps
Arsenic	75-2	20	11	17	16	29.04	cps
Barium	135-1	367	358	333	353	4.92	cps
Barium	137-1	650	458	467	525	20.63	cps
Beryllium	9-1	223	140	203	189	23.03	cps
Bismuth	209-1	6472303	6498127	6529609	6500013	0.44	cps
Bismuth	209-2	3857503	3849026	3609690	3772073	3.73	cps
Boron	10-1	6218	5576	5143	5646	9.58	cps
Boron	11-1	26599	24629	24470	25233	4.70	cps
Cadmium	111-1	1019	1018	937	991	4.74	cps
Cadmium	106-1	1909	1792	1767	1822	4.15	cps
Cadmium	108-1	8	4	13	8	49.98	cps
Calcium	43-1	417	450	367	411	10.20	cps
Calcium	44-1	9945	8970	9303	9406	5.27	cps
Chromium	52-2	427	500	447	458	8.28	cps
Cobalt	59-2	103	107	117	109	6.37	cps
Copper	63-2	763	860	730	784	8.61	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	25	17	17	19	24.73	cps
Erbium	164-2	23	17	20	20	16.65	cps
Gadolinium	160-1	42	8	17	22	78.07	cps
Gadolinium	160-2	97	130	77	101	26.64	cps
Holmium	165-1	9182530	9165236	9246545	9198104	0.47	cps
Holmium	165-2	5122512	5105890	4627989	4952130	5.67	cps
Indium	115-1	5719080	5706156	5786644	5737293	0.75	cps
Indium	115-2	1234329	1235645	1153461	1207812	3.90	cps
Iron	56-2	11194	12617	13562	12458	9.57	cps
Iron	57-2	294	289	461	348	28.11	cps
Krypton	83-1	113	110	113	112	1.72	cps
Lead	206-1	872	989	928	930	6.28	cps
Lead	207-1	817	939	806	854	8.67	cps
Lead	208-1	3734	3889	3717	3780	2.51	cps
Lithium	6-1	1709097	1703903	1723904	1712301	0.61	cps
Magnesium	24-2	1867	2309	2867	2348	21.35	cps

LB Number : LB103176 Operator : Jaswal
 Lab Sample ID : CCB43 Instrumnet Name : P7
 Client Sample ID : CCB43 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-03 15:30:13 DataFile Name : 035CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	83	83	160	109	40.65	cps
Molybdenum	94-1	1400	1175	1142	1239	11.34	cps
Molybdenum	95-1	1950	1567	1425	1647	16.49	cps
Molybdenum	96-1	1992	2000	1417	1803	18.55	cps
Molybdenum	97-1	1042	1108	1050	1067	3.41	cps
Molybdenum	98-1	2859	2659	2434	2650	8.02	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	77	80	93	83	10.59	cps
Phosphorus	31-2	50	100	50	67	43.30	cps
Potassium	39-2	6785	7169	6977	6977	2.75	cps
Rhodium	103-1	4946744	4915460	4985712	4949305	0.71	cps
Rhodium	103-2	2393640	2388038	2244661	2342113	3.61	cps
Scandium	45-1	3216252	3219153	3239982	3225129	0.40	cps
Scandium	45-2	143029	144826	133653	140503	4.27	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	24	37	22	28	29.07	cps
Selenium	82-1	216	248	256	240	8.72	cps
Silicon	28-1	97383	93550	93860	94931	2.24	cps
Silver	109-1	683	475	558	572	18.33	cps
Silver	107-1	450	583	442	492	16.17	cps
Sodium	23-2	9370	9036	9670	9359	3.39	cps
Strontium	86-1	358	258	383	333	19.84	cps
Strontium	88-1	1083	883	1017	995	10.24	cps
Sulfur	34-1	106941	108351	108242	107844	0.73	cps
Terbium	159-1	9273395	9232011	9325428	9276945	0.50	cps
Terbium	159-2	4822861	4784024	4493460	4700115	3.83	cps
Thallium	203-1	1150	1142	1000	1097	7.68	cps
Thallium	205-1	2775	2600	2450	2609	6.24	cps
Thorium	232-1	4067	3589	3328	3662	10.24	cps
Tin	118-1	1292	1325	1192	1270	5.47	cps
Titanium	47-1	167	142	225	178	24.06	cps
Uranium	238-1	1333	1008	1050	1131	15.64	cps
Vanadium	51-2	57	43	27	42	35.60	cps
Yttrium	89-1	5740655	5797586	5802369	5780203	0.59	cps
Yttrium	89-2	900877	898050	835243	878057	4.23	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	CCB43	Instrumnet Name :	P7
Client Sample ID :	CCB43	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 15:30:13	DataFile Name :	035CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	223	250	213	229	8.28	cps
Zirconium	90-1	1033	1125	1075	1078	4.26	cps
Zirconium	91-1	267	208	150	208	28.00	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3028-09DLX2	Instrumnet Name :	P7
Client Sample ID :	MH0BC2DL	Dilution Factor :	2
Date & Time Acquired ::	2019-06-03 15:33:50	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	335392	335560	338127	336360	0.46	cps
Antimony	121-1	96295	93678	94358	94777	1.43	cps
Arsenic	75-2	88085	89124	88860	88690	0.61	cps
Barium	135-1	116754	116300	116508	116521	0.19	cps
Barium	137-1	203538	201855	206100	203831	1.05	cps
Beryllium	9-1	973	1080	1010	1021	5.31	cps
Bismuth	209-1	6177050	6191911	5664869	6011277	4.99	cps
Bismuth	209-2	3633723	3679964	3640816	3651501	0.68	cps
Boron	10-1	19655	19955	20298	19969	1.61	cps
Boron	11-1	88919	86506	87771	87732	1.38	cps
Cadmium	111-1	19284	19263	19310	19286	0.12	cps
Cadmium	106-1	3842	3809	3826	3826	0.44	cps
Cadmium	108-1	1392	1363	1354	1370	1.44	cps
Calcium	43-1	3116878	3104276	3113548	3111568	0.21	cps
Calcium	44-1	51159415	51091488	51044595	51098499	0.11	cps
Chromium	52-2	24457	24521	24664	24547	0.43	cps
Cobalt	59-2	19373	19189	19283	19282	0.48	cps
Copper	63-2	1374074	1386674	1379010	1379919	0.46	cps
Dysprosium	156-1	21743	20925	20967	21212	2.17	cps
Dysprosium	156-2	11615	11742	11712	11690	0.57	cps
Erbium	164-1	20524	20341	19197	20021	3.59	cps
Erbium	164-2	10114	10951	10548	10538	3.97	cps
Gadolinium	160-1	19940	19631	20466	20013	2.11	cps
Gadolinium	160-2	11962	12219	12069	12083	1.07	cps
Holmium	165-1	9191411	9133518	8323490	8882806	5.46	cps
Holmium	165-2	4862431	5009082	4949704	4940406	1.49	cps
Indium	115-1	5583936	5588607	5077455	5416666	5.42	cps
Indium	115-2	1176270	1190768	1178309	1181782	0.66	cps
Iron	56-2	47342846	47365518	47365289	47357884	0.03	cps
Iron	57-2	1183766	1190222	1197002	1190330	0.56	cps
Krypton	83-1	160	160	133	151	10.19	cps
Lead	206-1	33410413	33138259	33383420	33310697	0.45	cps
Lead	207-1	27800301	27582901	27853632	27745611	0.52	cps
Lead	208-1	129638597	128419388	129758978	129272321	0.57	cps
Lithium	6-1	1642813	1632133	1490118	1588355	5.37	cps
Magnesium	24-2	2745156	2739379	2747556	2744030	0.15	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3028-09DLX2	Instrumnet Name :	P7
Client Sample ID :	MH0BC2DL	Dilution Factor :	2
Date & Time Acquired ::	2019-06-03 15:33:50	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3356777	3373290	3368368	3366145	0.25	cps
Molybdenum	94-1	39204	39622	39297	39375	0.56	cps
Molybdenum	95-1	49863	50424	50474	50253	0.68	cps
Molybdenum	96-1	55927	55818	55425	55723	0.47	cps
Molybdenum	97-1	31068	31352	31319	31246	0.50	cps
Molybdenum	98-1	82304	81063	80770	81379	1.00	cps
Neodymium	150-1	29238	30220	30802	30087	2.63	cps
Neodymium	150-2	12886	12983	13203	13024	1.25	cps
Nickel	60-2	17107	17174	17254	17178	0.43	cps
Phosphorus	31-2	1709	1817	2050	1859	9.40	cps
Potassium	39-2	281981	285499	287340	284940	0.96	cps
Rhodium	103-1	4522541	4503324	4057511	4361125	6.03	cps
Rhodium	103-2	2189310	2216022	2202313	2202548	0.61	cps
Scandium	45-1	3126526	3125054	2817000	3022860	5.90	cps
Scandium	45-2	134332	136105	134806	135081	0.68	cps
Selenium	77-2	83	83	93	87	6.66	cps
Selenium	78-2	248	224	239	237	5.12	cps
Selenium	82-1	1530	1528	1543	1534	0.54	cps
Silicon	28-1	5410106	5386744	5363363	5386737	0.43	cps
Silver	109-1	166088	166138	165078	165768	0.36	cps
Silver	107-1	174705	171551	173432	173229	0.92	cps
Sodium	23-2	929757	920009	923456	924407	0.53	cps
Strontium	86-1	3511574	3470413	3468850	3483612	0.70	cps
Strontium	88-1	31568651	31435393	31267519	31423855	0.48	cps
Sulfur	34-1	2927456	2905009	2886457	2906307	0.71	cps
Terbium	159-1	9194375	9211747	8403630	8936584	5.17	cps
Terbium	159-2	4693184	4718119	4697355	4702886	0.28	cps
Thallium	203-1	6143	5760	5843	5915	3.41	cps
Thallium	205-1	14575	14116	13833	14175	2.64	cps
Thorium	232-1	101458	101570	103587	102205	1.17	cps
Tin	118-1	18897	18062	18463	18474	2.26	cps
Titanium	47-1	118792	115641	116961	117131	1.35	cps
Uranium	238-1	573013	573297	575129	573813	0.20	cps
Vanadium	51-2	46704	46336	45881	46307	0.89	cps
Yttrium	89-1	5846141	5881806	5339044	5688997	5.34	cps
Yttrium	89-2	890236	895173	885057	890156	0.57	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3028-09DLX2	Instrumnet Name :	P7
Client Sample ID :	MH0BC2DL	Dilution Factor :	2
Date & Time Acquired ::	2019-06-03 15:33:50	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1486248	1497892	1502189	1495443	0.55	cps
Zirconium	90-1	30141	29657	30091	29963	0.89	cps
Zirconium	91-1	7219	7244	6919	7127	2.54	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3030-11DLX2	Instrumnet Name :	P7
Client Sample ID :	MH0BG2DL	Dilution Factor :	2
Date & Time Acquired ::	2019-06-03 15:37:26	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1204035	1194150	1184074	1194086	0.84	cps
Antimony	121-1	9637	9412	9545	9531	1.19	cps
Arsenic	75-2	4462	4534	4725	4574	2.97	cps
Barium	135-1	1784480	1754472	1735174	1758042	1.41	cps
Barium	137-1	3081101	3045435	3027299	3051278	0.90	cps
Beryllium	9-1	2760	2620	2807	2729	3.56	cps
Bismuth	209-1	6256493	6213335	6211672	6227167	0.41	cps
Bismuth	209-2	3627260	3655099	3663461	3648607	0.52	cps
Boron	10-1	22768	22375	24237	23127	4.24	cps
Boron	11-1	105902	105911	105174	105662	0.40	cps
Cadmium	111-1	13933	14160	13711	13935	1.61	cps
Cadmium	106-1	3451	3609	3726	3595	3.84	cps
Cadmium	108-1	992	983	975	983	0.85	cps
Calcium	43-1	1285635	1266785	1237728	1263383	1.91	cps
Calcium	44-1	21027152	20745833	20536538	20769841	1.19	cps
Chromium	52-2	1529614	1521816	1517542	1522991	0.40	cps
Cobalt	59-2	67735	67046	67511	67431	0.52	cps
Copper	63-2	191626	190677	188318	190207	0.90	cps
Dysprosium	156-1	52067	53932	51815	52605	2.20	cps
Dysprosium	156-2	28727	29061	29926	29238	2.12	cps
Erbium	164-1	50937	51423	49876	50745	1.56	cps
Erbium	164-2	27261	27097	27040	27133	0.42	cps
Gadolinium	160-1	51297	52092	50142	51177	1.92	cps
Gadolinium	160-2	30243	30688	30016	30316	1.13	cps
Holmium	165-1	9269955	9269095	9175694	9238248	0.59	cps
Holmium	165-2	4896626	4879978	5016583	4931062	1.51	cps
Indium	115-1	5545305	5492356	5480094	5505918	0.63	cps
Indium	115-2	1155105	1162562	1154519	1157396	0.39	cps
Iron	56-2	90371544	89460227	89254377	89695383	0.66	cps
Iron	57-2	2225024	2220783	2209439	2218416	0.36	cps
Krypton	83-1	130	140	163	144	11.84	cps
Lead	206-1	2988295	2959773	2952638	2966902	0.64	cps
Lead	207-1	2511408	2494832	2478300	2494847	0.66	cps
Lead	208-1	11807117	11714794	11662215	11728042	0.63	cps
Lithium	6-1	1641279	1620642	1601488	1621136	1.23	cps
Magnesium	24-2	4602146	4568566	4537430	4569381	0.71	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3030-11DLX2	Instrumnet Name :	P7
Client Sample ID :	MH0BG2DL	Dilution Factor :	2
Date & Time Acquired ::	2019-06-03 15:37:26	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1809043	1805217	1803458	1805906	0.16	cps
Molybdenum	94-1	35261	33565	33465	34097	2.96	cps
Molybdenum	95-1	27369	26618	27085	27024	1.40	cps
Molybdenum	96-1	33958	34192	32647	33599	2.48	cps
Molybdenum	97-1	16719	17194	16727	16880	1.61	cps
Molybdenum	98-1	44353	43075	43416	43615	1.52	cps
Neodymium	150-1	77531	77624	78268	77808	0.52	cps
Neodymium	150-2	33300	32979	33207	33162	0.50	cps
Nickel	60-2	353630	356086	352469	354062	0.52	cps
Phosphorus	31-2	2884	2967	2700	2850	4.79	cps
Potassium	39-2	510334	504362	501874	505524	0.86	cps
Rhodium	103-1	4592777	4547427	4509720	4549974	0.91	cps
Rhodium	103-2	2195853	2199781	2192963	2196199	0.16	cps
Scandium	45-1	3240060	3195863	3164649	3200191	1.18	cps
Scandium	45-2	135695	136922	135704	136107	0.52	cps
Selenium	77-2	50	67	60	59	14.25	cps
Selenium	78-2	163	133	150	149	9.98	cps
Selenium	82-1	829	845	797	824	2.97	cps
Silicon	28-1	34955582	34481883	33996754	34478073	1.39	cps
Silver	109-1	10913	10963	10880	10919	0.38	cps
Silver	107-1	11147	11847	11397	11463	3.10	cps
Sodium	23-2	1399080	1389208	1387182	1391823	0.46	cps
Strontium	86-1	1859924	1807185	1796425	1821178	1.87	cps
Strontium	88-1	16574959	16300074	16161063	16345365	1.29	cps
Sulfur	34-1	171231	168056	166403	168563	1.46	cps
Terbium	159-1	9312999	9237271	9236721	9262331	0.47	cps
Terbium	159-2	4695072	4693468	4721986	4703509	0.34	cps
Thallium	203-1	6110	5860	5885	5952	2.31	cps
Thallium	205-1	14191	14050	14250	14164	0.73	cps
Thorium	232-1	216534	213487	213920	214647	0.77	cps
Tin	118-1	19489	18772	18071	18777	3.78	cps
Titanium	47-1	298166	290534	289172	292624	1.66	cps
Uranium	238-1	191755	187714	187357	188942	1.29	cps
Vanadium	51-2	114702	113542	113274	113839	0.67	cps
Yttrium	89-1	6323797	6243134	6204861	6257264	0.97	cps
Yttrium	89-2	938333	938909	938185	938476	0.04	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3030-11DLX2	Instrumnet Name :	P7
Client Sample ID :	MH0BG2DL	Dilution Factor :	2
Date & Time Acquired ::	2019-06-03 15:37:26	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	195787	196131	196252	196057	0.12	cps
Zirconium	90-1	50833	50298	48792	49974	2.12	cps
Zirconium	91-1	11447	11488	11280	11405	0.97	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3028-20A	Instrumnet Name :	P7
Client Sample ID :	MH0BB8A	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 15:41:03	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	647691	657298	647815	650935	0.85	cps
Antimony	121-1	46804	46561	45399	46255	1.62	cps
Arsenic	75-2	21746	21240	21518	21501	1.18	cps
Barium	135-1	2948047	2929531	2919426	2932335	0.50	cps
Barium	137-1	5259570	5268088	5239797	5255818	0.28	cps
Beryllium	9-1	2150	2197	2237	2195	1.98	cps
Bismuth	209-1	6075486	6248713	6267887	6197362	1.71	cps
Bismuth	209-2	3584705	3194608	3687596	3488970	7.45	cps
Boron	10-1	17252	17778	17377	17469	1.57	cps
Boron	11-1	76242	77724	78563	77510	1.52	cps
Cadmium	111-1	102212	99119	100114	100482	1.57	cps
Cadmium	106-1	11630	11280	11839	11583	2.44	cps
Cadmium	108-1	6885	6618	6598	6700	2.39	cps
Calcium	43-1	4404501	4379550	4380532	4388194	0.32	cps
Calcium	44-1	71495325	71191304	71053195	71246608	0.32	cps
Chromium	52-2	65133	66462	65541	65712	1.04	cps
Cobalt	59-2	50922	51734	52484	51713	1.51	cps
Copper	63-2	1189300	1205473	1191111	1195295	0.74	cps
Dysprosium	156-1	73832	73597	73866	73765	0.20	cps
