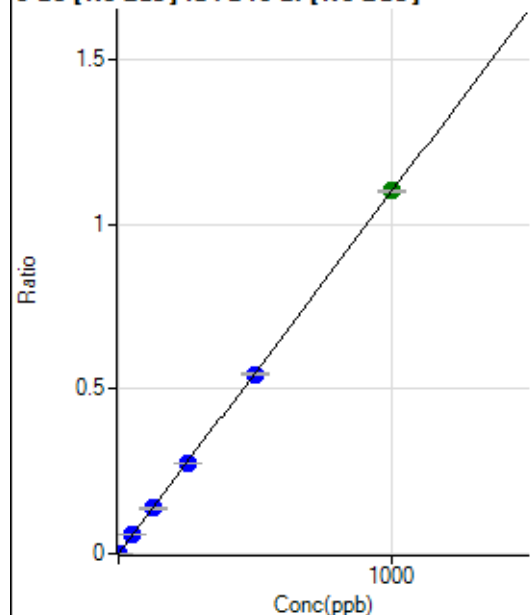


Batch Folder: D:\P8100618-MS.b\
Analysis File: P8100618-MS.batch.bin
DA Date-Time: 2018-10-06 17:26:09
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2018-10-06 15:07:42
2			
3	005CALS.d	S02	2018-10-06 15:15:08
4	006CALS.d	S03	2018-10-06 15:18:56
5	007CALS.d	S04	2018-10-06 15:22:43
6	008CALS.d	S05	2018-10-06 15:26:22
7	009CALS.d	S06	2018-10-06 15:29:56
8	010CALS.d	S07	2018-10-06 15:33:27
9	011CALS.d	S08	2018-10-06 15:36:53

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	161.12	0.0001	P	17.8
2	☐	0.100					
3	☐	1.000	0.874	1481.60	0.0011	P	4.0
4	☐	50.000	52.293	77564.14	0.0577	P	5.5
5	☐	125.000	125.488	189990.52	0.1382	P	1.4
6	☐	250.000	248.742	370015.36	0.2739	P	1.2
7	☐	500.000	495.726	721841.36	0.5457	P	1.1
8	☐	1000.000	1002.276	1438199.15	1.1032	A	0.7
9	☐			831.53	0.0007	P	8.6

$$y = 0.0011 * x + 1.1773E-004$$

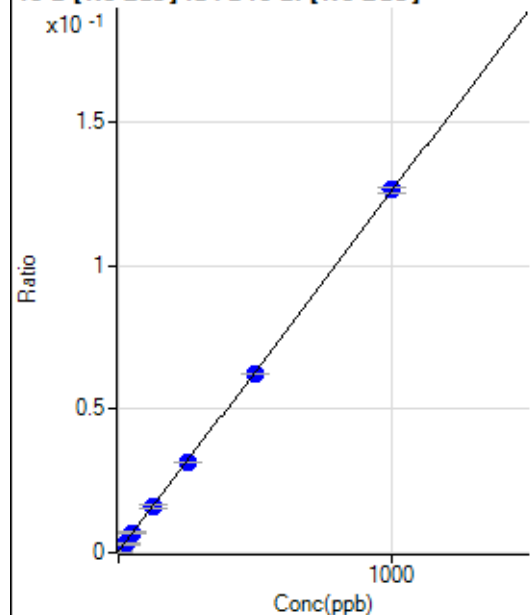
$$R = 1.0000$$

$$DL = 0.05699$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	472.25	0.0003	P	6.0
2	☐	2.500					
3	☐	25.000	21.342	4156.33	0.0030	P	4.6
4	☐	50.000	52.369	9320.07	0.0069	P	6.1
5	☐	125.000	124.936	22062.24	0.0161	P	5.7
6	☐	250.000	248.023	42605.96	0.0315	P	1.8
7	☐	500.000	493.417	82537.31	0.0624	P	0.8
8	☐	1000.000	1003.767	164996.66	0.1266	P	1.6
9	☐			7277.17	0.0058	P	12.1

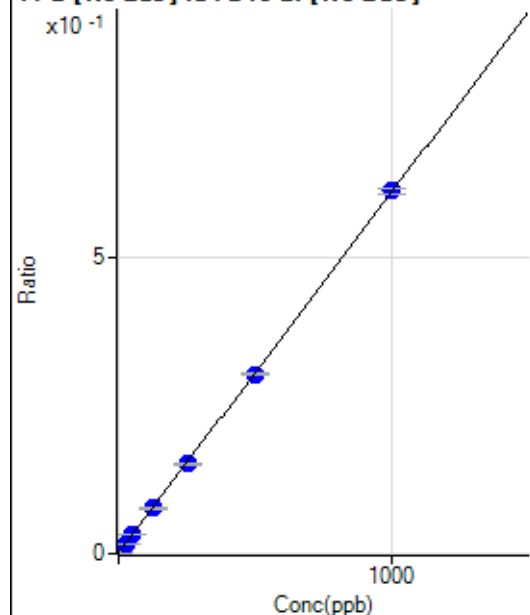
$$y = 1.2575E-004 * x + 3.4538E-004$$

$$R = 1.0000$$

$$DL = 0.4903$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2203.04	0.0016	P	8.0
2	☐	2.500					
3	☐	25.000	21.961	20554.34	0.0150	P	2.7
4	☐	50.000	51.557	44377.96	0.0330	P	4.7
5	☐	125.000	123.540	105564.52	0.0768	P	2.2
6	☐	250.000	245.520	204043.12	0.1510	P	2.6
7	☐	500.000	494.942	400606.07	0.3028	P	1.1
8	☐	1000.000	1003.830	798521.25	0.6126	P	1.8
9	☐			34960.57	0.0280	P	13.3

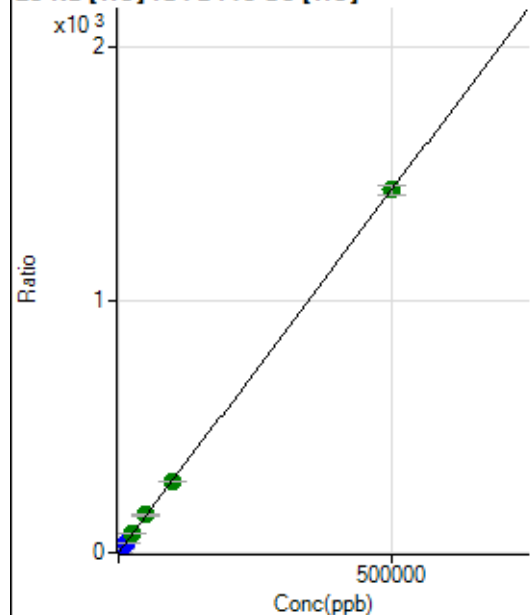
$$y = 6.0861\text{E-}004 * x + 0.0016$$

$$R = 1.0000$$

$$DL = 0.6324$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6757.42	0.2884	P	4.6
2	☐	50.000					
3	☐	500.000	472.222	38274.55	1.6433	P	7.5
4	☐	5000.000	5018.867	346854.16	14.6890	P	0.5
5	☐	12500.000	13346.874	838617.65	38.5846	P	2.2
6	☐	25000.000	25886.434	1662102.77	74.5644	A	1.1
7	☐	50000.000	51992.258	3186016.37	149.4700	A	3.2
8	☐	100000.00	97582.531	6214725.97	280.2823	A	1.5
9	☐	500000.00	500218.61	33157121.57	1,435.567	A	2.5

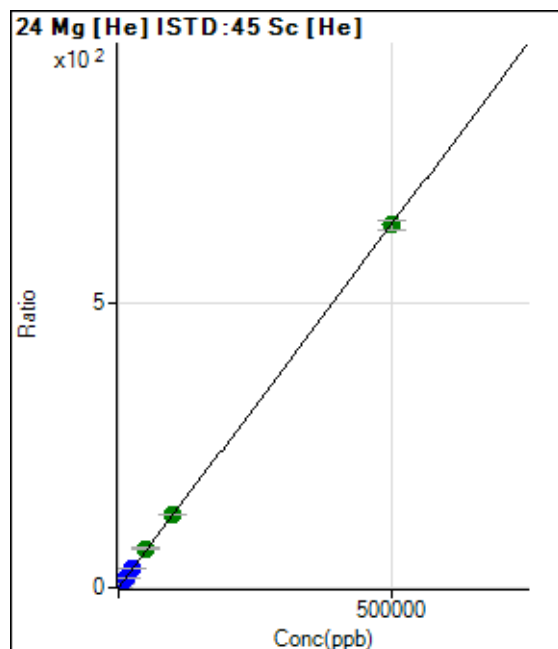
$$y = 0.0029 * x + 0.2884$$

$$R = 1.0000$$

$$DL = 13.87$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	169.45	0.0072	P	13.1
2	☐	50.000					
3	☐	500.000	476.459	14335.57	0.6152	P	5.7
4	☐	5000.000	5158.426	155589.35	6.5891	P	0.3
5	☐	12500.000	13594.397	377130.37	17.3529	P	2.7
6	☐	25000.000	25625.046	728973.69	32.7033	P	1.4
7	☐	50000.000	53935.292	1466875.48	68.8256	A	3.6
8	☐	100000.00	100194.67	2834735.26	127.8499	A	1.8
9	☐	500000.00	499507.36	14720846.86	637.3501	A	2.5

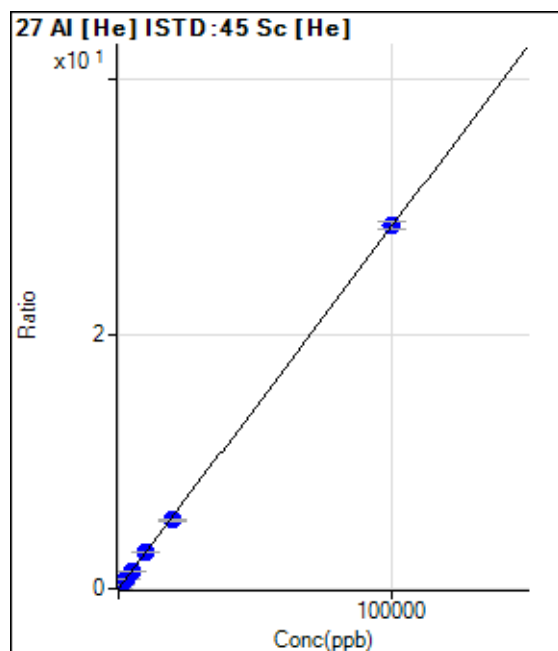
$$y = 0.0013 * x + 0.0072$$

$$R = 1.0000$$

$$DL = 2.222$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	15.84	0.0007	P	39.0
2	☐	2.000					
3	☐	20.000	18.754	140.04	0.0060	P	9.4
4	☐	1000.000	980.699	6603.27	0.2796	P	1.7
5	☐	2500.000	2614.188	16180.02	0.7443	P	1.2
6	☐	5000.000	4915.568	31182.75	1.3990	P	1.7
7	☐	10000.000	10053.251	60952.13	2.8604	P	4.3
8	☐	20000.000	18982.154	119743.49	5.4003	P	1.4
9	☐	100000.00	100199.80	658385.89	28.5035	P	2.2

$$y = 2.8446E-004 * x + 6.7369E-004$$

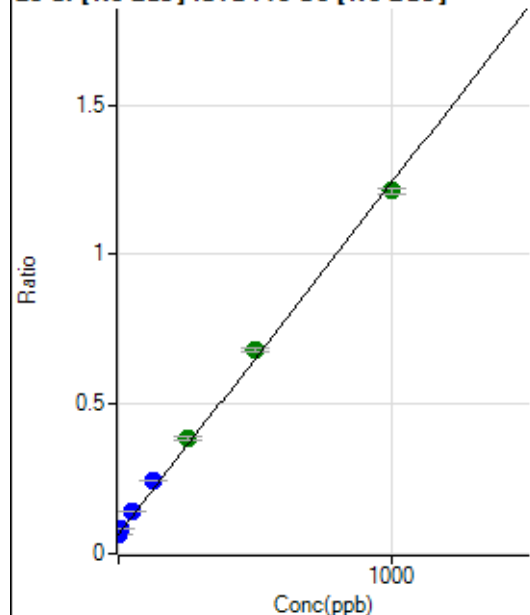
$$R = 0.9999$$

$$DL = 2.774$$

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	204337.16	0.0648	P	0.6
2	☐	1.000					
3	☐	10.000	15.401	260755.26	0.0829	P	2.2
4	☐	50.000	65.380	433038.57	0.1416	P	4.0
5	☐	125.000	152.665	758182.78	0.2441	P	0.9
6	☐	250.000	273.038	1168162.21	0.3854	A	1.7
7	☐	500.000	525.582	2076329.99	0.6820	A	2.0
8	☐	1000.000	977.168	3637007.76	1.2122	A	1.7
9	☐			265414.39	0.0888	P	2.1

$$y = 0.0012 * x + 0.0648$$

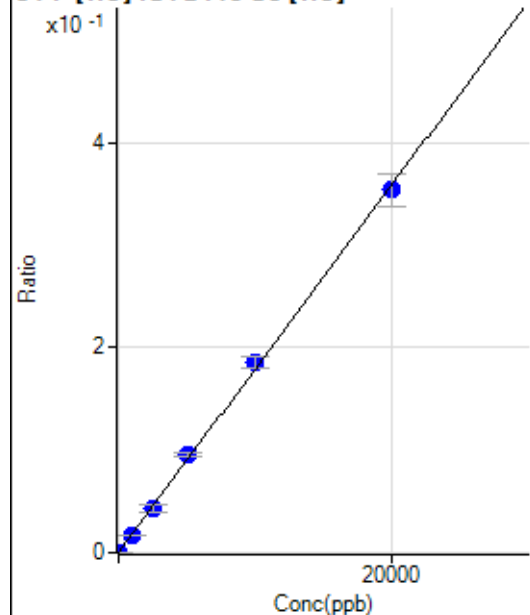
$$R = 0.9991$$

$$DL = 1.072$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-0.113	5.55	0.0002	P	86.6
2	☐	0.000					
3	☐	0.000	0.113	5.56	0.0002	P	173.2
4	☐	1000.000	926.236	397.25	0.0168	P	9.9
5	☐	2500.000	2409.770	941.75	0.0434	P	14.2
6	☐	5000.000	5297.337	2119.70	0.0951	P	4.0
7	☐	10000.000	10380.054	3964.64	0.1861	P	5.8
8	☐	20000.000	19750.606	7841.42	0.3539	P	8.7
9	☐			2.78	0.0001	P	173.2

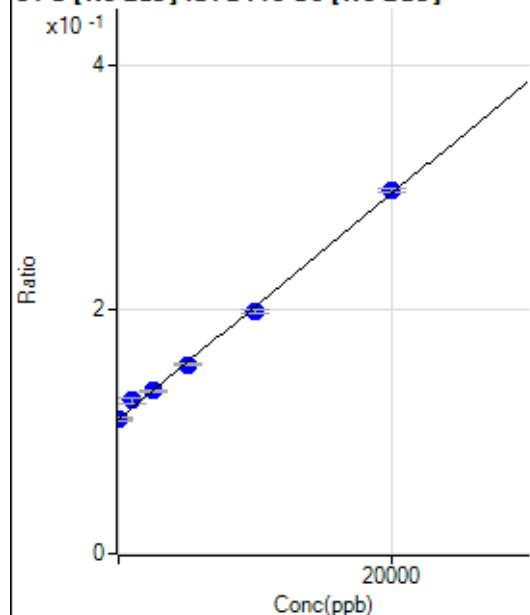
$$y = 1.7908E-005 * x + 2.3633E-004$$

$$R = 0.9995$$

$$DL = 51.58$$

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	18.750	348086.98	0.1104	P	0.4
2	☐	0.000					
3	☐	0.000	-18.750	346246.06	0.1101	P	1.6
4	☐	1000.000	1623.769	382957.48	0.1252	P	3.9
5	☐	2500.000	2481.387	413468.69	0.1331	P	1.3
6	☐	5000.000	4803.821	468298.21	0.1545	P	0.9
7	☐	10000.000	9554.079	603636.44	0.1982	P	1.4
8	☐	20000.000	20243.143	890149.85	0.2967	P	1.1
9	☐			318779.07	0.1067	P	2.3

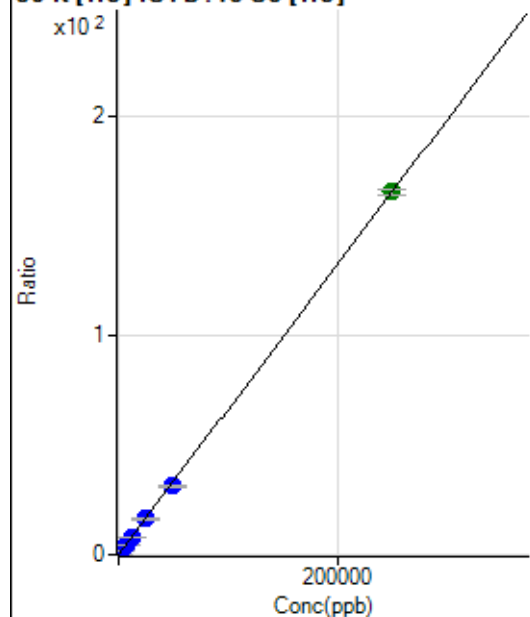
$$y = 9.2085\text{E-}006 * x + 0.1103$$

$$R = 0.9989$$

$$DL = 353.5$$

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	2169.73	0.0925	P	1.7
2	☐	50.000					
3	☐	500.000	483.407	9584.22	0.4113	P	7.6
4	☐	2500.000	2458.959	40478.66	1.7142	P	1.5
5	☐	6250.000	6531.310	95629.69	4.3999	P	2.5
6	☐	12500.000	12274.969	182518.41	8.1878	P	0.6
7	☐	25000.000	24887.121	351741.74	16.5054	P	4.0
8	☐	50000.000	47208.282	692338.11	31.2259	P	1.9
9	☐	250000.00	250574.29	3819380.55	165.3439	A	1.9

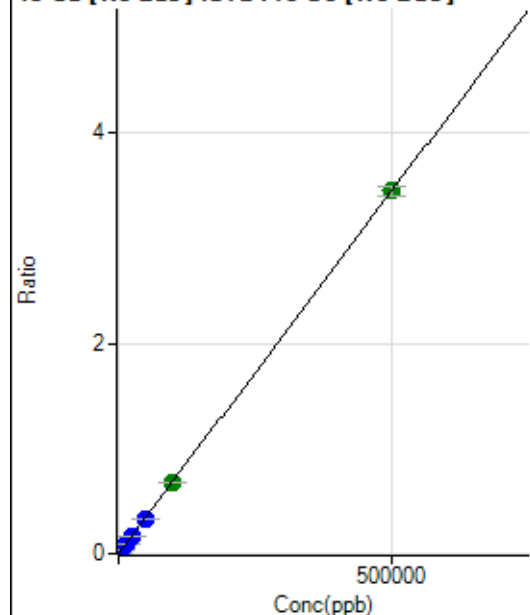
$$y = 6.5949\text{E-}004 * x + 0.0925$$

$$R = 0.9999$$

$$DL = 7.019$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	347.24	0.0001	P	8.9
2	☐	50.000					
3	☐	500.000	440.670	9881.65	0.0031	P	7.4
4	☐	5000.000	5023.852	106102.23	0.0347	P	4.5
5	☐	12500.000	12216.590	261596.07	0.0842	P	1.1
6	☐	25000.000	24657.286	514863.63	0.1699	P	1.2
7	☐	50000.000	48047.222	1007560.75	0.3309	P	1.5
8	☐	100000.00	98229.314	2029510.94	0.6764	A	1.1
9	☐	500000.00	500573.45	10298087.47	3.4464	A	3.0

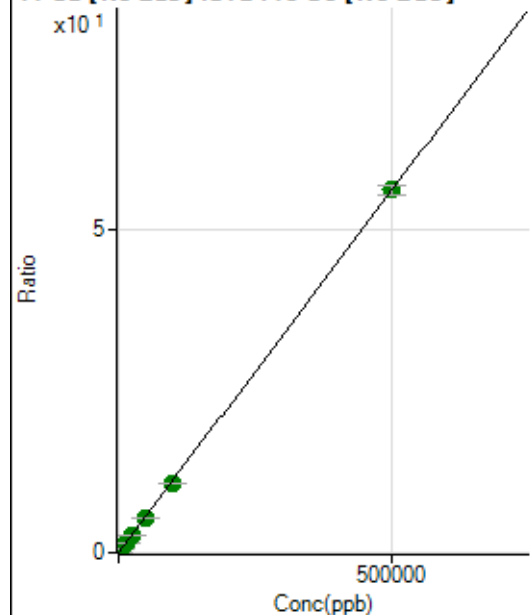
$$y = 6.8848\text{E-}006 * x + 1.1016\text{E-}004$$

$$R = 1.0000$$

$$DL = 4.272$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	10918.62	0.0035	P	1.2
2	☐	50.000					
3	☐	500.000	439.917	165506.19	0.0526	P	1.6
4	☐	5000.000	5062.828	1740745.98	0.5692	A	4.1
5	☐	12500.000	12108.946	4213839.07	1.3566	A	1.0
6	☐	25000.000	24326.624	8250112.25	2.7219	A	0.7
7	☐	50000.000	47730.260	16250612.52	5.3371	A	1.6
8	☐	100000.00	96158.541	32251129.89	10.7488	A	1.2
9	☐	500000.00	501038.14	167323021.8	55.9927	A	2.5

$$y = 1.1175\text{E-}004 * x + 0.0035$$

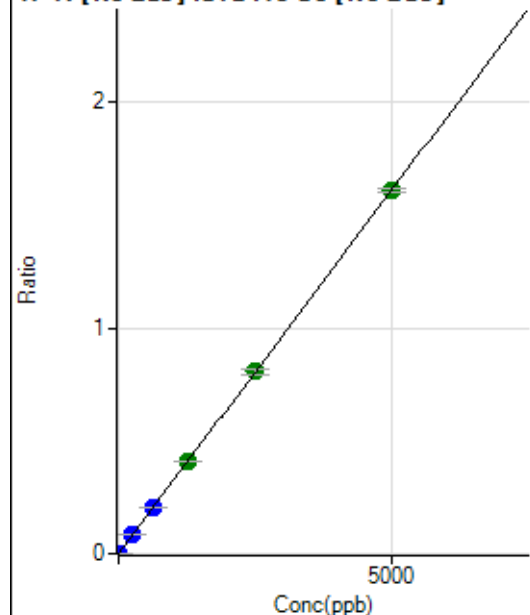
$$R = 1.0000$$

$$DL = 1.093$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	125.01	0.0000	P	26.8
2	☐	0.500					
3	☐	5.000	4.659	4842.74	0.0015	P	7.4
4	☐	250.000	259.190	255473.11	0.0835	P	4.6
5	☐	625.000	629.977	630590.93	0.2030	P	1.1
6	☐	1250.000	1272.533	1242819.92	0.4100	A	0.9
7	☐	2500.000	2501.512	2453867.35	0.8060	A	2.7
8	☐	5000.000	4992.530	4826494.21	1.6086	A	1.0
9	☐			1898.96	0.0006	P	41.8

$$y = 3.2219\text{E-}004 * x + 3.9671\text{E-}005$$

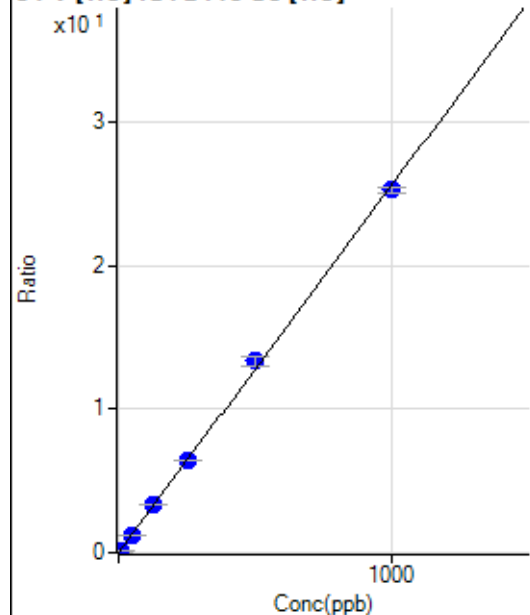
$$R = 1.0000$$

$$DL = 0.09893$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	7.78	0.0003	P	49.8
2	☐	0.500					
3	☐	5.000	4.860	2907.01	0.1248	P	7.2
4	☐	50.000	49.138	29721.75	1.2587	P	0.7
5	☐	125.000	132.330	73670.41	3.3891	P	1.3
6	☐	250.000	252.391	144083.75	6.4637	P	0.9
7	☐	500.000	521.111	284387.62	13.3453	P	4.1
8	☐	1000.000	987.974	560992.03	25.3011	P	1.6
9	☐			324.45	0.0140	P	11.8

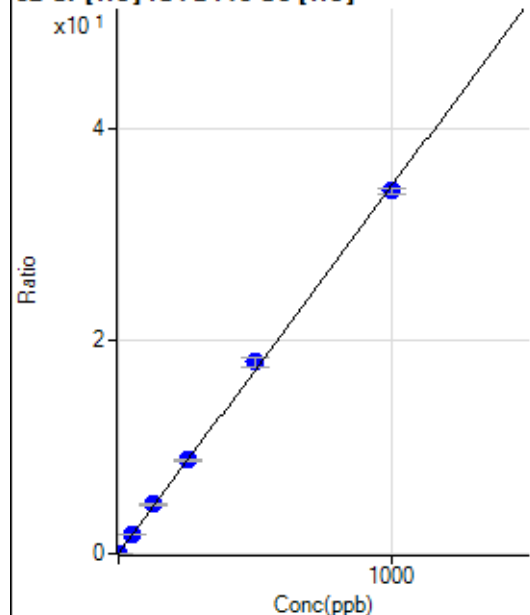
$$y = 0.0256 * x + 3.3222\text{E-}004$$

$$R = 0.9996$$

$$DL = 0.01938$$

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	356.68	0.0152	P	11.1
2	☐	0.200					
3	☐	2.000	2.098	2042.41	0.0876	P	3.9
4	☐	50.000	50.245	41294.29	1.7488	P	0.2
5	☐	125.000	133.880	100722.33	4.6344	P	2.5
6	☐	250.000	253.874	195594.97	8.7745	P	1.0
7	☐	500.000	520.761	383175.74	17.9827	P	4.4
8	☐	1000.000	987.528	755783.63	34.0873	P	1.8
9	☐			43604.46	1.8880	P	3.0

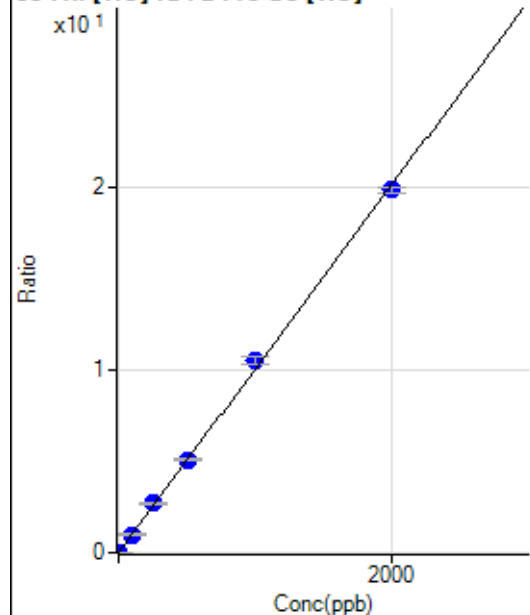
$$y = 0.0345 * x + 0.0152$$

$$R = 0.9996$$

$$DL = 0.1462$$

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	30.00	0.0013	P	19.7
2	☐	0.100					
3	☐	1.000	1.117	292.23	0.0125	P	10.3
4	☐	100.000	99.270	23647.93	1.0015	P	0.9
5	☐	250.000	268.683	58866.80	2.7083	P	1.8
6	☐	500.000	506.835	113854.84	5.1078	P	1.4
7	☐	1000.000	1043.722	224116.92	10.5171	P	4.1
8	☐	2000.000	1974.131	441042.19	19.8912	P	1.6
9	☐			3728.34	0.1615	P	7.3

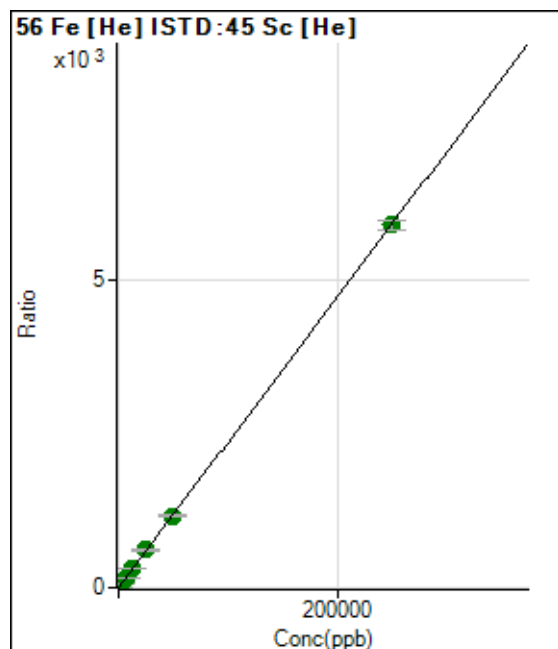
$$y = 0.0101 * x + 0.0013$$

$$R = 0.9996$$

$$DL = 0.07509$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	935.25	0.0399	P	9.5
2	☐	5.000					
3	☐	50.000	48.936	27898.72	1.1971	P	5.7
4	☐	2500.000	2586.593	1445284.45	61.2068	A	0.7
5	☐	6250.000	6812.397	3502269.67	161.1372	A	2.1
6	☐	12500.000	12831.292	6764466.99	303.4699	A	1.4
7	☐	25000.000	26323.381	13265211.06	622.5263	A	4.3
8	☐	50000.000	49641.979	26029111.93	1,173.956	A	1.8
9	☐	250000.00	249907.77	136500471.5	5,909.774	A	2.4

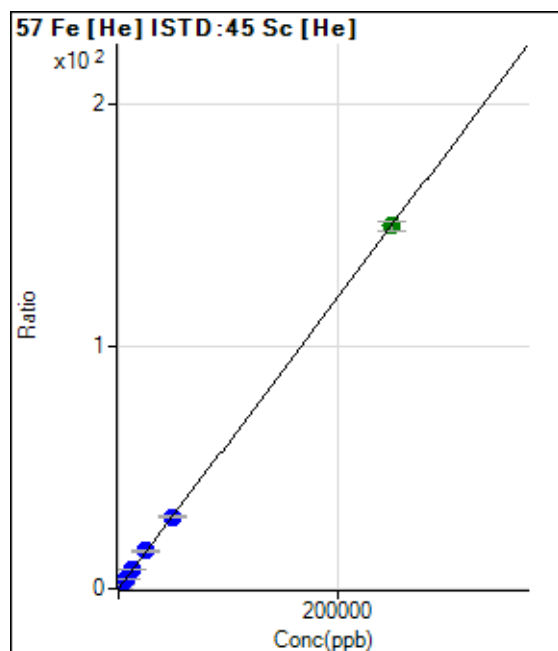
$$y = 0.0236 * x + 0.0399$$

$$R = 1.0000$$

$$DL = 0.4814$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	16.67	0.0007	P	2.0
2	☐	5.000					
3	☐	50.000	47.906	687.08	0.0294	P	9.3
4	☐	2500.000	2491.404	35267.31	1.4935	P	0.7
5	☐	6250.000	6791.689	88470.06	4.0702	P	1.6
6	☐	12500.000	12880.692	172048.18	7.7187	P	1.8
7	☐	25000.000	26278.944	335548.14	15.7468	P	4.2
8	☐	50000.000	49659.509	659706.94	29.7562	P	2.3
9	☐	250000.00	249907.71	3458550.37	149.7429	A	2.6

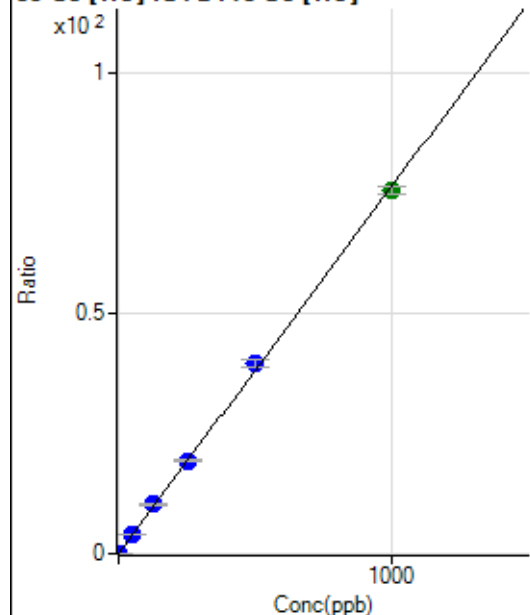
$$y = 5.9919E-004 * x + 7.1128E-004$$

$$R = 1.0000$$

$$DL = 0.073$$

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	48.89	0.0021	P	43.6
2	☐	0.100					
3	☐	1.000	0.976	1782.37	0.0766	P	10.4
4	☐	50.000	50.369	90804.45	3.8455	P	0.4
5	☐	125.000	134.118	222491.73	10.2361	P	1.6
6	☐	250.000	253.095	430549.09	19.3147	P	0.8
7	☐	500.000	519.508	844798.77	39.6434	P	4.1
8	☐	1000.000	988.314	1672088.86	75.4159	A	2.0
9	☐			22267.98	0.9642	P	3.3