Dysprosium	156-2	41626	42068	41456	41717	0.76	cps
Erbium	164-1	69954	69176	69619	69583	0.56	cps
Erbium	164-2	37291	38227	37525	37681	1.29	cps
Gadolinium	160-1	75072	74855	74435	74787	0.43	cps
Gadolinium	160-2	44311	45218	44117	44549	1.32	cps
Holmium	165-1	9062908	9302500	9296826	9220745	1.48	cps
Holmium	165-2	5060758	4264700	5094545	4806668	9.77	cps
Indium	115-1	5372457	5505669	5510076	5462734	1.43	cps
Indium	115-2	1156407	1007342	1178877	1114209	8.37	cps
Iron	56-2	78701249	79462855	78463846	78875983	0.66	cps
Iron	57-2	1963610	1979420	1964396	1969142	0.45	cps
Krypton	83-1	150	170	170	163	7.07	cps
Lead	206-1	15202148	15282595	15237592	15240778	0.26	cps
Lead	207-1	12823350	12817167	12774457	12804992	0.21	cps
Lead	208-1	59313509	59442252	59379161	59378307	0.11	cps
Lithium	6-1	1546592	1574501	1567069	1562721	0.92	cps
Magnesium	24-2	2333238	2360201	2326692	2340044	0.76	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3028-20A	Instrumnet Name :	P7
Client Sample ID :	MH0BB8A	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 15:41:03	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1837439	1857295	1847238	1847324	0.54	cps
Molybdenum	94-1	37024	39447	38988	38486	3.34	cps
Molybdenum	95-1	49453	49570	49629	49551	0.18	cps
Molybdenum	96-1	57107	55994	54931	56011	1.94	cps
Molybdenum	97-1	31293	30241	30684	30740	1.72	cps
Molybdenum	98-1	80040	80259	80419	80240	0.24	cps
Neodymium	150-1	109169	108477	107362	108336	0.84	cps
Neodymium	150-2	46746	47020	46515	46760	0.54	cps
Nickel	60-2	55388	57358	55786	56177	1.85	cps
Phosphorus	31-2	7144	7252	7427	7274	1.97	cps
Potassium	39-2	712294	719074	707812	713060	0.80	cps
Rhodium	103-1	4291494	4425456	4410368	4375773	1.68	cps
Rhodium	103-2	2156826	1875569	2193974	2075456	8.39	cps
Scandium	45-1	2991414	3058800	3065940	3038718	1.35	cps
Scandium	45-2	133782	116545	136378	128902	8.36	cps
Selenium	77-2	177	197	203	192	7.22	cps
Selenium	78-2	415	437	450	434	4.10	cps
Selenium	82-1	2618	2728	2577	2641	2.95	cps
Silicon	28-1	10873940	10797966	10722234	10798047	0.70	cps
Silver	109-1	60070	59869	58672	59537	1.27	cps
Silver	107-1	63350	62706	60614	62223	2.30	cps
Sodium	23-2	277870	281297	275282	278150	1.08	cps
Strontium	86-1	3064788	3070565	3069380	3068244	0.10	cps
Strontium	88-1	27725232	27644960	27588139	27652777	0.25	cps
Sulfur	34-1	744765	743613	738088	742155	0.48	cps
Terbium	159-1	9058505	9379774	9374565	9270948	1.98	cps
Terbium	159-2	4850515	4122451	4879437	4617468	9.29	cps
Thallium	203-1	18939	18280	17896	18372	2.87	cps
Thallium	205-1	44301	44191	44567	44353	0.44	cps
Thorium	232-1	127624	127500	127511	127545	0.05	cps
Tin	118-1	33583	33123	33307	33338	0.69	cps
Titanium	47-1	94367	94694	94460	94507	0.18	cps
Uranium	238-1	487352	486509	483232	485698	0.45	cps
Vanadium	51-2	149292	149555	149067	149305	0.16	cps
Yttrium	89-1	6180747	6337739	6319227	6279238	1.37	cps
Yttrium	89-2	958642	851191	972227	927353	7.15	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3028-20A	Instrumnet Name :	P7
Client Sample ID :	MH0BB8A	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 15:41:03	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1672759	1691262	1679863	1681295	0.56	cps
Zirconium	90-1	30249	29548	29089	29629	1.97	cps
Zirconium	91-1	6677	7010	6852	6846	2.44	cps

LB Number : LB103176 Operator : Jaswal
 Lab Sample ID : PB120266BSRE Instrumnet Name : P7
 Client Sample ID : PB120266BSRE Dilution Factor : 1
 Date & Time Acquired :: 2019-06-03 15:48:31 DataFile Name : 039CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2720626	2713559	2694366	2709517	0.50	cps
Antimony	121-1	2970387	2980410	3029790	2993529	1.06	cps
Arsenic	75-2	82094	81957	81947	82000	0.10	cps
Barium	135-1	3789250	3803305	3852331	3814962	0.87	cps
Barium	137-1	6771350	6807843	6864742	6814645	0.69	cps
Beryllium	9-1	511596	520317	525692	519201	1.37	cps
Bismuth	209-1	5538790	5095186	4997088	5210355	5.54	cps
Bismuth	209-2	2704782	3220372	3329847	3085000	10.82	cps
Boron	10-1	77482	79174	82374	79676	3.12	cps
Boron	11-1	340315	354403	367121	353946	3.79	cps
Cadmium	111-1	703686	714061	720191	712646	1.17	cps
Cadmium	106-1	80118	79305	79825	79749	0.52	cps
Cadmium	108-1	53451	53371	54433	53752	1.10	cps
Calcium	43-1	3683708	3762250	3813607	3753188	1.74	cps
Calcium	44-1	60572868	62144620	62987087	61901525	1.98	cps
Chromium	52-2	726943	726556	726321	726606	0.04	cps
Cobalt	59-2	1078032	1078991	1085874	1080966	0.40	cps
Copper	63-2	1634495	1640603	1643844	1639647	0.29	cps
Dysprosium	156-1	75	83	58	72	17.62	cps
Dysprosium	156-2	103	83	90	92	11.04	cps
Erbium	164-1	50	33	42	42	20.00	cps
Erbium	164-2	13	17	40	23	62.27	cps
Gadolinium	160-1	42	33	50	42	20.00	cps
Gadolinium	160-2	110	127	123	120	7.35	cps
Holmium	165-1	8779651	8042990	7960511	8261050	5.46	cps
Holmium	165-2	3905451	4646516	4827309	4459759	10.95	cps
Indium	115-1	5055421	4693426	4569133	4772660	5.29	cps
Indium	115-2	907269	1082385	1117346	1035667	10.87	cps
Iron	56-2	149192553	147672242	147760837	148208544	0.58	cps
Iron	57-2	3720557	3723569	3707036	3717054	0.24	cps
Krypton	83-1	157	113	107	126	21.62	cps
Lead	206-1	2886771	2908150	2916495	2903805	0.53	cps
Lead	207-1	2612498	2645640	2655779	2637972	0.86	cps
Lead	208-1	11877993	12032012	12050450	11986818	0.79	cps
Lithium	6-1	1575756	1489607	1464881	1510081	3.85	cps
Magnesium	24-2	27839657	27583971	27617145	27680258	0.50	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	PB120266BSRE	Instrumnet Name :	P7
Client Sample ID :	PB120266BSRE	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 15:48:31	DataFile Name :	039CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	940465	929717	933018	934400	0.59	cps
Molybdenum	94-1	5441995	5531777	5582855	5518876	1.29	cps
Molybdenum	95-1	6586343	6695779	6748717	6676946	1.24	cps
Molybdenum	96-1	7327596	7456710	7564000	7449435	1.59	cps
Molybdenum	97-1	4048570	4080105	4140092	4089589	1.14	cps
Molybdenum	98-1	10685297	10828978	10978767	10831014	1.35	cps
Neodymium	150-1	333	367	273	324	14.58	cps
Neodymium	150-2	43	37	67	49	32.22	cps
Nickel	60-2	262010	263037	262284	262444	0.20	cps
Phosphorus	31-2	24671	23628	25155	24485	3.19	cps
Potassium	39-2	14726950	14694365	14685238	14702185	0.15	cps
Rhodium	103-1	4058904	3724125	3701817	3828282	5.23	cps
Rhodium	103-2	1686695	2001526	2073044	1920422	10.70	cps
Scandium	45-1	3007870	2789968	2734921	2844253	5.07	cps
Scandium	45-2	113922	134783	140058	129587	10.67	cps
Selenium	77-2	2254	2334	2254	2280	2.03	cps
Selenium	78-2	8028	7861	7743	7878	1.82	cps
Selenium	82-1	46164	47215	47410	46930	1.43	cps
Silicon	28-1	1584708	1654389	1678012	1639036	2.96	cps
Silver	109-1	3125956	3165599	3175024	3155526	0.83	cps
Silver	107-1	3231863	3291203	3299687	3274251	1.13	cps
Sodium	23-2	54762497	54316960	54488524	54522660	0.41	cps
Strontium	86-1	867744	879379	893031	880051	1.44	cps
Strontium	88-1	7769788	7879799	7910956	7853515	0.94	cps
Sulfur	34-1	350258	360160	361869	357429	1.75	cps
Terbium	159-1	8796275	8018494	7961731	8258833	5.65	cps
Terbium	159-2	3757125	4467341	4589131	4271199	10.52	cps
Thallium	203-1	3564891	3592348	3645944	3601061	1.14	cps
Thallium	205-1	8790868	8844311	8905366	8846848	0.65	cps
Thorium	232-1	15216922	15380502	15376421	15324615	0.61	cps
Tin	118-1	2274799	2305623	2339336	2306586	1.40	cps
Titanium	47-1	1698894	1727104	1745840	1723946	1.37	cps
Uranium	238-1	14805289	14896174	14973338	14891600	0.56	cps
Vanadium	51-2	614828	614109	609334	612757	0.49	cps
Yttrium	89-1	5376692	4971255	4852693	5066880	5.42	cps
Yttrium	89-2	701448	832178	861733	798453	10.68	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	PB120266BSRE	Instrumnet Name :	P7
Client Sample ID :	PB120266BSRE	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 15:48:31	DataFile Name :	039CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	264778	265293	265809	265293	0.19	cps
Zirconium	90-1	4543952	4732403	4784930	4687095	2.70	cps
Zirconium	91-1	1029043	1039413	1046088	1038181	0.83	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	CCV44	Instrumnet Name :	P7
Client Sample ID :	CCV44	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 15:55:03	DataFile Name :	040CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2752671	2748480	2772829	2757993	0.47	cps
Antimony	121-1	3039527	3028981	3022127	3030212	0.29	cps
Arsenic	75-2	83342	83488	84339	83723	0.64	cps
Barium	135-1	3847976	3840988	3816353	3835106	0.43	cps
Barium	137-1	6873026	6868712	6834164	6858634	0.31	cps
Beryllium	9-1	542656	543175	543664	543165	0.09	cps
Bismuth	209-1	5621862	5569564	5664932	5618786	0.85	cps
Bismuth	209-2	3294398	3290089	3262446	3282311	0.53	cps
Boron	10-1	83070	85525	87762	85452	2.75	cps
Boron	11-1	360776	370722	376713	369404	2.18	cps
Cadmium	111-1	726549	725535	726129	726071	0.07	cps
Cadmium	106-1	80604	82096	80713	81138	1.03	cps
Cadmium	108-1	55784	55596	56353	55911	0.71	cps
Calcium	43-1	3894806	3894482	3863354	3884214	0.47	cps
Calcium	44-1	64158193	63831649	63592956	63860933	0.44	cps
Chromium	52-2	728815	733400	738354	733523	0.65	cps
Cobalt	59-2	1092393	1095711	1104116	1097407	0.55	cps
Copper	63-2	1626279	1631122	1640235	1632545	0.43	cps
Dysprosium	156-1	142	50	67	86	56.70	cps
Dysprosium	156-2	117	77	77	90	25.66	cps
Erbium	164-1	75	8	50	44	75.78	cps
Erbium	164-2	23	23	13	20	28.87	cps
Gadolinium	160-1	50	42	75	56	31.22	cps
Gadolinium	160-2	107	107	157	123	23.41	cps
Holmium	165-1	9009584	8933665	9035312	8992854	0.59	cps
Holmium	165-2	4792765	4810979	4730695	4778146	0.88	cps
Indium	115-1	5253018	5210371	5265254	5242881	0.55	cps
Indium	115-2	1117151	1128042	1112268	1119154	0.72	cps
Iron	56-2	150287231	149758964	151070137	150372111	0.44	cps
Iron	57-2	3752915	3769167	3803765	3775282	0.69	cps
Krypton	83-1	130	127	153	137	10.63	cps
Lead	206-1	2899983	2883818	2870215	2884672	0.52	cps
Lead	207-1	2632544	2628327	2614298	2625056	0.36	cps
Lead	208-1	11953713	11900382	11872423	11908839	0.35	cps
Lithium	6-1	1710137	1696350	1712341	1706276	0.51	cps
Magnesium	24-2	28100094	28197057	28283467	28193540	0.33	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	CCV44	Instrumnet Name :	P7
Client Sample ID :	CCV44	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 15:55:03	DataFile Name :	040CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	944689	947874	957081	949881	0.68	cps
Molybdenum	94-1	5640022	5613990	5599444	5617819	0.37	cps
Molybdenum	95-1	6811257	6793165	6778479	6794301	0.24	cps
Molybdenum	96-1	7607805	7598252	7578937	7594998	0.19	cps
Molybdenum	97-1	4156047	4143345	4157144	4152179	0.18	cps
Molybdenum	98-1	11017329	10999955	10938198	10985161	0.38	cps
Neodymium	150-1	347	360	453	387	15.03	cps
Neodymium	150-2	67	43	77	62	27.50	cps
Nickel	60-2	263275	265414	263794	264161	0.42	cps
Phosphorus	31-2	24396	25723	24863	24994	2.69	cps
Potassium	39-2	15014057	14970753	15036671	15007160	0.22	cps
Rhodium	103-1	4239868	4185091	4225637	4216865	0.67	cps
Rhodium	103-2	2068651	2076694	2060796	2068714	0.38	cps
Scandium	45-1	3193179	3157479	3212063	3187574	0.87	cps
Scandium	45-2	144469	143213	141316	143000	1.11	cps
Selenium	77-2	2527	2424	2544	2498	2.60	cps
Selenium	78-2	8032	8225	8047	8101	1.32	cps
Selenium	82-1	48164	47644	48203	48004	0.65	cps
Silicon	28-1	1693882	1708506	1722837	1708408	0.85	cps
Silver	109-1	3222854	3222103	3202909	3215955	0.35	cps
Silver	107-1	3333487	3326419	3347203	3335703	0.32	cps
Sodium	23-2	55693922	55794614	55939299	55809278	0.22	cps
Strontium	86-1	900294	895141	895082	896839	0.33	cps
Strontium	88-1	8043522	7991664	7966907	8000698	0.49	cps
Sulfur	34-1	369450	369750	372322	370507	0.43	cps
Terbium	159-1	8975793	8928930	9024652	8976458	0.53	cps
Terbium	159-2	4551156	4569826	4516482	4545821	0.60	cps
Thallium	203-1	3596687	3563249	3578379	3579438	0.47	cps
Thallium	205-1	8808300	8804642	8799879	8804274	0.05	cps
Thorium	232-1	15136433	15147156	15210914	15164834	0.27	cps
Tin	118-1	2322880	2304417	2302207	2309834	0.49	cps
Titanium	47-1	1782811	1775391	1777901	1778701	0.21	cps
Uranium	238-1	14702147	14678483	14714237	14698289	0.12	cps
Vanadium	51-2	615169	617187	620655	617670	0.45	cps
Yttrium	89-1	5612205	5539005	5627049	5592753	0.84	cps
Yttrium	89-2	863420	862963	862634	863006	0.05	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	CCV44	Instrumnet Name :	P7
Client Sample ID :	CCV44	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 15:55:03	DataFile Name :	040CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	264058	265907	270069	266678	1.15	cps
Zirconium	90-1	4790637	4773830	4777782	4780750	0.18	cps
Zirconium	91-1	1059559	1055394	1046816	1053923	0.62	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	CCB44	Instrumnet Name :	P7
Client Sample ID :	CCB44	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 16:11:08	DataFile Name :	041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	67	25	50	44.10	cps
Antimony	121-1	950	792	683	808	16.59	cps
Arsenic	75-2	6	9	7	7	24.97	cps
Barium	135-1	133	50	117	100	44.10	cps
Barium	137-1	167	150	167	161	5.97	cps
Beryllium	9-1	123	133	117	124	6.74	cps
Bismuth	209-1	6587213	6196687	6643347	6475749	3.76	cps
Bismuth	209-2	4029575	4048894	4055353	4044608	0.33	cps
Boron	10-1	1600	1433	1483	1506	5.68	cps
Boron	11-1	7110	6418	6785	6771	5.11	cps
Cadmium	111-1	946	840	978	921	7.85	cps
Cadmium	106-1	1800	1642	1975	1806	9.23	cps
Cadmium	108-1	0	8	25	11	114.58	cps
Calcium	43-1	150	217	133	167	26.46	cps
Calcium	44-1	6285	5893	5977	6052	3.41	cps
Chromium	52-2	447	490	447	461	5.43	cps
Cobalt	59-2	50	50	67	56	17.32	cps
Copper	63-2	470	447	467	461	2.74	cps
Dysprosium	156-1	25	0	0	8	173.21	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	25	50	17	31	56.77	cps
Erbium	164-2	17	3	10	10	66.70	cps