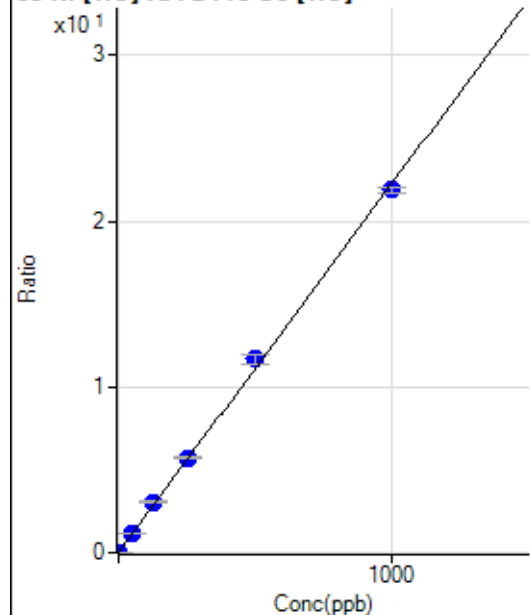
$$y = 0.0763 * x + 0.0021$$

$$R = 0.9997$$

$$DL = 0.03574$$

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	187.78	0.0080	P	16.9
2	☐	0.100					
3	☐	1.000	1.063	736.70	0.0316	P	8.3
4	☐	50.000	51.381	27157.79	1.1501	P	1.9
5	☐	125.000	137.409	66562.62	3.0624	P	2.3
6	☐	250.000	257.907	127966.46	5.7409	P	1.4
7	☐	500.000	524.377	248529.07	11.6641	P	4.6
8	☐	1000.000	984.215	485244.09	21.8857	P	1.9
9	☐			22398.24	0.9702	P	5.0

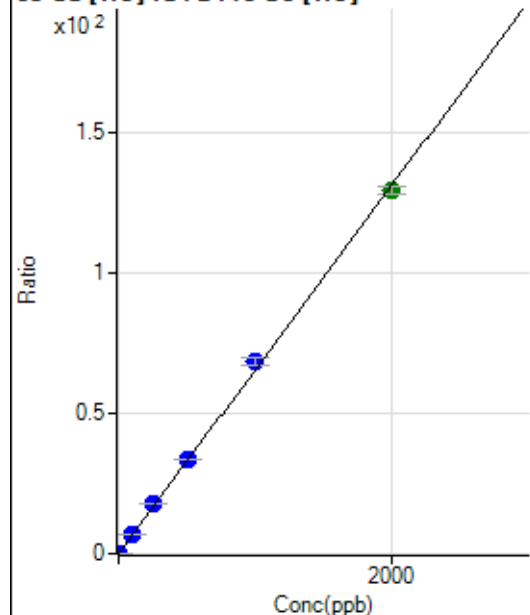
$$y = 0.0222 * x + 0.0080$$

$$R = 0.9995$$

$$DL = 0.1823$$

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	230.01	0.0098	P	15.1
2	☐	0.200					
3	☐	2.000	1.917	3161.52	0.1355	P	2.1
4	☐	100.000	102.269	158470.17	6.7111	P	0.2
5	☐	250.000	270.446	385405.31	17.7311	P	1.7
6	☐	500.000	511.797	747752.78	33.5458	P	1.4
7	☐	1000.000	1044.404	1458755.17	68.4453	P	3.6
8	☐	2000.000	1972.180	2865308.01	129.2388	A	2.3
9	☐			7212.00	0.3123	P	4.4

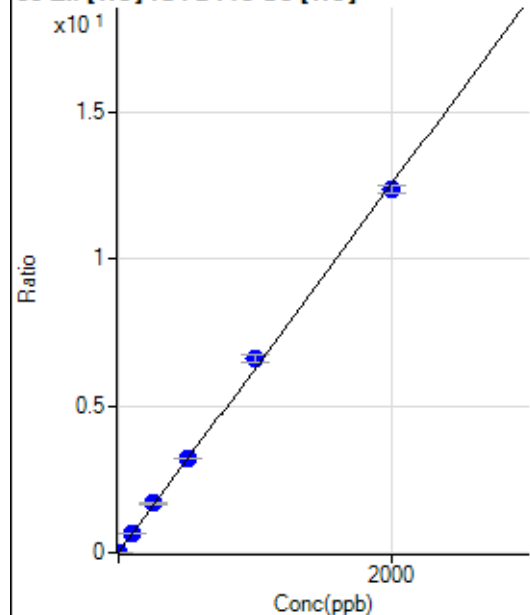
$$y = 0.0655 * x + 0.0098$$

$$R = 0.9996$$

$$DL = 0.0678$$

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	87.78	0.0037	P	11.4
2	☐	0.200					
3	☐	2.000	2.198	407.79	0.0175	P	8.8
4	☐	100.000	100.170	14903.75	0.6312	P	2.1
5	☐	250.000	268.053	36572.75	1.6827	P	2.3
6	☐	500.000	513.364	71766.54	3.2193	P	0.6
7	☐	1000.000	1050.215	140263.62	6.5819	P	4.0
8	☐	2000.000	1969.286	273567.67	12.3387	P	2.0
9	☐			2294.68	0.0993	P	2.2

$$y = 0.0063 * x + 0.0037$$

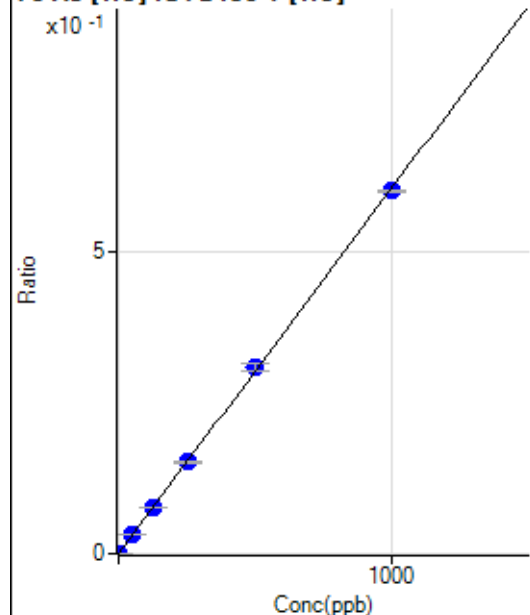
$$R = 0.9995$$

$$DL = 0.2042$$

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	5.56	0.0000	P	57.0
2	☐	0.100					
3	☐	1.000	0.848	89.51	0.0005	P	22.3
4	☐	50.000	51.402	5201.64	0.0311	P	2.9
5	☐	125.000	127.493	12403.18	0.0772	P	1.7
6	☐	250.000	251.622	24479.10	0.1523	P	1.4
7	☐	500.000	511.429	48221.96	0.3095	P	3.7
8	☐	1000.000	993.498	95422.03	0.6012	P	0.4
9	☐			162.97	0.0010	P	8.7

$$y = 6.0505\text{E-}004 * x + 3.3072\text{E-}005$$

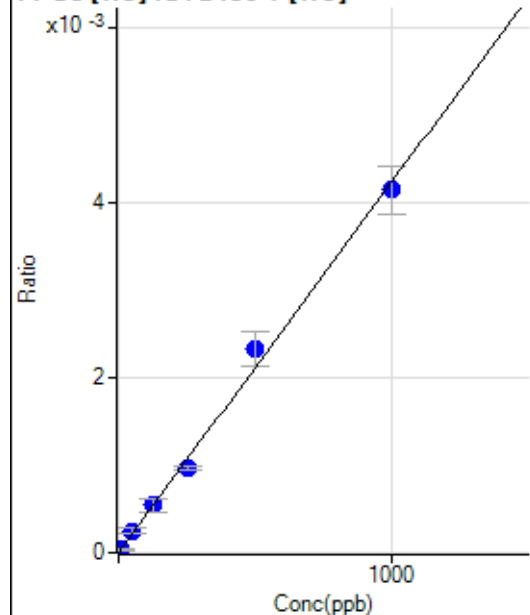
$$R = 0.9999$$

$$DL = 0.09352$$

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	7.922	5.55	0.0000	P	123.2
4	☐	50.000	59.639	42.22	0.0003	P	31.4
5	☐	125.000	127.868	86.67	0.0005	P	29.4
6	☐	250.000	228.734	155.56	0.0010	P	4.0
7	☐	500.000	549.730	362.24	0.0023	P	16.7
8	☐	1000.000	979.596	657.81	0.0041	P	13.5
9	☐			1.11	0.0000	P	173.2

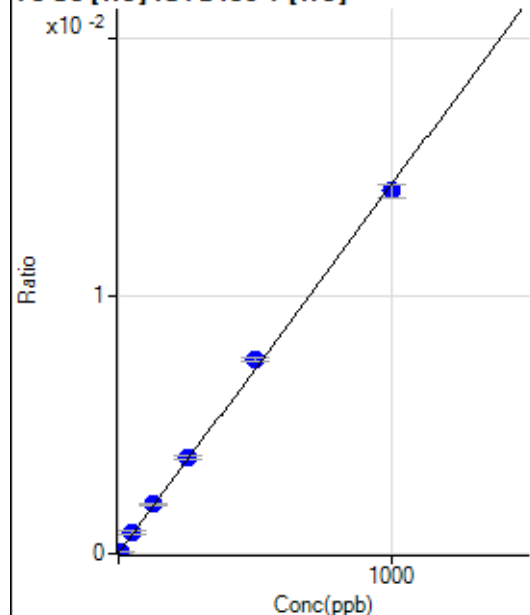
$$y = 4.2314\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9979$$

$$DL = 0$$

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	2.47	0.0000	P	45.2
2	☐	0.500					
3	☐	5.000	3.698	11.11	0.0001	P	19.4
4	☐	50.000	55.277	134.57	0.0008	P	18.1
5	☐	125.000	132.312	306.80	0.0019	P	4.0
6	☐	250.000	261.110	603.11	0.0038	P	4.9
7	☐	500.000	525.779	1175.99	0.0075	P	2.9
8	☐	1000.000	983.162	2236.01	0.0141	P	3.4
9	☐			3.70	0.0000	P	85.1

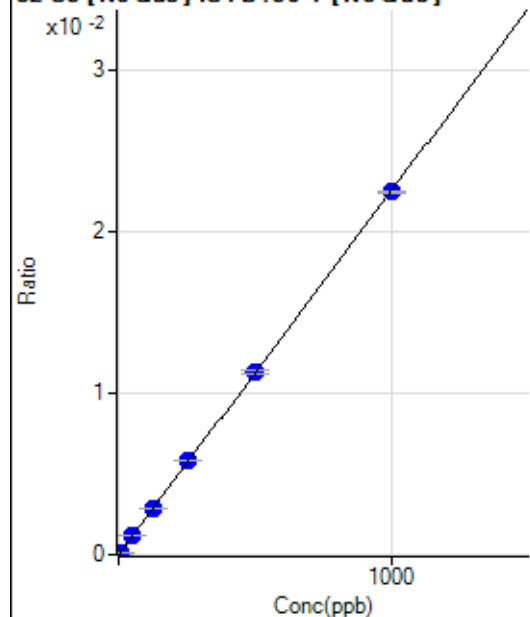
$$y = 1.4313\text{E-}005 * x + 1.4846\text{E-}005$$

$$R = 0.9994$$

$$DL = 1.405$$

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	-8.11	0.0000	P	-729.
2	☐	0.500					
3	☐	5.000	5.156	639.29	0.0001	P	5.9
4	☐	50.000	53.591	6531.14	0.0012	P	3.9
5	☐	125.000	127.145	15886.25	0.0029	P	2.6
6	☐	250.000	258.417	31807.73	0.0058	P	0.5
7	☐	500.000	501.711	62364.56	0.0113	P	2.2
8	☐	1000.000	996.592	123216.90	0.0225	P	0.9
9	☐			151.57	0.0000	P	51.8

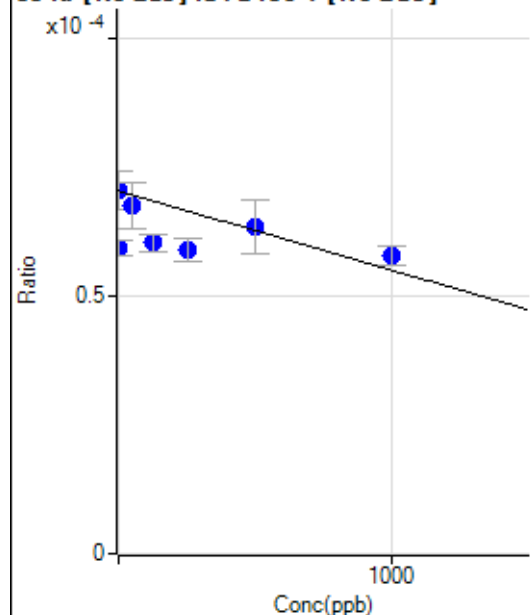
$$y = 2.2570\text{E-}005 * x - 1.4227\text{E-}006$$

$$R = 1.0000$$

$$DL = 1.38$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] ISTD:89 Y [No Gas]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	390.01	0.0001	P	10.6
2	☐	0.100					
3	☐	1.000	714.619	331.12	0.0001	P	4.9
4	☐	50.000	189.501	364.45	0.0001	P	12.9
5	☐	125.000	658.648	334.46	0.0001	P	5.6
6	☐	250.000	743.335	322.23	0.0001	P	7.1
7	☐	500.000	451.086	350.01	0.0001	P	16.2
8	☐	1000.000	826.729	316.68	0.0001	P	6.5
9	☐			356.68	0.0001	P	14.1

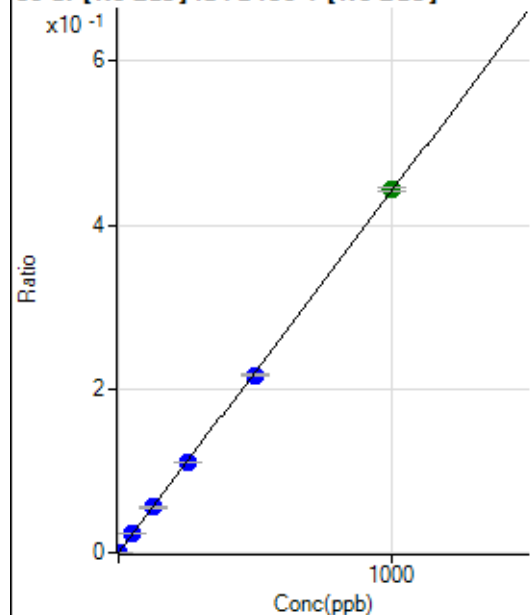
$$y = -1.5395\text{E-}008 * x + 7.0511\text{E-}005$$

$$R = -0.5034$$

$$DL = -1462$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	627.83	0.0001	P	7.3
2	☐	0.100					
3	☐	1.000	0.931	2914.34	0.0005	P	1.3
4	☐	50.000	51.312	122942.36	0.0227	P	2.3
5	☐	125.000	125.393	306835.84	0.0554	P	1.8
6	☐	250.000	250.994	604221.88	0.1108	P	0.7
7	☐	500.000	491.821	1194979.11	0.2169	P	2.0
8	☐	1000.000	1003.726	2424830.83	0.4426	A	1.0
9	☐			11333.01	0.0021	P	3.2

$$y = 4.4088\text{E-}004 * x + 1.1341\text{E-}004$$

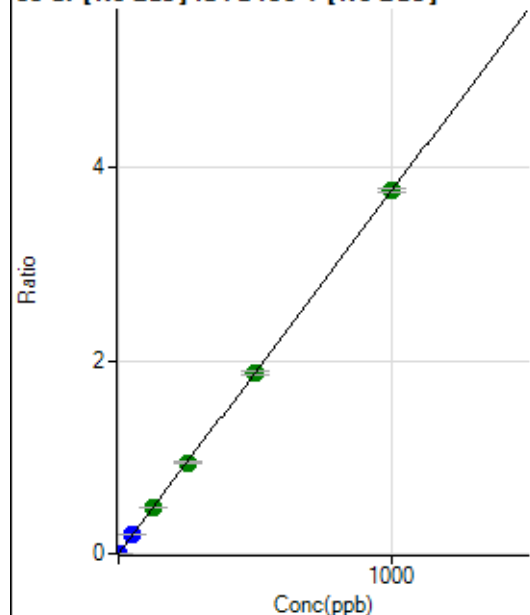
$$R = 0.9999$$

$$DL = 0.0562$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	127.79	0.0000	P	15.7
2	☐	0.100					
3	☐	1.000	0.940	19770.76	0.0036	P	1.8
4	☐	50.000	52.439	1064390.91	0.1969	P	4.2
5	☐	125.000	128.089	2664405.68	0.4810	A	1.5
6	☐	250.000	251.805	5157812.05	0.9456	A	0.8
7	☐	500.000	497.482	10290285.04	1.8681	A	1.8
8	☐	1000.000	1000.300	20577527.89	3.7563	A	1.0
9	☐			98001.18	0.0186	P	3.3

$$y = 0.0038 * x + 2.3080E-005$$

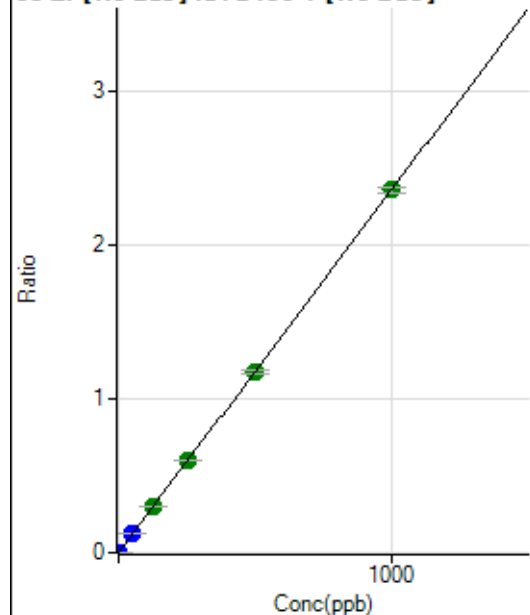
$$R = 1.0000$$

$$DL = 0.002903$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	461.14	0.0001	P	14.5
2	☐	0.100					
3	☐	1.000	0.829	11319.12	0.0020	P	1.9
4	☐	50.000	51.588	656871.34	0.1216	P	4.7
5	☐	125.000	127.257	1660265.42	0.2997	A	1.3
6	☐	250.000	254.231	3265821.10	0.5987	A	0.9
7	☐	500.000	496.769	6443273.80	1.1698	A	2.4
8	☐	1000.000	1000.197	12901761.92	2.3552	A	1.5
9	☐			5190.13	0.0010	P	8.6

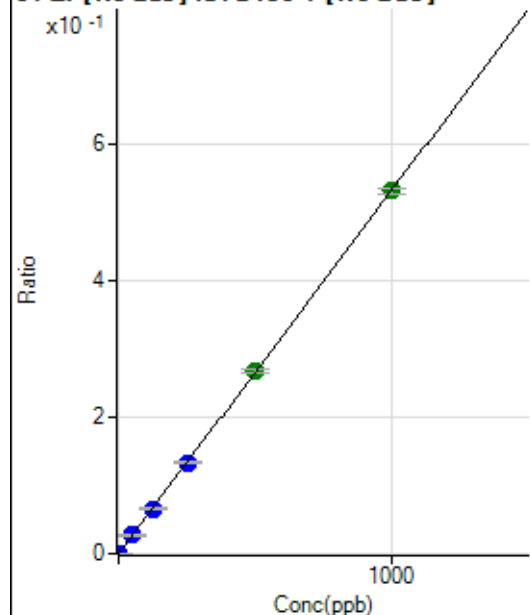
$$y = 0.0024 * x + 8.3293E-005$$

$$R = 1.0000$$

$$DL = 0.01539$$

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	72.23	0.0000	P	18.8
2	☐	0.100					
3	☐	1.000	0.814	2475.34	0.0004	P	3.2
4	☐	50.000	50.891	146015.10	0.0270	P	4.0
5	☐	125.000	124.062	364680.81	0.0658	P	1.7
6	☐	250.000	250.606	725378.53	0.1330	P	0.8
7	☐	500.000	500.998	1464259.72	0.2658	A	2.1
8	☐	1000.000	999.422	2904911.63	0.5303	A	1.7
9	☐			1172.33	0.0002	P	7.8

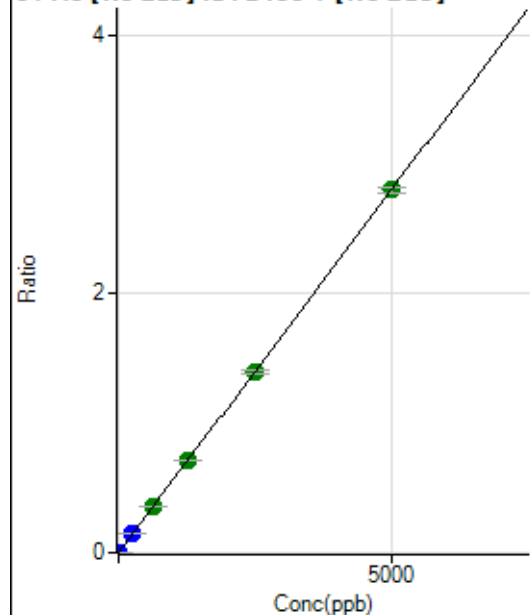
$$y = 5.3059\text{E-}004 * x + 1.3075\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.0139$$

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	261.12	0.0000	P	10.4
2	☐	0.500					
3	☐	5.000	4.596	14588.98	0.0026	P	3.4
4	☐	250.000	258.164	781836.95	0.1447	P	5.0
5	☐	625.000	641.684	1991687.37	0.3596	A	1.6
6	☐	1250.000	1271.147	3885119.79	0.7122	A	1.0
7	☐	2500.000	2485.926	7672242.71	1.3929	A	2.0
8	☐	5000.000	4999.257	15344245.31	2.8010	A	1.4
9	☐			22202.34	0.0042	P	6.3

$$y = 5.6028\text{E-}004 * x + 4.7223\text{E-}005$$

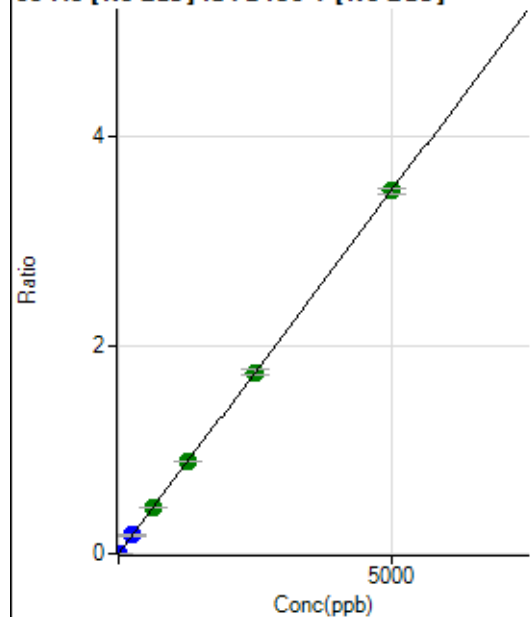
$$R = 1.0000$$

$$DL = 0.02622$$

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	197.23	0.0000	P	18.7
2	☐	0.500					
3	☐	5.000	4.508	17656.71	0.0032	P	3.2
4	☐	250.000	255.660	962092.71	0.1780	P	4.5
5	☐	625.000	632.363	2438978.81	0.4403	A	0.8
6	☐	1250.000	1270.000	4823069.77	0.8842	A	1.0
7	☐	2500.000	2492.974	9559121.83	1.7357	A	3.0
8	☐	5000.000	4997.310	19059341.57	3.4792	A	1.3
9	☐			35358.08	0.0067	P	3.0

$$y = 6.9621\text{E-}004 * x + 3.5640\text{E-}005$$

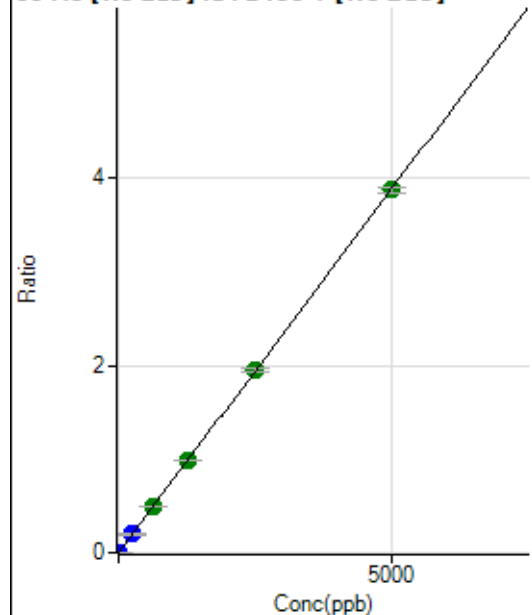
$$R = 1.0000$$

$$DL = 0.02866$$

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	222.23	0.0000	P	4.8
2	☐	0.500					
3	☐	5.000	4.514	19742.99	0.0035	P	2.3
4	☐	250.000	256.443	1077433.89	0.1994	P	4.8
5	☐	625.000	636.486	2740835.02	0.4948	A	1.6
6	☐	1250.000	1274.070	5402833.02	0.9904	A	0.2
7	☐	2500.000	2505.786	10729615.43	1.9479	A	2.0
8	☐	5000.000	4989.332	21246966.28	3.8785	A	1.3
9	☐			40152.10	0.0076	P	6.4

$$y = 7.7736\text{E-}004 * x + 4.0157\text{E-}005$$

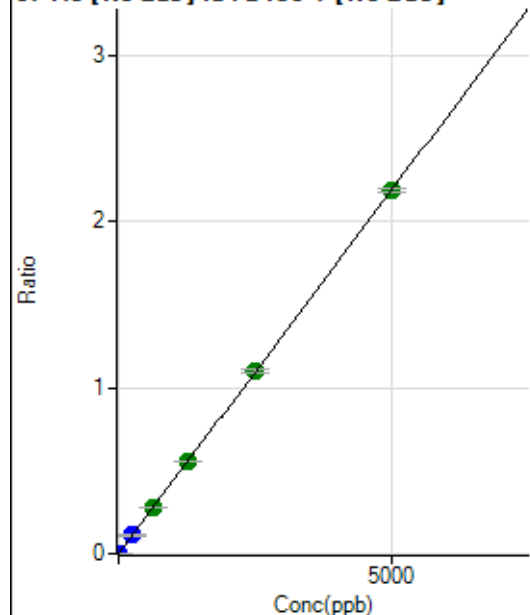
$$R = 1.0000$$

$$DL = 0.007389$$

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	122.23	0.0000	P	11.6
2	☐	0.500					
3	☐	5.000	4.525	11143.93	0.0020	P	6.4
4	☐	250.000	255.389	604475.50	0.1119	P	4.9
5	☐	625.000	633.061	1535808.67	0.2773	A	1.2
6	☐	1250.000	1268.938	3031351.52	0.5557	A	0.4
7	☐	2500.000	2506.032	6044918.76	1.0975	A	2.3
8	☐	5000.000	4990.973	11973579.61	2.1857	A	1.2
9	☐			21935.30	0.0042	P	4.6

$$y = 4.3793\text{E-}004 * x + 2.2114\text{E-}005$$

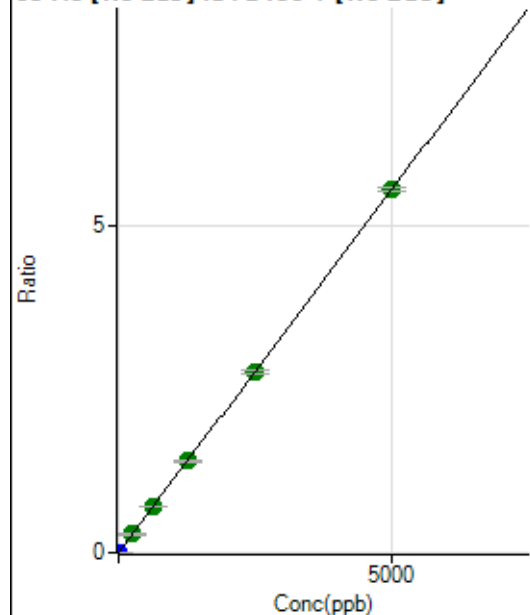
$$R = 1.0000$$

$$DL = 0.01761$$

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	269.46	0.0000	P	12.9
2	☐	0.500					
3	☐	5.000	4.492	27988.11	0.0050	P	1.3
4	☐	250.000	257.747	1545290.67	0.2860	A	4.7
5	☐	625.000	636.134	3909028.78	0.7057	A	1.2
6	☐	1250.000	1259.078	7618712.15	1.3967	A	0.6
7	☐	2500.000	2491.407	15222858.15	2.7636	A	1.9
8	☐	5000.000	5000.248	30384928.80	5.5466	A	1.2
9	☐			55325.10	0.0105	P	5.4

$$y = 0.0011 * x + 4.8712\text{E-}005$$

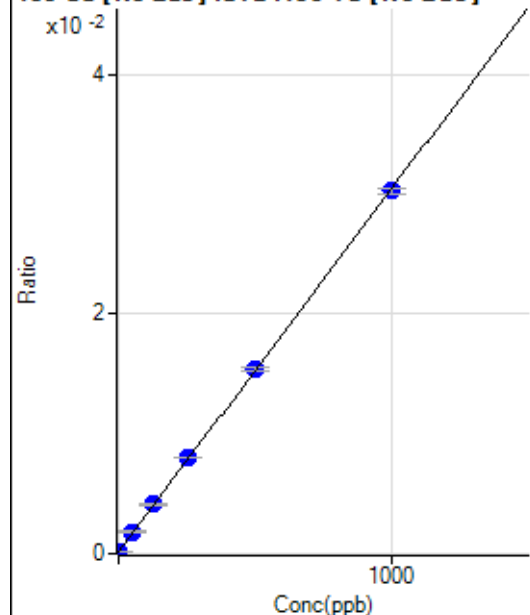
$$R = 1.0000$$

$$DL = 0.017$$

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	1047.31	0.0002	P	7.1
2	☐	0.100					
3	☐	1.000	0.769	1200.11	0.0002	P	9.0
4	☐	50.000	54.936	12144.85	0.0018	P	4.6
5	☐	125.000	130.971	28589.61	0.0041	P	2.1
6	☐	250.000	258.850	55258.38	0.0080	P	1.0
7	☐	500.000	504.643	108200.34	0.0154	P	2.1
8	☐	1000.000	994.473	212451.41	0.0303	P	1.9
9	☐			1088.98	0.0002	P	4.0

$$y = 3.0268\text{E-}005 * x + 1.5271\text{E-}004$$

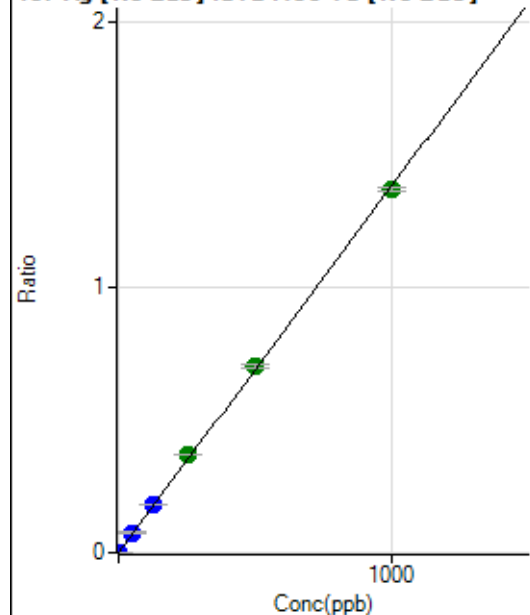
$$R = 0.9999$$

$$DL = 1.074$$

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	69.45	0.0000	P	58.8
2	☐	0.100					
3	☐	1.000	1.005	9553.78	0.0014	P	1.5
4	☐	50.000	54.775	506716.16	0.0757	P	3.4
5	☐	125.000	131.334	1260898.35	0.1816	P	1.2
6	☐	250.000	266.549	2549316.42	0.3685	A	0.5
7	☐	500.000	509.266	4937554.58	0.7041	A	2.5
8	☐	1000.000	990.199	9614390.49	1.3690	A	1.1
9	☐			1455.70	0.0002	P	7.9

$$y = 0.0014 * x + 1.0109\text{E-}005$$

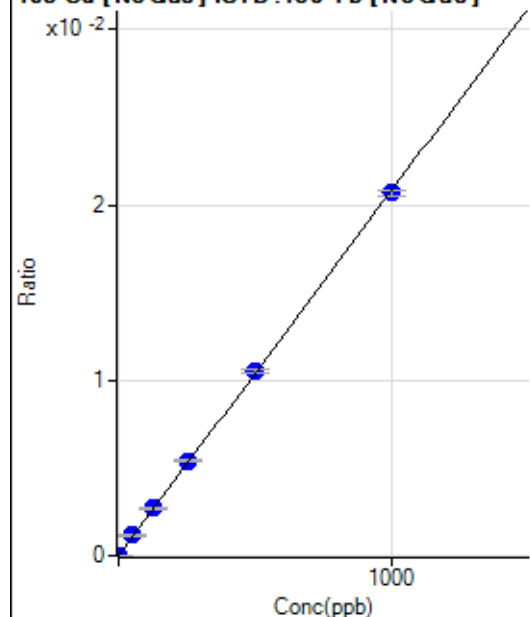
$$R = 0.9998$$

$$DL = 0.01289$$

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	6.95	0.0000	P	124.7
2	☐	0.100					
3	☐	1.000	0.911	136.11	0.0000	P	9.8
4	☐	50.000	55.862	7784.35	0.0012	P	4.6
5	☐	125.000	130.197	18820.36	0.0027	P	3.2
6	☐	250.000	260.280	37477.28	0.0054	P	1.1
7	☐	500.000	505.580	73795.23	0.0105	P	2.2
8	☐	1000.000	993.697	145230.04	0.0207	P	1.8
9	☐			33.33	0.0000	P	47.3

$$y = 2.0811\text{E-}005 * x + 1.0094\text{E-}006$$

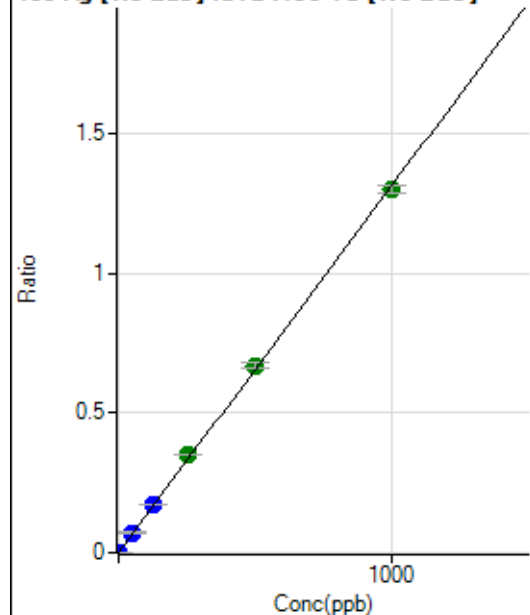
$$R = 0.9999$$

$$DL = 0.1814$$

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	16.3
2	☐	0.100					
3	☐	1.000	0.996	8964.51	0.0013	P	2.9
4	☐	50.000	54.789	480683.36	0.0719	P	4.0
5	☐	125.000	131.372	1196301.01	0.1723	P	1.3
6	☐	250.000	266.973	2421937.30	0.3501	A	0.3
7	☐	500.000	510.373	4693563.08	0.6693	A	2.6
8	☐	1000.000	989.534	9112364.44	1.2977	A	2.2
9	☐			1258.45	0.0002	P	9.5