Gadolinium	160-1	42	25	42	36	26.65	cps
Gadolinium	160-2	167	107	127	133	22.91	cps
Holmium	165-1	9583536	8989785	9671301	9414874	3.94	cps
Holmium	165-2	5515845	5522768	5545360	5527991	0.28	cps
Indium	115-1	6284080	5835134	6281107	6133440	4.21	cps
Indium	115-2	1401644	1405293	1404699	1403879	0.14	cps
Iron	56-2	5729	5762	5846	5779	1.04	cps
Iron	57-2	206	211	178	198	9.01	cps
Krypton	83-1	170	160	147	159	7.37	cps
Lead	206-1	667	639	567	624	8.27	cps
Lead	207-1	544	506	494	515	5.10	cps
Lead	208-1	2350	2322	2350	2341	0.69	cps
Lithium	6-1	2016299	1907682	2028038	1984007	3.34	cps
Magnesium	24-2	867	925	925	906	3.72	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	CCB44	Instrumnet Name :	P7
Client Sample ID :	CCB44	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 16:11:08	DataFile Name :	041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	60	73	40	58	29.04	cps
Molybdenum	94-1	683	600	517	600	13.89	cps
Molybdenum	95-1	492	500	408	467	10.86	cps
Molybdenum	96-1	567	458	333	453	25.79	cps
Molybdenum	97-1	275	333	258	289	13.63	cps
Molybdenum	98-1	817	833	467	706	29.35	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	70	77	103	83	21.17	cps
Phosphorus	31-2	58	58	75	64	15.05	cps
Potassium	39-2	7586	7894	7711	7730	2.01	cps
Rhodium	103-1	5566723	5182594	5579815	5443044	4.15	cps
Rhodium	103-2	2753449	2737013	2747510	2745991	0.30	cps
Scandium	45-1	3815780	3546887	3818008	3726892	4.18	cps
Scandium	45-2	176443	171847	176282	174857	1.49	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	35	43	22	33	30.93	cps
Selenium	82-1	204	265	261	243	13.95	cps
Silicon	28-1	93625	94196	104489	97437	6.27	cps
Silver	109-1	175	108	192	158	27.85	cps
Silver	107-1	117	100	183	133	33.07	cps
Sodium	23-2	6527	6252	6218	6332	2.67	cps
Strontium	86-1	208	300	283	264	18.50	cps
Strontium	88-1	233	300	308	281	14.65	cps
Sulfur	34-1	130568	131492	129584	130548	0.73	cps
Terbium	159-1	9769080	9118477	9787501	9558353	3.99	cps
Terbium	159-2	5350734	5367235	5352220	5356730	0.17	cps
Thallium	203-1	333	358	433	375	13.88	cps
Thallium	205-1	858	833	875	856	2.45	cps
Thorium	232-1	611	628	711	650	8.24	cps
Tin	118-1	608	692	758	686	10.95	cps
Titanium	47-1	108	75	125	103	24.77	cps
Uranium	238-1	350	308	283	314	10.73	cps
Vanadium	51-2	3	13	30	16	86.63	cps
Yttrium	89-1	6494489	6058392	6537986	6363622	4.17	cps
Yttrium	89-2	1047849	1039499	1045242	1044197	0.41	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	CCB44	Instrumnet Name :	P7
Client Sample ID :	CCB44	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 16:11:08	DataFile Name :	041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	240	223	210	224	6.70	cps
Zirconium	90-1	775	683	808	756	8.57	cps
Zirconium	91-1	150	208	175	178	16.46	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	PB120266BL	Instrumnet Name :	P7
Client Sample ID :	PB120266BL	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 16:14:44	DataFile Name :	042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	17	42	53	81.02	cps
Antimony	121-1	242	242	283	256	9.41	cps
Arsenic	75-2	7	4	4	5	43.39	cps
Barium	135-1	42	25	25	31	31.50	cps
Barium	137-1	100	67	17	61	68.63	cps
Beryllium	9-1	100	70	120	97	26.03	cps
Bismuth	209-1	6633604	6574681	6795927	6668071	1.72	cps
Bismuth	209-2	4031776	3981135	4063140	4025350	1.03	cps
Boron	10-1	1158	1492	1325	1325	12.58	cps
Boron	11-1	5885	5610	5626	5707	2.70	cps
Cadmium	111-1	1028	1000	1003	1010	1.52	cps
Cadmium	106-1	2042	1984	1992	2006	1.57	cps
Cadmium	108-1	8	13	8	10	24.77	cps
Calcium	43-1	125	75	92	97	26.19	cps
Calcium	44-1	5035	5135	5001	5057	1.37	cps
Chromium	52-2	483	450	490	474	4.52	cps
Cobalt	59-2	33	43	40	39	13.09	cps
Copper	63-2	530	473	413	472	12.35	cps
Dysprosium	156-1	8	0	17	8	100.02	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	58	17	36	58.08	cps
Erbium	164-2	13	20	20	18	21.66	cps
Gadolinium	160-1	33	17	33	28	34.63	cps
Gadolinium	160-2	157	120	127	134	14.53	cps
Holmium	165-1	9675582	9694577	9994340	9788166	1.83	cps
Holmium	165-2	5521078	5489318	5539178	5516525	0.46	cps
Indium	115-1	6310743	6270300	6511226	6364090	2.03	cps
Indium	115-2	1400936	1390403	1410143	1400494	0.71	cps
Iron	56-2	4251	3367	3556	3725	12.49	cps
Iron	57-2	194	139	111	148	28.64	cps
Krypton	83-1	137	137	163	146	10.58	cps
Lead	206-1	444	506	556	502	11.09	cps
Lead	207-1	422	467	517	469	10.08	cps
Lead	208-1	1995	2122	2178	2098	4.48	cps
Lithium	6-1	2044654	2033774	2088950	2055793	1.42	cps
Magnesium	24-2	542	325	342	403	29.94	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	PB120266BL	Instrumnet Name :	P7
Client Sample ID :	PB120266BL	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 16:14:44	DataFile Name :	042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	60	87	47	64	31.60	cps
Molybdenum	94-1	225	317	350	297	21.78	cps
Molybdenum	95-1	175	233	167	192	18.95	cps
Molybdenum	96-1	275	233	292	267	11.27	cps
Molybdenum	97-1	108	100	83	97	13.09	cps
Molybdenum	98-1	325	350	350	342	4.22	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	63	57	63	61	6.29	cps
Phosphorus	31-2	67	33	100	67	50.00	cps
Potassium	39-2	7786	7419	7561	7588	2.44	cps
Rhodium	103-1	5592279	5586663	5782479	5653807	1.97	cps
Rhodium	103-2	2731186	2724648	2762094	2739309	0.73	cps
Scandium	45-1	3858655	3848551	3980511	3895906	1.89	cps
Scandium	45-2	173809	173461	176888	174719	1.08	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	35	24	35	31	20.39	cps
Selenium	82-1	283	307	250	280	10.10	cps
Silicon	28-1	94791	94221	94926	94646	0.40	cps
Silver	109-1	100	100	117	106	9.11	cps
Silver	107-1	158	100	108	122	25.81	cps
Sodium	23-2	5368	5368	5168	5301	2.18	cps
Strontium	86-1	242	267	392	300	26.79	cps
Strontium	88-1	200	242	158	200	20.83	cps
Sulfur	34-1	132712	132485	132771	132656	0.11	cps
Terbium	159-1	9810041	9739458	10111339	9886946	2.00	cps
Terbium	159-2	5358894	5336343	5329385	5341541	0.29	cps
Thallium	203-1	308	283	350	314	10.73	cps
Thallium	205-1	808	650	592	683	16.41	cps
Thorium	232-1	461	494	422	459	7.87	cps
Tin	118-1	750	758	675	728	6.31	cps
Titanium	47-1	100	50	100	83	34.64	cps
Uranium	238-1	75	117	92	94	22.21	cps
Vanadium	51-2	10	23	17	17	39.99	cps
Yttrium	89-1	6618030	6547894	6773193	6646372	1.73	cps
Yttrium	89-2	1042775	1041154	1045740	1043223	0.22	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	PB120266BL	Instrumnet Name :	P7
Client Sample ID :	PB120266BL	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 16:14:44	DataFile Name :	042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	293	210	197	233	22.45	cps
Zirconium	90-1	608	558	567	578	4.64	cps
Zirconium	91-1	150	108	100	119	22.43	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	PB120266BS	Instrumnet Name :	P7
Client Sample ID :	PB120266BS	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 16:18:20	DataFile Name :	043LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	539815	534491	536619	536975	0.50	cps
Antimony	121-1	2903281	2906672	2872268	2894074	0.66	cps
Arsenic	75-2	84136	84130	83407	83891	0.50	cps
Barium	135-1	4146227	4130128	4094515	4123623	0.64	cps
Barium	137-1	7363337	7379776	7266331	7336481	0.84	cps
Beryllium	9-1	610276	607081	601811	606390	0.70	cps
Bismuth	209-1	6092023	6069928	6097542	6086498	0.24	cps
Bismuth	209-2	3642962	3651923	3628582	3641156	0.32	cps
Boron	10-1	88483	90973	90530	89995	1.48	cps
Boron	11-1	386214	394882	405601	395565	2.46	cps
Cadmium	111-1	736764	732408	721026	730066	1.11	cps
Cadmium	106-1	84066	82474	82373	82971	1.14	cps
Cadmium	108-1	55692	56341	55860	55964	0.60	cps
Calcium	43-1	879823	871558	867703	873028	0.71	cps
Calcium	44-1	14450661	14288572	14246915	14328716	0.75	cps
Chromium	52-2	775733	770546	770311	772197	0.40	cps
Cobalt	59-2	1180200	1176560	1172819	1176527	0.31	cps
Copper	63-2	1553269	1550412	1547588	1550423	0.18	cps
Dysprosium	156-1	92	33	58	61	47.89	cps
Dysprosium	156-2	80	100	103	94	13.36	cps
Erbium	164-1	33	25	58	39	44.62	cps
Erbium	164-2	10	17	7	11	45.82	cps
Gadolinium	160-1	0	75	8	28	148.00	cps
Gadolinium	160-2	123	147	103	124	17.43	cps
Holmium	165-1	9263644	9144827	9145227	9184566	0.75	cps
Holmium	165-2	5116536	5124580	5058598	5099905	0.71	cps
Indium	115-1	5647746	5605146	5530235	5594376	1.06	cps
Indium	115-2	1204282	1226142	1203928	1211451	1.05	cps
Iron	56-2	33259847	33170918	33164115	33198293	0.16	cps
Iron	57-2	831369	829179	831250	830599	0.15	cps
Krypton	83-1	133	127	130	130	2.57	cps
Lead	206-1	3141187	3139939	3125472	3135533	0.28	cps
Lead	207-1	2841805	2851243	2830399	2841149	0.37	cps
Lead	208-1	12885146	12944048	12887577	12905591	0.26	cps
Lithium	6-1	1849028	1829375	1812831	1830411	0.99	cps
Magnesium	24-2	6269023	6260180	6268522	6265908	0.08	cps

LB Number : LB103176 Operator : Jaswal
 Lab Sample ID : PB120266BS Instrumnet Name : P7
 Client Sample ID : PB120266BS Dilution Factor : 1
 Date & Time Acquired :: 2019-06-03 16:18:20 DataFile Name : 043LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1007855	1010996	1008600	1009150	0.16	cps
Molybdenum	94-1	6053734	5955004	5941786	5983508	1.02	cps
Molybdenum	95-1	7326574	7303801	7211376	7280584	0.84	cps
Molybdenum	96-1	8190406	8139149	8052024	8127193	0.86	cps
Molybdenum	97-1	4472889	4461367	4406908	4447054	0.79	cps
Molybdenum	98-1	11866931	11772403	11687102	11775479	0.76	cps
Neodymium	150-1	287	320	420	342	20.28	cps
Neodymium	150-2	33	33	33	33	0.00	cps
Nickel	60-2	293028	292388	293689	293035	0.22	cps
Phosphorus	31-2	26741	26608	27409	26919	1.59	cps
Potassium	39-2	3106811	3131234	3120770	3119605	0.39	cps
Rhodium	103-1	4689522	4642717	4603895	4645378	0.92	cps
Rhodium	103-2	2318618	2320779	2294479	2311292	0.63	cps
Scandium	45-1	3387739	3347983	3319782	3351835	1.02	cps
Scandium	45-2	147758	150016	147253	148342	0.99	cps
Selenium	77-2	2627	2297	2454	2459	6.71	cps
Selenium	78-2	8299	8193	8560	8351	2.26	cps
Selenium	82-1	52359	51304	52273	51978	1.13	cps
Silicon	28-1	1887159	1877265	1867847	1877424	0.51	cps
Silver	109-1	3309480	3287222	3263713	3286805	0.70	cps
Silver	107-1	3445619	3399257	3383566	3409481	0.95	cps
Sodium	23-2	12135381	12139287	12098085	12124251	0.19	cps
Strontium	86-1	968772	959826	951270	959956	0.91	cps
Strontium	88-1	8601661	8549638	8472366	8541222	0.76	cps
Sulfur	34-1	408473	399713	398204	402130	1.38	cps
Terbium	159-1	9262288	9223736	9290585	9258870	0.36	cps
Terbium	159-2	4787079	4919123	4775322	4827175	1.65	cps
Thallium	203-1	3870759	3885879	3839406	3865348	0.61	cps
Thallium	205-1	9468741	9524790	9502003	9498511	0.30	cps
Thorium	232-1	15816113	15700008	15614214	15710112	0.64	cps
Tin	118-1	2532916	2540818	2516545	2530093	0.49	cps
Titanium	47-1	1944038	1897624	1900229	1913964	1.36	cps
Uranium	238-1	15358640	15114759	15214330	15229243	0.81	cps
Vanadium	51-2	644518	641996	650077	645531	0.64	cps
Yttrium	89-1	5938449	5841311	5817052	5865604	1.10	cps
Yttrium	89-2	913309	915842	908296	912482	0.42	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	PB120266BS	Instrumnet Name :	P7
Client Sample ID :	PB120266BS	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 16:18:20	DataFile Name :	043LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	251808	250899	254020	252242	0.64	cps
Zirconium	90-1	5156662	5122743	5075157	5118187	0.80	cps
Zirconium	91-1	1126614	1120260	1105043	1117306	0.99	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3066-01	Instrumnet Name :	P7
Client Sample ID :	FESB-27(3.5-4)	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 16:21:57	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2756867	2774462	2741099	2757476	0.61	cps
Antimony	121-1	1742	1917	2100	1920	9.34	cps
Arsenic	75-2	3117	3297	3349	3254	3.73	cps
Barium	135-1	370097	366994	366552	367881	0.53	cps
Barium	137-1	635086	643149	633196	637144	0.83	cps
Beryllium	9-1	4804	4751	5094	4883	3.79	cps
Bismuth	209-1	6592591	6549492	6590884	6577656	0.37	cps
Bismuth	209-2	3992468	4043894	4067864	4034742	0.95	cps
Boron	10-1	7244	6535	6318	6699	7.23	cps
Boron	11-1	32160	30908	28336	30468	6.40	cps
Cadmium	111-1	2358	2315	2306	2326	1.20	cps
Cadmium	106-1	3934	3717	3584	3745	4.72	cps
Cadmium	108-1	596	521	450	522	13.96	cps
Calcium	43-1	169032	168541	168080	168551	0.28	cps
Calcium	44-1	2748342	2745796	2746858	2746998	0.05	cps
Chromium	52-2	233739	234355	234299	234131	0.15	cps
Cobalt	59-2	162744	164964	162663	163457	0.80	cps
Copper	63-2	83909	84153	84110	84057	0.16	cps
Dysprosium	156-1	134176	136146	133124	134482	1.14	cps
Dysprosium	156-2	77148	77138	76656	76980	0.37	cps
Erbium	164-1	117779	116779	115989	116849	0.77	cps
Erbium	164-2	64900	65084	64612	64865	0.37	cps
Gadolinium	160-1	130424	128952	128768	129381	0.70	cps
Gadolinium	160-2	78818	78805	77128	78250	1.24	cps
Holmium	165-1	9867954	9805277	9902720	9858650	0.50	cps
Holmium	165-2	5600302	5668485	5675848	5648212	0.74	cps
Indium	115-1	6106993	6141347	6179232	6142524	0.59	cps
Indium	115-2	1356661	1375122	1391978	1374587	1.29	cps
Iron	56-2	137398536	137397961	136542570	137113023	0.36	cps
Iron	57-2	3403855	3426560	3396725	3409047	0.46	cps
Krypton	83-1	227	250	307	261	15.76	cps
Lead	206-1	272510	267716	268676	269634	0.94	cps
Lead	207-1	221461	220659	218648	220256	0.66	cps
Lead	208-1	1048280	1030882	1030292	1036485	0.99	cps
Lithium	6-1	2065512	2060034	2076789	2067445	0.41	cps
Magnesium	24-2	3498565	3530044	3501554	3510054	0.50	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3066-01	Instrumnet Name :	P7
Client Sample ID :	FESB-27(3.5-4)	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 16:21:57	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	926610	932163	925949	928241	0.37	cps
Molybdenum	94-1	157820	160129	157121	158357	0.99	cps
Molybdenum	95-1	6969	6902	6393	6755	4.66	cps
Molybdenum	96-1	35687	34860	34877	35141	1.35	cps
Molybdenum	97-1	4201	4176	3951	4109	3.35	cps
Molybdenum	98-1	11789	11105	10429	11108	6.12	cps
Neodymium	150-1	205773	205029	206969	205924	0.48	cps
Neodymium	150-2	89635	91409	91940	90995	1.33	cps
Nickel	60-2	74026	74783	74689	74499	0.55	cps
Phosphorus	31-2	7385	6468	7235	7030	7.00	cps
Potassium	39-2	577349	580023	576449	577940	0.32	cps
Rhodium	103-1	5306706	5262998	5348357	5306020	0.80	cps
Rhodium	103-2	2614144	2648608	2655289	2639347	0.84	cps
Scandium	45-1	3903289	3884619	3913923	3900610	0.38	cps
Scandium	45-2	177947	178433	179931	178770	0.58	cps
Selenium	77-2	250	147	227	208	26.08	cps
Selenium	78-2	156	181	154	164	9.49	cps
Selenium	82-1	381	461	361	401	13.20	cps
Silicon	28-1	8255920	8360572	8263735	8293409	0.70	cps
Silver	109-1	708	617	642	656	7.23	cps
Silver	107-1	1042	1142	992	1058	7.22	cps
Sodium	23-2	185550	180870	181039	182486	1.45	cps
Strontium	86-1	71427	71017	71210	71218	0.29	cps
Strontium	88-1	625750	619962	619591	621767	0.56	cps
Sulfur	34-1	107645	106898	103499	106014	2.08	cps
Terbium	159-1	9972908	9971665	10019866	9988146	0.28	cps
Terbium	159-2	5418898	5432898	5464946	5438914	0.43	cps
Thallium	203-1	3701	3559	3459	3573	3.40	cps
Thallium	205-1	8678	8553	8286	8506	2.35	cps
Thorium	232-1	821573	808303	808669	812848	0.93	cps
Tin	118-1	5351	5426	5485	5421	1.23	cps
Titanium	47-1	344745	343310	344932	344329	0.26	cps
Uranium	238-1	82808	83972	81842	82874	1.29	cps
Vanadium	51-2	121858	122436	121337	121877	0.45	cps
Yttrium	89-1	7603621	7573462	7643720	7606934	0.46	cps
Yttrium	89-2	1200291	1209265	1223714	1211090	0.98	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3066-01	Instrumnet Name :	P7
Client Sample ID :	FESB-27(3.5-4)	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 16:21:57	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	92545	93956	93681	93394	0.80	cps
Zirconium	90-1	422410	420378	414827	419205	0.94	cps
Zirconium	91-1	92128	92799	93991	92973	1.01	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3066-01DUP	Instrumnet Name :	P7
Client Sample ID :	FESB-27(3.5-4)DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 16:25:35	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2748726	2773077	2743804	2755202	0.57	cps
Antimony	121-1	483	517	783	594	27.66	cps
Arsenic	75-2	3202	3428	3219	3283	3.84	cps
Barium	135-1	370924	367612	367461	368666	0.53	cps
Barium	137-1	645105	641569	640533	642402	0.37	cps
Beryllium	9-1	4664	4818	4624	4702	2.17	cps
Bismuth	209-1	6950492	6630844	6367111	6649482	4.39	cps
Bismuth	209-2	3937600	3937022	3944126	3939583	0.10	cps
Boron	10-1	4292	4226	3976	4165	4.01	cps
Boron	11-1	19037	18929	19455	19140	1.45	cps
Cadmium	111-1	2139	2245	2089	2158	3.68	cps
Cadmium	106-1	3376	3651	3384	3470	4.51	cps
Cadmium	108-1	517	496	533	515	3.65	cps
Calcium	43-1	179828	174577	174536	176314	1.73	cps
Calcium	44-1	2923490	2868849	2854862	2882400	1.26	cps
Chromium	52-2	235086	234484	233868	234479	0.26	cps
Cobalt	59-2	160149	160574	159742	160155	0.26	cps
Copper	63-2	84455	84858	83650	84321	0.73	cps
Dysprosium	156-1	140050	137880	138375	138769	0.82	cps
Dysprosium	156-2	78760	79391	78979	79043	0.41	cps
Erbium	164-1	120409	120789	121444	120881	0.43	cps
Erbium	164-2	64588	64893	66008	65163	1.15	cps
Gadolinium	160-1	136113	132917	133328	134119	1.30	cps
Gadolinium	160-2	80689	80890	80400	80660	0.31	cps
Holmium	165-1	10512067	9990720	9490806	9997864	5.11	cps
Holmium	165-2	5502096	5467712	5506796	5492201	0.39	cps
Indium	115-1	6524638	6172385	5882798	6193274	5.19	cps
Indium	115-2	1334030	1331958	1348266	1338085	0.66	cps
Iron	56-2	137041359	137478773	136117992	136879374	0.51	cps
Iron	57-2	3385349	3415164	3399831	3400115	0.44	cps
Krypton	83-1	250	237	277	254	8.00	cps
Lead	206-1	269862	268174	271300	269779	0.58	cps
Lead	207-1	221364	218011	220151	219842	0.77	cps
Lead	208-1	1044421	1032459	1040913	1039264	0.59	cps
Lithium	6-1	2202444	2091182	2004002	2099210	4.74	cps
Magnesium	24-2	3489990	3510462	3517310	3505921	0.41	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3066-01DUP	Instrumnet Name :	P7
Client Sample ID :	FESB-27(3.5-4)DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 16:25:35	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	913122	917611	914637	915123	0.25	cps
Molybdenum	94-1	154166	155024	152456	153882	0.85	cps
Molybdenum	95-1	6627	6143	6068	6279	4.83	cps
Molybdenum	96-1	33682	34050	33373	33702	1.01	cps
Molybdenum	97-1	3801	3634	3492	3642	4.24	cps
Molybdenum	98-1	10187	9353	9529	9690	4.54	cps
Neodymium	150-1	211606	211530	207858	210331	1.02	cps
Neodymium	150-2	90712	92990	92201	91968	1.26	cps
Nickel	60-2	73935	73972	74264	74057	0.24	cps
Phosphorus	31-2	7102	7369	7461	7310	2.55	cps
Potassium	39-2	578257	583536	591173	584322	1.11	cps
Rhodium	103-1	5595919	5327959	5062164	5328680	5.01	cps
Rhodium	103-2	2562115	2545190	2572019	2559774	0.53	cps
Scandium	45-1	4213090	3919370	3725860	3952773	6.21	cps
Scandium	45-2	172724	174679	173536	173646	0.57	cps
Selenium	77-2	233	253	250	246	4.36	cps
Selenium	78-2	181	169	161	170	6.05	cps
Selenium	82-1	398	397	381	392	2.37	cps
Silicon	28-1	11461322	11298918	11405319	11388520	0.72	cps
Silver	109-1	475	633	650	586	16.48	cps
Silver	107-1	825	892	842	853	4.07	cps
Sodium	23-2	179477	181964	179317	180253	0.82	cps
Strontium	86-1	78254	76487	75783	76841	1.66	cps
Strontium	88-1	674790	669875	658332	667666	1.27	cps
Sulfur	34-1	98080	96302	98827	97737	1.33	cps
Terbium	159-1	10610370	10062246	9657521	10110046	4.73	cps
Terbium	159-2	5328922	5332712	5310004	5323879	0.23	cps
Thallium	203-1	3651	3134	3292	3359	7.88	cps
Thallium	205-1	8019	7819	7778	7872	1.64	cps
Thorium	232-1	903106	901028	887212	897115	0.96	cps
Tin	118-1	5076	4643	4634	4784	5.28	cps
Titanium	47-1	353849	349614	345306	349590	1.22	cps
Uranium	238-1	84133	82547	83151	83277	0.96	cps
Vanadium	51-2	122043	122749	120995	121929	0.72	cps
Yttrium	89-1	8002698	7674381	7338881	7671987	4.33	cps
Yttrium	89-2	1179080	1188346	1190367	1185931	0.51	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3066-01DUP	Instrumnet Name :	P7
Client Sample ID :	FESB-27(3.5-4)DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 16:25:35	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	91236	92645	92377	92086	0.81	cps
Zirconium	90-1	410607	406817	406444	407956	0.56	cps
Zirconium	91-1	92456	91575	91190	91741	0.71	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3066-01LX5	Instrumnet Name :	P7
Client Sample ID :	FESB-27(3.5-4)L	Dilution Factor :	5
Date & Time Acquired ::	2019-06-03 16:29:14	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	504827	497219	501388	501145	0.76	cps
Antimony	121-1	325	317	450	364	20.53	cps
Arsenic	75-2	574	596	641	604	5.62	cps
Barium	135-1	66794	65680	65479	65985	1.07	cps
Barium	137-1	114779	115368	115141	115096	0.26	cps
Beryllium	9-1	940	950	987	959	2.56	cps
Bismuth	209-1	6350413	6392314	6451750	6398159	0.80	cps
Bismuth	209-2	3822456	3915152	3842479	3860029	1.26	cps
Boron	10-1	1984	2125	2092	2067	3.58	cps
Boron	11-1	9729	9437	9403	9523	1.88	cps
Cadmium	111-1	1224	1254	1116	1198	6.09	cps
Cadmium	106-1	2225	2309	1975	2170	8.00	cps
Cadmium	108-1	79	83	79	81	2.99	cps
Calcium	43-1	29989	30274	30800	30354	1.35	cps
Calcium	44-1	506002	502485	503282	503923	0.37	cps
Chromium	52-2	42899	42892	43096	42963	0.27	cps
Cobalt	59-2	29697	30134	29319	29717	1.37	cps
Copper	63-2	15779	15852	16056	15895	0.90	cps
Dysprosium	156-1	24072	23571	23446	23696	1.40	cps
Dysprosium	156-2	13820	13590	13667	13693	0.86	cps
Erbium	164-1	21401	20449	21301	21050	2.48	cps
Erbium	164-2	11402	11215	11388	11335	0.92	cps
Gadolinium	160-1	22987	22678	22970	22878	0.76	cps
Gadolinium	160-2	13777	14101	13520	13799	2.11	cps
Holmium	165-1	9413138	9256798	9466337	9378758	1.16	cps
Holmium	165-2	5341809	5431950	5272871	5348877	1.49	cps
Indium	115-1	5959084	5934706	6032749	5975513	0.85	cps
Indium	115-2	1332343	1341646	1319607	1331199	0.83	cps
Iron	56-2	25127912	24962344	24842976	24977744	0.57	cps
Iron	57-2	613888	608766	610412	611022	0.43	cps
Krypton	83-1	150	167	170	162	6.61	cps
Lead	206-1	48862	49180	48695	48912	0.50	cps
Lead	207-1	40802	40172	39365	40113	1.80	cps
Lead	208-1	188927	189718	185173	187939	1.29	cps
Lithium	6-1	1978363	1968781	1990046	1979063	0.54	cps
Magnesium	24-2	639135	629660	630001	632932	0.85	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3066-01LX5	Instrumnet Name :	P7
Client Sample ID :	FESB-27(3.5-4)L	Dilution Factor :	5
Date & Time Acquired ::	2019-06-03 16:29:14	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	168293	167258	166028	167193	0.68	cps
Molybdenum	94-1	29965	28680	29105	29250	2.24	cps
Molybdenum	95-1	1358	1242	1208	1270	6.20	cps
Molybdenum	96-1	6560	6652	6719	6643	1.20	cps
Molybdenum	97-1	525	700	633	619	14.26	cps
Molybdenum	98-1	2092	1692	2092	1959	11.79	cps
Neodymium	150-1	36148	36863	36375	36462	1.00	cps
Neodymium	150-2	16070	15732	16076	15959	1.23	cps
Nickel	60-2	13763	13653	13433	13617	1.24	cps
Phosphorus	31-2	1333	1133	1333	1267	9.12	cps
Potassium	39-2	110501	112466	109527	110831	1.35	cps
Rhodium	103-1	5234308	5200185	5317765	5250753	1.15	cps
Rhodium	103-2	2572899	2631919	2575295	2593371	1.29	cps
Scandium	45-1	3633368	3603680	3658196	3631748	0.75	cps
Scandium	45-2	163986	166604	165108	165233	0.80	cps
Selenium	77-2	17	33	40	30	40.05	cps
Selenium	78-2	65	57	57	60	7.14	cps
Selenium	82-1	260	296	283	280	6.59	cps
Silicon	28-1	1501875	1500095	1492058	1498009	0.35	cps
Silver	109-1	133	133	142	136	3.53	cps
Silver	107-1	225	200	300	242	21.54	cps
Sodium	23-2	36916	36220	35627	36254	1.78	cps
Strontium	86-1	13248	13741	13023	13337	2.75	cps
Strontium	88-1	112984	113992	113504	113493	0.44	cps
Sulfur	34-1	97309	97317	96687	97104	0.37	cps
Terbium	159-1	9435598	9433720	9606629	9491982	1.05	cps
Terbium	159-2	5128590	5209975	5111896	5150153	1.02	cps
Thallium	203-1	900	950	817	889	7.58	cps
Thallium	205-1	2134	1959	1917	2003	5.74	cps
Thorium	232-1	143883	141508	141503	142298	0.96	cps
Tin	118-1	1300	1275	1283	1286	0.99	cps
Titanium	47-1	62776	60541	62014	61777	1.84	cps
Uranium	238-1	15026	15026	14350	14801	2.64	cps
Vanadium	51-2	22013	22224	22153	22130	0.48	cps
Yttrium	89-1	6421590	6412659	6499767	6444672	0.74	cps
Yttrium	89-2	1016863	1035997	1018460	1023773	1.04	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3066-01LX5	Instrumnet Name :	P7
Client Sample ID :	FESB-27(3.5-4)L	Dilution Factor :	5
Date & Time Acquired ::	2019-06-03 16:29:14	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	16837	16646	16299	16594	1.64	cps
Zirconium	90-1	77158	77878	74025	76354	2.68	cps
Zirconium	91-1	17595	16769	17203	17189	2.40	cps

LB Number : LB103176 Operator : Jaswal
 Lab Sample ID : K3066-03 Instrumnet Name : P7
 Client Sample ID : FESB-27(3.5-4)MS Dilution Factor : 1
 Date & Time Acquired :: 2019-06-03 16:32:50 DataFile Name : 047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3101054	3104615	3090990	3098886	0.23	cps
Antimony	121-1	2859922	2871777	2836402	2856033	0.63	cps
Arsenic	75-2	86894	87889	86229	87004	0.96	cps
Barium	135-1	4734505	4722980	4635444	4697643	1.15	cps
Barium	137-1	8502575	8453673	8383628	8446625	0.71	cps
Beryllium	9-1	646134	638377	634784	639765	0.91	cps
Bismuth	209-1	6363651	6171717	6255454	6263607	1.54	cps
Bismuth	209-2	3735642	3762177	3757496	3751772	0.38	cps
Boron	10-1	99812	101498	104971	102094	2.58	cps
Boron	11-1	437404	446880	447553	443946	1.28	cps
Cadmium	111-1	734231	727176	720444	727283	0.95	cps
Cadmium	106-1	85373	84711	83338	84474	1.23	cps
Cadmium	108-1	57278	57395	56738	57137	0.61	cps
Calcium	43-1	1021312	1010241	1003466	1011673	0.89	cps
Calcium	44-1	16754339	16615900	16399427	16589889	1.08	cps
Chromium	52-2	992364	989340	990193	990632	0.16	cps
Cobalt	59-2	1339188	1347626	1338344	1341720	0.38	cps
Copper	63-2	1730540	1744285	1738456	1737760	0.40	cps
Dysprosium	156-1	128656	126057	122804	125839	2.33	cps
Dysprosium	156-2	71411	70888	71377	71225	0.41	cps
Erbium	164-1	110503	108377	110360	109746	1.08	cps
Erbium	164-2	59589	58591	58578	58920	0.98	cps
Gadolinium	160-1	122536	121426	117979	120647	1.97	cps
Gadolinium	160-2	72209	72152	71961	72107	0.18	cps
Holmium	165-1	9787584	9493074	9602001	9627553	1.55	cps
Holmium	165-2	5396472	5390585	5379426	5388828	0.16	cps
Indium	115-1	5944206	5719007	5788810	5817341	1.98	cps
Indium	115-2	1268013	1274772	1282403	1275063	0.56	cps
Iron	56-2	159473320	158546937	158449015	158823091	0.36	cps
Iron	57-2	3926672	3928732	3933092	3929499	0.08	cps
Krypton	83-1	170	287	237	231	25.33	cps
Lead	206-1	3397831	3361143	3354913	3371296	0.69	cps
Lead	207-1	2953882	2958326	2963793	2958667	0.17	cps
Lead	208-1	13710633	13687438	13674647	13690906	0.13	cps
Lithium	6-1	2042092	1967828	1995452	2001791	1.88	cps
Magnesium	24-2	9433154	9418883	9411277	9421105	0.12	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3066-03	Instrumnet Name :	P7
Client Sample ID :	FESB-27(3.5-4)MS	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 16:32:50	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1942425	1946950	1950882	1946752	0.22	cps
Molybdenum	94-1	6836765	6809972	6743758	6796832	0.70	cps
Molybdenum	95-1	8369564	8290180	8240311	8300018	0.79	cps
Molybdenum	96-1	9299402	9281332	9145454	9242063	0.91	cps
Molybdenum	97-1	5296373	5261122	5237277	5264924	0.56	cps
Molybdenum	98-1	13540211	13451156	13412095	13467821	0.49	cps
Neodymium	150-1	193972	191803	189410	191729	1.19	cps
Neodymium	150-2	82347	82521	83390	82753	0.68	cps
Nickel	60-2	359371	360007	358595	359324	0.20	cps
Phosphorus	31-2	6135	6427	6560	6374	3.41	cps
Potassium	39-2	3918267	3938072	3910436	3922258	0.36	cps
Rhodium	103-1	5064953	4845969	4941292	4950738	2.22	cps
Rhodium	103-2	2412472	2420817	2415318	2416202	0.18	cps