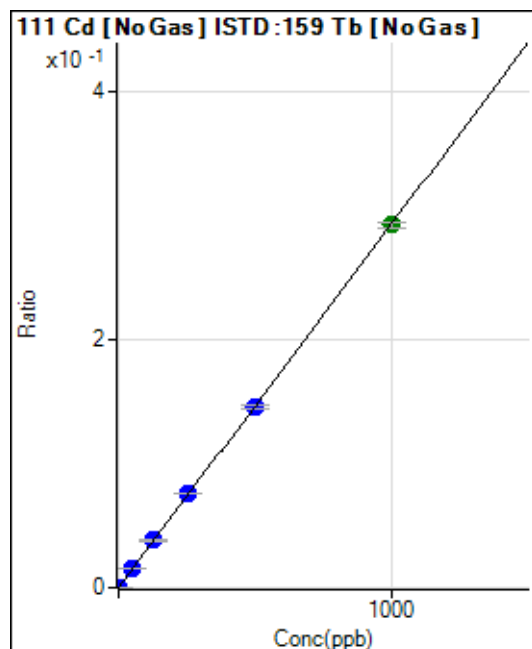
$$y = 0.0013 * x + 7.2871\text{E-}006$$

$$R = 0.9998$$

$$DL = 0.002722$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	733.81	0.0001	P	8.2
2	☐	0.100					
3	☐	1.000	0.924	2581.08	0.0004	P	5.3
4	☐	50.000	53.991	106732.60	0.0160	P	4.1
5	☐	125.000	129.812	265334.35	0.0382	P	1.4
6	☐	250.000	257.171	522965.79	0.0756	P	0.1
7	☐	500.000	499.263	1028539.30	0.1467	P	2.2
8	☐	1000.000	997.775	2057578.27	0.2930	A	1.6
9	☐			1143.14	0.0002	P	1.5

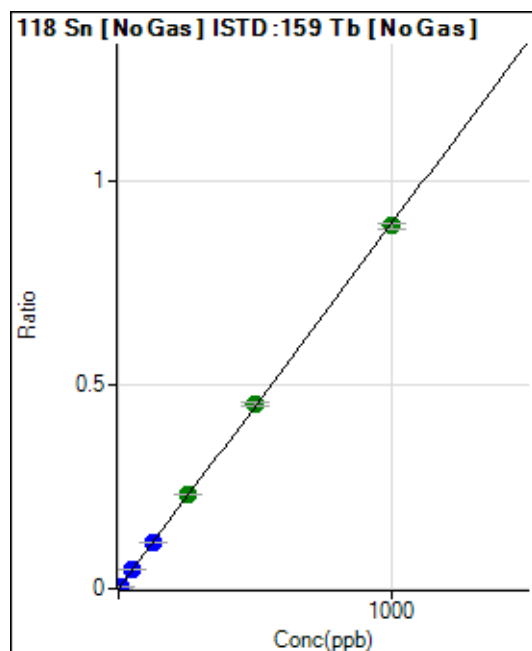
$$y = 2.9355\text{E-}004 * x + 1.0700\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.08923$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	927.86	0.0001	P	6.5
2	☐	0.500					
3	☐	5.000	4.751	29956.88	0.0044	P	2.0
4	☐	50.000	52.587	315971.40	0.0472	P	4.1
5	☐	125.000	127.517	794032.73	0.1144	P	1.1
6	☐	250.000	258.872	1604887.22	0.2320	A	0.8
7	☐	500.000	506.944	3185207.69	0.4542	A	2.4
8	☐	1000.000	993.867	6252254.17	0.8903	A	1.8
9	☐			15028.54	0.0023	P	4.0

$$y = 8.9569\text{E-}004 * x + 1.3526\text{E-}004$$

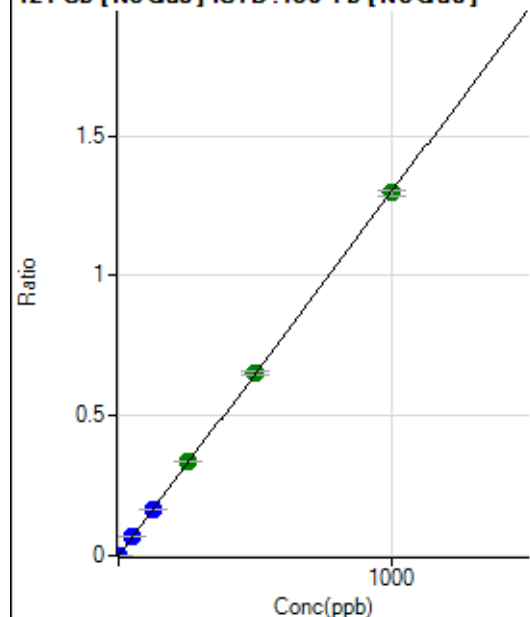
$$R = 0.9999$$

$$DL = 0.02942$$

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	450.03	0.0001	P	15.2
2	☐	0.200					
3	☐	2.000	1.852	16880.87	0.0025	P	1.3
4	☐	50.000	52.008	452656.85	0.0677	P	4.4
5	☐	125.000	127.516	1151451.69	0.1658	P	2.0
6	☐	250.000	258.194	2322333.82	0.3357	A	0.8
7	☐	500.000	501.257	4570245.07	0.6517	A	2.4
8	☐	1000.000	996.909	9101702.55	1.2961	A	1.5
9	☐			24275.76	0.0036	P	7.0

$$y = 0.0013 * x + 6.5630E-005$$

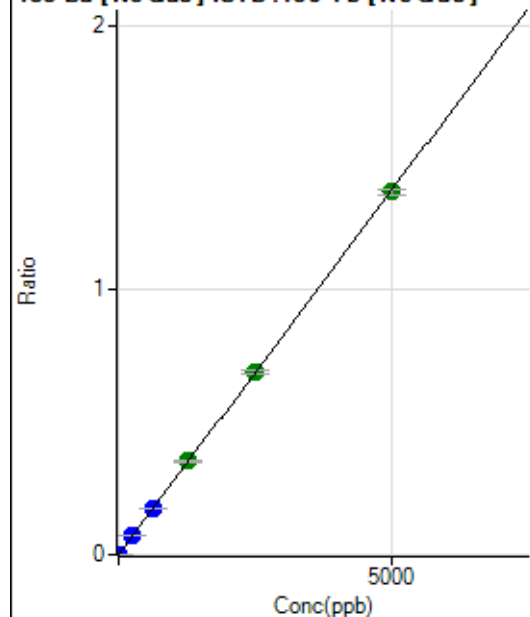
$$R = 1.0000$$

$$DL = 0.02295$$

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	33.33	0.0000	P	75.2
2	☐	1.000					
3	☐	10.000	9.594	18049.22	0.0026	P	2.4
4	☐	250.000	265.570	489069.91	0.0731	P	3.2
5	☐	625.000	642.618	1228140.84	0.1769	P	1.3
6	☐	1250.000	1290.146	2456241.31	0.3551	A	1.7
7	☐	2500.000	2511.170	4846691.65	0.6912	A	2.7
8	☐	5000.000	4981.399	9628171.57	1.3710	A	1.5
9	☐			2444.79	0.0004	P	12.5

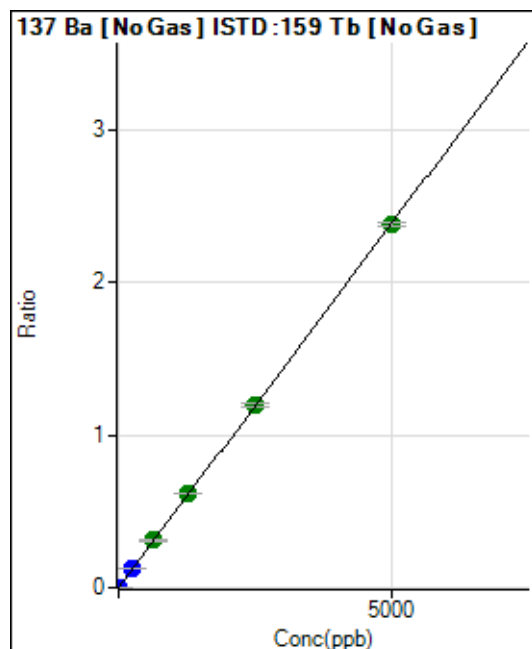
$$y = 2.7523E-004 * x + 4.8682E-006$$

$$R = 1.0000$$

$$DL = 0.03988$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	36.11	0.0000	P	57.7
2	☐	1.000					
3	☐	10.000	9.416	30669.95	0.0045	P	0.8
4	☐	250.000	265.002	845223.24	0.1263	P	3.7
5	☐	625.000	647.538	2143733.03	0.3087	A	1.0
6	☐	1250.000	1293.453	4265707.56	0.6167	A	0.9
7	☐	2500.000	2507.246	8383602.79	1.1953	A	1.7
8	☐	5000.000	4981.947	16680182.66	2.3752	A	1.2
9	☐			4623.24	0.0007	P	8.9

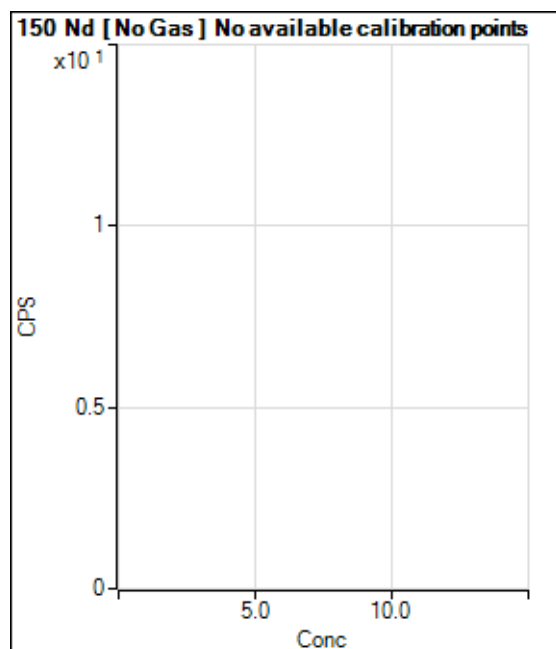
$$y = 4.7675E-004 * x + 5.2572E-006$$

$$R = 1.0000$$

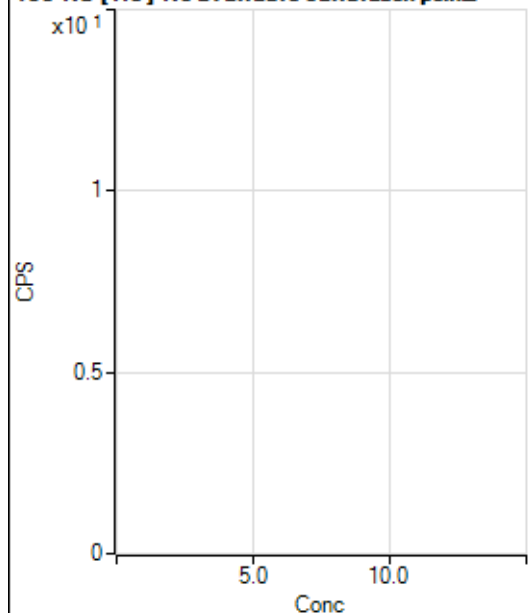
$$DL = 0.01909$$

Weight: <None>

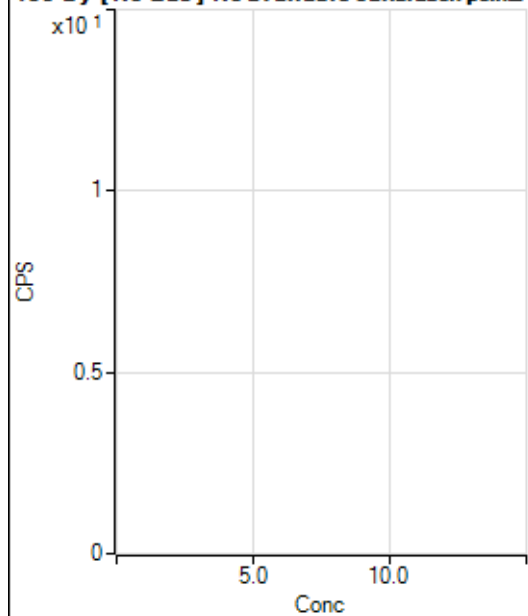
Min Conc: 0



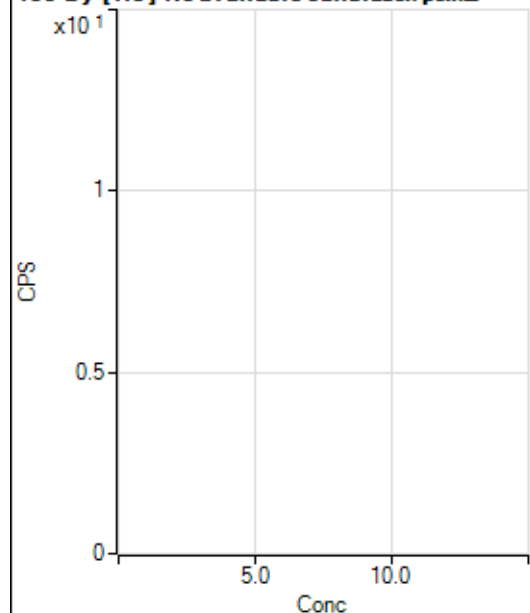
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	86.6
2	☐						
3	☐			11.11		P	91.7
4	☐			26.67		P	25.0
5	☐			66.67		P	17.3
6	☐			95.56		P	26.4
7	☐			197.79		P	17.3
8	☐			355.57		P	15.9
9	☐			80.00		P	22.1

150 Nd [He] No available calibration points

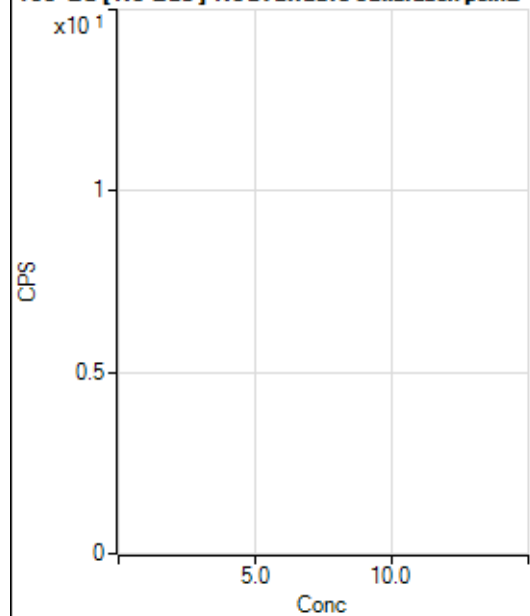
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			0.00		P	
4	☐			0.00		P	
5	☐			1.11		P	173.2
6	☐			0.00		P	
7	☐			10.00		P	33.3
8	☐			12.22		P	63.0
9	☐			10.00		P	66.7

156 Dy [No Gas] No available calibration points

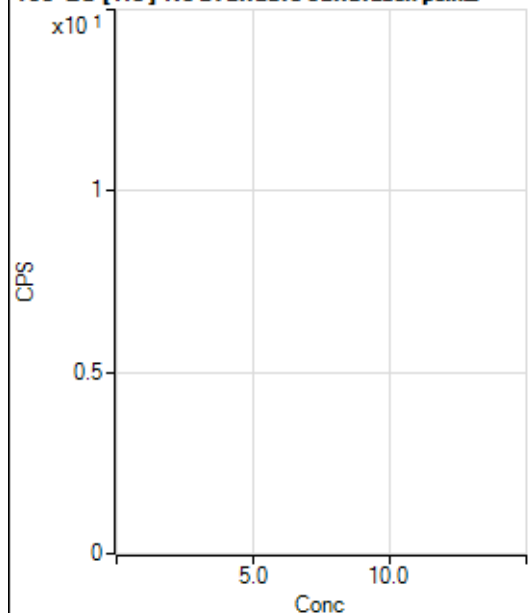
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.55		P	86.6
2	☐						
3	☐			8.33		P	173.2
4	☐			13.89		P	124.9
5	☐			19.45		P	24.7
6	☐			38.89		P	44.6
7	☐			75.00		P	29.4
8	☐			113.89		P	29.6
9	☐			94.45		P	13.5

156 Dy [He] No available calibration points

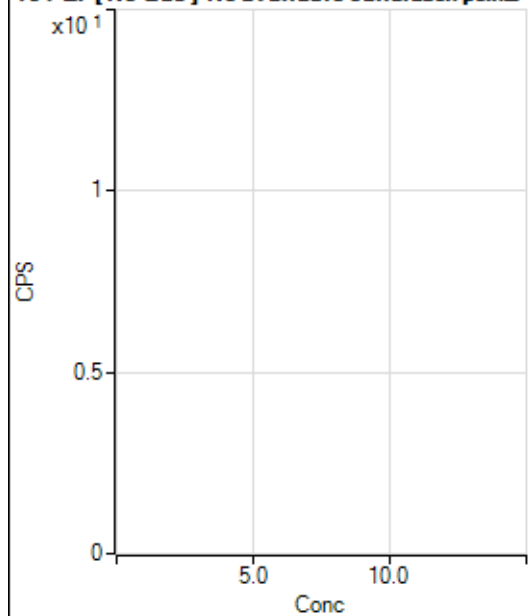
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			0.00		P	
4	☐			2.22		P	173.2
5	☐			2.22		P	86.6
6	☐			2.22		P	173.2
7	☐			10.00		P	33.3
8	☐			4.44		P	43.4
9	☐			20.00		P	50.0

160 Gd [No Gas] Noavailable calibration poin_

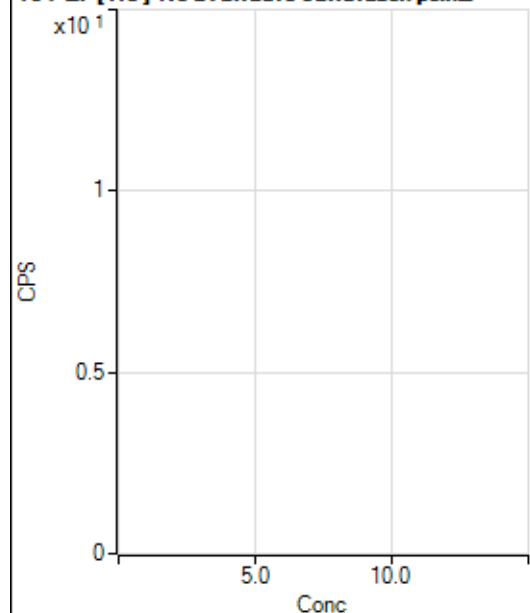
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			33.33		P	66.2
2	☐						
3	☐			52.78		P	24.1
4	☐			33.33		P	43.3
5	☐			41.67		P	20.0
6	☐			55.56		P	48.2
7	☐			77.78		P	34.4
8	☐			66.67		P	33.1
9	☐			116.67		P	21.4

160 Gd [He] No available calibration points

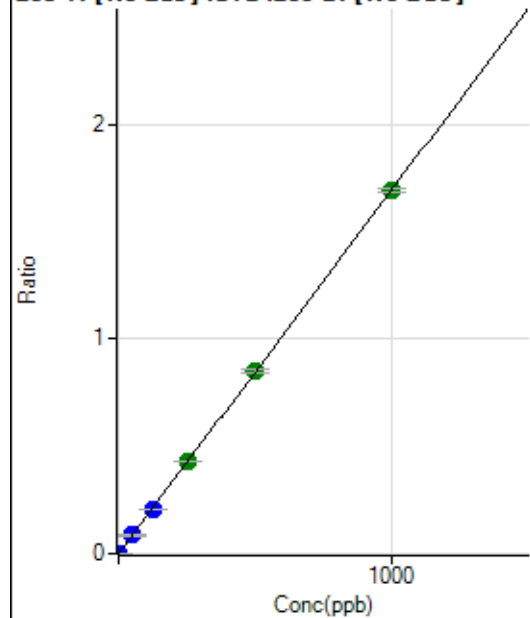
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	114.6
2	☐						
3	☐			4.45		P	86.6
4	☐			5.55		P	69.3
5	☐			11.11		P	62.5
6	☐			7.78		P	49.5
7	☐			6.67		P	86.6
8	☐			23.33		P	37.8
9	☐			31.11		P	22.3

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22.22		P	86.6
2	☐						
3	☐			33.33		P	50.0
4	☐			36.11		P	58.1
5	☐			25.00		P	33.3
6	☐			41.67		P	34.7
7	☐			47.22		P	62.0
8	☐			38.89		P	75.3
9	☐			41.67		P	20.0

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	43.4
2	☐						
3	☐			6.67		P	50.0
4	☐			5.56		P	91.6
5	☐			2.22		P	86.6
6	☐			4.44		P	43.4
7	☐			5.56		P	34.7
8	☐			8.89		P	78.1
9	☐			2.22		P	173.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	211.12	0.0000	P	5.1
2	☐	0.100					
3	☐	1.000	0.902	7307.99	0.0016	P	3.4
4	☐	50.000	50.473	387314.50	0.0855	P	5.0
5	☐	125.000	123.513	993738.25	0.2092	P	1.2
6	☐	250.000	253.325	2009970.01	0.4290	A	1.0
7	☐	500.000	502.301	4012000.44	0.8506	A	2.2
8	☐	1000.000	998.181	7874570.14	1.6903	A	0.9
9	☐			4161.99	0.0010	P	13.2

$$y = 0.0017 * x + 4.5044E-005$$

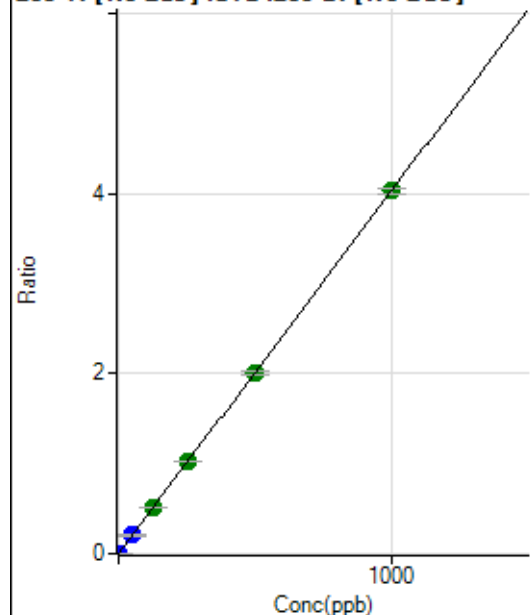
$$R = 1.0000$$

$$DL = 0.004047$$

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	358.36	0.0001	P	24.2
2	☐	0.100					
3	☐	1.000	0.929	17763.16	0.0038	P	0.6
4	☐	50.000	51.184	934542.25	0.2064	P	5.5
5	☐	125.000	125.842	2409623.38	0.5072	A	1.1
6	☐	250.000	253.546	4787833.66	1.0219	A	1.2
7	☐	500.000	498.014	9467501.60	2.0072	A	2.0
8	☐	1000.000	999.942	18773256.15	4.0300	A	1.9
9	☐			10251.85	0.0025	P	9.1

$$y = 0.0040 * x + 7.6448E-005$$

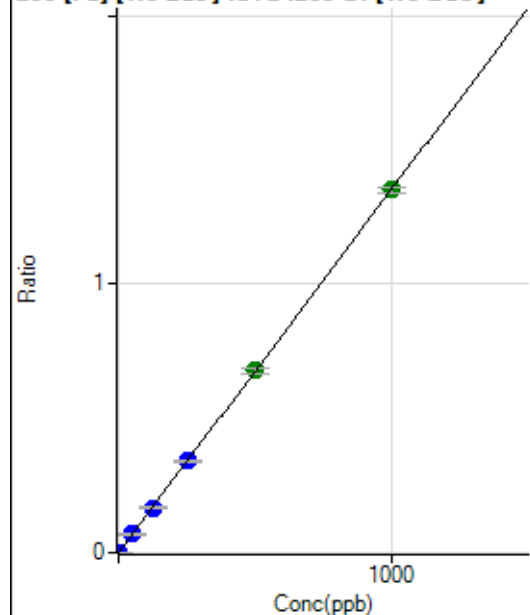
$$R = 1.0000$$

$$DL = 0.01377$$

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	288.90	0.0001	P	19.8
2	☐	0.100					
3	☐	1.000	0.927	6120.18	0.0013	P	3.9
4	☐	50.000	51.389	315375.48	0.0696	P	4.7
5	☐	125.000	123.818	796429.60	0.1677	P	1.9
6	☐	250.000	251.721	1596723.08	0.3408	P	0.4
7	☐	500.000	501.369	3200851.75	0.6787	A	3.1
8	☐	1000.000	998.963	6299436.25	1.3523	A	1.7
9	☐			6648.25	0.0016	P	3.0

$$y = 0.0014 * x + 6.1579E-005$$

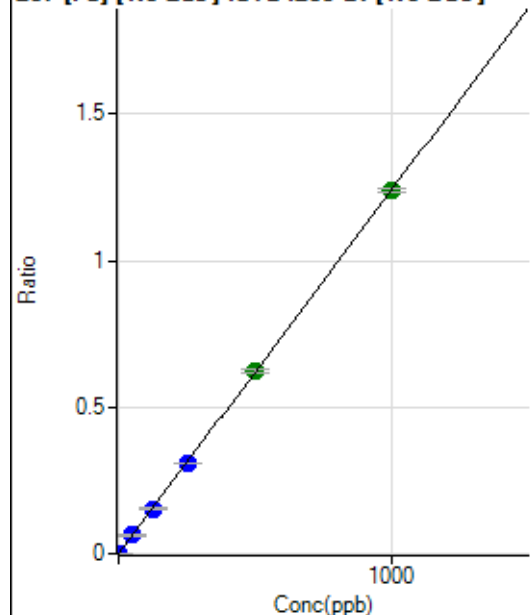
$$R = 1.0000$$

$$DL = 0.02707$$

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	255.57	0.0001	P	39.3
2	☐	0.100					
3	☐	1.000	0.913	5518.05	0.0012	P	3.6
4	☐	50.000	50.422	283556.37	0.0626	P	5.2
5	☐	125.000	123.404	727450.84	0.1531	P	2.3
6	☐	250.000	250.603	1456895.52	0.3109	P	0.4
7	☐	500.000	504.057	2949769.28	0.6254	A	2.1
8	☐	1000.000	997.999	5768193.30	1.2381	A	0.9
9	☐			5714.42	0.0014	P	5.5

$$y = 0.0012 * x + 5.4601E-005$$

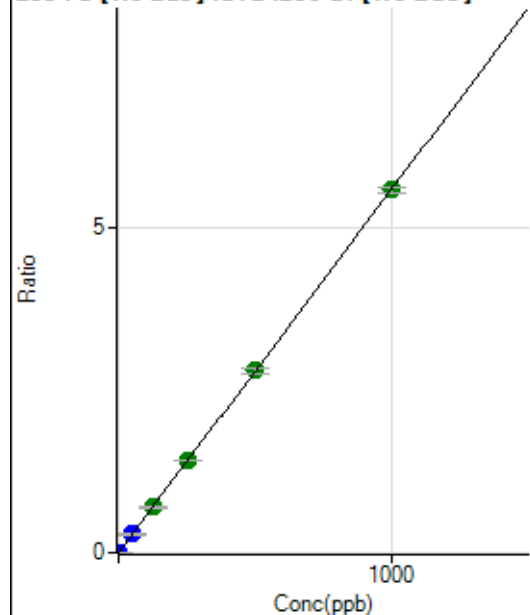
$$R = 1.0000$$

$$DL = 0.05183$$

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	1153.76	0.0002	P	7.5
2	☐	0.100					
3	☐	1.000	0.916	24904.77	0.0054	P	1.4
4	☐	50.000	50.577	1279492.58	0.2825	P	5.1
5	☐	125.000	125.045	3316029.37	0.6981	A	1.7
6	☐	250.000	253.790	6636998.63	1.4166	A	0.6
7	☐	500.000	500.374	13171816.38	2.7926	A	2.3
8	☐	1000.000	998.831	25968466.67	5.5743	A	1.3
9	☐			26292.93	0.0063	P	3.3

$$y = 0.0056 * x + 2.4619E-004$$

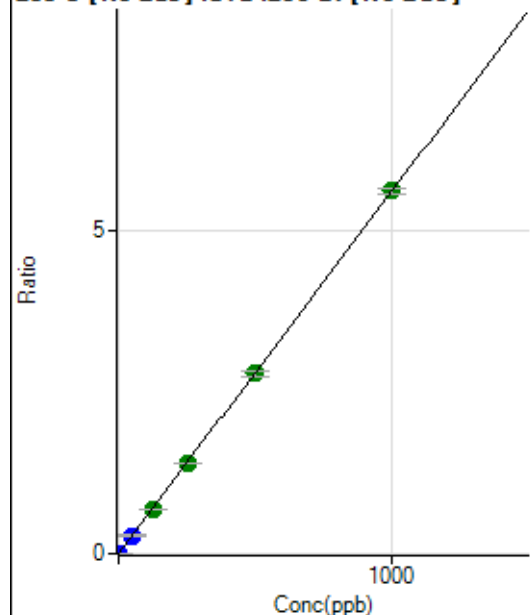
$$R = 1.0000$$

$$DL = 0.009881$$

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	55.56	0.0000	P	52.3
2	☐	0.100					
3	☐	1.000	0.883	23088.99	0.0050	P	2.9
4	☐	50.000	49.299	1253115.21	0.2766	P	4.9
5	☐	125.000	123.017	3279140.12	0.6903	A	1.5
6	☐	250.000	248.530	6534246.11	1.3946	A	0.4
7	☐	500.000	496.855	13148956.02	2.7880	A	2.8
8	☐	1000.000	1002.223	26198701.80	5.6238	A	1.4
9	☐			5384.76	0.0013	P	7.6

$$y = 0.0056 * x + 1.1842E-005$$

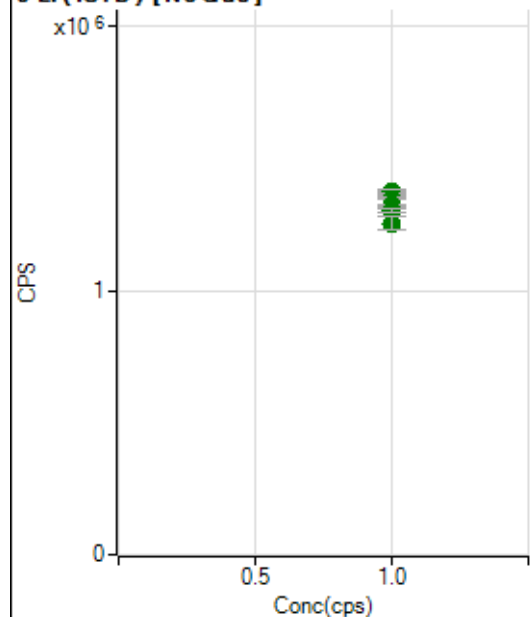
$$R = 1.0000$$

$$DL = 0.003314$$

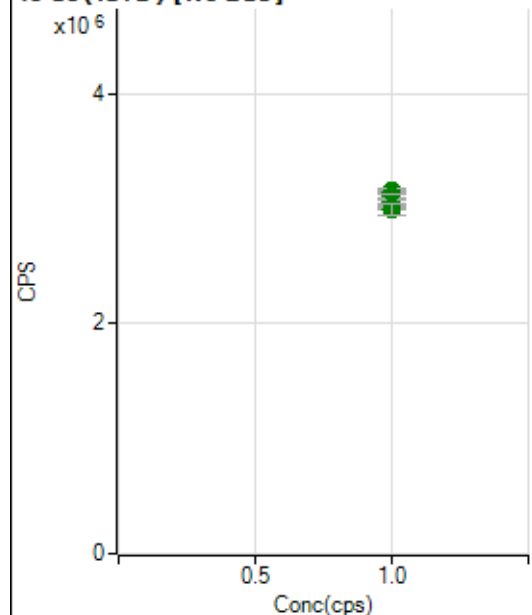
Weight: <None>

Min Conc: 0

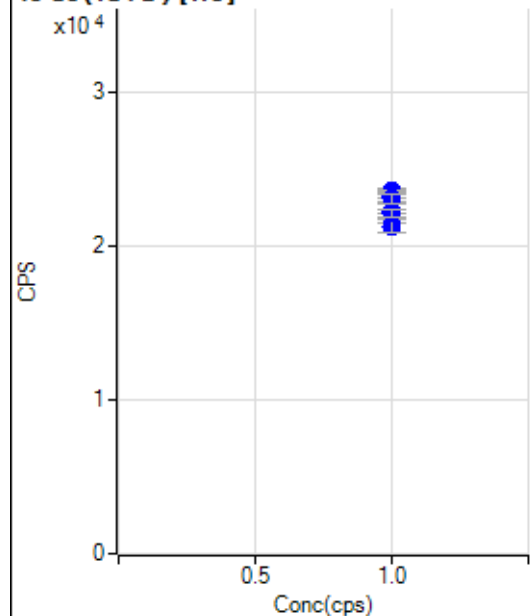
6 Li (ISTD) [No Gas]