Scandium	45-1	3818830	3701296	3702730	3740952	1.80	cps
Scandium	45-2	168691	169530	169174	169132	0.25	cps
Selenium	77-2	2814	2630	2770	2738	3.50	cps
Selenium	78-2	8625	8717	9016	8786	2.33	cps
Selenium	82-1	54140	53410	52984	53511	1.09	cps
Silicon	28-1	21195513	23334769	20566146	21698809	6.69	cps
Silver	109-1	3213970	3173340	3135311	3174207	1.24	cps
Silver	107-1	3353300	3300978	3276878	3310386	1.18	cps
Sodium	23-2	12159539	12184924	12118413	12154292	0.28	cps
Strontium	86-1	1064816	1053800	1041349	1053322	1.11	cps
Strontium	88-1	9429310	9440730	9313547	9394529	0.75	cps
Sulfur	34-1	108317	109324	109492	109044	0.58	cps
Terbium	159-1	9961859	9561508	9693018	9738795	2.10	cps
Terbium	159-2	5194462	5166133	5158016	5172870	0.37	cps
Thallium	203-1	3848432	3827959	3828624	3835005	0.30	cps
Thallium	205-1	9492092	9530001	9459114	9493736	0.37	cps
Thorium	232-1	770655	762153	758854	763887	0.80	cps
Tin	118-1	2682642	2681888	2642927	2669153	0.85	cps
Titanium	47-1	2500648	2485290	2467335	2484424	0.67	cps
Uranium	238-1	15247345	15153843	14990959	15130716	0.86	cps
Vanadium	51-2	772648	775274	770297	772739	0.32	cps
Yttrium	89-1	7374401	7107208	7204384	7228664	1.87	cps
Yttrium	89-2	1132707	1135283	1137334	1135108	0.20	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3066-03	Instrumnet Name :	P7
Client Sample ID :	FESB-27(3.5-4)MS	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 16:32:50	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	352887	355587	353076	353850	0.43	cps
Zirconium	90-1	5718379	5683286	5663508	5688391	0.49	cps
Zirconium	91-1	1250187	1239895	1228800	1239627	0.86	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3066-04	Instrumnet Name :	P7
Client Sample ID :	FESB-27(3.5-4)MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 16:42:10	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3090025	3106578	3088581	3095061	0.32	cps
Antimony	121-1	2856404	2812349	2775406	2814719	1.44	cps
Arsenic	75-2	86630	86732	86667	86676	0.06	cps
Barium	135-1	4730032	4680350	4622747	4677710	1.15	cps
Barium	137-1	8479354	8420654	8318872	8406293	0.97	cps
Beryllium	9-1	636583	629902	620305	628930	1.30	cps
Bismuth	209-1	6199762	6432531	7247499	6626597	8.30	cps
Bismuth	209-2	3763308	3773032	3797956	3778099	0.47	cps
Boron	10-1	98377	101540	101817	100578	1.90	cps
Boron	11-1	439422	446236	442066	442575	0.78	cps
Cadmium	111-1	726286	717306	708794	717462	1.22	cps
Cadmium	106-1	82959	82298	82607	82621	0.40	cps
Cadmium	108-1	56634	56906	55115	56218	1.72	cps
Calcium	43-1	1002865	994566	990216	995882	0.65	cps
Calcium	44-1	16594684	16372311	16157198	16374731	1.34	cps
Chromium	52-2	991729	997396	990831	993319	0.36	cps
Cobalt	59-2	1337474	1343207	1340232	1340304	0.21	cps
Copper	63-2	1728347	1748133	1739623	1738701	0.57	cps
Dysprosium	156-1	125418	123906	122341	123888	1.24	cps
Dysprosium	156-2	70366	72004	72222	71530	1.42	cps
Erbium	164-1	110126	108990	109310	109475	0.53	cps
Erbium	164-2	58635	59853	59951	59480	1.23	cps
Gadolinium	160-1	120223	117736	117182	118380	1.37	cps
Gadolinium	160-2	71964	72470	72293	72242	0.36	cps
Holmium	165-1	9554473	9955365	11166718	10225519	8.21	cps
Holmium	165-2	5424319	5443574	5459166	5442353	0.32	cps
Indium	115-1	5779021	5982120	6751814	6170985	8.32	cps
Indium	115-2	1278331	1287952	1289535	1285273	0.47	cps
Iron	56-2	158116442	159325498	157794237	158412059	0.51	cps
Iron	57-2	3938149	3941014	3957966	3945710	0.27	cps
Krypton	83-1	203	217	250	223	10.76	cps
Lead	206-1	3386160	3344668	3310996	3347275	1.12	cps
Lead	207-1	2975560	2908333	2901189	2928361	1.40	cps
Lead	208-1	13723849	13561965	13439802	13575206	1.05	cps
Lithium	6-1	1996090	2048207	2241848	2095382	6.18	cps
Magnesium	24-2	9414773	9464822	9380556	9420050	0.45	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3066-04	Instrumnet Name :	P7
Client Sample ID :	FESB-27(3.5-4)MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 16:42:10	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1932791	1949289	1938253	1940111	0.43	cps
Molybdenum	94-1	6814870	6710606	6613328	6712935	1.50	cps
Molybdenum	95-1	8342087	8250130	8122184	8238134	1.34	cps
Molybdenum	96-1	9305702	9238357	9032789	9192283	1.55	cps
Molybdenum	97-1	5296831	5232348	5161903	5230360	1.29	cps
Molybdenum	98-1	13580398	13389154	13128008	13365854	1.70	cps
Neodymium	150-1	192391	191574	186065	190010	1.81	cps
Neodymium	150-2	83202	83544	83879	83542	0.41	cps
Nickel	60-2	359797	360301	360812	360303	0.14	cps
Phosphorus	31-2	6168	6535	6285	6329	2.96	cps
Potassium	39-2	3895615	3927815	3926850	3916760	0.47	cps
Rhodium	103-1	4947900	5077100	5708031	5244344	7.76	cps
Rhodium	103-2	2444102	2448666	2447762	2446844	0.10	cps
Scandium	45-1	3704502	3836203	4310342	3950349	8.07	cps
Scandium	45-2	169864	170672	169807	170114	0.28	cps
Selenium	77-2	2704	2774	2714	2730	1.39	cps
Selenium	78-2	8679	8814	8855	8782	1.05	cps
Selenium	82-1	52942	52317	51782	52347	1.11	cps
Silicon	28-1	20680165	20485068	20691118	20618783	0.56	cps
Silver	109-1	3185336	3150711	3094506	3143518	1.46	cps
Silver	107-1	3346431	3277562	3224169	3282721	1.87	cps
Sodium	23-2	12180107	12182857	12111394	12158119	0.33	cps
Strontium	86-1	1047384	1040394	1036376	1041385	0.53	cps
Strontium	88-1	9440554	9297059	9224371	9320661	1.18	cps
Sulfur	34-1	106545	109485	106310	107447	1.65	cps
Terbium	159-1	9713850	10044144	11195997	10317997	7.54	cps
Terbium	159-2	5229855	5234782	5241548	5235395	0.11	cps
Thallium	203-1	3829375	3827196	3749666	3802079	1.19	cps
Thallium	205-1	9516795	9454721	9399270	9456929	0.62	cps
Thorium	232-1	765240	755769	749870	756960	1.02	cps
Tin	118-1	2657160	2623503	2608504	2629722	0.95	cps
Titanium	47-1	2497989	2440435	2401977	2446800	1.97	cps
Uranium	238-1	15159846	15047483	14883607	15030312	0.92	cps
Vanadium	51-2	772144	771124	768888	770718	0.22	cps
Yttrium	89-1	7206906	7398610	8135030	7580182	6.46	cps
Yttrium	89-2	1141750	1146439	1149643	1145944	0.35	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3066-04	Instrumnet Name :	P7
Client Sample ID :	FESB-27(3.5-4)MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 16:42:10	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	349756	352679	349853	350763	0.47	cps
Zirconium	90-1	5678643	5612993	5510158	5600598	1.52	cps
Zirconium	91-1	1238699	1222088	1207770	1222852	1.27	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3066-02	Instrumnet Name :	P7
Client Sample ID :	FESB-25(5.5-6)	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 16:46:11	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2900767	2928332	2907623	2912241	0.49	cps
Antimony	121-1	2017	2334	2667	2339	13.90	cps
Arsenic	75-2	1302	1339	1439	1360	5.21	cps
Barium	135-1	1026722	1025349	1016741	1022937	0.53	cps
Barium	137-1	1788401	1788221	1784238	1786953	0.13	cps
Beryllium	9-1	4301	4007	4247	4185	3.73	cps
Bismuth	209-1	6797655	6718639	6666906	6727734	0.98	cps
Bismuth	209-2	3906581	3968005	4197536	4024041	3.81	cps
Boron	10-1	7285	7244	7202	7244	0.58	cps
Boron	11-1	32645	30315	29797	30919	4.91	cps
Cadmium	111-1	2799	2314	2437	2517	10.03	cps
Cadmium	106-1	3842	3150	3409	3467	10.08	cps
Cadmium	108-1	496	517	525	513	2.93	cps
Calcium	43-1	178119	174593	176154	176289	1.00	cps
Calcium	44-1	2887806	2881452	2879730	2882996	0.15	cps
Chromium	52-2	234925	237342	237550	236606	0.62	cps
Cobalt	59-2	156218	155200	153244	154887	0.98	cps
Copper	63-2	104885	104658	105359	104967	0.34	cps
Dysprosium	156-1	116383	113533	114852	114923	1.24	cps
Dysprosium	156-2	66671	68449	66677	67266	1.52	cps
Erbium	164-1	114293	114990	112805	114029	0.98	cps
Erbium	164-2	60701	62217	61893	61603	1.30	cps
Gadolinium	160-1	115996	113795	114879	114890	0.96	cps
Gadolinium	160-2	69344	69368	70486	69733	0.94	cps
Holmium	165-1	10272162	10120215	10092774	10161717	0.95	cps
Holmium	165-2	5606411	5593332	5947124	5715622	3.51	cps
Indium	115-1	6363545	6332877	6287793	6328072	0.60	cps
Indium	115-2	1355960	1372399	1445522	1391293	3.43	cps
Iron	56-2	105840080	106239841	105242788	105774237	0.47	cps
Iron	57-2	2587383	2607173	2576836	2590464	0.59	cps
Krypton	83-1	253	213	180	216	17.03	cps
Lead	206-1	203505	204559	203786	203950	0.27	cps
Lead	207-1	167994	168202	166283	167493	0.63	cps
Lead	208-1	788142	789373	784040	787185	0.35	cps
Lithium	6-1	2124133	2116655	2105455	2115414	0.44	cps
Magnesium	24-2	2830002	2851820	2838304	2840042	0.39	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3066-02	Instrumnet Name :	P7
Client Sample ID :	FESB-25(5.5-6)	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 16:46:11	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	929583	931085	928235	929634	0.15	cps
Molybdenum	94-1	145628	141569	141493	142896	1.66	cps
Molybdenum	95-1	6110	6593	6218	6307	4.02	cps
Molybdenum	96-1	32062	31160	32087	31770	1.66	cps
Molybdenum	97-1	3926	3892	4267	4029	5.15	cps
Molybdenum	98-1	9587	10121	10137	9948	3.15	cps
Neodymium	150-1	164024	162007	162795	162942	0.62	cps
Neodymium	150-2	71095	72476	72294	71955	1.04	cps
Nickel	60-2	51958	51192	51607	51586	0.74	cps
Phosphorus	31-2	2217	2500	2300	2339	6.23	cps
Potassium	39-2	211174	211805	209391	210790	0.59	cps
Rhodium	103-1	5497746	5434521	5390392	5440886	0.99	cps
Rhodium	103-2	2621322	2627656	2783739	2677572	3.44	cps
Scandium	45-1	4079588	4038712	4046395	4054898	0.54	cps
Scandium	45-2	179698	178632	188164	182165	2.87	cps
Selenium	77-2	210	157	190	186	14.52	cps
Selenium	78-2	194	215	176	195	9.97	cps
Selenium	82-1	628	713	672	671	6.30	cps
Silicon	28-1	9755921	9631683	9701794	9696466	0.64	cps
Silver	109-1	1183	1117	1200	1167	3.78	cps
Silver	107-1	1500	1575	1525	1533	2.49	cps
Sodium	23-2	137694	138509	136793	137666	0.62	cps
Strontium	86-1	88019	89394	86518	87977	1.64	cps
Strontium	88-1	783290	780842	777066	780399	0.40	cps
Sulfur	34-1	394145	392908	391870	392975	0.29	cps
Terbium	159-1	10337816	10236184	10176306	10250102	0.80	cps
Terbium	159-2	5383283	5421467	5714830	5506527	3.29	cps
Thallium	203-1	3034	3059	3076	3056	0.69	cps
Thallium	205-1	7544	7644	8044	7744	3.42	cps
Thorium	232-1	462321	456924	457293	458846	0.66	cps
Tin	118-1	2884	2809	3067	2920	4.55	cps
Titanium	47-1	225922	227614	226015	226517	0.42	cps
Uranium	238-1	235202	237014	233871	235362	0.67	cps
Vanadium	51-2	218185	217644	215804	217211	0.57	cps
Yttrium	89-1	7847285	7845301	7803689	7832092	0.31	cps
Yttrium	89-2	1215205	1224867	1276874	1238982	2.68	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3066-02	Instrumnet Name :	P7
Client Sample ID :	FESB-25(5.5-6)	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 16:46:11	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	75279	75501	74107	74962	1.00	cps
Zirconium	90-1	379309	375732	373684	376241	0.76	cps
Zirconium	91-1	84944	83451	84801	84398	0.98	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3076-01	Instrumnet Name :	P7
Client Sample ID :	FESB-07(5-5.5)	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 16:49:48	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5047336	5029172	5037314	5037941	0.18	cps
Antimony	121-1	1033	1292	1433	1253	16.19	cps
Arsenic	75-2	6687	6681	6639	6669	0.40	cps
Barium	135-1	957089	939758	926155	941001	1.65	cps
Barium	137-1	1663980	1634051	1634714	1644248	1.04	cps
Beryllium	9-1	9557	9393	9320	9423	1.29	cps
Bismuth	209-1	6464016	6451212	6384101	6433110	0.67	cps
Bismuth	209-2	3783557	3822037	3863164	3822919	1.04	cps
Boron	10-1	5701	6043	5476	5740	4.97	cps
Boron	11-1	25364	25297	25280	25314	0.17	cps
Cadmium	111-1	3935	3824	3841	3867	1.55	cps
Cadmium	106-1	4701	4576	4709	4662	1.60	cps
Cadmium	108-1	850	813	900	854	5.14	cps
Calcium	43-1	132926	130757	127948	130544	1.91	cps
Calcium	44-1	2166341	2126145	2133504	2141997	1.00	cps
Chromium	52-2	276408	276928	277361	276899	0.17	cps
Cobalt	59-2	207229	208977	209666	208624	0.60	cps
Copper	63-2	387881	385470	387803	387052	0.35	cps
Dysprosium	156-1	188412	185716	184635	186255	1.04	cps
Dysprosium	156-2	107200	107963	107905	107689	0.39	cps
Erbium	164-1	182141	181762	179481	181128	0.79	cps
Erbium	164-2	98680	99357	98088	98708	0.64	cps
Gadolinium	160-1	187373	187604	185593	186857	0.59	cps
Gadolinium	160-2	113991	114217	113508	113906	0.32	cps
Holmium	165-1	9992610	9932519	9760648	9895259	1.22	cps
Holmium	165-2	5521846	5534661	5562143	5539550	0.37	cps
Indium	115-1	6154930	6075043	5985652	6071875	1.39	cps
Indium	115-2	1322654	1335715	1347165	1335178	0.92	cps
Iron	56-2	255615517	255164933	254506861	255095771	0.22	cps
Iron	57-2	6436011	6438482	6425565	6433353	0.11	cps
Krypton	83-1	280	340	313	311	9.66	cps
Lead	206-1	1283375	1275533	1279656	1279521	0.31	cps
Lead	207-1	1069041	1064334	1059678	1064351	0.44	cps
Lead	208-1	4978199	4939233	4947700	4955044	0.41	cps
Lithium	6-1	2136106	2103290	2083732	2107709	1.26	cps
Magnesium	24-2	5823167	5822428	5814303	5819966	0.08	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3076-01	Instrumnet Name :	P7
Client Sample ID :	FESB-07(5-5.5)	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 16:49:48	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1637643	1638248	1639515	1638469	0.06	cps
Molybdenum	94-1	250974	245065	245203	247081	1.36	cps
Molybdenum	95-1	12189	12106	11897	12064	1.25	cps
Molybdenum	96-1	56078	56588	56462	56376	0.47	cps
Molybdenum	97-1	7561	7802	7461	7608	2.31	cps
Molybdenum	98-1	20240	19473	19714	19809	1.98	cps
Neodymium	150-1	256442	257336	255356	256378	0.39	cps
Neodymium	150-2	112530	112282	112265	112359	0.13	cps
Nickel	60-2	116535	116969	117301	116935	0.33	cps
Phosphorus	31-2	12781	12489	12948	12739	1.82	cps
Potassium	39-2	696690	701676	697887	698751	0.37	cps
Rhodium	103-1	5274860	5202944	5104200	5194001	1.65	cps
Rhodium	103-2	2520067	2529877	2565972	2538639	0.95	cps