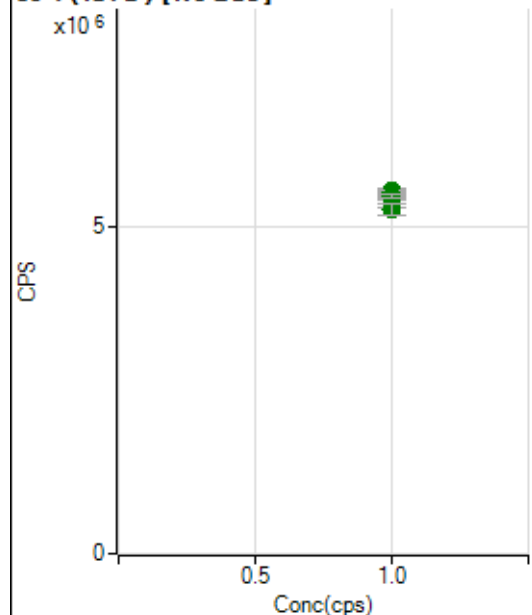
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		1367625.64		A	0.6
2	☐	1.000					
3	☐	1.000		1372250.62		A	0.7
4	☐	1.000		1346931.78		A	4.1
5	☐	1.000		1374595.09		A	1.2
6	☐	1.000		1351078.56		A	0.9
7	☐	1.000		1322811.02		A	0.8
8	☐	1.000		1303674.82		A	1.0
9	☐	1.000		1255134.20		A	4.3

45 Sc (ISTD) [No Gas]

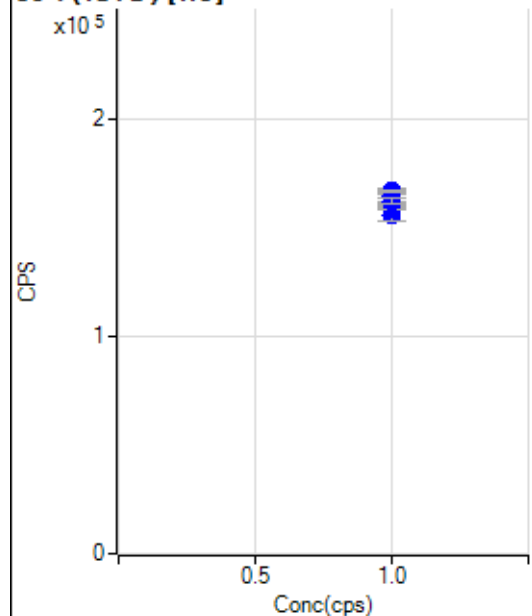
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3151908.73		A	0.2
2	☐	1.000					
3	☐	1.000		3145682.39		A	1.8
4	☐	1.000		3061630.06		A	4.1
5	☐	1.000		3106372.27		A	1.0
6	☐	1.000		3031126.41		A	0.8
7	☐	1.000		3045447.70		A	1.9
8	☐	1.000		3000654.17		A	1.0
9	☐	1.000		2989875.46		A	3.1

45 Sc (ISTD) [He]

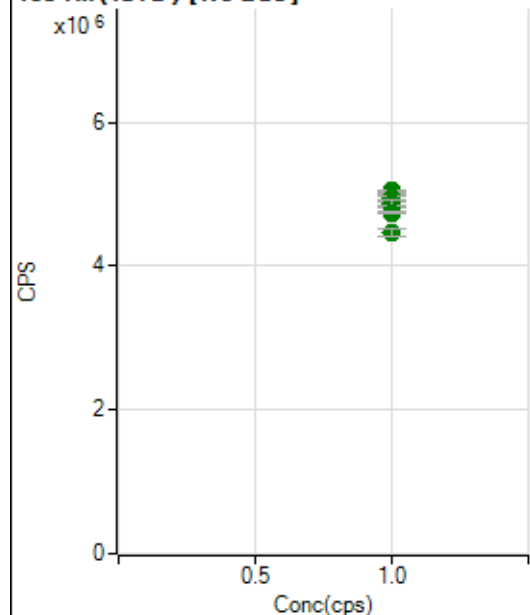
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		23443.10		P	2.0
2	☐	1.000					
3	☐	1.000		23339.63		P	4.2
4	☐	1.000		23613.34		P	0.2
5	☐	1.000		21740.35		P	1.9
6	☐	1.000		22292.38		P	1.0
7	☐	1.000		21334.26		P	4.2
8	☐	1.000		22177.68		P	2.1
9	☐	1.000		23108.14		P	2.9

89 Y (ISTD) [No Gas]

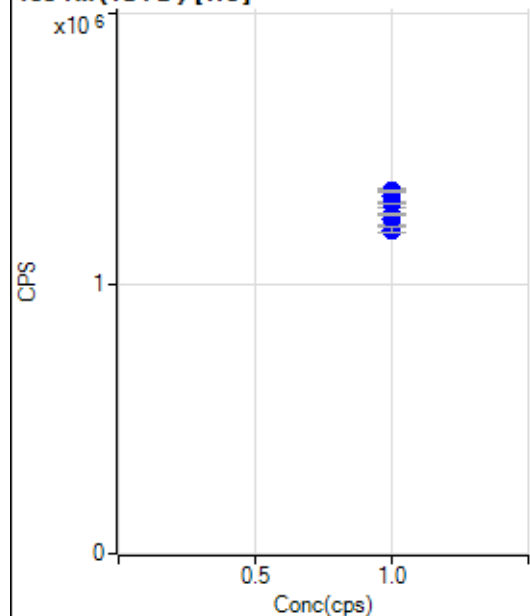
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5532515.27		A	1.3
2	☐	1.000					
3	☐	1.000		5563005.89		A	0.9
4	☐	1.000		5410928.46		A	4.1
5	☐	1.000		5539904.85		A	1.4
6	☐	1.000		5454867.00		A	0.7
7	☐	1.000		5509573.81		A	1.9
8	☐	1.000		5478493.95		A	0.9
9	☐	1.000		5282674.50		A	3.3

89 Y (ISTD) [He]

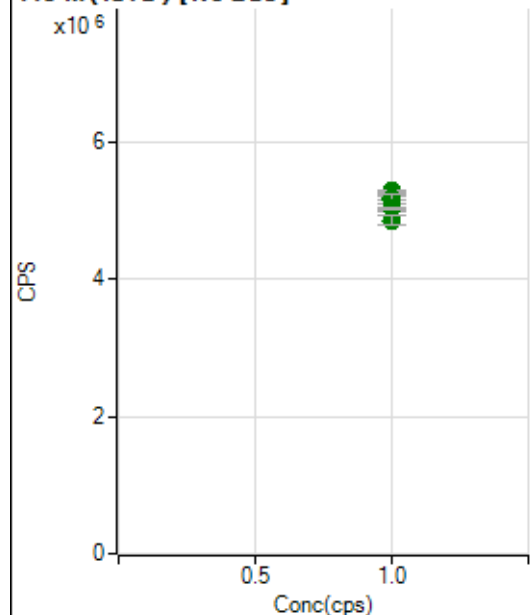
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		166980.05		P	1.7
2	☐	1.000					
3	☐	1.000		164484.92		P	2.8
4	☐	1.000		167094.60		P	0.7
5	☐	1.000		160755.57		P	2.0
6	☐	1.000		160753.46		P	0.9
7	☐	1.000		155957.35		P	3.6
8	☐	1.000		158732.27		P	0.3
9	☐	1.000		162420.92		P	1.9

103 Rh (ISTD) [No Gas]

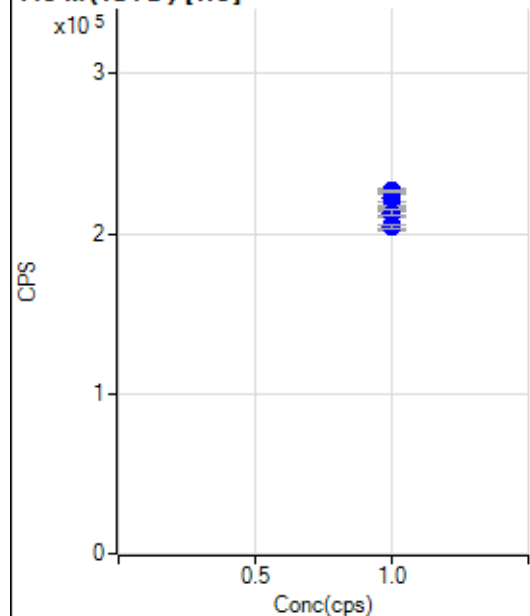
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5013538.13		A	0.5
2	☐	1.000					
3	☐	1.000		5044425.89		A	0.9
4	☐	1.000		4854806.36		A	4.9
5	☐	1.000		4950406.71		A	1.4
6	☐	1.000		4856941.38		A	1.5
7	☐	1.000		4875889.69		A	1.9
8	☐	1.000		4741898.46		A	0.7
9	☐	1.000		4462056.35		A	2.2

103 Rh (ISTD) [He]

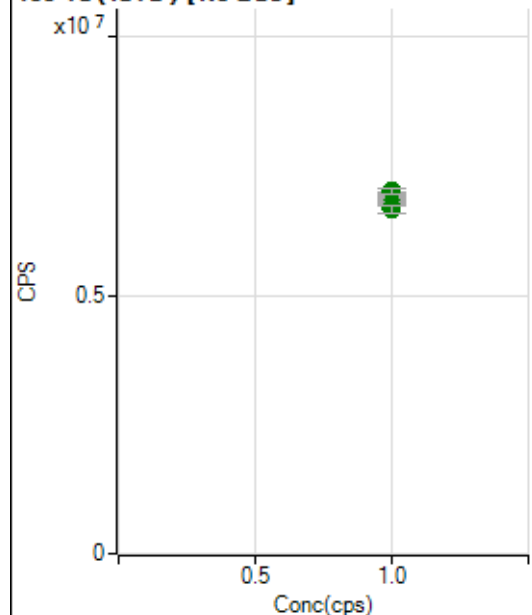
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1342958.60		P	1.0
2	☐	1.000					
3	☐	1.000		1323654.52		P	3.1
4	☐	1.000		1342735.10		P	0.7
5	☐	1.000		1292134.17		P	2.1
6	☐	1.000		1294297.78		P	0.3
7	☐	1.000		1239049.61		P	3.4
8	☐	1.000		1256164.03		P	0.4
9	☐	1.000		1199357.12		P	1.3

115 In (ISTD) [No Gas]

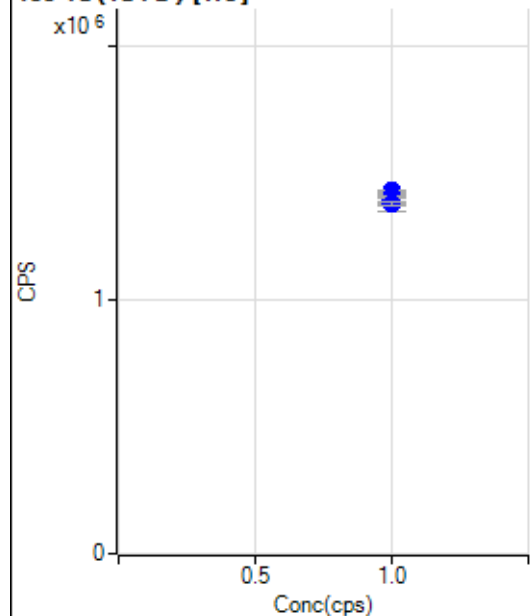
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5288402.23		A	0.4
2	☐	1.000					
3	☐	1.000		5264230.17		A	1.9
4	☐	1.000		5108600.09		A	4.0
5	☐	1.000		5294905.31		A	0.8
6	☐	1.000		5183677.79		A	1.0
7	☐	1.000		5175660.43		A	2.3
8	☐	1.000		5038895.16		A	0.6
9	☐	1.000		4867271.60		A	2.8

115 In (ISTD) [He]

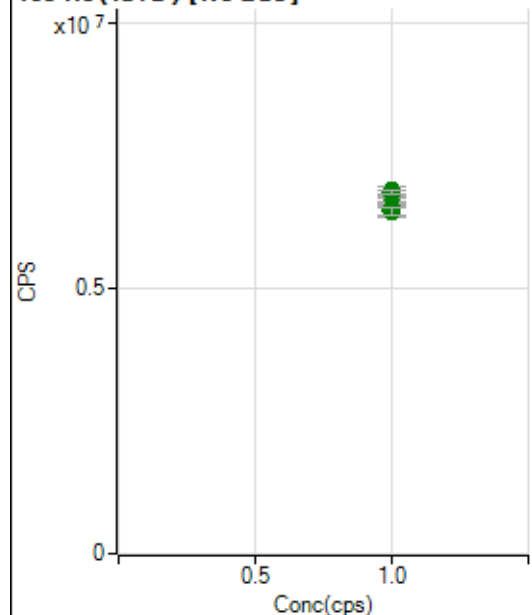
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		226513.90		P	1.4
2	☐	1.000					
3	☐	1.000		222523.11		P	2.9
4	☐	1.000		226661.77		P	0.9
5	☐	1.000		217281.28		P	2.7
6	☐	1.000		217284.52		P	0.5
7	☐	1.000		205485.17		P	4.1
8	☐	1.000		204204.67		P	0.9
9	☐	1.000		212756.95		P	1.7

159 Tb (ISTD) [No Gas]

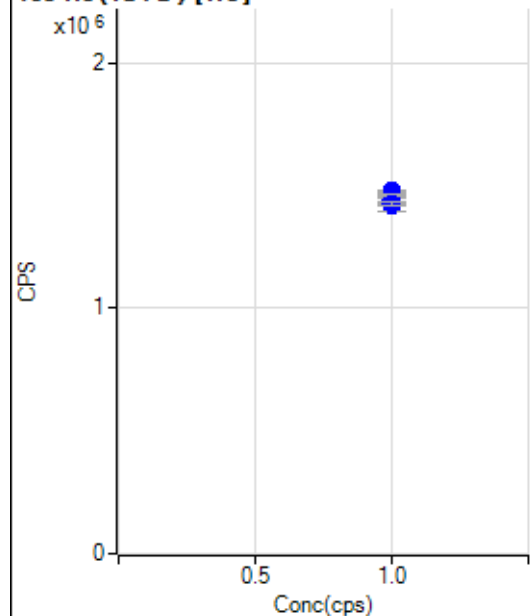
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6859455.46		A	0.4
2	☐	1.000					
3	☐	1.000		6823706.08		A	0.9
4	☐	1.000		6695896.92		A	3.7
5	☐	1.000		6944399.55		A	1.3
6	☐	1.000		6917659.41		A	0.6
7	☐	1.000		7015113.78		A	2.1
8	☐	1.000		7023572.53		A	1.5
9	☐	1.000		6662243.86		A	2.2

159 Tb (ISTD) [He]

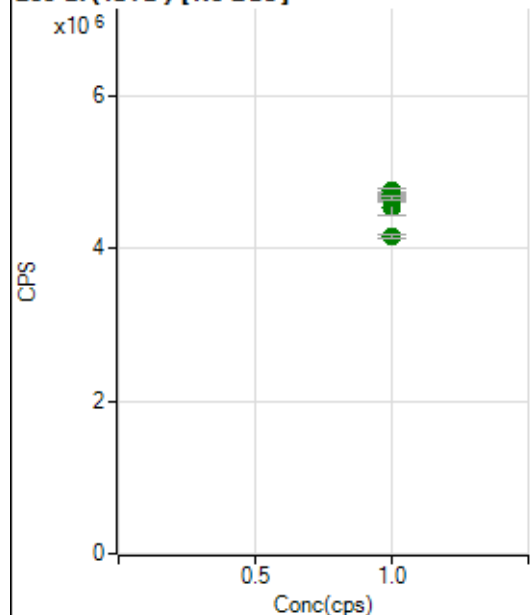
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1407785.41		P	1.3
2	☐	1.000					
3	☐	1.000		1392545.82		P	3.3
4	☐	1.000		1427067.67		P	0.8
5	☐	1.000		1391080.07		P	2.0
6	☐	1.000		1407515.91		P	0.6
7	☐	1.000		1374795.22		P	3.7
8	☐	1.000		1406532.69		P	0.5
9	☐	1.000		1375106.63		P	1.1

165 Ho (ISTD) [No Gas]

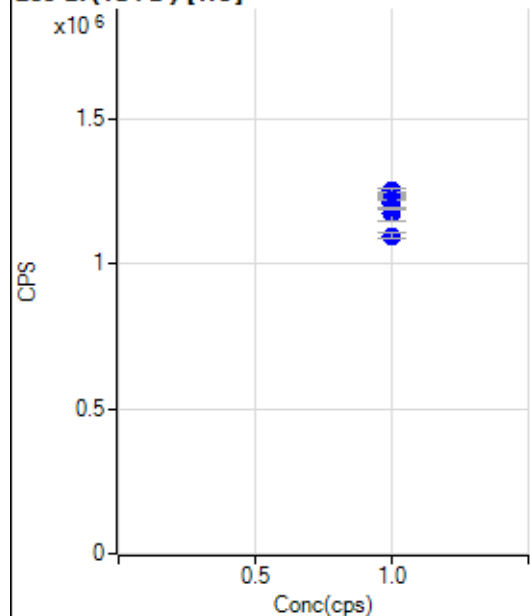
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6599027.71		A	0.4
2	☐	1.000					
3	☐	1.000		6576273.97		A	0.9
4	☐	1.000		6469978.27		A	4.5
5	☐	1.000		6742040.34		A	1.1
6	☐	1.000		6717291.64		A	0.8
7	☐	1.000		6831480.71		A	2.0
8	☐	1.000		6797033.40		A	1.3
9	☐	1.000		6440763.03		A	1.9

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1457941.35		P	1.6
2	☐	1.000					
3	☐	1.000		1438895.86		P	3.3
4	☐	1.000		1477811.84		P	0.9
5	☐	1.000		1441282.27		P	2.5
6	☐	1.000		1463918.62		P	0.4
7	☐	1.000		1421515.64		P	3.8
8	☐	1.000		1458161.92		P	0.6
9	☐	1.000		1425841.05		P	1.6

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4687913.85		A	0.6
2	☐	1.000					
3	☐	1.000		4648318.44		A	1.2
4	☐	1.000		4536594.86		A	4.7
5	☐	1.000		4750753.54		A	1.0
6	☐	1.000		4685426.60		A	0.7
7	☐	1.000		4718429.20		A	2.5
8	☐	1.000		4659119.06		A	1.3
9	☐	1.000		4158322.37		A	1.6

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1239607.14		P	1.2
2	☐	1.000					
3	☐	1.000		1216132.30		P	3.4
4	☐	1.000		1250494.33		P	1.0
5	☐	1.000		1209275.48		P	2.3
6	☐	1.000		1218506.44		P	0.0
7	☐	1.000		1171019.61		P	4.3
8	☐	1.000		1190671.50		P	0.8
9	☐	1.000		1095885.74		P	1.4

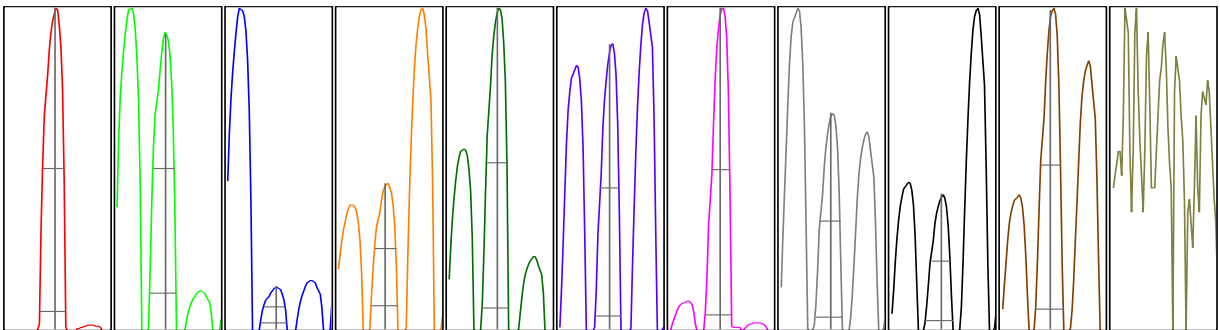
US EPA Tune Check Sample Report

Batch Folder D:\P8100618-MS.b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	6644	0.98	5.00	
24	55211	0.83	5.00	
25	7655	0.76	5.00	
26	9091	0.70	5.00	
59	58064	0.87	5.00	
113	8395	0.71	5.00	
115	103911	0.90	5.00	
206	26788	0.65	5.00	
207	24545	0.92	5.00	
208	58207	0.88	5.00	
220	1	15.49		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	6585	6732	6694	6597	6610
24	54826	55896	55404	54797	55134
25	7634	7738	7691	7598	7616
26	9028	9189	9118	9066	9054
59	57458	58597	58387	57597	58281
113	8316	8476	8404	8363	8416
115	102520	104812	104651	103525	104045
206	26589	26944	26855	26612	26941
207	24221	24693	24770	24409	24631
208	57854	58726	58408	57503	58542
220	1	1	1	1	1

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	11730	8.95	8.9 - 9.1		0.738	0.900	
24	96321	23.95	23.9 - 24.1		0.753	0.900	
25	12890	24.95	24.9 - 25.1		0.746	0.900	
26	15054	25.90	25.9 - 26.1		0.746	0.900	
59	104429	58.95	58.9 - 59.1		0.750	0.900	
113	16044	113.00	112.9 - 113.1		0.729	0.900	
115	198633	115.00	114.9 - 115.1		0.750	0.900	
206	49504	206.00	205.9 - 206.1		0.772	0.900	
207	45212	207.00	206.9 - 207.1		0.777	0.900	
208	106780	207.95	207.9 - 208.1		0.790	0.900	
220			-				

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

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	9.9	V	Deflect	14.6	V
Extract 2	-225.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-95	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	160	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	7166	1.87	
89	1996	1.84	
205	11930	1.66	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	7199	7222	6945	7164	7301
89	2029	2008	1936	1990	2019
205	12057	12000	11585	11948	12060

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	9.9	V	Deflect	2.2	V
Extract 2	-225.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-95	V	Cell Exit	-60	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	Yes		OctP Bias	-18.0	V	Energy Discrimination		5.0 V
He Flow	5.0	mL/min	OctP RF	190	V			

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 15:07:42	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.99	-0.83	-0.16	0.00	N/A	ppb
Antimony	121-1	0.00	-0.01	0.01	0.00	N/A	ppb
Arsenic	75-2	0.02	-0.04	0.02	0.00	N/A	ppb
Barium	135-1	0.00	-0.01	0.01	0.00	N/A	ppb
Barium	137-1	0.00	0.01	-0.01	0.00	N/A	ppb
Beryllium	9-1	0.01	-0.02	0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.04	0.18	-0.14	0.00	N/A	ppb
Boron	11-1	-0.18	0.23	-0.06	0.00	N/A	ppb
Cadmium	111-1	0.03	-0.03	0.01	0.00	N/A	ppb
Cadmium	106-1	0.34	-0.37	0.03	0.00	N/A	ppb
Cadmium	108-1	-0.02	0.07	-0.05	0.00	N/A	ppb
Calcium	43-1	-1.01	-0.62	1.63	0.00	N/A	ppb
Calcium	44-1	0.20	-0.42	0.22	0.00	N/A	ppb
Chromium	52-2	-0.04	-0.01	0.05	0.00	N/A	ppb
Cobalt	59-2	0.01	0.00	-0.01	0.00	N/A	ppb
Copper	63-2	-0.02	0.03	-0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	0.16	0.00	-0.16	0.00	N/A	ppb
Iron	57-2	-0.01	0.03	-0.02	0.00	N/A	ppb
Krypton	83-1	-304.76	-257.36	562.12	0.00	N/A	ppb
Lead	206-1	-0.01	0.01	0.00	0.00	N/A	ppb
Lead	207-1	0.02	-0.01	-0.01	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.17	-0.81	0.64	0.00	N/A	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 15:07:42	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.03	0.02	0.01	0.00	N/A	ppb
Molybdenum	94-1	0.00	-0.01	0.01	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.01	-0.01	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.01	-0.01	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.01	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.06	0.00	0.06	0.00	N/A	ppb
Phosphorus	31-2	6.57	-13.20	6.29	-0.11		ppb
Potassium	39-2	-1.79	-0.86	2.65	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	-0.27	0.54	-0.27	0.00	N/A	ppb
Selenium	82-1	0.09	-0.50	0.41	0.00	N/A	ppb
Silicon	28-1	0.41	-0.27	-0.14	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	3.68	1.51	-5.19	0.00	N/A	ppb
Strontium	86-1	-0.02	0.01	0.01	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	21.23	-26.46	61.48	18.75	234.77	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	-0.01	0.00	N/A	ppb
Tin	118-1	0.01	0.00	-0.01	0.00	N/A	ppb
Titanium	47-1	0.03	0.00	-0.03	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	-0.01	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.08	0.03	0.05	0.00	N/A	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 15:07:42	DataFile Name :	003CALB.d

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

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 15:15:08	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.59	16.86	20.81	18.75	10.56	ppb
Antimony	121-1	1.83	1.88	1.85	1.85	1.35	ppb
Arsenic	75-2	0.75	0.72	1.08	0.85	23.76	ppb
Barium	135-1	9.84	9.39	9.56	9.59	2.37	ppb
Barium	137-1	9.33	9.49	9.42	9.42	0.83	ppb
Beryllium	9-1	0.84	0.87	0.92	0.87	4.51	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Boron	10-1	21.37	22.43	20.22	21.34	5.17	ppb
Boron	11-1	21.76	21.42	22.70	21.96	3.03	ppb
Cadmium	111-1	0.95	0.98	0.85	0.92	7.45	ppb
Cadmium	106-1	1.32	0.71	0.28	0.77	67.78	ppb
Cadmium	108-1	1.02	0.86	0.85	0.91	10.31	ppb
Calcium	43-1	456.83	463.15	402.03	440.67	7.63	ppb
Calcium	44-1	444.53	443.72	431.50	439.92	1.66	ppb
Chromium	52-2	2.00	2.10	2.20	2.10	4.68	ppb
Cobalt	59-2	0.87	0.98	1.08	0.98	10.73	ppb
Copper	63-2	1.94	1.87	1.95	1.92	2.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				99		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	46.73	47.87	52.21	48.94	5.91	ppb
Iron	57-2	46.83	52.90	43.98	47.91	9.51	ppb
Krypton	83-1	882.54	510.16	751.16	714.62	26.43	ppb
Lead	206-1	0.89	0.96	0.93	0.93	4.12	ppb
Lead	207-1	0.95	0.90	0.89	0.91	3.77	ppb
Lead	208-1	0.93	0.92	0.90	0.92	1.51	ppb
Lithium	6-1				100		%
Magnesium	24-2	454.41	467.77	507.20	476.46	5.76	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 15:15:08	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.14	0.98	1.23	1.12	11.46	ppb
Molybdenum	94-1	4.43	4.75	4.61	4.60	3.48	ppb
Molybdenum	95-1	4.60	4.59	4.34	4.51	3.26	ppb
Molybdenum	96-1	4.63	4.43	4.47	4.51	2.33	ppb
Molybdenum	97-1	4.77	4.60	4.20	4.53	6.51	ppb
Molybdenum	98-1	4.54	4.42	4.52	4.49	1.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.93	1.15	1.11	1.06	11.06	ppb
Phosphorus	31-2	-13.20	26.73	-13.20	0.11	20430.29	ppb
Potassium	39-2	460.27	452.32	537.63	483.41	9.75	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	18.82	0.00	4.95	7.92	123.15	ppb
Selenium	78-2	2.83	3.61	4.65	3.70	24.78	ppb
Selenium	82-1	5.42	5.22	4.83	5.16	5.85	ppb
Silicon	28-1	16.57	15.96	13.68	15.40	9.90	ppb
Silver	109-1	1.01	1.02	0.96	1.00	2.95	ppb
Silver	107-1	1.00	0.99	1.02	1.01	1.51	ppb
Sodium	23-2	432.83	465.74	518.10	472.22	9.11	ppb
Strontium	86-1	0.92	0.92	0.95	0.93	1.62	ppb
Strontium	88-1	0.93	0.96	0.93	0.94	1.84	ppb
Sulfur	34-1	72.22	110.46	-238.94	-18.75		ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	0.88	0.94	0.89	0.90	3.55	ppb
Thallium	205-1	0.92	0.93	0.93	0.93	0.65	ppb
Tin	118-1	4.81	4.80	4.64	4.75	2.09	ppb
Titanium	47-1	4.63	5.02	4.32	4.66	7.59	ppb
Uranium	238-1	0.88	0.91	0.86	0.88	2.90	ppb
Vanadium	51-2	4.60	4.72	5.26	4.86	7.19	ppb
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	1.92	2.30	2.38	2.20	11.18	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 15:15:08	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.84	0.84	0.81	0.83	1.95	ppb
Zirconium	91-1	0.83	0.82	0.78	0.81	3.32	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 15:18:56	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	967.33	999.17	975.60	980.70	1.69	ppb
Antimony	121-1	50.29	51.10	54.64	52.01	4.45	ppb
Arsenic	75-2	51.11	50.07	53.02	51.40	2.92	ppb
Barium	135-1	259.31	262.18	275.21	265.57	3.19	ppb
Barium	137-1	257.51	261.32	276.18	265.00	3.72	ppb
Beryllium	9-1	49.63	51.87	55.38	52.29	5.55	ppb
Bismuth	209-1				97		%
Bismuth	209-2				101		%
Boron	10-1	49.48	51.55	56.07	52.37	6.43	ppb
Boron	11-1	49.52	50.75	54.40	51.56	4.92	ppb
Cadmium	111-1	52.35	53.11	56.51	53.99	4.10	ppb
Cadmium	106-1	51.96	55.50	57.34	54.94	4.98	ppb
Cadmium	108-1	55.84	53.32	58.43	55.86	4.57	ppb
Calcium	43-1	4897.91	4886.83	5286.82	5023.85	4.53	ppb
Calcium	44-1	4908.03	4978.84	5301.61	5062.83	4.14	ppb
Chromium	52-2	50.36	50.25	50.12	50.24	0.24	ppb
Cobalt	59-2	50.16	50.35	50.60	50.37	0.43	ppb
Copper	63-2	102.04	102.23	102.54	102.27	0.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				101		%
Indium	115-1				97		%
Indium	115-2				100		%
Iron	56-2	2580.19	2573.54	2606.04	2586.59	0.66	ppb
Iron	57-2	2477.52	2512.31	2484.39	2491.40	0.74	ppb
Krypton	83-1	645.53	368.30	-445.32	189.50	299.20	ppb
Lead	206-1	49.59	50.42	54.15	51.39	4.72	ppb
Lead	207-1	48.67	49.17	53.43	50.42	5.19	ppb
Lead	208-1	48.72	49.47	53.55	50.58	5.14	ppb
Lithium	6-1				98		%
Magnesium	24-2	5139.01	5168.64	5167.63	5158.43	0.33	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 15:18:56	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	100.18	98.31	99.32	99.27	0.94	ppb
Molybdenum	94-1	246.47	255.97	272.05	258.16	5.01	ppb
Molybdenum	95-1	244.59	254.67	267.72	255.66	4.54	ppb
Molybdenum	96-1	245.02	254.64	269.67	256.44	4.84	ppb
Molybdenum	97-1	245.65	250.86	269.65	255.39	4.94	ppb
Molybdenum	98-1	248.06	253.83	271.35	257.75	4.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.38	50.42	52.34	51.38	1.86	ppb
Phosphorus	31-2	851.99	1031.16	895.56	926.24	10.09	ppb
Potassium	39-2	2470.10	2491.17	2415.60	2458.96	1.59	ppb
Rhodium	103-1				97		%
Rhodium	103-2				100		%
Scandium	45-1				97		%
Scandium	45-2				101		%
Selenium	77-2	70.67	70.25	38.00	59.64	31.43	ppb
Selenium	78-2	51.58	47.43	66.83	55.28	18.48	ppb
Selenium	82-1	51.19	54.49	55.09	53.59	3.92	ppb
Silicon	28-1	61.61	63.69	70.85	65.38	7.42	ppb
Silver	109-1	53.36	53.72	57.28	54.79	3.95	ppb
Silver	107-1	53.40	54.01	56.91	54.78	3.42	ppb
Sodium	23-2	5000.47	5011.24	5044.89	5018.87	0.46	ppb
Strontium	86-1	50.35	50.94	52.65	51.31	2.33	ppb
Strontium	88-1	50.37	52.22	54.72	52.44	4.17	ppb
Sulfur	34-1	1200.16	1458.16	2212.99	1623.77	32.41	ppb
Terbium	159-1				98		%
Terbium	159-2				101		%
Thallium	203-1	48.93	49.08	53.41	50.47	5.04	ppb
Thallium	205-1	49.53	49.56	54.46	51.18	5.55	ppb
Tin	118-1	51.13	51.53	55.10	52.59	4.15	ppb
Titanium	47-1	248.90	256.38	272.29	259.19	4.61	ppb
Uranium	238-1	47.22	48.71	51.97	49.30	4.93	ppb
Vanadium	51-2	48.89	49.52	49.00	49.14	0.68	ppb
Yttrium	89-1				98		%
Yttrium	89-2				100		%
Zinc	66-2	97.76	101.22	101.53	100.17	2.09	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 15:18:56	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	49.58	50.87	54.31	51.59	4.74	ppb
Zirconium	91-1	49.15	50.38	53.14	50.89	4.01	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 15:22:43	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2581.49	2617.83	2643.24	2614.19	1.19	ppb
Antimony	121-1	126.82	125.36	130.37	127.52	2.02	ppb
Arsenic	75-2	125.38	129.80	127.30	127.49	1.74	ppb
Barium	135-1	641.11	635.12	651.61	642.62	1.30	ppb
Barium	137-1	641.50	646.46	654.65	647.54	1.03	ppb
Beryllium	9-1	125.29	123.85	127.32	125.49	1.39	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Boron	10-1	120.73	120.78	133.29	124.94	5.79	ppb
Boron	11-1	120.41	124.88	125.33	123.54	2.20	ppb
Cadmium	111-1	128.76	128.75	131.92	129.81	1.41	ppb
Cadmium	106-1	127.69	133.09	132.13	130.97	2.20	ppb
Cadmium	108-1	133.38	125.53	131.69	130.20	3.17	ppb
Calcium	43-1	12284.83	12062.94	12302.00	12216.59	1.09	ppb
Calcium	44-1	12206.27	11973.83	12146.74	12108.95	1.00	ppb
Chromium	52-2	130.72	137.33	133.60	133.88	2.48	ppb
Cobalt	59-2	132.37	136.60	133.38	134.12	1.65	ppb
Copper	63-2	267.51	275.83	268.00	270.45	1.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				99		%
Indium	115-1				100		%
Indium	115-2				96		%
Iron	56-2	6678.25	6960.35	6798.59	6812.40	2.08	ppb
Iron	57-2	6671.00	6891.40	6812.68	6791.69	1.64	ppb
Krypton	83-1	427.89	862.66	685.39	658.65	33.19	ppb
Lead	206-1	124.14	121.36	125.95	123.82	1.87	ppb
Lead	207-1	122.89	120.89	126.43	123.40	2.27	ppb
Lead	208-1	125.17	122.82	127.14	125.05	1.73	ppb
Lithium	6-1				101		%
Magnesium	24-2	13215.03	13948.15	13620.02	13594.40	2.70	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 15:22:43	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	263.78	273.55	268.72	268.68	1.82	ppb
Molybdenum	94-1	636.47	634.98	653.59	641.68	1.61	ppb
Molybdenum	95-1	630.92	627.87	638.29	632.36	0.85	ppb
Molybdenum	96-1	633.34	628.37	647.75	636.49	1.58	ppb
Molybdenum	97-1	630.26	627.45	641.48	633.06	1.17	ppb
Molybdenum	98-1	629.13	635.29	643.98	636.13	1.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	136.07	141.01	135.14	137.41	2.30	ppb
Phosphorus	31-2	2150.76	2800.94	2277.61	2409.77	14.30	ppb
Potassium	39-2	6445.71	6726.88	6421.34	6531.31	2.60	ppb
Rhodium	103-1				99		%
Rhodium	103-2				96		%
Scandium	45-1				99		%
Scandium	45-2				93		%
Selenium	77-2	86.76	160.38	136.47	127.87	29.37	ppb
Selenium	78-2	135.92	134.78	126.23	132.31	4.00	ppb
Selenium	82-1	126.44	124.21	130.78	127.14	2.63	ppb
Silicon	28-1	152.93	150.77	154.30	152.67	1.17	ppb
Silver	109-1	130.63	130.15	133.34	131.37	1.31	ppb
Silver	107-1	129.93	131.00	133.07	131.33	1.22	ppb
Sodium	23-2	13083.75	13659.57	13297.30	13346.87	2.18	ppb
Strontium	86-1	124.32	123.86	128.00	125.39	1.81	ppb
Strontium	88-1	128.10	126.11	130.06	128.09	1.54	ppb
Sulfur	34-1	2629.12	2272.34	2542.70	2481.39	7.50	ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	123.86	121.86	124.82	123.51	1.22	ppb
Thallium	205-1	125.95	124.38	127.19	125.84	1.12	ppb
Tin	118-1	127.51	126.13	128.90	127.52	1.09	ppb
Titanium	47-1	631.06	622.71	636.16	629.98	1.08	ppb
Uranium	238-1	122.42	121.49	125.14	123.02	1.54	ppb
Vanadium	51-2	130.29	133.25	133.45	132.33	1.33	ppb
Yttrium	89-1				100		%
Yttrium	89-2				96		%
Zinc	66-2	261.71	273.99	268.45	268.05	2.29	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 15:22:43	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	125.80	126.84	129.13	127.26	1.34	ppb
Zirconium	91-1	123.25	122.48	126.45	124.06	1.70	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 15:26:22	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4917.29	4996.50	4832.91	4915.57	1.66	ppb
Antimony	121-1	255.88	258.71	260.00	258.19	0.82	ppb
Arsenic	75-2	252.56	254.58	247.73	251.62	1.40	ppb
Barium	135-1	1264.73	1300.02	1305.68	1290.15	1.72	ppb
Barium	137-1	1279.52	1298.26	1302.57	1293.45	0.95	ppb
Beryllium	9-1	247.13	252.09	247.01	248.74	1.17	ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Boron	10-1	243.75	247.56	252.75	248.02	1.82	ppb
Boron	11-1	238.16	249.62	248.78	245.52	2.60	ppb
Cadmium	111-1	256.97	257.56	256.99	257.17	0.13	ppb
Cadmium	106-1	261.91	257.63	257.01	258.85	1.03	ppb
Cadmium	108-1	259.01	258.19	263.64	260.28	1.13	ppb
Calcium	43-1	24343.20	24677.48	24951.19	24657.29	1.23	ppb
Calcium	44-1	24166.03	24517.70	24296.14	24326.62	0.73	ppb
Chromium	52-2	255.82	254.97	250.84	253.87	1.05	ppb
Cobalt	59-2	253.81	254.72	250.75	253.10	0.82	ppb
Copper	63-2	513.32	518.00	504.07	511.80	1.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				100		%
Indium	115-1				98		%
Indium	115-2				96		%
Iron	56-2	12792.69	13025.68	12675.51	12831.29	1.39	ppb
Iron	57-2	12894.22	13109.80	12638.05	12880.69	1.83	ppb
Krypton	83-1	798.99	982.42	448.60	743.33	36.49	ppb
Lead	206-1	251.28	252.94	250.94	251.72	0.43	ppb
Lead	207-1	251.04	251.29	249.48	250.60	0.39	ppb
Lead	208-1	253.60	255.37	252.40	253.79	0.59	ppb
Lithium	6-1				99		%
Magnesium	24-2	25711.86	25929.62	25233.66	25625.05	1.39	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 15:26:22	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	503.96	514.87	501.68	506.83	1.39	ppb
Molybdenum	94-1	1258.97	1271.02	1283.45	1271.15	0.96	ppb
Molybdenum	95-1	1255.33	1278.03	1276.64	1270.00	1.00	ppb
Molybdenum	96-1	1276.62	1270.74	1274.85	1274.07	0.24	ppb
Molybdenum	97-1	1263.95	1274.45	1268.41	1268.94	0.42	ppb
Molybdenum	98-1	1261.86	1264.30	1251.07	1259.08	0.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	257.11	261.98	254.63	257.91	1.45	ppb
Phosphorus	31-2	5469.48	5365.49	5057.05	5297.34	4.05	ppb
Potassium	39-2	12242.82	12355.26	12226.83	12274.97	0.57	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				96		%
Scandium	45-2				95		%
Selenium	77-2	218.44	232.04	235.72	228.73	3.98	ppb
Selenium	78-2	261.28	273.85	248.21	261.11	4.91	ppb
Selenium	82-1	256.89	258.70	259.67	258.42	0.55	ppb
Silicon	28-1	266.60	275.54	276.98	273.04	2.06	ppb
Silver	109-1	266.00	267.13	267.78	266.97	0.34	ppb
Silver	107-1	265.48	266.15	268.02	266.55	0.49	ppb
Sodium	23-2	25845.52	26186.62	25627.16	25886.43	1.09	ppb
Strontium	86-1	249.79	252.96	250.24	250.99	0.68	ppb
Strontium	88-1	249.87	253.86	251.68	251.81	0.79	ppb
Sulfur	34-1	4709.72	4976.38	4725.37	4803.82	3.12	ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	252.08	256.18	251.71	253.33	0.98	ppb
Thallium	205-1	251.87	257.05	251.72	253.55	1.20	ppb
Tin	118-1	256.62	260.78	259.22	258.87	0.81	ppb
Titanium	47-1	1260.14	1280.56	1276.91	1272.53	0.86	ppb
Uranium	238-1	247.53	248.89	249.17	248.53	0.35	ppb
Vanadium	51-2	251.43	255.08	250.66	252.39	0.93	ppb
Yttrium	89-1				99		%
Yttrium	89-2				96		%
Zinc	66-2	516.64	510.84	512.61	513.36	0.58	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 15:26:22	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	254.89	256.21	251.60	254.23	0.93	ppb
Zirconium	91-1	248.63	250.51	252.68	250.61	0.81	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 15:29:56	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9761.49	9850.53	10547.74	10053.25	4.28	ppb
Antimony	121-1	494.53	515.21	494.03	501.26	2.41	ppb
Arsenic	75-2	497.76	503.62	532.91	511.43	3.68	ppb
Barium	135-1	2495.03	2585.01	2453.47	2511.17	2.68	ppb
Barium	137-1	2512.04	2547.31	2462.39	2507.25	1.70	ppb
Beryllium	9-1	500.77	496.63	489.77	495.73	1.12	ppb
Bismuth	209-1				101		%
Bismuth	209-2				94		%
Boron	10-1	489.07	494.96	496.22	493.42	0.77	ppb
Boron	11-1	488.84	498.80	497.19	494.94	1.08	ppb
Cadmium	111-1	493.88	512.11	491.80	499.26	2.24	ppb
Cadmium	106-1	494.00	515.76	504.17	504.64	2.16	ppb
Cadmium	108-1	500.12	518.18	498.44	505.58	2.17	ppb
Calcium	43-1	47499.25	48887.77	47754.64	48047.22	1.54	ppb
Calcium	44-1	46989.30	48555.98	47645.50	47730.26	1.65	ppb
Chromium	52-2	505.71	509.32	547.25	520.76	4.42	ppb
Cobalt	59-2	505.81	508.73	543.99	519.51	4.09	ppb
Copper	63-2	1018.62	1026.66	1087.93	1044.40	3.63	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				104		%
Holmium	165-2				98		%
Indium	115-1				98		%
Indium	115-2				91		%
Iron	56-2	25623.38	25717.40	27629.36	26323.38	4.30	ppb
Iron	57-2	25560.15	25711.42	27565.26	26278.94	4.25	ppb
Krypton	83-1	49.12	80.47	1223.66	451.09	148.37	ppb
Lead	206-1	495.81	518.68	489.63	501.37	3.05	ppb
Lead	207-1	502.73	515.46	493.99	504.06	2.14	ppb
Lead	208-1	495.32	513.69	492.11	500.37	2.33	ppb
Lithium	6-1				97		%
Magnesium	24-2	52628.56	53018.96	56158.35	53935.29	3.59	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 15:29:56	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1018.57	1019.28	1093.32	1043.72	4.12	ppb
Molybdenum	94-1	2463.33	2543.26	2451.19	2485.93	2.01	ppb
Molybdenum	95-1	2450.56	2580.11	2448.25	2492.97	3.03	ppb
Molybdenum	96-1	2482.00	2564.50	2470.86	2505.79	2.04	ppb
Molybdenum	97-1	2462.64	2570.13	2485.33	2506.03	2.26	ppb
Molybdenum	98-1	2455.11	2544.18	2474.93	2491.41	1.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	510.36	510.73	552.04	524.38	4.57	ppb
Phosphorus	31-2	10190.74	9891.35	11058.08	10380.05	5.84	ppb
Potassium	39-2	24372.50	24255.60	26033.27	24887.12	4.00	ppb
Rhodium	103-1				97		%
Rhodium	103-2				92		%
Scandium	45-1				97		%
Scandium	45-2				91		%
Selenium	77-2	593.94	444.34	610.91	549.73	16.67	ppb
Selenium	78-2	539.12	509.01	529.21	525.78	2.92	ppb
Selenium	82-1	495.31	514.46	495.37	501.71	2.20	ppb
Silicon	28-1	514.28	537.94	524.53	525.58	2.26	ppb
Silver	109-1	507.19	524.71	499.22	510.37	2.56	ppb
Silver	107-1	505.80	523.45	498.55	509.27	2.52	ppb
Sodium	23-2	50831.85	51258.98	53885.94	51992.26	3.18	ppb
Strontium	86-1	483.54	502.38	489.55	491.82	1.96	ppb
Strontium	88-1	493.51	507.92	491.01	497.48	1.83	ppb
Sulfur	34-1	9335.82	9888.58	9437.84	9554.08	3.08	ppb
Terbium	159-1				102		%
Terbium	159-2				98		%
Thallium	203-1	497.70	514.98	494.22	502.30	2.21	ppb
Thallium	205-1	492.27	509.69	492.08	498.01	2.03	ppb
Tin	118-1	502.44	520.50	497.89	506.94	2.36	ppb
Titanium	47-1	2460.10	2578.74	2465.69	2501.51	2.68	ppb
Uranium	238-1	491.43	512.89	486.24	496.85	2.84	ppb
Vanadium	51-2	508.88	508.67	545.79	521.11	4.10	ppb
Yttrium	89-1				100		%
Yttrium	89-2				93		%
Zinc	66-2	1022.03	1029.91	1098.70	1050.21	4.02	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 15:29:56	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	492.53	509.99	487.78	496.77	2.35	ppb
Zirconium	91-1	494.65	512.87	495.48	501.00	2.05	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 15:33:27	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18685.00	19199.01	19062.45	18982.15	1.40	ppb
Antimony	121-1	1009.37	1001.00	980.35	996.91	1.50	ppb
Arsenic	75-2	997.16	994.79	988.55	993.50	0.45	ppb
Barium	135-1	5030.07	5018.60	4895.53	4981.40	1.50	ppb
Barium	137-1	5019.38	5013.45	4913.02	4981.95	1.20	ppb
Beryllium	9-1	997.09	1010.03	999.71	1002.28	0.68	ppb
Bismuth	209-1				99		%
Bismuth	209-2				96		%
Boron	10-1	987.48	1019.52	1004.30	1003.77	1.60	ppb
Boron	11-1	984.01	1019.45	1008.03	1003.83	1.80	ppb
Cadmium	111-1	1006.29	1008.18	978.85	997.77	1.64	ppb
Cadmium	106-1	999.43	1010.65	973.34	994.47	1.93	ppb
Cadmium	108-1	995.71	1010.28	975.10	993.70	1.78	ppb
Calcium	43-1	97773.87	99510.62	97403.46	98229.31	1.15	ppb
Calcium	44-1	96741.02	96863.44	94871.17	96158.54	1.16	ppb
Chromium	52-2	967.07	1000.99	994.52	987.53	1.82	ppb
Cobalt	59-2	965.85	998.20	1000.89	988.31	1.97	ppb
Copper	63-2	1921.64	2005.42	1989.48	1972.18	2.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				100		%
Indium	115-1				95		%
Indium	115-2				90		%
Iron	56-2	48624.20	50177.45	50124.29	49641.98	1.78	ppb
Iron	57-2	48345.99	50560.92	50071.62	49659.51	2.34	ppb
Krypton	83-1	1012.79	918.51	548.88	826.73	29.66	ppb
Lead	206-1	1014.37	1001.77	980.75	998.96	1.70	ppb
Lead	207-1	1003.88	1002.38	987.74	998.00	0.89	ppb
Lead	208-1	1007.00	1005.78	983.71	998.83	1.31	ppb
Lithium	6-1				95		%
Magnesium	24-2	98194.55	100851.93	101537.54	100194.67	1.76	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 15:33:27	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1937.88	1993.64	1990.87	1974.13	1.59	ppb
Molybdenum	94-1	5009.08	5066.12	4922.57	4999.26	1.45	ppb
Molybdenum	95-1	5034.52	5035.56	4921.86	4997.31	1.31	ppb
Molybdenum	96-1	5011.07	5040.04	4916.89	4989.33	1.29	ppb
Molybdenum	97-1	4997.95	5047.13	4927.83	4990.97	1.20	ppb
Molybdenum	98-1	5009.12	5053.01	4938.61	5000.25	1.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	963.08	998.26	991.31	984.21	1.89	ppb
Phosphorus	31-2	18201.52	21611.69	19438.60	19750.61	8.74	ppb
Potassium	39-2	46204.42	47833.80	47586.63	47208.28	1.86	ppb
Rhodium	103-1				95		%
Rhodium	103-2				94		%
Scandium	45-1				95		%
Scandium	45-2				95		%
Selenium	77-2	927.61	1129.73	881.45	979.60	13.48	ppb
Selenium	78-2	1021.49	969.26	958.73	983.16	3.42	ppb
Selenium	82-1	997.49	1004.73	987.55	996.59	0.87	ppb
Silicon	28-1	986.31	987.95	957.24	977.17	1.77	ppb
Silver	109-1	1001.50	1002.47	964.63	989.53	2.18	ppb
Silver	107-1	991.97	999.73	978.89	990.20	1.06	ppb
Sodium	23-2	95927.73	98442.74	98377.12	97582.53	1.47	ppb
Strontium	86-1	1002.26	1014.20	994.71	1003.73	0.98	ppb
Strontium	88-1	1005.80	1005.96	989.13	1000.30	0.97	ppb
Sulfur	34-1	20346.25	20537.71	19845.47	20243.14	1.77	ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	1005.52	1000.69	988.32	998.18	0.89	ppb
Thallium	205-1	1015.26	1005.77	978.80	999.94	1.89	ppb
Tin	118-1	1005.90	1002.27	973.44	993.87	1.79	ppb
Titanium	47-1	5018.00	5026.19	4933.39	4992.53	1.03	ppb
Uranium	238-1	1012.10	1009.01	985.56	1002.22	1.45	ppb
Vanadium	51-2	969.64	997.87	996.41	987.97	1.61	ppb
Yttrium	89-1				99		%
Yttrium	89-2				95		%
Zinc	66-2	1925.43	2000.86	1981.57	1969.29	1.99	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 15:33:27	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1007.51	1009.82	983.26	1000.20	1.47	ppb
Zirconium	91-1	1008.10	1010.83	979.34	999.42	1.75	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 15:36:53	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	102714.03	99167.58	98717.80	100199.80	2.18	ppb
Antimony	121-1	2.98	2.65	2.64	2.76	7.08	ppb
Arsenic	75-2	1.75	1.60	1.46	1.61	8.98	ppb
Barium	135-1	1.45	1.37	1.13	1.32	12.67	ppb
Barium	137-1	1.59	1.41	1.34	1.45	8.94	ppb
Beryllium	9-1	0.56	0.46	0.47	0.50	10.50	ppb
Bismuth	209-1				89		%
Bismuth	209-2				88		%
Boron	10-1	49.19	43.31	38.03	43.51	12.83	ppb
Boron	11-1	49.68	42.73	37.45	43.29	14.16	ppb
Cadmium	111-1	0.22	0.21	0.23	0.22	3.96	ppb
Cadmium	106-1	0.55	0.12	0.40	0.36	60.67	ppb
Cadmium	108-1	0.32	0.10	0.16	0.19	59.21	ppb
Calcium	43-1	517360.63	488629.99	495729.76	500573.46	2.99	ppb
Calcium	44-1	515401.42	491034.26	496678.75	501038.14	2.55	ppb
Chromium	52-2	56.10	53.87	52.87	54.28	3.05	ppb
Cobalt	59-2	13.09	12.31	12.43	12.61	3.32	ppb
Copper	63-2	4.84	4.58	4.43	4.62	4.51	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				98		%
Indium	115-1				92		%
Indium	115-2				94		%
Iron	56-2	256872.16	246470.61	246380.56	249907.78	2.41	ppb
Iron	57-2	257414.35	245998.04	246310.76	249907.71	2.60	ppb
Krypton	83-1	-478.31	751.36	280.13	184.39	336.45	ppb
Lead	206-1	1.17	1.13	1.11	1.14	3.11	ppb
Lead	207-1	1.13	1.04	1.02	1.06	5.73	ppb
Lead	208-1	1.13	1.07	1.06	1.09	3.48	ppb
Lithium	6-1				92		%
Magnesium	24-2	514067.44	491262.53	493192.12	499507.36	2.53	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 15:36:53	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	16.91	16.19	14.62	15.90	7.37	ppb
Molybdenum	94-1	7.94	7.34	7.01	7.43	6.36	ppb
Molybdenum	95-1	9.85	9.58	9.28	9.57	3.00	ppb
Molybdenum	96-1	10.42	9.61	9.18	9.74	6.46	ppb
Molybdenum	97-1	9.85	9.49	8.98	9.44	4.61	ppb
Molybdenum	98-1	9.98	9.22	9.02	9.41	5.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	45.66	42.85	41.34	43.29	5.06	ppb
Phosphorus	31-2	7.63	-13.20	-13.20	-6.26		ppb
Potassium	39-2	256143.48	247372.67	248206.74	250574.29	1.93	ppb
Rhodium	103-1				89		%
Rhodium	103-2				89		%
Scandium	45-1				95		%
Scandium	45-2				99		%
Selenium	77-2	0.00	0.00	4.76	1.59	173.21	ppb
Selenium	78-2	-0.23	-0.24	2.09	0.54	248.03	ppb
Selenium	82-1	0.61	1.89	1.48	1.32	49.35	ppb
Silicon	28-1	22.28	19.54	19.45	20.42	7.87	ppb
Silver	109-1	0.15	0.15	0.12	0.14	9.83	ppb
Silver	107-1	0.16	0.16	0.14	0.15	8.31	ppb
Sodium	23-2	514879.54	492596.85	493179.45	500218.61	2.54	ppb
Strontium	86-1	4.58	4.78	4.47	4.61	3.38	ppb
Strontium	88-1	5.13	4.86	4.83	4.94	3.34	ppb
Sulfur	34-1	-85.85	-557.71	-527.12	-390.22		ppb
Terbium	159-1				97		%
Terbium	159-2				98		%
Thallium	203-1	0.65	0.54	0.50	0.57	13.81	ppb
Thallium	205-1	0.66	0.58	0.55	0.59	9.34	ppb
Tin	118-1	2.49	2.32	2.30	2.37	4.30	ppb
Titanium	47-1	1.30	2.78	1.43	1.84	44.63	ppb
Uranium	238-1	0.25	0.21	0.23	0.23	7.62	ppb
Vanadium	51-2	0.53	0.60	0.47	0.54	12.06	ppb
Yttrium	89-1				95		%
Yttrium	89-2				97		%
Zinc	66-2	15.65	14.96	15.17	15.26	2.32	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 15:36:53	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.42	0.37	0.35	0.38	9.34	ppb
Zirconium	91-1	0.43	0.37	0.38	0.39	8.24	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 15:51:01	DataFile Name :	013ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	465.88	464.54	430.49	453.64	4.42	ppb
Antimony	121-1	201.28	202.22	200.65	201.38	0.39	ppb
Arsenic	75-2	195.08	196.33	196.94	196.12	0.49	ppb
Barium	135-1	99.79	99.45	100.25	99.83	0.41	ppb
Barium	137-1	101.36	100.13	100.05	100.51	0.73	ppb
Beryllium	9-1	98.31	99.12	96.90	98.11	1.15	ppb
Bismuth	209-1				99		%
Bismuth	209-2				102		%
Boron	10-1	548.16	558.68	557.62	554.82	1.04	ppb
Boron	11-1	557.26	557.01	551.17	555.15	0.62	ppb
Cadmium	111-1	105.41	103.68	104.70	104.60	0.83	ppb
Cadmium	106-1	160.59	160.20	161.90	160.89	0.55	ppb
Cadmium	108-1	133.36	138.19	134.39	135.32	1.88	ppb
Calcium	43-1	2039.41	2039.90	2033.89	2037.73	0.16	ppb
Calcium	44-1	1927.61	1973.84	1956.32	1952.59	1.20	ppb
Chromium	52-2	93.90	95.95	92.43	94.09	1.88	ppb
Cobalt	59-2	95.88	97.21	93.45	95.51	2.00	ppb
Copper	63-2	96.51	98.02	94.85	96.46	1.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				103		%
Iron	56-2	972.28	976.20	953.89	967.46	1.23	ppb
Iron	57-2	1004.25	978.29	954.44	978.99	2.54	ppb
Krypton	83-1	920.10	288.65	-616.58	197.39	391.30	ppb
Lead	206-1	194.84	195.58	195.55	195.33	0.21	ppb
Lead	207-1	185.73	188.94	185.56	186.75	1.02	ppb
Lead	208-1	193.70	195.19	193.43	194.11	0.49	ppb
Lithium	6-1				104		%
Magnesium	24-2	1175.35	1196.45	1155.31	1175.70	1.75	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 15:51:01	DataFile Name :	013ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	94.56	96.10	94.24	94.97	1.05	ppb
Molybdenum	94-1	1062.63	1055.12	1057.73	1058.49	0.36	ppb
Molybdenum	95-1	488.80	479.86	485.26	484.64	0.93	ppb
Molybdenum	96-1	557.91	556.95	555.48	556.78	0.22	ppb
Molybdenum	97-1	471.49	470.13	476.44	472.69	0.70	ppb
Molybdenum	98-1	475.33	482.88	483.43	480.55	0.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	97.91	99.23	95.63	97.59	1.87	ppb
Phosphorus	31-2	-13.20	23.56	4.56	4.97	369.66	ppb
Potassium	39-2	1951.82	1905.83	1842.84	1900.16	2.88	ppb
Rhodium	103-1				103		%
Rhodium	103-2				104		%
Scandium	45-1				105		%
Scandium	45-2				110		%
Selenium	77-2	191.17	236.32	126.88	184.79	29.76	ppb
Selenium	78-2	184.42	193.03	211.81	196.42	7.13	ppb
Selenium	82-1	197.80	196.67	198.17	197.54	0.40	ppb
Silicon	28-1	487.73	482.15	480.52	483.47	0.78	ppb
Silver	109-1	92.34	91.43	92.04	91.94	0.51	ppb
Silver	107-1	92.47	91.52	92.51	92.17	0.61	ppb
Sodium	23-2	1973.96	1959.25	1883.29	1938.83	2.51	ppb
Strontium	86-1	469.65	472.65	474.29	472.19	0.50	ppb
Strontium	88-1	477.29	475.09	477.67	476.68	0.29	ppb
Sulfur	34-1	-1407.35	-1309.24	-1398.57	-1371.72		ppb
Terbium	159-1				101		%
Terbium	159-2				104		%
Thallium	203-1	195.01	195.21	194.16	194.79	0.29	ppb
Thallium	205-1	199.72	198.69	196.90	198.43	0.72	ppb
Tin	118-1	504.75	497.21	498.27	500.08	0.82	ppb
Titanium	47-1	476.02	484.91	484.16	481.70	1.02	ppb
Uranium	238-1	456.39	457.91	453.45	455.92	0.50	ppb
Vanadium	51-2	95.58	94.99	92.74	94.44	1.59	ppb
Yttrium	89-1				104		%
Yttrium	89-2				105		%
Zinc	66-2	193.76	190.26	189.20	191.07	1.25	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 15:51:01	DataFile Name :	013ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	473.63	468.89	473.10	471.87	0.55	ppb
Zirconium	91-1	471.71	470.68	471.39	471.26	0.11	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 15:56:59	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.08	-0.67	0.70	0.04	1866.30	ppb
Antimony	121-1	0.20	0.23	0.28	0.24	16.51	ppb
Arsenic	75-2	0.02	-0.04	0.03	0.00	1224.99	ppb
Barium	135-1	0.00	0.00	-0.02	-0.01		ppb
Barium	137-1	0.00	0.00	0.00	0.00	278.17	ppb
Beryllium	9-1	0.10	0.07	0.08	0.09	17.56	ppb
Bismuth	209-1				100		%
Bismuth	209-2				102		%
Boron	10-1	9.54	9.22	8.38	9.05	6.62	ppb
Boron	11-1	9.18	8.58	8.56	8.78	4.01	ppb
Cadmium	111-1	0.09	0.00	0.00	0.03	169.51	ppb
Cadmium	106-1	1.02	-0.12	-0.27	0.21	336.69	ppb
Cadmium	108-1	0.07	0.04	-0.05	0.02	316.58	ppb
Calcium	43-1	-3.92	0.83	0.23	-0.95		ppb
Calcium	44-1	0.90	-0.04	1.46	0.78	97.74	ppb
Chromium	52-2	-0.07	0.03	-0.04	-0.03		ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	168.15	ppb
Copper	63-2	0.02	-0.02	0.02	0.01	306.54	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				102		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				105		%
Iron	56-2	0.79	0.47	0.65	0.64	24.61	ppb
Iron	57-2	2.50	3.11	1.69	2.43	29.25	ppb
Krypton	83-1	804.25	178.18	1.40	327.94	128.64	ppb
Lead	206-1	0.04	0.04	0.04	0.04	9.69	ppb
Lead	207-1	0.05	0.06	0.04	0.05	17.80	ppb
Lead	208-1	0.04	0.05	0.05	0.05	4.39	ppb
Lithium	6-1				105		%
Magnesium	24-2	5.50	6.97	4.49	5.65	22.04	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 15:56:59	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.06	-0.05	0.03	-0.03		ppb
Molybdenum	94-1	0.21	0.15	0.19	0.19	16.07	ppb
Molybdenum	95-1	0.15	0.14	0.16	0.15	5.62	ppb
Molybdenum	96-1	0.17	0.17	0.13	0.16	14.46	ppb
Molybdenum	97-1	0.15	0.13	0.14	0.14	7.99	ppb
Molybdenum	98-1	0.11	0.13	0.13	0.13	9.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.15	-0.02	0.04	0.06	146.87	ppb
Phosphorus	31-2	5.28	22.78	-13.20	4.96	362.96	ppb
Potassium	39-2	29.90	22.35	29.47	27.24	15.56	ppb
Rhodium	103-1				103		%
Rhodium	103-2				104		%
Scandium	45-1				107		%
Scandium	45-2				109		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.04	-0.31	0.41	-0.31		ppb
Selenium	82-1	0.23	0.09	-0.15	0.06	342.07	ppb
Silicon	28-1	-1.72	-2.36	-1.11	-1.73		ppb
Silver	109-1	0.00	0.00	0.01	0.00	19.65	ppb
Silver	107-1	0.00	0.00	0.00	0.00	39.68	ppb
Sodium	23-2	17.13	13.38	17.28	15.93	13.88	ppb
Strontium	86-1	0.00	-0.03	0.02	0.00		ppb
Strontium	88-1	0.00	0.01	0.01	0.01	20.05	ppb
Sulfur	34-1	-1464.32	-1360.46	-1413.54	-1412.78		ppb
Terbium	159-1				101		%
Terbium	159-2				103		%
Thallium	203-1	0.08	0.09	0.08	0.08	8.22	ppb
Thallium	205-1	0.08	0.08	0.08	0.08	0.51	ppb
Tin	118-1	0.19	0.14	0.19	0.17	14.76	ppb
Titanium	47-1	-0.02	0.03	-0.07	-0.02		ppb
Uranium	238-1	0.01	0.01	0.00	0.01	19.92	ppb
Vanadium	51-2	0.00	0.01	-0.01	0.00	1312.58	ppb
Yttrium	89-1				104		%
Yttrium	89-2				106		%
Zinc	66-2	0.48	0.06	0.48	0.34	71.17	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 15:56:59	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.05	0.05	0.05	0.05	5.53	ppb
Zirconium	91-1	0.06	0.03	0.07	0.05	37.12	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 16:00:25	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	88312.81	89201.57	86866.40	88126.93	1.34	ppb
Antimony	121-1	1.24	1.23	1.22	1.23	0.55	ppb
Arsenic	75-2	0.12	0.27	0.45	0.28	59.55	ppb
Barium	135-1	1.39	1.33	1.38	1.37	2.40	ppb
Barium	137-1	1.26	1.43	1.39	1.36	6.51	ppb
Beryllium	9-1	0.38	0.31	0.29	0.33	13.92	ppb
Bismuth	209-1				95		%
Bismuth	209-2				97		%
Boron	10-1	10.26	10.49	9.95	10.24	2.61	ppb
Boron	11-1	11.51	11.36	10.55	11.14	4.63	ppb
Cadmium	111-1	0.38	0.36	0.32	0.35	8.81	ppb
Cadmium	106-1	0.93	0.32	0.11	0.45	93.94	ppb
Cadmium	108-1	7.97	8.12	7.82	7.97	1.86	ppb
Calcium	43-1	92556.93	95380.98	93653.92	93863.95	1.52	ppb
Calcium	44-1	91510.10	92568.65	92008.80	92029.18	0.58	ppb
Chromium	52-2	18.86	19.89	19.11	19.28	2.78	ppb
Cobalt	59-2	1.13	1.13	1.11	1.12	1.22	ppb
Copper	63-2	7.42	7.48	7.27	7.39	1.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				103		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	98223.26	98092.04	95435.94	97250.42	1.62	ppb
Iron	57-2	96310.01	99369.04	96116.43	97265.16	1.88	ppb
Krypton	83-1	611.03	-164.47	-39.44	135.70	306.82	ppb
Lead	206-1	4.72	4.94	4.64	4.76	3.26	ppb
Lead	207-1	4.14	4.21	4.14	4.16	0.93	ppb
Lead	208-1	4.35	4.43	4.37	4.38	0.97	ppb
Lithium	6-1				101		%
Magnesium	24-2	98177.90	99594.81	96993.51	98255.41	1.33	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 16:00:25	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.81	7.60	7.78	7.73	1.50	ppb
Molybdenum	94-1	1318.71	1332.66	1319.59	1323.65	0.59	ppb
Molybdenum	95-1	1901.59	1874.58	1869.41	1881.86	0.92	ppb
Molybdenum	96-1	1817.99	1811.18	1794.87	1808.01	0.66	ppb
Molybdenum	97-1	1901.83	1864.71	1875.83	1880.79	1.01	ppb
Molybdenum	98-1	1886.08	1870.12	1866.43	1874.21	0.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.69	5.10	4.92	5.24	7.67	ppb
Phosphorus	31-2	101532.14	99749.32	97630.24	99637.23	1.96	ppb
Potassium	39-2	98876.05	98955.57	96976.81	98269.48	1.14	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				104		%
Scandium	45-2				105		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.04	-1.04	0.45	-0.54		ppb
Selenium	82-1	0.47	-0.11	0.28	0.21	140.83	ppb
Silicon	28-1	34.00	35.90	36.11	35.34	3.28	ppb
Silver	109-1	0.05	0.06	0.08	0.06	20.08	ppb
Silver	107-1	0.06	0.06	0.07	0.06	11.86	ppb
Sodium	23-2	97697.00	98147.21	96674.79	97506.33	0.77	ppb
Strontium	86-1	31.76	32.21	32.73	32.23	1.51	ppb
Strontium	88-1	32.76	33.10	32.92	32.93	0.52	ppb
Sulfur	34-1	80730.82	83492.61	81894.47	82039.30	1.69	ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	0.13	0.18	0.17	0.16	17.01	ppb
Thallium	205-1	0.16	0.18	0.18	0.17	7.79	ppb
Tin	118-1	0.21	0.23	0.27	0.23	13.17	ppb
Titanium	47-1	1962.21	1970.94	1964.59	1965.91	0.23	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	13.42	ppb
Vanadium	51-2	0.16	0.16	0.15	0.16	1.14	ppb
Yttrium	89-1				103		%
Yttrium	89-2				104		%
Zinc	66-2	10.98	11.20	11.08	11.08	0.98	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 16:00:25	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.59	0.49	0.45	0.51	13.78	ppb
Zirconium	91-1	0.60	0.54	0.45	0.53	13.93	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 16:08:56	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	88254.18	89051.81	86709.45	88005.15	1.35	ppb
Antimony	121-1	20.26	20.66	20.62	20.51	1.06	ppb
Arsenic	75-2	19.55	19.43	19.92	19.64	1.29	ppb
Barium	135-1	21.29	21.70	21.32	21.44	1.06	ppb
Barium	137-1	21.85	21.37	21.57	21.60	1.10	ppb
Beryllium	9-1	20.37	19.48	20.16	20.00	2.31	ppb
Bismuth	209-1				93		%
Bismuth	209-2				95		%
Boron	10-1	5.97	5.65	5.47	5.70	4.46	ppb
Boron	11-1	6.75	6.35	6.01	6.37	5.86	ppb
Cadmium	111-1	19.13	19.41	19.28	19.27	0.74	ppb
Cadmium	106-1	15.66	17.05	14.71	15.80	7.44	ppb
Cadmium	108-1	25.93	25.11	27.04	26.03	3.71	ppb
Calcium	43-1	91661.76	95875.29	93329.08	93622.04	2.27	ppb
Calcium	44-1	90114.90	92838.69	93348.92	92100.84	1.89	ppb
Chromium	52-2	41.54	41.73	41.47	41.58	0.33	ppb
Cobalt	59-2	20.42	20.49	20.09	20.33	1.06	ppb
Copper	63-2	26.65	26.59	26.18	26.47	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				101		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	56-2	96931.06	97539.76	96049.33	96840.05	0.77	ppb
Iron	57-2	96152.18	97139.98	94464.00	95918.72	1.41	ppb
Krypton	83-1	-1096.81	-244.43	300.82	-346.81		ppb
Lead	206-1	24.67	24.84	25.44	24.98	1.62	ppb
Lead	207-1	22.39	22.75	22.98	22.71	1.32	ppb
Lead	208-1	23.08	23.39	23.85	23.44	1.67	ppb
Lithium	6-1				99		%
Magnesium	24-2	99894.53	99528.75	96344.18	98589.15	1.98	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 16:08:56	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	26.99	26.17	25.90	26.35	2.16	ppb
Molybdenum	94-1	1348.32	1302.11	1331.57	1327.33	1.76	ppb
Molybdenum	95-1	1932.09	1855.55	1896.68	1894.77	2.02	ppb
Molybdenum	96-1	1847.07	1787.52	1824.78	1819.79	1.65	ppb
Molybdenum	97-1	1918.80	1875.49	1912.98	1902.42	1.24	ppb
Molybdenum	98-1	1884.15	1864.71	1902.40	1883.75	1.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.86	26.26	26.65	26.26	1.49	ppb
Phosphorus	31-2	97668.71	98008.91	97427.98	97701.87	0.30	ppb
Potassium	39-2	98072.52	99426.22	96432.49	97977.08	1.53	ppb
Rhodium	103-1				96		%
Rhodium	103-2				97		%
Scandium	45-1				101		%
Scandium	45-2				103		%
Selenium	77-2	13.89	4.63	13.96	10.83	49.56	ppb
Selenium	78-2	17.97	20.28	15.77	18.01	12.51	ppb
Selenium	82-1	17.91	18.91	19.43	18.75	4.11	ppb
Silicon	28-1	34.58	38.11	39.08	37.26	6.36	ppb
Silver	109-1	18.83	19.26	18.73	18.94	1.48	ppb
Silver	107-1	18.88	19.26	18.96	19.03	1.05	ppb
Sodium	23-2	97556.79	98553.93	96530.86	97547.20	1.04	ppb
Strontium	86-1	32.42	32.39	32.66	32.49	0.45	ppb
Strontium	88-1	33.43	32.89	33.32	33.21	0.85	ppb
Sulfur	34-1	80364.88	83316.83	82773.22	82151.65	1.91	ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	19.76	19.62	20.22	19.87	1.56	ppb
Thallium	205-1	19.71	19.83	20.36	19.97	1.73	ppb
Tin	118-1	0.23	0.26	0.22	0.24	9.37	ppb
Titanium	47-1	1937.18	1991.16	2015.92	1981.42	2.03	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	3.30	ppb
Vanadium	51-2	19.59	19.27	18.92	19.26	1.76	ppb
Yttrium	89-1				101		%
Yttrium	89-2				102		%
Zinc	66-2	30.25	30.78	29.07	30.03	2.92	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 16:08:56	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.63	0.49	0.40	0.51	23.13	ppb
Zirconium	91-1	0.75	0.56	0.39	0.56	31.52	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	CCV82	Instrumnet Name :	P8
Client Sample ID :	CCV82	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 16:12:15	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52408.18	51506.75	50841.94	51585.62	1.52	ppb
Antimony	121-1	515.69	530.41	538.50	528.20	2.19	ppb
Arsenic	75-2	524.72	508.70	509.41	514.28	1.76	ppb
Barium	135-1	2625.44	2641.85	2722.24	2663.18	1.95	ppb
Barium	137-1	2621.63	2653.45	2694.32	2656.47	1.37	ppb
Beryllium	9-1	530.72	531.20	551.17	537.70	2.17	ppb
Bismuth	209-1				91		%
Bismuth	209-2				94		%
Boron	10-1	508.31	525.72	560.58	531.54	5.01	ppb
Boron	11-1	511.21	531.70	561.19	534.70	4.70	ppb
Cadmium	111-1	501.75	511.54	523.65	512.31	2.14	ppb
Cadmium	106-1	507.40	526.32	535.18	522.97	2.71	ppb
Cadmium	108-1	509.75	512.90	532.18	518.28	2.34	ppb
Calcium	43-1	236845.34	240119.19	248650.28	241871.60	2.52	ppb
Calcium	44-1	237095.96	237801.67	245680.57	240192.73	1.98	ppb
Chromium	52-2	538.56	520.53	518.04	525.71	2.13	ppb
Cobalt	59-2	497.82	489.96	481.84	489.87	1.63	ppb
Copper	63-2	990.36	961.04	931.70	961.04	3.05	ppb
Dysprosium	156-1						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				102		%
Indium	115-1				95		%
Indium	115-2				97		%
Iron	56-2	125514.08	124021.59	121318.78	123618.15	1.72	ppb
Iron	57-2	126883.61	124101.98	121758.75	124248.12	2.06	ppb
Krypton	83-1	613.33	770.21	257.06	546.87	48.08	ppb
Lead	206-1	509.60	527.60	539.74	525.65	2.88	ppb
Lead	207-1	509.98	522.50	541.16	524.54	2.99	ppb
Lead	208-1	508.36	524.46	536.30	523.04	2.68	ppb
Lithium	6-1				96		%
Magnesium	24-2	252011.86	245703.13	242992.28	246902.42	1.87	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	CCV82	Instrumnet Name :	P8
Client Sample ID :	CCV82	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 16:12:15	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1024.05	1002.98	992.41	1006.48	1.60	ppb
Molybdenum	94-1	2538.22	2572.15	2629.91	2580.09	1.80	ppb
Molybdenum	95-1	2525.09	2555.08	2617.59	2565.92	1.84	ppb
Molybdenum	96-1	2536.35	2569.83	2619.71	2575.29	1.63	ppb
Molybdenum	97-1	2512.29	2553.23	2632.11	2565.88	2.37	ppb
Molybdenum	98-1	2522.35	2542.58	2646.90	2570.61	2.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	509.12	503.17	493.98	502.09	1.52	ppb
Phosphorus	31-2	11665.35	10217.54	10358.31	10747.07	7.43	ppb
Potassium	39-2	127952.18	126953.00	122442.86	125782.68	2.33	ppb
Rhodium	103-1				93		%
Rhodium	103-2				96		%
Scandium	45-1				101		%
Scandium	45-2				105		%
Selenium	77-2	559.61	489.38	447.07	498.69	11.40	ppb
Selenium	78-2	516.75	509.78	504.66	510.40	1.19	ppb
Selenium	82-1	502.50	514.16	523.31	513.32	2.03	ppb
Silicon	28-1	554.31	555.34	583.76	564.47	2.96	ppb
Silver	109-1	516.84	523.26	530.58	523.56	1.31	ppb
Silver	107-1	517.02	529.65	532.96	526.55	1.60	ppb
Sodium	23-2	250780.60	248356.16	243947.90	247694.89	1.40	ppb
Strontium	86-1	499.90	506.58	521.84	509.44	2.21	ppb
Strontium	88-1	507.21	515.01	528.72	516.98	2.11	ppb
Sulfur	34-1	10005.68	10066.85	10642.26	10238.27	3.43	ppb
Terbium	159-1				98		%
Terbium	159-2				101		%
Thallium	203-1	506.46	522.62	537.66	522.24	2.99	ppb
Thallium	205-1	504.37	517.34	536.55	519.42	3.12	ppb
Tin	118-1	516.30	531.77	542.92	530.33	2.52	ppb
Titanium	47-1	2581.75	2590.01	2646.32	2606.03	1.35	ppb
Uranium	238-1	499.23	512.79	529.70	513.91	2.97	ppb
Vanadium	51-2	518.31	506.57	501.65	508.85	1.68	ppb
Yttrium	89-1				99		%
Yttrium	89-2				102		%
Zinc	66-2	977.55	961.10	944.53	961.06	1.72	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	CCV82	Instrumnet Name :	P8
Client Sample ID :	CCV82	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 16:12:15	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	502.11	514.72	525.22	514.02	2.25	ppb
Zirconium	91-1	506.82	521.64	531.83	520.09	2.42	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	CCB82	Instrumnet Name :	P8
Client Sample ID :	CCB82	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 16:17:46	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.09	0.42	-0.96	-0.15		ppb
Antimony	121-1	0.44	0.47	0.43	0.45	3.67	ppb
Arsenic	75-2	0.02	0.05	0.09	0.05	68.86	ppb
Barium	135-1	0.02	0.03	0.03	0.03	30.58	ppb
Barium	137-1	0.02	0.03	0.04	0.03	30.30	ppb
Beryllium	9-1	0.09	0.16	0.12	0.12	25.70	ppb
Bismuth	209-1				96		%
Bismuth	209-2				102		%
Boron	10-1	8.99	9.58	8.87	9.15	4.16	ppb
Boron	11-1	8.67	8.65	7.93	8.41	5.04	ppb
Cadmium	111-1	0.01	0.07	0.00	0.03	153.73	ppb
Cadmium	106-1	0.00	0.92	-0.24	0.22	274.22	ppb
Cadmium	108-1	0.07	0.04	0.01	0.04	70.59	ppb
Calcium	43-1	-3.70	2.33	-0.03	-0.47		ppb
Calcium	44-1	6.22	5.24	4.59	5.35	15.39	ppb
Chromium	52-2	0.01	-0.02	0.01	0.00		ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	144.10	ppb
Copper	63-2	0.07	0.06	0.03	0.05	44.16	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				99		%
Holmium	165-2				103		%
Indium	115-1				99		%
Indium	115-2				104		%
Iron	56-2	2.94	2.77	2.74	2.82	3.83	ppb
Iron	57-2	3.26	2.85	3.28	3.13	7.63	ppb
Krypton	83-1	345.94	26.08	309.38	227.13	77.08	ppb
Lead	206-1	0.08	0.10	0.08	0.09	13.17	ppb
Lead	207-1	0.09	0.09	0.08	0.09	5.81	ppb
Lead	208-1	0.09	0.09	0.08	0.09	5.53	ppb
Lithium	6-1				101		%
Magnesium	24-2	11.56	11.95	10.60	11.37	6.09	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	CCB82	Instrumnet Name :	P8
Client Sample ID :	CCB82	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 16:17:46	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.02	0.00	-0.02	0.00	4106.95	ppb
Molybdenum	94-1	0.40	0.37	0.36	0.38	6.06	ppb
Molybdenum	95-1	0.42	0.39	0.38	0.40	5.60	ppb
Molybdenum	96-1	0.40	0.42	0.34	0.39	10.69	ppb
Molybdenum	97-1	0.42	0.35	0.44	0.40	11.47	ppb
Molybdenum	98-1	0.43	0.36	0.37	0.39	8.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.07	0.16	0.03	0.09	79.09	ppb
Phosphorus	31-2	-13.20	-13.20	5.48	-6.97		ppb
Potassium	39-2	43.90	35.48	30.66	36.68	18.27	ppb
Rhodium	103-1				100		%
Rhodium	103-2				104		%
Scandium	45-1				102		%
Scandium	45-2				107		%
Selenium	77-2	0.00	4.49	0.00	1.50	173.21	ppb
Selenium	78-2	-0.29	-0.30	-1.04	-0.54		ppb
Selenium	82-1	0.42	0.40	0.41	0.41	3.08	ppb
Silicon	28-1	-1.71	0.39	0.28	-0.35		ppb
Silver	109-1	0.02	0.03	0.04	0.03	22.63	ppb
Silver	107-1	0.03	0.03	0.02	0.03	22.45	ppb
Sodium	23-2	27.49	35.49	30.96	31.31	12.82	ppb
Strontium	86-1	-0.05	0.06	-0.05	-0.01		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	30.72	ppb
Sulfur	34-1	-937.43	-663.71	-623.76	-741.63		ppb
Terbium	159-1				99		%
Terbium	159-2				103		%
Thallium	203-1	0.10	0.11	0.10	0.11	3.84	ppb
Thallium	205-1	0.12	0.11	0.12	0.12	1.64	ppb
Tin	118-1	0.11	0.12	0.12	0.11	7.57	ppb
Titanium	47-1	0.04	0.05	0.07	0.05	34.90	ppb
Uranium	238-1	0.01	0.00	0.01	0.01	30.53	ppb
Vanadium	51-2	0.00	-0.01	-0.01	-0.01		ppb
Yttrium	89-1				100		%
Yttrium	89-2				104		%
Zinc	66-2	0.21	0.12	0.17	0.17	27.24	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	CCB82	Instrumnet Name :	P8
Client Sample ID :	CCB82	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 16:17:46	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.08	0.10	0.07	0.08	15.51	ppb
Zirconium	91-1	0.11	0.09	0.04	0.08	48.96	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 16:21:11	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.07	24.02	20.64	20.91	14.28	ppb
Antimony	121-1	2.25	2.13	2.17	2.19	2.60	ppb
Arsenic	75-2	1.30	1.09	0.97	1.12	14.95	ppb
Barium	135-1	10.01	10.10	9.73	9.95	1.97	ppb
Barium	137-1	10.03	9.99	10.05	10.03	0.29	ppb
Beryllium	9-1	0.95	1.13	1.15	1.07	10.44	ppb
Bismuth	209-1				98		%
Bismuth	209-2				102		%
Boron	10-1	28.62	27.71	28.88	28.40	2.17	ppb
Boron	11-1	27.60	29.23	29.34	28.72	3.40	ppb
Cadmium	111-1	1.04	1.04	1.00	1.03	1.99	ppb
Cadmium	106-1	1.36	1.81	0.41	1.19	60.10	ppb
Cadmium	108-1	1.00	0.89	0.99	0.96	6.39	ppb
Calcium	43-1	463.14	486.37	468.49	472.67	2.57	ppb
Calcium	44-1	460.01	463.52	466.94	463.49	0.75	ppb
Chromium	52-2	2.04	2.03	2.05	2.04	0.39	ppb
Cobalt	59-2	0.98	0.92	0.99	0.96	3.83	ppb
Copper	63-2	2.08	1.99	1.90	1.99	4.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				104		%
Iron	56-2	52.18	50.46	51.01	51.21	1.72	ppb
Iron	57-2	55.31	44.14	51.57	50.34	11.30	ppb
Krypton	83-1	-201.89	779.03	582.85	386.66	134.24	ppb
Lead	206-1	1.07	1.06	1.08	1.07	1.24	ppb
Lead	207-1	1.05	1.01	1.05	1.04	2.27	ppb
Lead	208-1	1.04	1.05	1.03	1.04	1.03	ppb
Lithium	6-1				104		%
Magnesium	24-2	512.27	495.91	481.98	496.72	3.05	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 16:21:11	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.08	0.76	0.98	0.94	17.11	ppb
Molybdenum	94-1	5.29	5.19	5.66	5.38	4.62	ppb
Molybdenum	95-1	5.09	5.14	4.85	5.03	2.99	ppb
Molybdenum	96-1	4.97	4.87	5.13	4.99	2.69	ppb
Molybdenum	97-1	5.31	5.00	4.94	5.09	3.95	ppb
Molybdenum	98-1	5.02	4.96	5.05	5.01	0.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.35	1.09	1.03	1.16	14.35	ppb
Phosphorus	31-2	5.45	4.71	22.11	10.76	91.50	ppb
Potassium	39-2	562.06	494.65	479.72	512.14	8.57	ppb
Rhodium	103-1				102		%
Rhodium	103-2				104		%
Scandium	45-1				104		%
Scandium	45-2				110		%
Selenium	77-2	9.09	4.53	8.82	7.48	34.19	ppb
Selenium	78-2	6.42	3.43	9.10	6.32	44.89	ppb
Selenium	82-1	5.09	5.39	5.86	5.45	7.08	ppb
Silicon	28-1	15.53	15.56	14.75	15.28	3.00	ppb
Silver	109-1	1.10	1.12	1.14	1.12	2.03	ppb
Silver	107-1	1.03	1.10	1.09	1.07	3.80	ppb
Sodium	23-2	514.38	492.57	485.11	497.35	3.06	ppb
Strontium	86-1	1.00	1.05	0.93	0.99	5.92	ppb
Strontium	88-1	1.03	1.07	1.00	1.03	3.64	ppb
Sulfur	34-1	-878.68	-961.86	-1025.99	-955.51		ppb
Terbium	159-1				100		%
Terbium	159-2				103		%
Thallium	203-1	1.09	1.03	1.02	1.05	3.48	ppb
Thallium	205-1	1.05	1.05	1.05	1.05	0.36	ppb
Tin	118-1	4.98	5.11	5.05	5.05	1.28	ppb
Titanium	47-1	5.21	4.62	4.76	4.87	6.32	ppb
Uranium	238-1	0.95	0.97	0.92	0.94	2.73	ppb
Vanadium	51-2	4.85	4.63	4.45	4.64	4.30	ppb
Yttrium	89-1				102		%
Yttrium	89-2				105		%
Zinc	66-2	2.88	2.39	2.15	2.47	15.06	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 16:21:11	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.11	1.12	1.08	1.11	1.74	ppb
Zirconium	91-1	1.17	1.17	1.06	1.13	5.48	ppb