Scandium	45-1	4061643	3986593	3924539	3990925	1.72	cps
Scandium	45-2	177178	177056	181284	178506	1.35	cps
Selenium	77-2	287	290	280	286	1.78	cps
Selenium	78-2	256	252	244	251	2.26	cps
Selenium	82-1	571	450	539	520	12.01	cps
Silicon	28-1	12017346	11812033	11716200	11848526	1.30	cps
Silver	109-1	2467	2959	2617	2681	9.40	cps
Silver	107-1	2934	3284	3142	3120	5.64	cps
Sodium	23-2	204753	208452	206383	206530	0.90	cps
Strontium	86-1	129781	129380	127385	128849	1.00	cps
Strontium	88-1	1142627	1125990	1110523	1126380	1.43	cps
Sulfur	34-1	149552	149064	149021	149212	0.20	cps
Terbium	159-1	10087209	9935465	9804731	9942468	1.42	cps
Terbium	159-2	5318633	5324991	5404913	5349512	0.90	cps
Thallium	203-1	5735	5685	6043	5821	3.34	cps
Thallium	205-1	13040	13933	14033	13669	4.00	cps
Thorium	232-1	1048199	1046138	1036277	1043538	0.61	cps
Tin	118-1	11330	10721	10671	10907	3.36	cps
Titanium	47-1	323526	313876	315636	317679	1.62	cps
Uranium	238-1	163404	159627	159430	160820	1.39	cps
Vanadium	51-2	257648	256151	256596	256798	0.30	cps
Yttrium	89-1	8412854	8282775	8196200	8297276	1.31	cps
Yttrium	89-2	1296454	1301394	1313295	1303714	0.66	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3076-01	Instrumnet Name :	P7
Client Sample ID :	FESB-07(5-5.5)	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 16:49:48	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	208108	207643	210321	208691	0.69	cps
Zirconium	90-1	655547	643153	644297	647666	1.06	cps
Zirconium	91-1	147907	145566	145448	146307	0.95	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	CCV45	Instrumnet Name :	P7
Client Sample ID :	CCV45	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 17:08:49	DataFile Name :	051CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2936441	2974893	2992746	2968026	0.97	cps
Antimony	121-1	3059492	3040414	3036138	3045348	0.41	cps
Arsenic	75-2	88068	87295	88869	88077	0.89	cps
Barium	135-1	3895617	3871277	3841033	3869309	0.71	cps
Barium	137-1	6999842	6958600	6923969	6960804	0.55	cps
Beryllium	9-1	582218	573872	570570	575553	1.04	cps
Bismuth	209-1	5479987	5478285	5443660	5467311	0.37	cps
Bismuth	209-2	3287512	3334287	3354637	3325479	1.03	cps
Boron	10-1	86849	84637	89138	86875	2.59	cps
Boron	11-1	378704	385445	393537	385895	1.92	cps
Cadmium	111-1	741402	730770	732945	735039	0.76	cps
Cadmium	106-1	83269	83136	82113	82839	0.76	cps
Cadmium	108-1	56981	57173	55249	56468	1.88	cps
Calcium	43-1	4080464	4026717	4004039	4037073	0.97	cps
Calcium	44-1	67555691	66399291	66017020	66657334	1.20	cps
Chromium	52-2	771440	774599	779143	775061	0.50	cps
Cobalt	59-2	1138222	1152331	1157346	1149300	0.86	cps
Copper	63-2	1697170	1721274	1728297	1715580	0.95	cps
Dysprosium	156-1	108	75	92	92	18.18	cps
Dysprosium	156-2	120	67	83	90	30.31	cps
Erbium	164-1	17	42	17	25	57.73	cps
Erbium	164-2	20	33	17	23	37.78	cps
Gadolinium	160-1	133	50	58	81	56.97	cps
Gadolinium	160-2	117	137	143	132	10.50	cps
Holmium	165-1	8838721	8779989	8824158	8814290	0.35	cps
Holmium	165-2	4839487	4898549	4978911	4905649	1.43	cps
Indium	115-1	5280976	5223843	5200968	5235263	0.79	cps
Indium	115-2	1167012	1177956	1186123	1177030	0.81	cps
Iron	56-2	158546942	159299281	159696059	159180761	0.37	cps
Iron	57-2	3955901	3986719	4006173	3982931	0.64	cps
Krypton	83-1	140	117	123	127	9.49	cps
Lead	206-1	2864658	2861345	2849267	2858423	0.28	cps
Lead	207-1	2589852	2579946	2595818	2588539	0.31	cps
Lead	208-1	11802233	11808501	11796485	11802406	0.05	cps
Lithium	6-1	1798466	1768631	1775113	1780737	0.88	cps
Magnesium	24-2	30003548	30294645	30441029	30246407	0.74	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	CCV45	Instrumnet Name :	P7
Client Sample ID :	CCV45	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 17:08:49	DataFile Name :	051CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	997245	1008719	1009195	1005053	0.67	cps
Molybdenum	94-1	5800970	5750542	5727053	5759522	0.66	cps
Molybdenum	95-1	7047507	6923553	6912945	6961335	1.07	cps
Molybdenum	96-1	7840653	7780119	7711899	7777557	0.83	cps
Molybdenum	97-1	4280114	4239234	4199496	4239615	0.95	cps
Molybdenum	98-1	11378805	11207539	11163590	11249978	1.01	cps
Neodymium	150-1	300	340	327	322	6.32	cps
Neodymium	150-2	40	83	50	58	39.28	cps
Nickel	60-2	276444	276799	279989	277744	0.70	cps
Phosphorus	31-2	26249	27802	26925	26992	2.88	cps
Potassium	39-2	15987641	16141603	16181972	16103739	0.64	cps
Rhodium	103-1	4222332	4165251	4163305	4183629	0.80	cps
Rhodium	103-2	2142478	2173919	2187511	2167969	1.07	cps
Scandium	45-1	3286086	3227576	3212402	3242021	1.20	cps
Scandium	45-2	150518	151835	154034	152129	1.17	cps
Selenium	77-2	2584	2584	2650	2606	1.48	cps
Selenium	78-2	8623	8682	8773	8693	0.87	cps
Selenium	82-1	49769	49141	49270	49393	0.67	cps
Silicon	28-1	1779298	1771544	1773097	1774646	0.23	cps
Silver	109-1	3298596	3241047	3246883	3262175	0.97	cps
Silver	107-1	3425763	3394505	3384704	3401658	0.63	cps
Sodium	23-2	59433745	59797208	60213047	59814667	0.65	cps
Strontium	86-1	925373	909835	907783	914330	1.05	cps
Strontium	88-1	8288438	8173928	8169853	8210740	0.82	cps
Sulfur	34-1	399276	388254	389990	392506	1.51	cps
Terbium	159-1	8877975	8816748	8845311	8846678	0.35	cps
Terbium	159-2	4602598	4709564	4728401	4680188	1.45	cps
Thallium	203-1	3550855	3532459	3549146	3544153	0.29	cps
Thallium	205-1	8797213	8833662	8767835	8799570	0.37	cps
Thorium	232-1	14935003	14931253	14922449	14929569	0.04	cps
Tin	118-1	2360332	2344003	2334032	2346122	0.57	cps
Titanium	47-1	1871451	1845515	1833408	1850125	1.05	cps
Uranium	238-1	14408350	14447971	14543741	14466687	0.48	cps
Vanadium	51-2	645691	653966	657159	652272	0.91	cps
Yttrium	89-1	5685721	5598926	5575198	5619949	1.04	cps
Yttrium	89-2	901440	909602	916567	909203	0.83	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	CCV45	Instrumnet Name :	P7
Client Sample ID :	CCV45	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 17:08:49	DataFile Name :	051CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	274995	281206	282697	279633	1.46	cps
Zirconium	90-1	5008124	4905646	4902971	4938913	1.21	cps
Zirconium	91-1	1085835	1073924	1065865	1075208	0.93	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	CCB45	Instrumnet Name :	P7
Client Sample ID :	CCB45	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 17:18:11	DataFile Name :	052CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	958	883	917	920	4.09	cps
Antimony	121-1	1000	1233	1058	1097	11.07	cps
Arsenic	75-2	6	7	2	5	57.32	cps
Barium	135-1	58	100	100	86	27.93	cps
Barium	137-1	83	92	183	119	46.45	cps
Beryllium	9-1	117	113	147	126	14.62	cps
Bismuth	209-1	6586198	6584256	6402252	6524236	1.62	cps
Bismuth	209-2	4010450	4015995	4026808	4017751	0.21	cps
Boron	10-1	1667	1642	1759	1689	3.64	cps
Boron	11-1	7802	7294	7110	7402	4.84	cps
Cadmium	111-1	967	894	981	947	4.89	cps
Cadmium	106-1	1892	1734	1925	1850	5.54	cps
Cadmium	108-1	0	8	4	4	99.96	cps
Calcium	43-1	167	108	158	144	21.84	cps
Calcium	44-1	5776	6652	5860	6096	7.93	cps
Chromium	52-2	500	490	573	521	8.73	cps
Cobalt	59-2	77	50	40	56	34.12	cps
Copper	63-2	530	497	460	496	7.07	cps
Dysprosium	156-1	25	17	17	19	24.73	cps
Dysprosium	156-2	3	10	3	6	69.34	cps
Erbium	164-1	25	67	25	39	61.86	cps
Erbium	164-2	13	20	17	17	20.01	cps
Gadolinium	160-1	42	25	33	33	25.01	cps
Gadolinium	160-2	147	103	100	117	22.31	cps
Holmium	165-1	9688856	9717046	9321274	9575726	2.31	cps
Holmium	165-2	5566595	5594460	5598639	5586564	0.31	cps
Indium	115-1	6396978	6422139	6227078	6348732	1.67	cps
Indium	115-2	1431751	1446643	1445234	1441210	0.57	cps
Iron	56-2	5790	6051	5718	5853	3.00	cps
Iron	57-2	167	211	200	193	12.01	cps
Krypton	83-1	130	173	147	150	14.57	cps
Lead	206-1	417	411	361	396	7.72	cps
Lead	207-1	417	344	311	357	15.10	cps
Lead	208-1	1678	1667	1428	1591	8.88	cps
Lithium	6-1	2111371	2101036	2040169	2084192	1.85	cps
Magnesium	24-2	583	492	625	567	12.04	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	CCB45	Instrumnet Name :	P7
Client Sample ID :	CCB45	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 17:18:11	DataFile Name :	052CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	83	83	73	80	7.22	cps
Molybdenum	94-1	467	458	467	464	1.04	cps
Molybdenum	95-1	592	492	367	483	23.32	cps
Molybdenum	96-1	483	408	558	483	15.52	cps
Molybdenum	97-1	300	242	208	250	18.56	cps
Molybdenum	98-1	867	617	683	722	17.93	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	43	67	43	51	26.37	cps
Phosphorus	31-2	17	83	50	50	66.67	cps
Potassium	39-2	8419	8294	8561	8425	1.59	cps
Rhodium	103-1	5704783	5703291	5501083	5636386	2.08	cps
Rhodium	103-2	2818331	2816642	2828879	2821284	0.24	cps
Scandium	45-1	3971926	3957386	3808918	3912743	2.31	cps
Scandium	45-2	182580	181493	182606	182226	0.35	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	24	35	41	33	25.47	cps
Selenium	82-1	392	429	304	375	17.15	cps
Silicon	28-1	94874	94187	95127	94730	0.51	cps
Silver	109-1	100	92	83	92	9.09	cps
Silver	107-1	125	100	108	111	11.46	cps
Sodium	23-2	7027	7110	6768	6969	2.56	cps
Strontium	86-1	250	250	342	281	18.86	cps
Strontium	88-1	250	200	283	244	17.16	cps
Sulfur	34-1	132720	130686	132341	131916	0.82	cps
Terbium	159-1	9820780	9826359	9488802	9711981	1.99	cps
Terbium	159-2	5384049	5407524	5399803	5397125	0.22	cps
Thallium	203-1	542	583	525	550	5.46	cps
Thallium	205-1	1267	1175	1058	1167	8.95	cps
Thorium	232-1	622	589	767	659	14.33	cps
Tin	118-1	633	525	600	586	9.47	cps
Titanium	47-1	50	133	100	94	44.41	cps
Uranium	238-1	200	117	142	153	27.99	cps
Vanadium	51-2	7	10	17	11	45.82	cps
Yttrium	89-1	6681698	6696271	6512729	6630233	1.54	cps
Yttrium	89-2	1082388	1080128	1082253	1081590	0.12	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	CCB45	Instrumnet Name :	P7
Client Sample ID :	CCB45	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 17:18:11	DataFile Name :	052CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	230	263	203	232	12.94	cps
Zirconium	90-1	533	642	625	600	9.72	cps
Zirconium	91-1	133	133	167	144	13.32	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3076-02	Instrumnet Name :	P7
Client Sample ID :	FESB-08(6.5-7)	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 17:38:19	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7300406	7347241	7278480	7308709	0.48	cps
Antimony	121-1	558	650	408	539	22.64	cps
Arsenic	75-2	3321	3397	3169	3295	3.52	cps
Barium	135-1	771433	767740	759391	766188	0.81	cps
Barium	137-1	1344129	1327144	1319570	1330281	0.95	cps
Beryllium	9-1	6395	6381	6628	6468	2.15	cps
Bismuth	209-1	6504586	6522512	6488671	6505256	0.26	cps
Bismuth	209-2	3659095	3541973	3854913	3685327	4.29	cps
Boron	10-1	2234	2350	2542	2375	6.56	cps
Boron	11-1	10821	10212	10979	10671	3.80	cps
Cadmium	111-1	2447	2336	2157	2313	6.34	cps
Cadmium	106-1	4834	4693	4034	4520	9.45	cps
Cadmium	108-1	975	883	771	876	11.67	cps
Calcium	43-1	122051	119438	117303	119597	1.99	cps
Calcium	44-1	1976936	1950918	1915506	1947786	1.58	cps
Chromium	52-2	357977	357383	357734	357698	0.08	cps
Cobalt	59-2	161693	161292	161989	161658	0.22	cps
Copper	63-2	215452	219471	214659	216527	1.19	cps
Dysprosium	156-1	207606	203547	202826	204660	1.26	cps
Dysprosium	156-2	118132	118138	115200	117157	1.45	cps
Erbium	164-1	171649	171607	171894	171717	0.09	cps
Erbium	164-2	92523	93902	91983	92803	1.07	cps
Gadolinium	160-1	193710	190585	191462	191919	0.84	cps
Gadolinium	160-2	115729	115490	114368	115196	0.63	cps
Holmium	165-1	10159990	10068119	9983209	10070439	0.88	cps
Holmium	165-2	5330478	5124278	5560378	5338378	4.09	cps
Indium	115-1	6308531	6249780	6243638	6267316	0.57	cps
Indium	115-2	1280450	1237093	1345274	1287606	4.23	cps
Iron	56-2	256845534	258365667	254153328	256454843	0.83	cps
Iron	57-2	6445775	6495829	6437466	6459690	0.49	cps
Krypton	83-1	330	317	313	320	2.76	cps
Lead	206-1	753304	742167	738125	744532	1.06	cps
Lead	207-1	609912	614493	600813	608406	1.14	cps
Lead	208-1	2883991	2874252	2846350	2868198	0.68	cps
Lithium	6-1	2233975	2203204	2182878	2206686	1.17	cps
Magnesium	24-2	4652918	4679008	4623478	4651802	0.60	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3076-02	Instrumnet Name :	P7
Client Sample ID :	FESB-08(6.5-7)	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 17:38:19	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1573687	1580380	1568098	1574055	0.39	cps
Molybdenum	94-1	295447	290409	288133	291330	1.28	cps
Molybdenum	95-1	9762	10321	9954	10012	2.84	cps
Molybdenum	96-1	63383	60947	60605	61645	2.46	cps
Molybdenum	97-1	5951	6318	5768	6013	4.66	cps
Molybdenum	98-1	16176	15976	15559	15904	1.98	cps
Neodymium	150-1	335301	331377	327951	331543	1.11	cps
Neodymium	150-2	144587	144877	143843	144436	0.37	cps
Nickel	60-2	101126	102774	101988	101962	0.81	cps
Phosphorus	31-2	4834	5059	5109	5001	2.93	cps
Potassium	39-2	992151	991479	994771	992800	0.18	cps
Rhodium	103-1	5424293	5398357	5326113	5382921	0.95	cps
Rhodium	103-2	2433809	2344152	2543288	2440416	4.09	cps
Scandium	45-1	4362479	4331103	4260061	4317881	1.22	cps
Scandium	45-2	180600	171501	186650	179584	4.25	cps
Selenium	77-2	330	323	287	313	7.45	cps
Selenium	78-2	270	281	226	259	11.34	cps
Selenium	82-1	640	632	555	609	7.75	cps
Silicon	28-1	13146552	12945416	12767509	12953159	1.46	cps
Silver	109-1	900	875	892	889	1.43	cps
Silver	107-1	1533	1317	1433	1428	7.60	cps
Sodium	23-2	137719	137643	138441	137935	0.32	cps
Strontium	86-1	107391	105191	103697	105427	1.76	cps
Strontium	88-1	940027	929143	905895	925022	1.88	cps
Sulfur	34-1	113716	110860	107713	110763	2.71	cps
Terbium	159-1	10222942	10250958	10174031	10215977	0.38	cps
Terbium	159-2	5117908	4906200	5333693	5119267	4.18	cps
Thallium	203-1	7561	7836	7494	7630	2.37	cps
Thallium	205-1	18413	18705	18289	18469	1.16	cps