LB Number : LB98428 Operator : Jaswal
 Lab Sample ID : PB113531BL Instrumnet Name : P8
 Client Sample ID : PB113531BL Dilution Factor : 1
 Date & Time Acquired :: 2018-10-06 16:24:36 DataFile Name : 021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.33	0.47	-0.96	-0.60		ppb
Antimony	121-1	0.08	0.06	0.07	0.07	10.20	ppb
Arsenic	75-2	-0.02	0.01	-0.02	-0.01		ppb
Barium	135-1	0.03	0.00	-0.02	0.00	490.40	ppb
Barium	137-1	0.02	0.01	0.02	0.02	40.35	ppb
Beryllium	9-1	0.05	0.09	0.03	0.06	55.33	ppb
Bismuth	209-1				96		%
Bismuth	209-2				101		%
Boron	10-1	5.76	4.74	5.12	5.21	9.89	ppb
Boron	11-1	5.05	5.19	4.36	4.87	9.09	ppb
Cadmium	111-1	0.05	0.07	0.09	0.07	23.61	ppb
Cadmium	106-1	0.62	1.02	1.13	0.92	29.05	ppb
Cadmium	108-1	0.04	-0.02	0.01	0.01	288.65	ppb
Calcium	43-1	-1.06	-1.63	-2.79	-1.83		ppb
Calcium	44-1	2.74	3.65	1.98	2.79	29.96	ppb
Chromium	52-2	-0.02	0.00	-0.04	-0.02		ppb
Cobalt	59-2	0.01	0.00	0.00	0.00	121.87	ppb
Copper	63-2	0.04	0.04	-0.01	0.02	108.08	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				101		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				103		%
Iron	56-2	1.31	1.52	1.19	1.34	12.28	ppb
Iron	57-2	3.95	1.81	2.52	2.76	39.47	ppb
Krypton	83-1	619.89	369.86	602.42	530.72	26.30	ppb
Lead	206-1	0.07	0.06	0.05	0.06	15.51	ppb
Lead	207-1	0.06	0.06	0.04	0.05	24.57	ppb
Lead	208-1	0.06	0.06	0.05	0.06	9.52	ppb
Lithium	6-1				103		%
Magnesium	24-2	11.66	13.08	10.79	11.84	9.78	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	PB113531BL	Instrumnet Name :	P8
Client Sample ID :	PB113531BL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 16:24:36	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.06	0.01	0.06	0.00	6081.72	ppb
Molybdenum	94-1	0.14	0.12	0.07	0.11	32.94	ppb
Molybdenum	95-1	0.10	0.08	0.08	0.09	9.91	ppb
Molybdenum	96-1	0.10	0.12	0.10	0.11	10.79	ppb
Molybdenum	97-1	0.09	0.12	0.09	0.10	16.43	ppb
Molybdenum	98-1	0.10	0.09	0.10	0.10	7.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.06	0.18	0.11	0.11	54.63	ppb
Phosphorus	31-2	-13.20	-13.20	-13.20	-13.20		ppb
Potassium	39-2	29.68	34.32	14.23	26.07	40.35	ppb
Rhodium	103-1				101		%
Rhodium	103-2				104		%
Scandium	45-1				104		%
Scandium	45-2				107		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.04	1.89	0.45	0.43	337.07	ppb
Selenium	82-1	0.06	0.27	0.42	0.25	73.12	ppb
Silicon	28-1	0.35	-0.80	-0.74	-0.39		ppb
Silver	109-1	0.01	0.00	0.01	0.01	50.40	ppb
Silver	107-1	0.01	0.02	0.01	0.01	21.77	ppb
Sodium	23-2	21.11	13.02	25.71	19.95	32.22	ppb
Strontium	86-1	0.03	0.01	-0.04	0.00	3049.16	ppb
Strontium	88-1	0.01	0.00	0.00	0.00	199.04	ppb
Sulfur	34-1	-571.03	-687.24	-642.45	-633.57		ppb
Terbium	159-1				100		%
Terbium	159-2				103		%
Thallium	203-1	0.07	0.05	0.06	0.06	12.50	ppb
Thallium	205-1	0.06	0.07	0.06	0.06	11.63	ppb
Tin	118-1	0.02	-0.01	0.03	0.01	186.52	ppb
Titanium	47-1	0.00	-0.01	0.07	0.02	212.09	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	129.73	ppb
Vanadium	51-2	0.00	-0.01	0.00	0.00		ppb
Yttrium	89-1				102		%
Yttrium	89-2				105		%
Zinc	66-2	0.18	0.15	-0.19	0.05	441.27	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	PB113531BL	Instrumnet Name :	P8
Client Sample ID :	PB113531BL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 16:24:36	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.04	0.03	0.04	0.04	17.57	ppb
Zirconium	91-1	0.03	0.04	0.02	0.03	22.77	ppb

LB Number : LB98428 Operator : Jaswal
 Lab Sample ID : PB113531BS Instrumnet Name : P8
 Client Sample ID : PB113531BS Dilution Factor : 1
 Date & Time Acquired :: 2018-10-06 16:32:48 DataFile Name : 023LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39.96	43.13	32.58	38.56	14.04	ppb
Antimony	121-1	4.02	4.12	4.07	4.07	1.25	ppb
Arsenic	75-2	1.86	1.99	2.30	2.05	11.25	ppb
Barium	135-1	20.22	19.81	20.99	20.34	2.93	ppb
Barium	137-1	19.72	19.91	20.40	20.01	1.76	ppb
Beryllium	9-1	2.01	2.08	2.05	2.05	1.63	ppb
Bismuth	209-1				97		%
Bismuth	209-2				100		%
Boron	10-1	48.30	50.08	52.45	50.28	4.15	ppb
Boron	11-1	47.59	50.67	52.38	50.21	4.84	ppb
Cadmium	111-1	2.05	2.16	2.18	2.13	3.36	ppb
Cadmium	106-1	2.02	2.93	2.26	2.40	19.59	ppb
Cadmium	108-1	2.10	1.98	2.28	2.12	7.12	ppb
Calcium	43-1	903.30	935.06	935.42	924.59	1.99	ppb
Calcium	44-1	900.50	937.04	941.17	926.24	2.42	ppb
Chromium	52-2	4.60	4.22	4.02	4.28	6.87	ppb
Cobalt	59-2	2.16	2.00	2.11	2.09	3.93	ppb
Copper	63-2	4.14	4.12	4.02	4.09	1.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				104		%
Iron	56-2	356.65	335.08	332.30	341.34	3.90	ppb
Iron	57-2	339.33	341.77	318.93	333.35	3.76	ppb
Krypton	83-1	-14.12	495.06	332.57	271.17	95.91	ppb
Lead	206-1	1.93	2.02	2.05	2.00	3.13	ppb
Lead	207-1	1.92	2.00	2.01	1.98	2.41	ppb
Lead	208-1	1.94	2.00	2.01	1.98	1.97	ppb
Lithium	6-1				104		%
Magnesium	24-2	1088.93	1021.31	1029.51	1046.58	3.53	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	PB113531BS	Instrumnet Name :	P8
Client Sample ID :	PB113531BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 16:32:48	DataFile Name :	023LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2.34	2.11	1.89	2.11	10.59	ppb
Molybdenum	94-1	9.78	9.89	10.09	9.92	1.61	ppb
Molybdenum	95-1	9.73	9.70	9.73	9.72	0.21	ppb
Molybdenum	96-1	9.69	9.58	9.80	9.69	1.13	ppb
Molybdenum	97-1	9.55	9.65	9.58	9.59	0.53	ppb
Molybdenum	98-1	9.74	10.01	9.79	9.84	1.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.22	2.16	2.07	2.15	3.64	ppb
Phosphorus	31-2	-13.20	5.18	41.75	11.24	248.74	ppb
Potassium	39-2	1082.16	1025.80	1026.84	1044.93	3.09	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				104		%
Scandium	45-2				106		%
Selenium	77-2	9.28	13.48	17.72	13.49	31.27	ppb
Selenium	78-2	16.48	8.56	5.52	10.19	55.61	ppb
Selenium	82-1	10.22	11.27	9.83	10.44	7.12	ppb
Silicon	28-1	31.03	33.68	33.90	32.87	4.86	ppb
Silver	109-1	2.07	2.17	2.18	2.14	2.74	ppb
Silver	107-1	2.13	2.14	2.16	2.14	0.60	ppb
Sodium	23-2	1090.10	1019.34	1027.13	1045.53	3.71	ppb
Strontium	86-1	1.88	1.98	2.09	1.98	5.26	ppb
Strontium	88-1	2.00	2.02	2.00	2.01	0.73	ppb
Sulfur	34-1	-926.43	-619.01	-419.42	-654.95		ppb
Terbium	159-1				100		%
Terbium	159-2				102		%
Thallium	203-1	2.03	1.95	1.95	1.98	2.13	ppb
Thallium	205-1	1.97	2.01	1.98	1.99	0.89	ppb
Tin	118-1	9.88	10.17	10.15	10.07	1.63	ppb
Titanium	47-1	9.62	9.76	10.01	9.80	2.02	ppb
Uranium	238-1	1.85	1.90	1.88	1.88	1.26	ppb
Vanadium	51-2	10.16	9.40	9.52	9.69	4.26	ppb
Yttrium	89-1				102		%
Yttrium	89-2				104		%
Zinc	66-2	4.06	4.03	4.03	4.04	0.42	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	PB113531BS	Instrumnet Name :	P8
Client Sample ID :	PB113531BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 16:32:48	DataFile Name :	023LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.97	2.00	2.12	2.03	3.82	ppb
Zirconium	91-1	1.93	1.95	1.98	1.95	1.29	ppb

LB Number : LB98428 Operator : Jaswal
 Lab Sample ID : PB113523BL Instrumnet Name : P8
 Client Sample ID : PB113523BL Dilution Factor : 1
 Date & Time Acquired :: 2018-10-06 16:36:13 DataFile Name : 024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.70	-1.35	-0.29	-1.11		ppb
Antimony	121-1	0.03	0.02	0.00	0.02	70.84	ppb
Arsenic	75-2	-0.05	-0.04	0.05	-0.01		ppb
Barium	135-1	0.00	0.00	-0.01	0.00		ppb
Barium	137-1	0.00	0.01	0.02	0.01	66.32	ppb
Beryllium	9-1	0.03	0.05	0.03	0.04	31.30	ppb
Bismuth	209-1				94		%
Bismuth	209-2				102		%
Boron	10-1	5.38	4.91	3.93	4.74	15.60	ppb
Boron	11-1	4.98	5.03	4.61	4.88	4.68	ppb
Cadmium	111-1	0.06	0.00	0.01	0.03	130.35	ppb
Cadmium	106-1	0.88	-0.03	0.13	0.33	147.20	ppb
Cadmium	108-1	0.04	-0.05	-0.05	-0.02		ppb
Calcium	43-1	3.58	-1.35	-0.39	0.61	426.95	ppb
Calcium	44-1	4.68	5.33	2.50	4.17	35.62	ppb
Chromium	52-2	-0.10	0.03	-0.02	-0.03		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.01	-0.01	0.01	0.00	433.48	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				98		%
Holmium	165-2				103		%
Indium	115-1				98		%
Indium	115-2				106		%
Iron	56-2	0.65	0.88	1.03	0.85	22.31	ppb
Iron	57-2	1.27	0.61	2.47	1.45	65.15	ppb
Krypton	83-1	0.98	258.39	850.58	369.99	117.75	ppb
Lead	206-1	0.02	0.02	0.01	0.02	35.43	ppb
Lead	207-1	0.03	0.05	0.02	0.03	37.73	ppb
Lead	208-1	0.03	0.03	0.02	0.03	26.79	ppb
Lithium	6-1				101		%
Magnesium	24-2	9.17	5.98	11.86	9.00	32.70	ppb

LB Number : LB98428 Operator : Jaswal
 Lab Sample ID : PB113523BL Instrumnet Name : P8
 Client Sample ID : PB113523BL Dilution Factor : 1
 Date & Time Acquired :: 2018-10-06 16:36:13 DataFile Name : 024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.05	0.01	0.03	0.00		ppb
Molybdenum	94-1	0.08	0.05	0.09	0.07	26.24	ppb
Molybdenum	95-1	0.02	0.05	0.01	0.03	76.52	ppb
Molybdenum	96-1	0.04	0.06	0.03	0.04	34.55	ppb
Molybdenum	97-1	0.02	0.04	0.03	0.03	21.91	ppb
Molybdenum	98-1	0.01	0.04	0.04	0.03	49.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.06	-0.01	0.02	144.80	ppb
Phosphorus	31-2	4.40	-13.20	-13.20	-7.33		ppb
Potassium	39-2	22.70	23.60	25.63	23.98	6.25	ppb
Rhodium	103-1				99		%
Rhodium	103-2				105		%
Scandium	45-1				102		%
Scandium	45-2				110		%
Selenium	77-2	4.36	0.00	0.00	1.45	173.21	ppb
Selenium	78-2	0.39	-1.04	0.42	-0.08		ppb
Selenium	82-1	-0.16	0.54	0.61	0.33	129.95	ppb
Silicon	28-1	-0.91	1.45	-0.19	0.12	1038.37	ppb
Silver	109-1	0.00	0.01	0.00	0.01	64.00	ppb
Silver	107-1	0.01	0.01	0.01	0.01	13.81	ppb
Sodium	23-2	13.14	7.72	10.40	10.42	26.05	ppb
Strontium	86-1	0.01	0.04	-0.03	0.01	445.35	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	447.23	ppb
Sulfur	34-1	-446.24	-5.06	-457.01	-302.77		ppb
Terbium	159-1				97		%
Terbium	159-2				104		%
Thallium	203-1	0.02	0.03	0.02	0.03	17.61	ppb
Thallium	205-1	0.03	0.04	0.03	0.03	11.66	ppb
Tin	118-1	0.00	0.01	0.00	0.00	187.99	ppb
Titanium	47-1	-0.01	0.03	0.00	0.01	283.00	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	214.79	ppb
Vanadium	51-2	0.00	-0.01	-0.01	-0.01		ppb
Yttrium	89-1				100		%
Yttrium	89-2				107		%
Zinc	66-2	-0.01	0.10	0.01	0.03	185.42	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	PB113523BL	Instrumnet Name :	P8
Client Sample ID :	PB113523BL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 16:36:13	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.02	0.02	0.02	12.29	ppb
Zirconium	91-1	0.04	0.03	0.01	0.03	41.75	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	PB113523BS	Instrumnet Name :	P8
Client Sample ID :	PB113523BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 16:39:38	DataFile Name :	025LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	43.00	42.25	35.41	40.22	10.39	ppb
Antimony	121-1	3.94	4.04	4.10	4.03	1.99	ppb
Arsenic	75-2	2.01	2.25	2.15	2.14	5.48	ppb
Barium	135-1	20.41	20.21	20.17	20.27	0.64	ppb
Barium	137-1	20.25	20.34	20.51	20.37	0.63	ppb
Beryllium	9-1	2.02	2.01	2.21	2.08	5.38	ppb
Bismuth	209-1				96		%
Bismuth	209-2				101		%
Boron	10-1	49.35	51.21	52.90	51.15	3.47	ppb
Boron	11-1	48.17	49.64	52.57	50.13	4.47	ppb
Cadmium	111-1	2.03	2.23	2.05	2.10	5.16	ppb
Cadmium	106-1	1.42	3.59	2.44	2.48	43.61	ppb
Cadmium	108-1	2.39	2.10	2.13	2.21	7.13	ppb
Calcium	43-1	886.06	912.51	983.96	927.51	5.46	ppb
Calcium	44-1	915.26	919.80	960.61	931.89	2.68	ppb
Chromium	52-2	4.36	4.21	4.42	4.33	2.53	ppb
Cobalt	59-2	2.00	2.02	2.08	2.03	2.17	ppb
Copper	63-2	3.90	3.86	3.79	3.85	1.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				105		%
Iron	56-2	335.33	327.10	331.67	331.37	1.24	ppb
Iron	57-2	345.04	303.33	348.00	332.12	7.52	ppb
Krypton	83-1	661.06	37.81	122.43	273.77	123.49	ppb
Lead	206-1	1.96	2.03	2.17	2.05	5.30	ppb
Lead	207-1	2.01	2.10	2.12	2.08	2.90	ppb
Lead	208-1	1.98	2.01	2.09	2.03	2.70	ppb
Lithium	6-1				103		%
Magnesium	24-2	1006.36	983.19	1037.74	1009.09	2.71	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	PB113523BS	Instrumnet Name :	P8
Client Sample ID :	PB113523BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 16:39:38	DataFile Name :	025LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.71	1.95	1.82	1.82	6.50	ppb
Molybdenum	94-1	9.89	9.95	10.45	10.10	3.02	ppb
Molybdenum	95-1	9.56	9.89	10.17	9.87	3.10	ppb
Molybdenum	96-1	9.91	9.63	10.23	9.92	3.05	ppb
Molybdenum	97-1	9.35	10.05	10.26	9.89	4.84	ppb
Molybdenum	98-1	9.56	9.91	10.23	9.90	3.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.25	2.22	2.25	2.24	0.73	ppb
Phosphorus	31-2	4.99	4.69	5.14	4.94	4.68	ppb
Potassium	39-2	1063.92	1020.77	983.92	1022.87	3.91	ppb
Rhodium	103-1				101		%
Rhodium	103-2				103		%
Scandium	45-1				104		%
Scandium	45-2				109		%
Selenium	77-2	13.53	4.45	0.00	5.99	115.08	ppb
Selenium	78-2	10.08	9.20	10.89	10.06	8.39	ppb
Selenium	82-1	11.27	10.75	10.72	10.91	2.86	ppb
Silicon	28-1	32.20	32.47	36.16	33.61	6.59	ppb
Silver	109-1	2.24	2.24	2.13	2.20	2.89	ppb
Silver	107-1	2.14	2.30	2.17	2.20	3.68	ppb
Sodium	23-2	1033.41	991.43	1020.79	1015.21	2.12	ppb
Strontium	86-1	1.88	2.10	2.01	1.99	5.46	ppb
Strontium	88-1	2.06	2.00	2.08	2.05	2.03	ppb
Sulfur	34-1	-554.41	-448.87	-123.95	-375.74		ppb
Terbium	159-1				99		%
Terbium	159-2				102		%
Thallium	203-1	1.96	1.97	2.05	1.99	2.25	ppb
Thallium	205-1	1.92	1.95	2.05	1.97	3.48	ppb
Tin	118-1	9.84	10.31	10.31	10.15	2.67	ppb
Titanium	47-1	10.09	10.16	9.92	10.06	1.19	ppb
Uranium	238-1	1.89	1.87	1.97	1.91	2.79	ppb
Vanadium	51-2	9.88	9.71	10.10	9.90	2.01	ppb
Yttrium	89-1				101		%
Yttrium	89-2				105		%
Zinc	66-2	3.98	4.01	3.77	3.92	3.35	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	PB113523BS	Instrumnet Name :	P8
Client Sample ID :	PB113523BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 16:39:38	DataFile Name :	025LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.96	2.07	2.08	2.03	3.24	ppb
Zirconium	91-1	1.89	1.95	2.12	1.99	5.95	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5092-04	Instrumnet Name :	P8
Client Sample ID :	MX2E41	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 16:43:03	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.61	-0.66	-0.74	-0.27		ppb
Antimony	121-1	19.45	21.84	19.21	20.17	7.20	ppb
Arsenic	75-2	11.07	11.36	11.30	11.25	1.35	ppb
Barium	135-1	51.86	56.97	49.65	52.83	7.11	ppb
Barium	137-1	51.87	56.38	49.75	52.67	6.43	ppb
Beryllium	9-1	4.20	4.43	4.24	4.29	2.92	ppb
Bismuth	209-1				94		%
Bismuth	209-2				103		%
Boron	10-1	4.89	3.43	3.72	4.01	19.32	ppb
Boron	11-1	4.55	4.16	3.28	4.00	16.30	ppb
Cadmium	111-1	7.19	7.85	6.93	7.32	6.42	ppb
Cadmium	106-1	7.48	6.67	6.67	6.94	6.74	ppb
Cadmium	108-1	7.40	7.12	6.26	6.93	8.53	ppb
Calcium	43-1	709.58	771.11	672.21	717.63	6.96	ppb
Calcium	44-1	691.85	786.64	664.73	714.41	8.96	ppb
Chromium	52-2	-0.03	-0.05	-0.06	-0.05		ppb
Cobalt	59-2	-0.01	-0.01	0.00	-0.01		ppb
Copper	63-2	10.73	11.14	10.41	10.76	3.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				104		%
Indium	115-1				100		%
Indium	115-2				107		%
Iron	56-2	1.54	2.15	1.36	1.68	24.63	ppb
Iron	57-2	1.95	2.05	1.56	1.85	13.95	ppb
Krypton	83-1	365.71	628.11	404.09	465.97	30.41	ppb
Lead	206-1	6.05	6.53	5.61	6.06	7.67	ppb
Lead	207-1	5.82	6.35	5.61	5.93	6.47	ppb
Lead	208-1	5.91	6.48	5.61	6.00	7.42	ppb
Lithium	6-1				101		%
Magnesium	24-2	5.89	6.75	7.65	6.76	13.00	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5092-04	Instrumnet Name :	P8
Client Sample ID :	MX2E41	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 16:43:03	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	14.61	15.46	14.61	14.89	3.30	ppb
Molybdenum	94-1	0.07	0.04	0.07	0.06	32.55	ppb
Molybdenum	95-1	0.03	0.01	0.00	0.01	137.24	ppb
Molybdenum	96-1	0.02	0.05	0.02	0.03	58.01	ppb
Molybdenum	97-1	0.00	-0.01	0.02	0.00	1092.31	ppb
Molybdenum	98-1	0.03	0.02	0.02	0.02	32.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.30	6.79	6.63	6.90	5.09	ppb
Phosphorus	31-2	-13.20	4.84	-13.20	-7.19		ppb
Potassium	39-2	458.66	504.65	451.35	471.55	6.13	ppb
Rhodium	103-1				100		%
Rhodium	103-2				106		%
Scandium	45-1				103		%
Scandium	45-2				113		%
Selenium	77-2	30.42	58.23	38.96	42.54	33.49	ppb
Selenium	78-2	21.81	28.40	25.27	25.16	13.10	ppb
Selenium	82-1	25.49	29.09	25.82	26.80	7.42	ppb
Silicon	28-1	1.94	9.25	-0.46	3.58	141.40	ppb
Silver	109-1	11.57	12.85	11.17	11.87	7.37	ppb
Silver	107-1	11.61	12.61	11.51	11.91	5.10	ppb
Sodium	23-2	740.74	737.15	712.18	730.02	2.13	ppb
Strontium	86-1	-0.06	0.08	0.06	0.03	252.58	ppb
Strontium	88-1	0.03	0.03	0.02	0.03	19.11	ppb
Sulfur	34-1	-504.40	782.48	-984.75	-235.55		ppb
Terbium	159-1				98		%
Terbium	159-2				105		%
Thallium	203-1	4.95	5.56	4.87	5.13	7.36	ppb
Thallium	205-1	5.01	5.65	4.83	5.16	8.30	ppb
Tin	118-1	-0.02	-0.01	-0.02	-0.02		ppb
Titanium	47-1	-0.04	-0.01	0.00	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	-0.01	0.00		ppb
Yttrium	89-1				101		%
Yttrium	89-2				108		%
Zinc	66-2	19.22	18.82	18.80	18.94	1.25	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5092-04	Instrumnet Name :	P8
Client Sample ID :	MX2E41	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 16:43:03	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.02	0.03	0.02	23.77	ppb
Zirconium	91-1	0.03	0.03	0.05	0.04	34.20	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5092-05	Instrumnet Name :	P8
Client Sample ID :	MX2E41D	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 16:46:28	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.40	1.05	-0.99	0.49	265.00	ppb
Antimony	121-1	21.24	20.05	19.72	20.34	3.94	ppb
Arsenic	75-2	11.19	11.31	11.75	11.42	2.56	ppb
Barium	135-1	56.03	50.98	50.43	52.48	5.88	ppb
Barium	137-1	56.13	51.09	49.63	52.28	6.52	ppb
Beryllium	9-1	4.60	4.34	3.97	4.30	7.34	ppb
Bismuth	209-1				94		%
Bismuth	209-2				101		%
Boron	10-1	3.66	1.90	1.94	2.50	40.23	ppb
Boron	11-1	2.89	2.11	2.47	2.49	15.61	ppb
Cadmium	111-1	7.61	7.35	7.10	7.35	3.47	ppb
Cadmium	106-1	7.15	6.99	6.06	6.73	8.68	ppb
Cadmium	108-1	7.28	6.24	6.15	6.56	9.55	ppb
Calcium	43-1	729.08	680.34	654.44	687.95	5.51	ppb
Calcium	44-1	759.44	689.17	668.93	705.84	6.73	ppb
Chromium	52-2	0.00	0.00	0.00	0.00	786.59	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	11.09	11.26	11.29	11.21	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				98		%
Holmium	165-2				103		%
Indium	115-1				100		%
Indium	115-2				106		%
Iron	56-2	1.30	1.37	1.73	1.46	15.69	ppb
Iron	57-2	0.98	0.98	2.81	1.59	66.40	ppb
Krypton	83-1	33.43	132.32	312.00	159.25	88.68	ppb
Lead	206-1	6.62	5.92	5.83	6.12	7.00	ppb
Lead	207-1	6.14	5.92	5.54	5.87	5.18	ppb
Lead	208-1	6.28	5.88	5.72	5.96	4.84	ppb
Lithium	6-1				102		%
Magnesium	24-2	5.80	6.80	8.92	7.18	22.21	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5092-05	Instrumnet Name :	P8
Client Sample ID :	MX2E41D	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 16:46:28	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	15.09	15.11	15.19	15.13	0.34	ppb
Molybdenum	94-1	0.04	0.03	0.04	0.04	11.43	ppb
Molybdenum	95-1	-0.01	-0.01	0.00	-0.01		ppb
Molybdenum	96-1	0.02	0.02	0.00	0.01	98.78	ppb
Molybdenum	97-1	0.02	0.01	0.00	0.01	165.65	ppb
Molybdenum	98-1	0.00	0.01	0.00	0.01	90.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.68	7.38	7.25	7.44	2.94	ppb
Phosphorus	31-2	4.94	-13.20	23.26	5.00	364.68	ppb
Potassium	39-2	509.15	458.02	454.20	473.79	6.48	ppb
Rhodium	103-1				100		%
Rhodium	103-2				104		%
Scandium	45-1				104		%
Scandium	45-2				109		%
Selenium	77-2	35.37	13.20	40.57	29.71	48.92	ppb
Selenium	78-2	25.10	19.20	37.46	27.25	34.20	ppb
Selenium	82-1	28.61	26.29	25.04	26.65	6.81	ppb
Silicon	28-1	7.64	2.12	0.57	3.44	107.94	ppb
Silver	109-1	12.68	11.69	11.27	11.88	6.10	ppb
Silver	107-1	12.59	11.94	11.32	11.95	5.30	ppb
Sodium	23-2	779.93	762.89	782.25	775.02	1.36	ppb
Strontium	86-1	0.07	-0.02	-0.01	0.02	304.28	ppb
Strontium	88-1	0.04	0.03	0.03	0.03	23.57	ppb
Sulfur	34-1	636.35	-424.40	-761.68	-183.24		ppb
Terbium	159-1				98		%
Terbium	159-2				103		%
Thallium	203-1	5.20	5.08	4.86	5.05	3.42	ppb
Thallium	205-1	5.33	5.11	4.89	5.11	4.35	ppb
Tin	118-1	-0.04	-0.03	0.00	-0.02		ppb
Titanium	47-1	0.01	-0.02	0.04	0.01	297.02	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	511.68	ppb
Yttrium	89-1				101		%
Yttrium	89-2				106		%
Zinc	66-2	20.13	21.47	21.64	21.08	3.93	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5092-05	Instrumnet Name :	P8
Client Sample ID :	MX2E41D	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 16:46:28	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.03	0.02	0.01	0.02	44.12	ppb
Zirconium	91-1	0.04	0.03	0.01	0.03	58.78	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5092-04LX5	Instrumnet Name :	P8
Client Sample ID :	MX2E41L	Dilution Factor :	5
Date & Time Acquired ::	2018-10-06 16:49:53	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.63	-0.32	-0.36	-0.02		ppb
Antimony	121-1	3.97	3.97	4.37	4.11	5.66	ppb
Arsenic	75-2	1.76	2.45	2.17	2.12	16.19	ppb
Barium	135-1	10.69	10.34	11.29	10.77	4.46	ppb
Barium	137-1	10.50	10.45	10.93	10.63	2.48	ppb
Beryllium	9-1	0.93	0.85	0.92	0.90	4.91	ppb
Bismuth	209-1				95		%
Bismuth	209-2				103		%
Boron	10-1	2.07	2.78	2.59	2.48	14.75	ppb
Boron	11-1	1.89	2.09	2.30	2.09	9.96	ppb
Cadmium	111-1	1.47	1.52	1.48	1.49	1.78	ppb
Cadmium	106-1	1.48	1.60	1.78	1.62	9.32	ppb
Cadmium	108-1	1.47	1.48	1.50	1.49	0.96	ppb
Calcium	43-1	127.01	130.72	140.15	132.62	5.11	ppb
Calcium	44-1	139.98	137.94	152.20	143.37	5.38	ppb
Chromium	52-2	-0.02	0.03	-0.05	-0.01		ppb
Cobalt	59-2	-0.01	0.00	0.00	0.00		ppb
Copper	63-2	2.22	2.23	2.16	2.20	1.78	ppb
Dysprosium	156-1						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				104		%
Indium	115-1				100		%
Indium	115-2				107		%
Iron	56-2	0.54	0.52	0.51	0.52	2.56	ppb
Iron	57-2	0.22	0.61	0.23	0.35	64.02	ppb
Krypton	83-1	293.69	152.89	455.05	300.54	50.31	ppb
Lead	206-1	1.21	1.21	1.25	1.23	1.94	ppb
Lead	207-1	1.21	1.18	1.27	1.22	3.45	ppb
Lead	208-1	1.17	1.19	1.24	1.20	2.97	ppb
Lithium	6-1				101		%
Magnesium	24-2	4.98	7.04	5.07	5.69	20.43	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5092-04LX5	Instrumnet Name :	P8
Client Sample ID :	MX2E41L	Dilution Factor :	5
Date & Time Acquired ::	2018-10-06 16:49:53	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	3.03	2.89	2.41	2.78	11.70	ppb
Molybdenum	94-1	0.04	0.03	0.03	0.04	14.88	ppb
Molybdenum	95-1	-0.01	-0.01	-0.01	-0.01		ppb
Molybdenum	96-1	-0.01	-0.01	0.00	-0.01		ppb
Molybdenum	97-1	0.02	0.05	0.00	0.02	107.59	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.35	1.40	1.49	1.41	5.01	ppb
Phosphorus	31-2	-13.20	22.98	-13.20	-1.14		ppb
Potassium	39-2	108.06	113.63	131.80	117.83	10.54	ppb
Rhodium	103-1				101		%
Rhodium	103-2				106		%
Scandium	45-1				104		%
Scandium	45-2				111		%
Selenium	77-2	13.11	8.82	4.33	8.75	50.18	ppb
Selenium	78-2	5.42	6.20	1.10	4.24	64.83	ppb
Selenium	82-1	5.39	5.41	6.34	5.71	9.44	ppb
Silicon	28-1	0.23	0.26	3.69	1.39	142.61	ppb
Silver	109-1	2.36	2.43	2.42	2.40	1.61	ppb
Silver	107-1	2.34	2.32	2.44	2.37	2.82	ppb
Sodium	23-2	145.36	160.32	152.70	152.79	4.90	ppb
Strontium	86-1	-0.02	-0.03	-0.02	-0.02		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	17.22	ppb
Sulfur	34-1	-202.73	-108.78	475.12	54.54	673.39	ppb
Terbium	159-1				98		%
Terbium	159-2				104		%
Thallium	203-1	1.00	1.03	1.05	1.03	2.42	ppb
Thallium	205-1	1.04	1.02	1.08	1.04	3.03	ppb
Tin	118-1	-0.06	0.00	0.01	-0.02		ppb
Titanium	47-1	-0.04	0.02	-0.01	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	-0.01	-0.01		ppb
Yttrium	89-1				101		%
Yttrium	89-2				108		%
Zinc	66-2	3.43	3.56	3.85	3.61	5.94	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5092-04LX5	Instrumnet Name :	P8
Client Sample ID :	MX2E41L	Dilution Factor :	5
Date & Time Acquired ::	2018-10-06 16:49:53	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.01	0.02	0.01	50.23	ppb
Zirconium	91-1	0.02	0.04	0.02	0.03	50.16	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5092-16	Instrumnet Name :	P8
Client Sample ID :	MX2E45	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 16:56:43	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	240.69	218.53	229.65	229.62	4.83	ppb
Antimony	121-1	5.80	5.90	5.68	5.79	1.94	ppb
Arsenic	75-2	6.73	6.50	7.30	6.84	5.98	ppb
Barium	135-1	40.78	43.36	42.23	42.12	3.08	ppb
Barium	137-1	41.74	42.75	42.08	42.19	1.23	ppb
Beryllium	9-1	3.59	3.52	3.50	3.54	1.44	ppb
Bismuth	209-1				95		%
Bismuth	209-2				99		%
Boron	10-1	4.77	4.95	4.06	4.59	10.23	ppb
Boron	11-1	3.92	4.55	5.20	4.55	14.07	ppb
Cadmium	111-1	3.69	3.94	3.84	3.82	3.42	ppb
Cadmium	106-1	3.20	3.78	2.58	3.19	18.89	ppb
Cadmium	108-1	3.58	3.66	3.41	3.55	3.69	ppb
Calcium	43-1	216.50	229.44	244.65	230.20	6.12	ppb
Calcium	44-1	229.53	235.58	230.90	232.00	1.37	ppb
Chromium	52-2	7.50	7.16	7.88	7.51	4.78	ppb
Cobalt	59-2	5.26	5.09	5.70	5.35	5.81	ppb
Copper	63-2	7.52	7.25	7.99	7.59	4.88	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				101		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				104		%
Iron	56-2	151.02	147.22	158.94	152.39	3.92	ppb
Iron	57-2	158.41	138.47	164.15	153.68	8.77	ppb
Krypton	83-1	268.26	-113.33	-430.62	-91.89		ppb
Lead	206-1	6.28	6.46	6.23	6.32	1.86	ppb
Lead	207-1	6.01	6.16	5.93	6.03	1.89	ppb
Lead	208-1	6.06	6.27	6.07	6.13	1.95	ppb
Lithium	6-1				107		%
Magnesium	24-2	80.06	66.96	82.30	76.44	10.84	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5092-16	Instrumnet Name :	P8
Client Sample ID :	MX2E45	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 16:56:43	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	6.98	6.47	7.49	6.98	7.30	ppb
Molybdenum	94-1	0.80	0.86	0.90	0.85	5.91	ppb
Molybdenum	95-1	0.04	0.03	0.03	0.03	18.80	ppb
Molybdenum	96-1	0.14	0.15	0.13	0.14	6.95	ppb
Molybdenum	97-1	0.06	0.05	0.03	0.05	37.34	ppb
Molybdenum	98-1	0.03	0.03	0.02	0.03	11.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.64	5.24	5.93	5.60	6.19	ppb
Phosphorus	31-2	-13.20	-13.20	-13.20	-13.20		ppb
Potassium	39-2	118.55	112.68	143.33	124.85	13.03	ppb
Rhodium	103-1				103		%
Rhodium	103-2				104		%
Scandium	45-1				105		%
Scandium	45-2				109		%
Selenium	77-2	17.68	17.53	9.59	14.93	31.01	ppb
Selenium	78-2	17.84	16.24	31.22	21.77	37.80	ppb
Selenium	82-1	18.43	17.74	17.40	17.85	2.94	ppb
Silicon	28-1	205.07	209.82	202.73	205.87	1.75	ppb
Silver	109-1	3.80	4.11	4.09	4.00	4.28	ppb
Silver	107-1	3.93	4.05	4.02	4.00	1.53	ppb
Sodium	23-2	93.22	90.28	108.56	97.35	10.08	ppb
Strontium	86-1	2.22	2.03	2.11	2.12	4.71	ppb
Strontium	88-1	2.06	2.15	2.12	2.11	2.16	ppb
Sulfur	34-1	-1429.96	-1055.66	-1435.15	-1306.92		ppb
Terbium	159-1				101		%
Terbium	159-2				103		%
Thallium	203-1	3.25	3.25	3.33	3.28	1.52	ppb
Thallium	205-1	3.17	3.38	3.26	3.27	3.18	ppb
Tin	118-1	0.16	0.18	0.16	0.16	6.11	ppb
Titanium	47-1	2.22	2.11	2.31	2.21	4.53	ppb
Uranium	238-1	0.03	0.03	0.04	0.03	2.83	ppb
Vanadium	51-2	17.76	16.80	18.36	17.64	4.47	ppb
Yttrium	89-1				104		%
Yttrium	89-2				104		%
Zinc	66-2	21.81	19.91	24.35	22.02	10.12	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5092-16	Instrumnet Name :	P8
Client Sample ID :	MX2E45	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 16:56:43	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.50	0.52	0.54	0.52	3.55	ppb
Zirconium	91-1	0.51	0.53	0.55	0.53	3.33	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5092-17	Instrumnet Name :	P8
Client Sample ID :	MX2E45D	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 17:00:07	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	214.76	235.10	201.86	217.24	7.71	ppb
Antimony	121-1	5.27	5.71	5.44	5.47	4.03	ppb
Arsenic	75-2	6.84	7.01	6.93	6.93	1.22	ppb
Barium	135-1	41.73	42.23	41.38	41.78	1.02	ppb
Barium	137-1	40.94	43.49	41.81	42.08	3.08	ppb
Beryllium	9-1	3.34	3.65	3.50	3.49	4.41	ppb
Bismuth	209-1				95		%
Bismuth	209-2				100		%
Boron	10-1	4.17	5.54	4.35	4.69	15.89	ppb
Boron	11-1	4.04	4.15	4.30	4.16	3.10	ppb
Cadmium	111-1	3.74	3.95	3.62	3.77	4.41	ppb
Cadmium	106-1	3.96	2.64	3.91	3.50	21.38	ppb
Cadmium	108-1	2.91	3.66	2.87	3.15	14.01	ppb
Calcium	43-1	207.38	244.35	236.33	229.35	8.48	ppb
Calcium	44-1	226.30	236.03	226.74	229.69	2.39	ppb
Chromium	52-2	7.15	7.12	7.42	7.23	2.31	ppb
Cobalt	59-2	5.30	5.39	5.29	5.33	1.04	ppb
Copper	63-2	7.64	7.84	7.55	7.68	1.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				105		%
Iron	56-2	150.43	154.29	153.08	152.60	1.29	ppb
Iron	57-2	145.65	148.00	142.17	145.27	2.02	ppb
Krypton	83-1	892.83	455.52	-274.25	358.03	164.68	ppb
Lead	206-1	6.04	6.40	6.22	6.22	2.88	ppb
Lead	207-1	5.68	6.26	5.86	5.94	5.03	ppb
Lead	208-1	5.93	6.31	5.98	6.07	3.37	ppb
Lithium	6-1				104		%
Magnesium	24-2	75.65	82.69	85.82	81.39	6.40	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5092-17	Instrumnet Name :	P8
Client Sample ID :	MX2E45D	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 17:00:07	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.07	7.61	7.02	7.23	4.51	ppb
Molybdenum	94-1	0.91	0.85	0.86	0.87	3.91	ppb
Molybdenum	95-1	0.03	0.04	0.02	0.03	37.30	ppb
Molybdenum	96-1	0.12	0.16	0.17	0.15	19.77	ppb
Molybdenum	97-1	0.06	0.07	0.04	0.05	27.16	ppb
Molybdenum	98-1	0.02	0.03	0.02	0.02	21.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.88	5.72	5.56	5.72	2.85	ppb
Phosphorus	31-2	5.13	-13.20	24.48	5.47	344.50	ppb
Potassium	39-2	100.14	123.82	127.71	117.22	12.73	ppb
Rhodium	103-1				102		%
Rhodium	103-2				104		%
Scandium	45-1				104		%
Scandium	45-2				107		%
Selenium	77-2	22.36	30.97	13.63	22.32	38.85	ppb
Selenium	78-2	19.52	12.04	7.91	13.16	44.71	ppb
Selenium	82-1	19.71	19.91	17.47	19.03	7.13	ppb
Silicon	28-1	202.21	216.32	200.46	206.33	4.22	ppb
Silver	109-1	3.88	4.20	4.01	4.03	4.01	ppb
Silver	107-1	3.81	4.22	4.10	4.04	5.23	ppb
Sodium	23-2	101.77	105.77	111.32	106.28	4.51	ppb
Strontium	86-1	2.00	2.42	1.97	2.13	11.83	ppb
Strontium	88-1	2.05	2.21	2.14	2.13	3.77	ppb
Sulfur	34-1	-1373.87	-767.24	-1251.00	-1130.70		ppb
Terbium	159-1				100		%
Terbium	159-2				103		%
Thallium	203-1	3.09	3.44	3.29	3.27	5.40	ppb
Thallium	205-1	3.14	3.45	3.36	3.32	4.87	ppb
Tin	118-1	0.21	0.18	0.16	0.18	14.17	ppb
Titanium	47-1	2.00	2.46	2.34	2.27	10.52	ppb
Uranium	238-1	0.03	0.03	0.04	0.03	13.71	ppb
Vanadium	51-2	17.61	18.47	17.87	17.98	2.47	ppb
Yttrium	89-1				102		%
Yttrium	89-2				105		%
Zinc	66-2	21.75	21.52	22.39	21.89	2.04	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5092-17	Instrumnet Name :	P8
Client Sample ID :	MX2E45D	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 17:00:07	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.52	0.60	0.57	0.56	7.17	ppb
Zirconium	91-1	0.58	0.54	0.52	0.55	5.25	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5092-16LX5	Instrumnet Name :	P8
Client Sample ID :	MX2E45L	Dilution Factor :	5
Date & Time Acquired ::	2018-10-06 17:03:32	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	44.45	48.87	43.19	45.50	6.55	ppb
Antimony	121-1	1.13	1.18	1.17	1.16	2.34	ppb
Arsenic	75-2	1.28	1.29	1.32	1.30	1.57	ppb
Barium	135-1	8.72	8.62	8.21	8.52	3.20	ppb
Barium	137-1	8.47	8.27	8.28	8.34	1.37	ppb
Beryllium	9-1	0.75	0.57	0.79	0.70	16.46	ppb
Bismuth	209-1				96		%
Bismuth	209-2				101		%
Boron	10-1	1.39	2.31	2.12	1.94	25.02	ppb
Boron	11-1	1.74	1.21	1.56	1.50	17.82	ppb
Cadmium	111-1	0.72	0.78	0.75	0.75	3.54	ppb
Cadmium	106-1	0.53	1.43	1.01	0.99	45.07	ppb
Cadmium	108-1	0.58	0.63	0.86	0.69	21.24	ppb
Calcium	43-1	42.80	50.10	49.09	47.33	8.35	ppb
Calcium	44-1	49.47	49.28	46.08	48.28	3.95	ppb
Chromium	52-2	1.35	1.58	1.33	1.42	9.69	ppb
Cobalt	59-2	1.10	1.06	1.13	1.10	3.36	ppb
Copper	63-2	1.60	1.52	1.58	1.57	2.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				103		%
Indium	115-1				100		%
Indium	115-2				105		%
Iron	56-2	29.53	31.29	31.62	30.82	3.66	ppb
Iron	57-2	32.10	26.20	29.50	29.27	10.09	ppb
Krypton	83-1	286.39	-412.21	316.43	63.54	648.90	ppb
Lead	206-1	1.38	1.46	1.36	1.40	3.81	ppb
Lead	207-1	1.37	1.31	1.34	1.34	2.27	ppb
Lead	208-1	1.38	1.37	1.33	1.36	1.94	ppb
Lithium	6-1				102		%
Magnesium	24-2	21.40	24.07	17.52	21.00	15.69	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5092-16LX5	Instrumnet Name :	P8
Client Sample ID :	MX2E45L	Dilution Factor :	5
Date & Time Acquired ::	2018-10-06 17:03:32	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.20	1.35	1.50	1.35	10.78	ppb
Molybdenum	94-1	0.18	0.19	0.25	0.21	17.81	ppb
Molybdenum	95-1	-0.01	0.00	-0.02	-0.01		ppb
Molybdenum	96-1	0.03	0.01	0.02	0.02	63.40	ppb
Molybdenum	97-1	-0.02	-0.01	0.00	-0.01		ppb
Molybdenum	98-1	0.00	-0.01	-0.01	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.15	1.09	0.94	1.06	10.56	ppb
Phosphorus	31-2	-13.20	-13.20	5.35	-7.02		ppb
Potassium	39-2	22.20	34.75	38.04	31.66	26.40	ppb
Rhodium	103-1				102		%
Rhodium	103-2				104		%
Scandium	45-1				103		%
Scandium	45-2				107		%
Selenium	77-2	4.45	0.00	8.95	4.47	100.17	ppb
Selenium	78-2	2.62	3.45	4.84	3.64	30.77	ppb
Selenium	82-1	3.75	2.80	3.49	3.35	14.73	ppb
Silicon	28-1	40.53	41.29	38.22	40.01	3.99	ppb
Silver	109-1	0.88	0.88	0.84	0.87	2.57	ppb
Silver	107-1	0.88	0.84	0.84	0.85	2.25	ppb
Sodium	23-2	45.07	43.33	33.52	40.64	15.32	ppb
Strontium	86-1	0.46	0.43	0.40	0.43	6.31	ppb
Strontium	88-1	0.41	0.46	0.41	0.43	5.58	ppb
Sulfur	34-1	-733.08	-605.00	-940.29	-759.46		ppb
Terbium	159-1				99		%
Terbium	159-2				103		%
Thallium	203-1	0.71	0.67	0.61	0.67	7.93	ppb
Thallium	205-1	0.70	0.66	0.62	0.66	5.36	ppb
Tin	118-1	0.03	0.02	0.01	0.02	50.78	ppb
Titanium	47-1	0.36	0.49	0.42	0.42	16.24	ppb
Uranium	238-1	0.01	0.00	0.01	0.01	26.61	ppb
Vanadium	51-2	3.51	3.55	3.81	3.62	4.51	ppb
Yttrium	89-1				101		%
Yttrium	89-2				105		%
Zinc	66-2	3.73	4.10	3.92	3.92	4.73	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5092-16LX5	Instrumnet Name :	P8
Client Sample ID :	MX2E45L	Dilution Factor :	5
Date & Time Acquired ::	2018-10-06 17:03:32	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.11	0.13	0.12	0.12	8.50	ppb
Zirconium	91-1	0.15	0.11	0.14	0.13	14.92	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5092-06	Instrumnet Name :	P8
Client Sample ID :	MX2E41S	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 17:10:27	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1861.62	1711.72	1776.27	1783.20	4.22	ppb
Antimony	121-1	111.58	114.53	112.44	112.85	1.34	ppb
Arsenic	75-2	52.21	47.10	49.16	49.49	5.19	ppb
Barium	135-1	1968.24	2011.78	1989.71	1989.91	1.09	ppb
Barium	137-1	1934.21	1985.85	1957.16	1959.07	1.32	ppb
Beryllium	9-1	50.19	50.60	49.64	50.14	0.96	ppb
Bismuth	209-1				98		%
Bismuth	209-2				99		%
Boron	10-1	1.19	1.07	0.59	0.95	33.65	ppb
Boron	11-1	0.33	0.58	0.36	0.42	32.11	ppb
Cadmium	111-1	55.02	55.74	55.86	55.54	0.82	ppb
Cadmium	106-1	48.76	49.24	46.08	48.03	3.54	ppb
Cadmium	108-1	51.80	52.40	52.69	52.30	0.87	ppb
Calcium	43-1	653.11	706.23	654.45	671.26	4.51	ppb
Calcium	44-1	676.55	697.84	693.73	689.37	1.64	ppb
Chromium	52-2	202.70	181.66	190.24	191.53	5.52	ppb
Cobalt	59-2	514.04	461.56	481.11	485.57	5.46	ppb
Copper	63-2	269.56	243.05	252.37	254.99	5.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	1018.94	918.31	957.69	964.98	5.26	ppb
Iron	57-2	1008.25	937.43	928.51	958.06	4.56	ppb
Krypton	83-1	351.22	187.87	125.71	221.60	52.56	ppb
Lead	206-1	24.47	25.49	25.08	25.01	2.05	ppb
Lead	207-1	24.08	25.25	24.90	24.74	2.43	ppb
Lead	208-1	24.09	25.15	24.80	24.68	2.18	ppb
Lithium	6-1				102		%
Magnesium	24-2	5.08	7.97	7.20	6.75	22.16	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5092-06	Instrumnet Name :	P8
Client Sample ID :	MX2E41S	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 17:10:27	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	510.41	459.08	475.94	481.81	5.43	ppb
Molybdenum	94-1	0.11	0.14	0.12	0.13	12.34	ppb
Molybdenum	95-1	0.03	0.03	0.05	0.04	27.77	ppb
Molybdenum	96-1	0.05	0.08	0.08	0.07	28.95	ppb
Molybdenum	97-1	0.07	0.05	0.04	0.05	25.05	ppb
Molybdenum	98-1	0.05	0.05	0.06	0.05	16.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	531.37	476.19	495.69	501.08	5.58	ppb
Phosphorus	31-2	-13.20	61.44	-13.20	11.68	368.86	ppb
Potassium	39-2	500.29	435.05	440.19	458.51	7.91	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	77-2	160.81	140.70	144.24	148.58	7.23	ppb
Selenium	78-2	147.83	124.94	137.27	136.68	8.38	ppb
Selenium	82-1	146.48	147.31	144.06	145.95	1.16	ppb
Silicon	28-1	-0.90	3.72	0.53	1.12	211.61	ppb
Silver	109-1	58.02	58.43	58.35	58.27	0.37	ppb
Silver	107-1	57.49	58.19	58.37	58.02	0.80	ppb
Sodium	23-2	820.92	734.75	764.20	773.29	5.66	ppb
Strontium	86-1	0.06	0.09	0.04	0.06	40.56	ppb
Strontium	88-1	0.08	0.07	0.08	0.08	5.83	ppb
Sulfur	34-1	-1911.66	-1649.23	-1826.60	-1795.83		ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	50.48	52.26	51.89	51.54	1.83	ppb
Thallium	205-1	51.25	53.59	52.50	52.44	2.24	ppb
Tin	118-1	-0.05	-0.02	-0.03	-0.03		ppb
Titanium	47-1	0.00	0.05	0.02	0.02	112.79	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	507.36	451.66	473.28	477.43	5.88	ppb
Yttrium	89-1				101		%
Yttrium	89-2				101		%
Zinc	66-2	531.63	472.05	500.19	501.29	5.95	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5092-06	Instrumnet Name :	P8
Client Sample ID :	MX2E41S	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 17:10:27	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.08	0.07	0.07	0.07	3.98	ppb
Zirconium	91-1	0.10	0.11	0.10	0.10	7.83	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5092-18	Instrumnet Name :	P8
Client Sample ID :	MX2E45S	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 17:15:12	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2025.00	2042.76	2043.20	2036.99	0.51	ppb
Antimony	121-1	98.93	96.53	97.00	97.49	1.31	ppb
Arsenic	75-2	47.64	46.23	43.79	45.89	4.25	ppb
Barium	135-1	2008.39	1971.94	1959.31	1979.88	1.29	ppb
Barium	137-1	2004.65	1941.43	1958.53	1968.20	1.66	ppb
Beryllium	9-1	51.01	48.56	49.39	49.65	2.51	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Boron	10-1	2.49	3.71	3.68	3.29	21.24	ppb
Boron	11-1	3.29	2.76	2.94	3.00	9.05	ppb
Cadmium	111-1	52.83	52.28	51.69	52.26	1.10	ppb
Cadmium	106-1	45.91	47.37	40.71	44.66	7.84	ppb
Cadmium	108-1	51.72	47.51	50.67	49.97	4.39	ppb
Calcium	43-1	240.42	223.24	207.22	223.63	7.43	ppb
Calcium	44-1	237.72	226.00	230.14	231.29	2.57	ppb
Chromium	52-2	204.63	204.69	197.86	202.39	1.94	ppb
Cobalt	59-2	508.94	501.80	489.29	500.01	1.99	ppb
Copper	63-2	262.03	259.15	252.79	257.99	1.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	56-2	1156.94	1141.63	1106.56	1135.04	2.28	ppb
Iron	57-2	1162.73	1120.89	1107.66	1130.43	2.54	ppb
Krypton	83-1	-271.15	214.34	681.13	208.11	228.81	ppb
Lead	206-1	25.35	24.72	24.92	25.00	1.29	ppb
Lead	207-1	24.76	24.06	24.48	24.43	1.44	ppb
Lead	208-1	24.80	24.07	24.55	24.47	1.52	ppb
Lithium	6-1				106		%
Magnesium	24-2	81.60	74.90	74.23	76.91	5.30	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5092-18	Instrumnet Name :	P8
Client Sample ID :	MX2E45S	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 17:15:12	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	490.09	484.48	474.75	483.11	1.61	ppb
Molybdenum	94-1	1.06	0.87	0.95	0.96	10.08	ppb
Molybdenum	95-1	0.06	0.08	0.07	0.07	19.98	ppb
Molybdenum	96-1	0.21	0.23	0.21	0.22	6.64	ppb
Molybdenum	97-1	0.08	0.08	0.07	0.08	10.23	ppb
Molybdenum	98-1	0.08	0.09	0.11	0.09	13.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	516.57	510.80	501.76	509.71	1.46	ppb
Phosphorus	31-2	6.78	-13.20	6.09	-0.11		ppb
Potassium	39-2	102.86	105.52	100.17	102.85	2.60	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				104		%
Scandium	45-2				101		%
Selenium	77-2	173.63	158.46	132.52	154.87	13.43	ppb
Selenium	78-2	158.06	139.04	128.80	141.97	10.46	ppb
Selenium	82-1	144.22	137.94	142.65	141.60	2.31	ppb
Silicon	28-1	202.31	193.66	200.37	198.78	2.28	ppb
Silver	109-1	51.56	50.00	50.22	50.59	1.67	ppb
Silver	107-1	51.57	49.90	51.16	50.88	1.71	ppb
Sodium	23-2	112.05	110.83	115.75	112.88	2.27	ppb
Strontium	86-1	2.22	1.88	2.08	2.06	8.47	ppb
Strontium	88-1	2.12	2.13	2.16	2.14	1.18	ppb
Sulfur	34-1	-2032.85	-2404.18	-2212.71	-2216.58		ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	50.51	49.09	49.41	49.67	1.50	ppb
Thallium	205-1	51.42	49.03	50.21	50.22	2.38	ppb
Tin	118-1	0.17	0.14	0.12	0.14	19.14	ppb
Titanium	47-1	2.44	2.39	2.12	2.32	7.39	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	4.83	ppb
Vanadium	51-2	509.51	505.15	489.55	501.40	2.09	ppb
Yttrium	89-1				103		%
Yttrium	89-2				103		%
Zinc	66-2	518.22	521.75	501.14	513.70	2.15	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5092-18	Instrumnet Name :	P8
Client Sample ID :	MX2E45S	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 17:15:12	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.55	0.57	0.56	0.56	2.51	ppb
Zirconium	91-1	0.58	0.56	0.57	0.57	2.44	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	CCV83	Instrumnet Name :	P8
Client Sample ID :	CCV83	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 17:22:18	DataFile Name :	036CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51352.73	52155.35	50366.99	51291.69	1.75	ppb
Antimony	121-1	509.52	503.04	506.94	506.50	0.64	ppb
Arsenic	75-2	515.69	512.02	519.39	515.70	0.71	ppb
Barium	135-1	2595.07	2538.28	2573.92	2569.09	1.12	ppb
Barium	137-1	2561.67	2542.53	2527.46	2543.89	0.67	ppb
Beryllium	9-1	512.40	508.75	517.72	512.96	0.88	ppb
Bismuth	209-1				95		%
Bismuth	209-2				93		%
Boron	10-1	504.46	517.36	523.68	515.17	1.90	ppb
Boron	11-1	498.16	511.25	524.01	511.14	2.53	ppb
Cadmium	111-1	489.35	484.63	491.97	488.65	0.76	ppb
Cadmium	106-1	506.02	482.99	499.86	496.29	2.40	ppb
Cadmium	108-1	491.70	495.87	500.68	496.09	0.91	ppb
Calcium	43-1	235437.99	235032.14	235546.34	235338.82	0.12	ppb
Calcium	44-1	232553.24	234081.08	235729.98	234121.44	0.68	ppb
Chromium	52-2	525.92	530.25	514.66	523.61	1.54	ppb
Cobalt	59-2	501.94	503.64	489.02	498.20	1.61	ppb
Copper	63-2	977.51	978.83	955.46	970.60	1.35	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				102		%
Holmium	165-2				100		%
Indium	115-1				96		%
Indium	115-2				94		%
Iron	56-2	126762.49	126681.58	122006.94	125150.34	2.18	ppb
Iron	57-2	126450.48	127485.77	123631.49	125855.92	1.58	ppb
Krypton	83-1	-412.91	-364.70	30.84	-248.92		ppb
Lead	206-1	517.88	505.21	514.73	512.61	1.29	ppb
Lead	207-1	523.94	510.59	517.62	517.38	1.29	ppb
Lead	208-1	517.55	505.48	514.87	512.63	1.24	ppb
Lithium	6-1				97		%
Magnesium	24-2	246638.76	247878.39	240830.47	245115.87	1.54	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	CCV83	Instrumnet Name :	P8
Client Sample ID :	CCV83	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 17:22:18	DataFile Name :	036CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1018.10	1023.32	985.99	1009.14	2.00	ppb
Molybdenum	94-1	2519.00	2530.07	2482.46	2510.51	0.99	ppb
Molybdenum	95-1	2496.46	2527.59	2501.70	2508.58	0.66	ppb
Molybdenum	96-1	2525.36	2527.37	2506.45	2519.73	0.46	ppb
Molybdenum	97-1	2528.85	2513.03	2506.63	2516.17	0.45	ppb
Molybdenum	98-1	2526.76	2507.48	2500.88	2511.71	0.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	509.97	516.80	498.69	508.49	1.80	ppb
Phosphorus	31-2	11509.44	11444.92	10046.93	11000.43	7.51	ppb
Potassium	39-2	127006.20	126509.71	120792.52	124769.48	2.77	ppb
Rhodium	103-1				94		%
Rhodium	103-2				93		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	77-2	389.47	538.11	472.71	466.76	15.96	ppb
Selenium	78-2	460.95	493.43	521.64	492.01	6.17	ppb
Selenium	82-1	501.00	498.58	496.37	498.65	0.46	ppb
Silicon	28-1	531.67	537.91	538.03	535.87	0.68	ppb
Silver	109-1	506.18	499.13	506.31	503.87	0.82	ppb
Silver	107-1	509.89	496.03	505.61	503.84	1.41	ppb
Sodium	23-2	248279.35	247345.58	242291.63	245972.18	1.31	ppb
Strontium	86-1	502.20	492.77	497.40	497.46	0.95	ppb
Strontium	88-1	507.43	501.85	503.75	504.34	0.56	ppb
Sulfur	34-1	9469.82	9434.39	9477.63	9460.61	0.24	ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	515.52	506.78	511.62	511.31	0.86	ppb
Thallium	205-1	514.45	502.65	508.01	508.37	1.16	ppb
Tin	118-1	513.05	508.03	510.57	510.55	0.49	ppb
Titanium	47-1	2526.90	2543.47	2554.65	2541.67	0.55	ppb
Uranium	238-1	515.08	506.18	514.12	511.79	0.95	ppb
Vanadium	51-2	513.18	517.58	499.67	510.14	1.83	ppb
Yttrium	89-1				101		%
Yttrium	89-2				97		%
Zinc	66-2	999.76	988.21	969.98	985.98	1.52	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	CCV83	Instrumnet Name :	P8
Client Sample ID :	CCV83	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 17:22:18	DataFile Name :	036CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	509.66	509.65	500.61	506.64	1.03	ppb
Zirconium	91-1	502.62	507.83	509.05	506.50	0.67	ppb