Thorium	232-1	1600938	1604426	1579424	1594929	0.85	cps
Tin	118-1	5893	5910	5835	5879	0.67	cps
Titanium	47-1	404997	396664	389291	396984	1.98	cps
Uranium	238-1	197331	196956	194887	196391	0.67	cps
Vanadium	51-2	279415	280053	277632	279033	0.45	cps
Yttrium	89-1	8647594	8463658	8446437	8519230	1.31	cps
Yttrium	89-2	1259610	1227119	1302163	1262964	2.98	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3076-02	Instrumnet Name :	P7
Client Sample ID :	FESB-08(6.5-7)	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 17:38:19	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	113651	115129	113611	114131	0.76	cps
Zirconium	90-1	777029	758135	755844	763669	1.52	cps
Zirconium	91-1	177511	173784	171811	174369	1.66	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3136-01	Instrumnet Name :	P7
Client Sample ID :	FESB-24(6.5-7)	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 17:41:57	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6106052	6048823	6123125	6092667	0.64	cps
Antimony	121-1	658	675	517	617	14.11	cps
Arsenic	75-2	5160	5207	5201	5189	0.49	cps
Barium	135-1	1082010	1089910	1088355	1086758	0.39	cps
Barium	137-1	1881769	1891608	1897009	1890129	0.41	cps
Beryllium	9-1	7168	6832	6955	6985	2.44	cps
Bismuth	209-1	6426242	5923081	6368221	6239181	4.41	cps
Bismuth	209-2	3825287	3886422	3889737	3867149	0.94	cps
Boron	10-1	24295	25472	27259	25675	5.81	cps
Boron	11-1	113659	118974	118647	117093	2.54	cps
Cadmium	111-1	7457	7450	7611	7506	1.21	cps
Cadmium	106-1	5168	4868	5260	5098	4.02	cps
Cadmium	108-1	1308	1217	1321	1282	4.44	cps
Calcium	43-1	982696	989250	989906	987284	0.40	cps
Calcium	44-1	16152613	16236203	16206522	16198446	0.26	cps
Chromium	52-2	288707	289759	291845	290104	0.55	cps
Cobalt	59-2	244246	245857	244953	245019	0.33	cps
Copper	63-2	652914	655394	657379	655229	0.34	cps
Dysprosium	156-1	170068	171711	169163	170314	0.76	cps
Dysprosium	156-2	99722	98358	99335	99138	0.71	cps
Erbium	164-1	153832	151617	153960	153136	0.86	cps
Erbium	164-2	84345	84096	84657	84366	0.33	cps
Gadolinium	160-1	163347	165717	163770	164278	0.77	cps
Gadolinium	160-2	99934	99907	100645	100162	0.42	cps
Holmium	165-1	9931135	9295150	9835277	9687187	3.54	cps
Holmium	165-2	5596802	5677372	5653171	5642448	0.73	cps
Indium	115-1	6156686	5690578	6105039	5984101	4.27	cps
Indium	115-2	1358579	1385732	1390366	1378226	1.25	cps
Iron	56-2	229810444	230160866	229483805	229818372	0.15	cps
Iron	57-2	5819389	5784894	5787712	5797332	0.33	cps
Krypton	83-1	263	327	340	310	13.21	cps
Lead	206-1	4252124	4271803	4254467	4259464	0.25	cps
Lead	207-1	3532692	3531350	3512443	3525495	0.32	cps
Lead	208-1	16630511	16687230	16686913	16668218	0.20	cps
Lithium	6-1	2185916	2044943	2153196	2128018	3.47	cps
Magnesium	24-2	7051725	7038508	7049183	7046472	0.10	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3136-01	Instrumnet Name :	P7
Client Sample ID :	FESB-24(6.5-7)	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 17:41:57	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4750903	4739064	4745006	4744991	0.12	cps
Molybdenum	94-1	311572	311254	308436	310420	0.56	cps
Molybdenum	95-1	14374	14166	14032	14191	1.21	cps
Molybdenum	96-1	67275	69260	67812	68116	1.51	cps
Molybdenum	97-1	8586	8820	8353	8586	2.72	cps
Molybdenum	98-1	22143	23019	22585	22582	1.94	cps
Neodymium	150-1	257794	261237	258350	259127	0.71	cps
Neodymium	150-2	114960	114009	115259	114743	0.57	cps
Nickel	60-2	123800	124724	125414	124646	0.65	cps
Phosphorus	31-2	7902	8103	8052	8019	1.30	cps
Potassium	39-2	1267826	1269497	1277083	1271469	0.39	cps
Rhodium	103-1	5286008	4809929	5225093	5107010	5.07	cps
Rhodium	103-2	2590338	2629413	2639024	2619592	0.98	cps
Scandium	45-1	4124903	3831044	4075568	4010505	3.92	cps
Scandium	45-2	188667	188891	190133	189230	0.42	cps
Selenium	77-2	307	280	303	297	4.90	cps
Selenium	78-2	237	259	261	252	5.31	cps
Selenium	82-1	676	682	565	641	10.29	cps
Silicon	28-1	6256901	6269086	6282908	6269632	0.21	cps
Silver	109-1	6202	6368	6285	6285	1.33	cps
Silver	107-1	6952	6719	6985	6885	2.11	cps
Sodium	23-2	944610	944057	949802	946156	0.33	cps
Strontium	86-1	423738	424843	428787	425789	0.62	cps
Strontium	88-1	3674715	3685867	3719991	3693524	0.64	cps
Sulfur	34-1	165577	167144	166688	166470	0.48	cps
Terbium	159-1	10064435	9302428	9927373	9764745	4.16	cps
Terbium	159-2	5386781	5472118	5467399	5442100	0.88	cps
Thallium	203-1	8295	8069	7853	8072	2.74	cps
Thallium	205-1	19223	19690	18664	19192	2.68	cps
Thorium	232-1	1108072	1114617	1109617	1110769	0.31	cps
Tin	118-1	18580	18480	18254	18438	0.90	cps
Titanium	47-1	894376	904525	897487	898796	0.58	cps
Uranium	238-1	174872	174710	173260	174281	0.51	cps
Vanadium	51-2	330654	327301	331051	329668	0.62	cps
Yttrium	89-1	8170242	7663525	8074464	7969410	3.38	cps
Yttrium	89-2	1295402	1314389	1321694	1310495	1.04	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3136-01	Instrumnet Name :	P7
Client Sample ID :	FESB-24(6.5-7)	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 17:41:57	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	219310	219740	219720	219590	0.11	cps
Zirconium	90-1	812176	814886	807906	811656	0.43	cps
Zirconium	91-1	181476	183122	182979	182526	0.50	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3028-01DLREX3	Instrumnet Name :	P7
Client Sample ID :	MH0BB4DL	Dilution Factor :	3
Date & Time Acquired ::	2019-06-03 17:49:07	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1871575	1858835	1854795	1861735	0.47	cps
Antimony	121-1	62724	63259	64206	63396	1.18	cps
Arsenic	75-2	18445	18313	17906	18221	1.54	cps
Barium	135-1	794001	785485	785386	788290	0.63	cps
Barium	137-1	1373296	1360776	1366918	1366997	0.46	cps
Beryllium	9-1	4774	4514	4651	4646	2.80	cps
Bismuth	209-1	5995043	6263558	6012029	6090210	2.47	cps
Bismuth	209-2	3414216	3459920	3478762	3450966	0.96	cps
Boron	10-1	55343	54926	54231	54833	1.02	cps
Boron	11-1	247455	251321	248629	249135	0.80	cps
Cadmium	111-1	39002	38589	39196	38929	0.80	cps
Cadmium	106-1	6393	6477	6102	6324	3.12	cps
Cadmium	108-1	3059	2934	3046	3013	2.29	cps
Calcium	43-1	12549343	12427891	12312787	12430007	0.95	cps
Calcium	44-1	203794705	201328213	199880438	201667785	0.98	cps
Chromium	52-2	171106	169077	167802	169328	0.98	cps
Cobalt	59-2	95944	96075	96306	96108	0.19	cps
Copper	63-2	776657	776840	771441	774979	0.40	cps
Dysprosium	156-1	118634	117895	116139	117556	1.09	cps
Dysprosium	156-2	65676	66396	66118	66063	0.55	cps
Erbium	164-1	118620	115360	113829	115936	2.11	cps
Erbium	164-2	61310	60838	61364	61171	0.47	cps
Gadolinium	160-1	119341	116576	115720	117212	1.61	cps
Gadolinium	160-2	68168	68423	68225	68272	0.20	cps
Holmium	165-1	9501262	9970621	9430861	9634248	3.05	cps
Holmium	165-2	5029501	5094850	5058016	5060789	0.65	cps
Indium	115-1	5700473	5940711	5652272	5764485	2.68	cps
Indium	115-2	1186773	1197762	1191622	1192052	0.46	cps
Iron	56-2	144244859	142933903	141947817	143042193	0.81	cps
Iron	57-2	3645872	3621303	3602240	3623138	0.60	cps
Krypton	83-1	237	290	260	262	10.20	cps
Lead	206-1	7303129	7291169	7253283	7282527	0.36	cps
Lead	207-1	6439948	6355832	6355389	6383723	0.76	cps
Lead	208-1	29184463	28943936	28952463	29026954	0.47	cps
Lithium	6-1	1877749	1925112	1845658	1882840	2.12	cps
Magnesium	24-2	7157649	7078112	7036063	7090608	0.87	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3028-01DLREX3	Instrumnet Name :	P7
Client Sample ID :	MH0BB4DL	Dilution Factor :	3
Date & Time Acquired ::	2019-06-03 17:49:07	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3976734	3948970	3922709	3949471	0.68	cps
Molybdenum	94-1	171989	170042	171828	171286	0.63	cps
Molybdenum	95-1	155446	152751	150459	152885	1.63	cps
Molybdenum	96-1	182218	179549	180198	180655	0.77	cps
Molybdenum	97-1	96894	95099	94680	95558	1.23	cps
Molybdenum	98-1	253568	248945	247581	250031	1.26	cps
Neodymium	150-1	173282	173256	173835	173458	0.19	cps
Neodymium	150-2	75250	72757	73498	73835	1.73	cps
Nickel	60-2	110865	111308	109048	110407	1.08	cps
Phosphorus	31-2	11421	10921	10604	10982	3.75	cps
Potassium	39-2	1442061	1436687	1430189	1436312	0.41	cps
Rhodium	103-1	4530908	4874728	4514513	4640050	4.38	cps
Rhodium	103-2	2183162	2191751	2183269	2186061	0.23	cps
Scandium	45-1	3616237	3763884	3570754	3650291	2.77	cps
Scandium	45-2	151950	152610	153125	152561	0.39	cps
Selenium	77-2	283	357	317	319	11.51	cps
Selenium	78-2	663	633	652	649	2.30	cps
Selenium	82-1	3795	3653	3742	3730	1.93	cps
Silicon	28-1	52213846	51106445	50946772	51422354	1.34	cps
Silver	109-1	29615	28839	28680	29045	1.72	cps
Silver	107-1	29882	30016	30292	30063	0.69	cps
Sodium	23-2	7640518	7615483	7500793	7585598	0.98	cps
Strontium	86-1	10887086	10796615	10791430	10825044	0.50	cps
Strontium	88-1	94798398	93438469	93472673	93903180	0.83	cps
Sulfur	34-1	6340836	6235493	6202721	6259683	1.15	cps
Terbium	159-1	9500209	10083928	9497230	9693789	3.49	cps
Terbium	159-2	4734184	4770174	4775422	4759926	0.47	cps
Thallium	203-1	25116	26085	24248	25150	3.65	cps
Thallium	205-1	61937	61208	60555	61233	1.13	cps
Thorium	232-1	561577	553220	555983	556927	0.76	cps
Tin	118-1	102026	99878	101666	101190	1.14	cps
Titanium	47-1	558389	546862	544025	549759	1.38	cps
Uranium	238-1	1164701	1156491	1154898	1158697	0.45	cps
Vanadium	51-2	312867	310818	308884	310856	0.64	cps
Yttrium	89-1	7375063	7635989	7344558	7451870	2.15	cps
Yttrium	89-2	1106575	1111395	1106137	1108036	0.26	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3028-01DLREX3	Instrumnet Name :	P7
Client Sample ID :	MH0BB4DL	Dilution Factor :	3
Date & Time Acquired ::	2019-06-03 17:49:07	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	892665	890734	880171	887856	0.76	cps
Zirconium	90-1	229146	226589	223288	226341	1.30	cps
Zirconium	91-1	52790	50222	50582	51198	2.72	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3066-01A	Instrumnet Name :	P7
Client Sample ID :	FESB-27(3.5-4)A	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 17:52:48	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3183783	3186534	3230837	3200384	0.83	cps
Antimony	121-1	2906211	2913020	2896775	2905335	0.28	cps
Arsenic	75-2	89715	89814	89184	89571	0.38	cps
Barium	135-1	4850232	4957891	4814162	4874095	1.53	cps
Barium	137-1	8659558	8601185	8660411	8640385	0.39	cps
Beryllium	9-1	621344	617827	619028	619400	0.29	cps
Bismuth	209-1	6592778	6533070	6541951	6555933	0.49	cps
Bismuth	209-2	4001346	3890290	3930566	3940734	1.43	cps
Boron	10-1	99544	99175	100870	99863	0.89	cps
Boron	11-1	432404	443884	455757	444015	2.63	cps
Cadmium	111-1	747743	732857	739429	740010	1.01	cps
Cadmium	106-1	86068	84946	85642	85552	0.66	cps
Cadmium	108-1	57797	57805	57236	57612	0.57	cps
Calcium	43-1	1021113	1010907	1015954	1015991	0.50	cps
Calcium	44-1	16766545	16599468	16659161	16675058	0.51	cps
Chromium	52-2	1014008	1019482	1021369	1018286	0.38	cps
Cobalt	59-2	1372336	1367003	1375171	1371503	0.30	cps
Copper	63-2	1777371	1799778	1788675	1788608	0.63	cps
Dysprosium	156-1	132510	131608	130061	131393	0.94	cps
Dysprosium	156-2	74856	76082	75908	75615	0.88	cps
Erbium	164-1	115217	114418	115367	115001	0.44	cps
Erbium	164-2	61598	62238	62934	62257	1.07	cps
Gadolinium	160-1	126269	126288	124597	125718	0.77	cps
Gadolinium	160-2	76139	76133	75268	75847	0.66	cps
Holmium	165-1	10214094	10094407	10079780	10129427	0.73	cps
Holmium	165-2	5835777	5629442	5655445	5706888	1.97	cps
Indium	115-1	6187550	6112914	6156656	6152374	0.61	cps
Indium	115-2	1386121	1340499	1347256	1357959	1.81	cps
Iron	56-2	164786904	164715965	165191293	164898054	0.16	cps
Iron	57-2	4081055	4089043	4122164	4097420	0.53	cps
Krypton	83-1	210	207	223	213	4.13	cps
Lead	206-1	3457884	3436146	3419164	3437731	0.56	cps
Lead	207-1	3015537	2978533	2982946	2992339	0.68	cps
Lead	208-1	14002655	13855795	13860857	13906436	0.60	cps
Lithium	6-1	2017073	2010971	2013321	2013788	0.15	cps
Magnesium	24-2	9556862	9605495	9643422	9601926	0.45	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3066-01A	Instrumnet Name :	P7
Client Sample ID :	FESB-27(3.5-4)A	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 17:52:48	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2002484	2019365	2018206	2013352	0.47	cps
Molybdenum	94-1	6919875	6915125	6849915	6894972	0.57	cps
Molybdenum	95-1	8470425	8417004	8401301	8429577	0.43	cps
Molybdenum	96-1	9473093	9349412	9398232	9406912	0.66	cps
Molybdenum	97-1	5351898	5311289	5337061	5333416	0.39	cps
Molybdenum	98-1	13722392	13589432	13601027	13637617	0.54	cps
Neodymium	150-1	199764	200367	201984	200705	0.57	cps
Neodymium	150-2	86703	88894	87844	87814	1.25	cps
Nickel	60-2	369559	370357	368333	369416	0.28	cps
Phosphorus	31-2	6585	6852	6252	6563	4.58	cps
Potassium	39-2	3998900	3997343	4012355	4002866	0.21	cps
Rhodium	103-1	5249636	5194263	5165540	5203147	0.82	cps
Rhodium	103-2	2641130	2567189	2573965	2594095	1.58	cps
Scandium	45-1	3895534	3857721	3868408	3873888	0.50	cps
Scandium	45-2	180832	175759	178814	178468	1.43	cps
Selenium	77-2	2900	3054	2887	2947	3.14	cps
Selenium	78-2	8973	9031	8897	8967	0.75	cps
Selenium	82-1	53961	53715	54160	53945	0.41	cps
Silicon	28-1	30301052	30127612	30096027	30174897	0.37	cps
Silver	109-1	3194984	3172216	3175818	3181006	0.38	cps
Silver	107-1	3299314	3296035	3285058	3293469	0.23	cps
Sodium	23-2	12365245	12382180	12474540	12407322	0.47	cps
Strontium	86-1	1079416	1078896	1072088	1076800	0.38	cps
Strontium	88-1	9573910	9571988	9549433	9565110	0.14	cps
Sulfur	34-1	113850	115059	114387	114432	0.53	cps
Terbium	159-1	10297085	10235910	10206276	10246424	0.45	cps
Terbium	159-2	5621334	5402995	5461220	5495183	2.06	cps
Thallium	203-1	3909516	3887921	3876714	3891383	0.43	cps
Thallium	205-1	9613101	9582233	9544121	9579818	0.36	cps
Thorium	232-1	782402	782788	784450	783213	0.14	cps
Tin	118-1	2740096	2724366	2710555	2725006	0.54	cps
Titanium	47-1	2546876	2511246	2541866	2533329	0.76	cps
Uranium	238-1	15208276	15324113	15181627	15238005	0.50	cps
Vanadium	51-2	788247	794127	794209	792194	0.43	cps
Yttrium	89-1	7637009	7564456	7620459	7607308	0.50	cps
Yttrium	89-2	1220971	1197046	1204962	1207660	1.01	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3066-01A	Instrumnet Name :	P7
Client Sample ID :	FESB-27(3.5-4)A	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 17:52:48	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	360153	365564	364949	363555	0.81	cps
Zirconium	90-1	5715990	5692366	5727025	5711793	0.31	cps
Zirconium	91-1	1260041	1253128	1245279	1252816	0.59	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3028-01DLX3	Instrumnet Name :	P7
Client Sample ID :	MH0BB4DL	Dilution Factor :	3
Date & Time Acquired ::	2019-06-03 17:57:31	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	402106	406122	404213	404147	0.50	cps
Antimony	121-1	14591	15059	14825	14825	1.58	cps
Arsenic	75-2	4027	3917	3902	3949	1.72	cps
Barium	135-1	163688	161493	163250	162810	0.71	cps
Barium	137-1	287625	284806	281868	284766	1.01	cps
Beryllium	9-1	1260	1067	1217	1181	8.59	cps
Bismuth	209-1	6451916	6462855	6096205	6336992	3.29	cps
Bismuth	209-2	3843700	3824416	3797085	3821734	0.61	cps
Boron	10-1	15008	14975	15150	15044	0.62	cps
Boron	11-1	68715	69126	68238	68693	0.65	cps
Cadmium	111-1	9881	9532	9293	9569	3.09	cps
Cadmium	106-1	2875	2775	2875	2842	2.03	cps
Cadmium	108-1	746	679	675	700	5.68	cps
Calcium	43-1	2569388	2558689	2536117	2554731	0.66	cps
Calcium	44-1	42306382	42237319	42110398	42218033	0.24	cps
Chromium	52-2	37865	37047	36639	37184	1.68	cps
Cobalt	59-2	21369	21316	20732	21139	1.67	cps
Copper	63-2	175872	176652	175842	176122	0.26	cps
Dysprosium	156-1	24648	24030	24272	24317	1.28	cps
Dysprosium	156-2	13907	13750	13627	13762	1.02	cps
Erbium	164-1	24114	23421	23529	23688	1.57	cps
Erbium	164-2	12676	12459	12706	12614	1.07	cps
Gadolinium	160-1	23980	23221	24122	23774	2.04	cps
Gadolinium	160-2	13937	14271	14101	14103	1.18	cps
Holmium	165-1	9669862	9652227	9155299	9492462	3.08	cps
Holmium	165-2	5513320	5391012	5364745	5423026	1.46	cps
Indium	115-1	6099411	6074901	5703819	5959377	3.72	cps
Indium	115-2	1338606	1317604	1307485	1321232	1.20	cps
Iron	56-2	31302258	31280621	31095029	31225969	0.36	cps
Iron	57-2	781799	783814	779720	781778	0.26	cps
Krypton	83-1	177	183	153	171	9.21	cps
Lead	206-1	1519442	1500666	1498272	1506126	0.77	cps
Lead	207-1	1308910	1301269	1295974	1302051	0.50	cps
Lead	208-1	5962997	5925133	5917264	5935131	0.41	cps
Lithium	6-1	1899028	1880691	1787727	1855815	3.22	cps
Magnesium	24-2	1496184	1482738	1485037	1487986	0.48	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3028-01DLX3	Instrumnet Name :	P7
Client Sample ID :	MH0BB4DL	Dilution Factor :	3
Date & Time Acquired ::	2019-06-03 17:57:31	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	856676	856362	853888	855642	0.18	cps
Molybdenum	94-1	35746	37049	36639	36478	1.83	cps
Molybdenum	95-1	33824	32939	33256	33340	1.35	cps
Molybdenum	96-1	38970	39714	39038	39241	1.05	cps
Molybdenum	97-1	21417	20874	21617	21303	1.80	cps
Molybdenum	98-1	53284	52966	54547	53599	1.56	cps
Neodymium	150-1	35901	36456	35807	36055	0.97	cps
Neodymium	150-2	15589	15746	15636	15657	0.51	cps
Nickel	60-2	24584	24511	24598	24564	0.19	cps
Phosphorus	31-2	2450	2325	2475	2417	3.33	cps
Potassium	39-2	310156	311882	309515	310518	0.39	cps
Rhodium	103-1	5156194	5129050	4844128	5043124	3.43	cps
Rhodium	103-2	2537372	2502484	2480947	2506934	1.14	cps
Scandium	45-1	3589783	3578115	3358393	3508764	3.72	cps
Scandium	45-2	162135	161432	157766	160444	1.46	cps
Selenium	77-2	80	53	57	63	22.94	cps
Selenium	78-2	178	161	165	168	5.21	cps
Selenium	82-1	1070	980	1053	1034	4.65	cps
Silicon	28-1	10952541	10887665	10890489	10910231	0.34	cps
Silver	109-1	6944	6969	6785	6899	1.44	cps
Silver	107-1	6852	6785	7419	7019	4.96	cps
Sodium	23-2	1561392	1573044	1550061	1561499	0.74	cps
Strontium	86-1	2214781	2195091	2198697	2202856	0.48	cps
Strontium	88-1	19802895	19696978	19733827	19744567	0.27	cps
Sulfur	34-1	1451433	1437460	1427301	1438731	0.84	cps
Terbium	159-1	9827930	9769282	9232083	9609765	3.42	cps
Terbium	159-2	5269886	5193736	5172773	5212132	0.98	cps
Thallium	203-1	6268	6093	6052	6138	1.87	cps
Thallium	205-1	14725	14133	14725	14528	2.35	cps
Thorium	232-1	113632	114388	114191	114070	0.34	cps
Tin	118-1	22527	22135	22418	22360	0.91	cps
Titanium	47-1	118566	116836	115811	117071	1.19	cps
Uranium	238-1	233277	233669	235503	234150	0.51	cps
Vanadium	51-2	65974	66596	65645	66072	0.73	cps
Yttrium	89-1	6600204	6565236	6225470	6463637	3.20	cps
Yttrium	89-2	1043068	1030850	1014292	1029404	1.40	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	K3028-01DLX3	Instrumnet Name :	P7
Client Sample ID :	MH0BB4DL	Dilution Factor :	3
Date & Time Acquired ::	2019-06-03 17:57:31	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	214250	215529	217064	215614	0.65	cps
Zirconium	90-1	47337	46502	46803	46881	0.90	cps
Zirconium	91-1	10262	10087	11105	10485	5.19	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	CCV46	Instrumnet Name :	P7
Client Sample ID :	CCV46	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 18:04:56	DataFile Name :	058CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3010318	3026983	3035508	3024270	0.42	cps
Antimony	121-1	3138070	3104728	3109187	3117328	0.58	cps
Arsenic	75-2	87250	87496	88448	87731	0.72	cps
Barium	135-1	4114279	4076400	4081699	4090793	0.50	cps
Barium	137-1	7371310	7366416	7293923	7343883	0.59	cps
Beryllium	9-1	594568	596297	593188	594685	0.26	cps
Bismuth	209-1	5762192	5705038	5652410	5706547	0.96	cps
Bismuth	209-2	3406271	3365869	3389318	3387153	0.60	cps
Boron	10-1	89196	91107	94068	91457	2.68	cps
Boron	11-1	397656	403272	410236	403721	1.56	cps
Cadmium	111-1	773660	764445	766645	768250	0.63	cps
Cadmium	106-1	86321	87520	88249	87363	1.11	cps
Cadmium	108-1	59232	59164	58813	59070	0.38	cps
Calcium	43-1	4329890	4342789	4234072	4302250	1.38	cps
Calcium	44-1	70668135	70201431	70112752	70327439	0.42	cps
Chromium	52-2	791837	792241	797300	793793	0.38	cps
Cobalt	59-2	1182778	1185095	1186576	1184817	0.16	cps
Copper	63-2	1720035	1725283	1725805	1723708	0.19	cps
Dysprosium	156-1	92	67	83	81	15.80	cps
Dysprosium	156-2	93	80	60	78	21.57	cps
Erbium	164-1	83	42	25	50	60.09	cps
Erbium	164-2	13	30	13	19	50.96	cps
Gadolinium	160-1	67	75	50	64	19.92	cps
Gadolinium	160-2	137	127	153	139	9.70	cps
Holmium	165-1	9319523	9352800	9242743	9305022	0.61	cps
Holmium	165-2	5185988	5149835	5154795	5163539	0.38	cps
Indium	115-1	5587059	5578354	5514010	5559808	0.72	cps
Indium	115-2	1219456	1219729	1226809	1221998	0.34	cps
Iron	56-2	163389487	163877204	164259848	163842180	0.27	cps
Iron	57-2	4058877	4073622	4103387	4078629	0.56	cps
Krypton	83-1	150	153	130	144	8.74	cps
Lead	206-1	2974925	2973687	2967876	2972162	0.13	cps
Lead	207-1	2708886	2678817	2666109	2684604	0.82	cps
Lead	208-1	12301894	12203824	12211551	12239090	0.45	cps
Lithium	6-1	1858114	1849140	1850364	1852539	0.26	cps
Magnesium	24-2	30819258	31089677	31354623	31087852	0.86	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	CCV46	Instrumnet Name :	P7
Client Sample ID :	CCV46	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 18:04:56	DataFile Name :	058CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1026783	1028400	1037909	1031031	0.58	cps
Molybdenum	94-1	6070934	6045042	6080730	6065569	0.30	cps
Molybdenum	95-1	7390489	7325672	7309206	7341789	0.59	cps
Molybdenum	96-1	8207922	8193365	8180495	8193927	0.17	cps
Molybdenum	97-1	4487046	4478894	4455077	4473672	0.37	cps
Molybdenum	98-1	11962983	11873557	11847091	11894544	0.51	cps
Neodymium	150-1	380	400	333	371	9.22	cps
Neodymium	150-2	67	60	57	61	8.33	cps
Nickel	60-2	284856	285552	288564	286324	0.69	cps
Phosphorus	31-2	27593	27318	27743	27551	0.78	cps
Potassium	39-2	16465398	16509418	16650465	16541760	0.58	cps
Rhodium	103-1	4528877	4476562	4414322	4473254	1.28	cps
Rhodium	103-2	2258789	2257226	2262119	2259378	0.11	cps
Scandium	45-1	3470099	3466941	3390256	3442432	1.31	cps
Scandium	45-2	158207	158103	160114	158808	0.71	cps
Selenium	77-2	2564	2557	2407	2509	3.53	cps
Selenium	78-2	8445	8742	8386	8524	2.24	cps
Selenium	82-1	51636	51190	51557	51461	0.46	cps
Silicon	28-1	1866370	1873886	1880190	1873482	0.37	cps
Silver	109-1	3434662	3391326	3394024	3406671	0.71	cps
Silver	107-1	3576235	3551903	3554773	3560971	0.37	cps
Sodium	23-2	60983468	61273266	61731431	61329388	0.61	cps
Strontium	86-1	974939	968547	970773	971420	0.33	cps
Strontium	88-1	8678124	8699356	8599207	8658895	0.61	cps
Sulfur	34-1	412755	412180	408392	411109	0.58	cps
Terbium	159-1	9401950	9387041	9229008	9339333	1.03	cps
Terbium	159-2	4862976	4851328	4853895	4856066	0.13	cps
Thallium	203-1	3696171	3690073	3711472	3699239	0.30	cps
Thallium	205-1	9108551	9155904	9078289	9114248	0.43	cps
Thorium	232-1	15316125	15414655	15347783	15359521	0.33	cps
Tin	118-1	2486113	2473185	2479864	2479721	0.26	cps
Titanium	47-1	1958827	1943051	1943063	1948313	0.47	cps
Uranium	238-1	14921015	14846009	14793668	14853564	0.43	cps
Vanadium	51-2	668437	670655	670396	669829	0.18	cps
Yttrium	89-1	6042248	5986288	5905398	5977978	1.15	cps
Yttrium	89-2	952719	944562	946192	947824	0.46	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	CCV46	Instrumnet Name :	P7
Client Sample ID :	CCV46	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 18:04:56	DataFile Name :	058CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	277390	279044	278266	278233	0.30	cps
Zirconium	90-1	5254045	5193431	5208021	5218499	0.61	cps
Zirconium	91-1	1138464	1134486	1137230	1136727	0.18	cps

LB Number : LB103176 Operator : Jaswal
 Lab Sample ID : CCB46 Instrumnet Name : P7
 Client Sample ID : CCB46 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-03 18:14:03 DataFile Name : 059CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	483	658	667	603	17.18	cps
Antimony	121-1	1092	1308	1183	1195	9.11	cps
Arsenic	75-2	11	11	2	8	66.63	cps
Barium	135-1	117	100	167	128	27.15	cps
Barium	137-1	208	233	225	222	5.73	cps
Beryllium	9-1	160	180	130	157	16.06	cps
Bismuth	209-1	6773560	6725391	6722830	6740594	0.42	cps
Bismuth	209-2	4355204	3966138	3819464	4046935	6.84	cps
Boron	10-1	2342	2067	2000	2136	8.48	cps
Boron	11-1	9220	8636	8186	8681	5.97	cps
Cadmium	111-1	904	1135	1103	1047	11.94	cps
Cadmium	106-1	1759	2175	2117	2017	11.19	cps
Cadmium	108-1	13	4	8	8	49.98	cps
Calcium	43-1	208	242	217	222	7.81	cps
Calcium	44-1	7594	7461	7269	7441	2.20	cps
Chromium	52-2	463	557	610	543	13.66	cps
Cobalt	59-2	73	30	53	52	41.54	cps
Copper	63-2	577	520	577	558	5.87	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	25	25	8	19	49.50	cps
Erbium	164-2	13	17	7	12	41.65	cps
Gadolinium	160-1	33	8	42	28	62.46	cps
Gadolinium	160-2	120	133	123	126	5.53	cps
Holmium	165-1	9974957	9880108	9886177	9913747	0.54	cps
Holmium	165-2	6132678	5550332	5357702	5680237	7.10	cps
Indium	115-1	6616635	6572957	6649534	6613042	0.58	cps
Indium	115-2	1582825	1438410	1388538	1469924	6.86	cps
Iron	56-2	7930	8408	8164	8167	2.93	cps
Iron	57-2	283	233	256	257	9.73	cps
Krypton	83-1	170	170	193	178	7.58	cps
Lead	206-1	500	550	567	539	6.44	cps
Lead	207-1	439	467	456	454	3.08	cps
Lead	208-1	2145	2233	2239	2206	2.40	cps
Lithium	6-1	2192749	2177467	2188258	2186158	0.36	cps
Magnesium	24-2	908	700	850	820	13.12	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	CCB46	Instrumnet Name :	P7
Client Sample ID :	CCB46	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 18:14:03	DataFile Name :	059CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	90	90	73	84	11.40	cps
Molybdenum	94-1	725	708	650	694	5.67	cps
Molybdenum	95-1	750	600	600	650	13.32	cps
Molybdenum	96-1	783	850	625	753	15.35	cps
Molybdenum	97-1	508	400	542	483	15.32	cps
Molybdenum	98-1	1142	983	908	1011	11.78	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	70	60	50	60	16.67	cps
Phosphorus	31-2	67	100	50	72	35.25	cps
Potassium	39-2	9203	8853	8986	9014	1.96	cps
Rhodium	103-1	5884379	5868367	5879968	5877571	0.14	cps
Rhodium	103-2	3101187	2829894	2712594	2881225	6.92	cps
Scandium	45-1	4088133	4052147	4072114	4070798	0.44	cps
Scandium	45-2	201146	183028	175371	186515	7.10	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	26	50	39	38	31.48	cps
Selenium	82-1	310	395	413	373	14.73	cps
Silicon	28-1	102601	105648	98465	102238	3.53	cps
Silver	109-1	392	400	417	403	3.16	cps
Silver	107-1	442	383	525	450	15.82	cps
Sodium	23-2	8603	8344	8128	8358	2.85	cps
Strontium	86-1	325	242	267	278	15.40	cps
Strontium	88-1	517	483	575	525	8.84	cps
Sulfur	34-1	133284	133738	135485	134169	0.87	cps
Terbium	159-1	10093419	10126890	10112188	10110832	0.17	cps
Terbium	159-2	5925247	5364710	5173628	5487861	7.12	cps
Thallium	203-1	533	558	633	575	9.05	cps
Thallium	205-1	1325	1375	1117	1272	10.77	cps
Thorium	232-1	1000	861	950	937	7.51	cps
Tin	118-1	542	625	742	636	15.79	cps
Titanium	47-1	117	158	150	142	15.56	cps
Uranium	238-1	483	208	367	353	39.13	cps
Vanadium	51-2	20	17	37	24	43.83	cps
Yttrium	89-1	6903274	6849587	6893506	6882122	0.42	cps
Yttrium	89-2	1181760	1080570	1044815	1102382	6.44	cps

LB Number :	LB103176	Operator :	Jaswal
Lab Sample ID :	CCB46	Instrumnet Name :	P7
Client Sample ID :	CCB46	Dilution Factor :	1
Date & Time Acquired ::	2019-06-03 18:14:03	DataFile Name :	059CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	243	343	250	279	20.05	cps
Zirconium	90-1	883	683	850	806	13.30	cps
Zirconium	91-1	167	183	200	183	9.09	cps