LB Number : LB98428 Operator : Jaswal
 Lab Sample ID : CCB83 Instrumnet Name : P8
 Client Sample ID : CCB83 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-06 17:29:31 DataFile Name : 037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.60	0.28	-0.90	-0.41		ppb
Antimony	121-1	0.33	0.31	0.31	0.31	3.07	ppb
Arsenic	75-2	0.07	-0.02	0.02	0.02	195.32	ppb
Barium	135-1	0.01	0.00	0.02	0.01	85.69	ppb
Barium	137-1	0.01	0.02	0.02	0.01	46.16	ppb
Beryllium	9-1	0.14	0.08	0.06	0.10	44.10	ppb
Bismuth	209-1				101		%
Bismuth	209-2				103		%
Boron	10-1	4.01	4.68	2.74	3.81	25.92	ppb
Boron	11-1	4.29	3.62	3.57	3.83	10.49	ppb
Cadmium	111-1	0.00	0.02	0.02	0.01	100.73	ppb
Cadmium	106-1	-0.17	0.19	-0.07	-0.02		ppb
Cadmium	108-1	-0.02	0.01	-0.02	-0.01		ppb
Calcium	43-1	5.40	-2.66	-1.08	0.55	772.60	ppb
Calcium	44-1	1.41	0.59	2.08	1.36	54.88	ppb
Chromium	52-2	0.04	0.08	-0.09	0.01	839.09	ppb
Cobalt	59-2	0.01	0.00	0.00	0.00	570.61	ppb
Copper	63-2	0.04	0.06	0.07	0.06	29.24	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				103		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				103		%
Iron	56-2	1.19	1.16	1.39	1.25	9.98	ppb
Iron	57-2	5.91	0.81	3.07	3.26	78.44	ppb
Krypton	83-1	879.57	266.79	1183.06	776.47	60.11	ppb
Lead	206-1	0.06	0.06	0.06	0.06	7.28	ppb
Lead	207-1	0.06	0.06	0.05	0.06	6.48	ppb
Lead	208-1	0.06	0.06	0.06	0.06	6.06	ppb
Lithium	6-1				101		%
Magnesium	24-2	5.13	5.30	3.33	4.59	23.73	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	CCB83	Instrumnet Name :	P8
Client Sample ID :	CCB83	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 17:29:31	DataFile Name :	037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.01	0.04	0.00	0.01	251.63	ppb
Molybdenum	94-1	0.22	0.22	0.25	0.23	5.94	ppb
Molybdenum	95-1	0.19	0.18	0.16	0.18	7.99	ppb
Molybdenum	96-1	0.21	0.22	0.21	0.21	2.98	ppb
Molybdenum	97-1	0.22	0.19	0.22	0.21	8.61	ppb
Molybdenum	98-1	0.20	0.19	0.16	0.18	12.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.14	0.09	0.08	76.49	ppb
Phosphorus	31-2	-13.20	-13.20	-13.20	-13.20		ppb
Potassium	39-2	6.33	6.36	0.93	4.54	68.81	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				101		%
Scandium	45-2				102		%
Selenium	77-2	0.00	4.69	0.00	1.56	173.21	ppb
Selenium	78-2	0.45	-1.04	-1.04	-0.54		ppb
Selenium	82-1	0.19	0.48	0.73	0.46	58.07	ppb
Silicon	28-1	-2.40	-2.56	-3.72	-2.89		ppb
Silver	109-1	0.02	0.02	0.03	0.02	9.61	ppb
Silver	107-1	0.03	0.03	0.02	0.02	22.92	ppb
Sodium	23-2	18.91	21.14	14.98	18.34	17.03	ppb
Strontium	86-1	0.05	-0.02	0.01	0.01	317.22	ppb
Strontium	88-1	0.01	0.00	0.00	0.00	27.03	ppb
Sulfur	34-1	-895.73	-791.77	-1091.01	-926.17		ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	0.04	0.04	0.04	0.04	5.35	ppb
Thallium	205-1	0.06	0.06	0.04	0.05	21.76	ppb
Tin	118-1	0.07	0.08	0.06	0.07	11.13	ppb
Titanium	47-1	-0.03	-0.01	0.00	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	53.73	ppb
Vanadium	51-2	0.00	-0.01	-0.01	0.00		ppb
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	-0.04	0.27	0.13	0.12	128.17	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	CCB83	Instrumnet Name :	P8
Client Sample ID :	CCB83	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 17:29:31	DataFile Name :	037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.06	0.08	0.05	0.06	19.24	ppb
Zirconium	91-1	0.08	0.07	0.09	0.08	12.63	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	PB113570BL	Instrumnet Name :	P8
Client Sample ID :	PB113570BL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 17:38:29	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.25	-0.60	-0.58	0.02	4640.82	ppb
Antimony	121-1	0.09	0.06	0.06	0.07	26.64	ppb
Arsenic	75-2	-0.05	0.00	-0.04	-0.03		ppb
Barium	135-1	0.00	0.02	0.00	0.01	181.55	ppb
Barium	137-1	0.02	0.02	0.01	0.02	33.39	ppb
Beryllium	9-1	0.06	0.04	0.05	0.05	20.59	ppb
Bismuth	209-1				98		%
Bismuth	209-2				102		%
Boron	10-1	0.50	0.67	1.03	0.73	37.17	ppb
Boron	11-1	0.64	0.66	0.45	0.58	20.07	ppb
Cadmium	111-1	-0.04	0.03	-0.04	-0.02		ppb
Cadmium	106-1	-0.51	0.25	-0.68	-0.31		ppb
Cadmium	108-1	-0.02	-0.02	0.01	-0.01		ppb
Calcium	43-1	0.55	-4.10	0.34	-1.07		ppb
Calcium	44-1	0.50	-1.10	0.41	-0.06		ppb
Chromium	52-2	0.02	-0.04	-0.01	-0.01		ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	1013.63	ppb
Copper	63-2	0.03	0.03	0.04	0.03	22.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				103		%
Indium	115-1				100		%
Indium	115-2				103		%
Iron	56-2	0.69	0.65	0.66	0.67	3.19	ppb
Iron	57-2	1.87	1.05	-0.43	0.83	140.82	ppb
Krypton	83-1	-248.74	-155.02	-577.40	-327.05		ppb
Lead	206-1	0.05	0.04	0.04	0.04	15.52	ppb
Lead	207-1	0.03	0.02	0.01	0.02	46.46	ppb
Lead	208-1	0.04	0.03	0.03	0.03	6.16	ppb
Lithium	6-1				101		%
Magnesium	24-2	7.79	5.10	9.78	7.55	31.06	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	PB113570BL	Instrumnet Name :	P8
Client Sample ID :	PB113570BL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 17:38:29	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.06	0.02	0.03	0.04	57.77	ppb
Molybdenum	94-1	0.07	0.08	0.09	0.08	9.62	ppb
Molybdenum	95-1	0.01	0.03	0.00	0.02	110.42	ppb
Molybdenum	96-1	0.05	0.06	0.01	0.04	57.50	ppb
Molybdenum	97-1	0.07	0.05	0.05	0.06	24.14	ppb
Molybdenum	98-1	0.03	0.04	0.03	0.03	18.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.03	-0.08	-0.01		ppb
Phosphorus	31-2	-13.20	5.48	-13.20	-6.97		ppb
Potassium	39-2	7.41	-3.28	1.75	1.96	272.96	ppb
Rhodium	103-1				101		%
Rhodium	103-2				103		%
Scandium	45-1				101		%
Scandium	45-2				105		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.94	-1.04	-1.04	-0.04		ppb
Selenium	82-1	-0.28	0.08	-0.47	-0.22		ppb
Silicon	28-1	-0.67	-3.99	-3.73	-2.80		ppb
Silver	109-1	0.01	0.03	0.01	0.02	70.60	ppb
Silver	107-1	0.02	0.02	0.02	0.02	12.62	ppb
Sodium	23-2	8.32	-0.27	-0.39	2.55	195.65	ppb
Strontium	86-1	-0.01	-0.04	-0.04	-0.03		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-268.23	-966.91	-885.59	-706.91		ppb
Terbium	159-1				99		%
Terbium	159-2				102		%
Thallium	203-1	0.03	0.03	0.03	0.03	12.00	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	13.66	ppb
Tin	118-1	0.02	0.01	0.00	0.01	111.07	ppb
Titanium	47-1	-0.07	-0.03	-0.03	-0.04		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.01	-0.01	0.00	1000.86	ppb
Yttrium	89-1				100		%
Yttrium	89-2				103		%
Zinc	66-2	-0.27	-0.23	0.01	-0.16		ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	PB113570BL	Instrumnet Name :	P8
Client Sample ID :	PB113570BL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 17:38:29	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.03	0.04	0.04	0.04	7.09	ppb
Zirconium	91-1	0.08	0.08	0.04	0.07	35.83	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	PB113570BS	Instrumnet Name :	P8
Client Sample ID :	PB113570BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 17:41:54	DataFile Name :	039LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9705.34	9499.90	9948.14	9717.79	2.31	ppb
Antimony	121-1	521.18	515.58	504.44	513.73	1.66	ppb
Arsenic	75-2	507.38	497.94	515.00	506.78	1.69	ppb
Barium	135-1	2617.50	2551.93	2512.97	2560.80	2.06	ppb
Barium	137-1	2570.84	2558.11	2515.53	2548.16	1.14	ppb
Beryllium	9-1	520.03	499.94	503.30	507.76	2.12	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Boron	10-1	487.18	489.72	513.93	496.94	2.97	ppb
Boron	11-1	489.35	485.36	500.58	491.76	1.60	ppb
Cadmium	111-1	518.42	504.03	495.87	506.11	2.26	ppb
Cadmium	106-1	518.94	513.70	511.98	514.87	0.70	ppb
Cadmium	108-1	516.86	513.90	508.83	513.20	0.79	ppb
Calcium	43-1	48656.23	48280.01	47401.98	48112.74	1.34	ppb
Calcium	44-1	48618.91	48143.57	46996.40	47919.63	1.74	ppb
Chromium	52-2	501.14	493.43	518.97	504.51	2.60	ppb
Cobalt	59-2	496.74	485.01	512.90	498.22	2.81	ppb
Copper	63-2	1017.22	985.59	1041.28	1014.70	2.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				103		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	25250.32	24864.47	26202.68	25439.16	2.71	ppb
Iron	57-2	24916.24	24476.20	25839.43	25077.29	2.77	ppb
Krypton	83-1	-174.72	365.54	404.86	198.56	163.11	ppb
Lead	206-1	507.51	509.14	494.93	503.86	1.54	ppb
Lead	207-1	509.08	505.29	493.50	502.62	1.62	ppb
Lead	208-1	506.21	502.73	492.21	500.38	1.46	ppb
Lithium	6-1				99		%
Magnesium	24-2	51997.24	49968.69	53583.42	51849.78	3.49	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	PB113570BS	Instrumnet Name :	P8
Client Sample ID :	PB113570BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 17:41:54	DataFile Name :	039LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	996.68	977.45	1030.80	1001.64	2.70	ppb
Molybdenum	94-1	2586.68	2498.35	2465.81	2516.95	2.48	ppb
Molybdenum	95-1	2564.88	2490.70	2429.29	2494.96	2.72	ppb
Molybdenum	96-1	2577.84	2477.29	2459.57	2504.90	2.55	ppb
Molybdenum	97-1	2570.43	2498.39	2445.46	2504.76	2.50	ppb
Molybdenum	98-1	2571.61	2511.68	2450.25	2511.18	2.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	499.11	487.60	518.53	501.75	3.12	ppb
Phosphorus	31-2	10095.28	9701.70	10030.86	9942.61	2.12	ppb
Potassium	39-2	24716.87	23846.09	25231.76	24598.24	2.85	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	77-2	491.83	453.65	590.77	512.08	13.82	ppb
Selenium	78-2	476.04	506.24	510.72	497.67	3.79	ppb
Selenium	82-1	522.42	505.81	497.40	508.54	2.50	ppb
Silicon	28-1	523.36	528.60	510.62	520.86	1.77	ppb
Silver	109-1	536.40	519.37	512.25	522.67	2.37	ppb
Silver	107-1	537.44	518.04	515.80	523.76	2.27	ppb
Sodium	23-2	50934.83	49844.87	52626.81	51135.50	2.74	ppb
Strontium	86-1	513.83	495.88	490.82	500.18	2.42	ppb
Strontium	88-1	524.31	506.23	496.53	509.03	2.77	ppb
Sulfur	34-1	9632.75	9382.68	8670.27	9228.57	5.41	ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	508.04	506.82	496.17	503.68	1.30	ppb
Thallium	205-1	503.09	496.40	486.93	495.47	1.64	ppb
Tin	118-1	523.18	516.74	511.91	517.28	1.09	ppb
Titanium	47-1	2563.88	2535.16	2456.19	2518.41	2.21	ppb
Uranium	238-1	490.48	481.87	473.48	481.94	1.76	ppb
Vanadium	51-2	502.01	489.82	516.08	502.64	2.61	ppb
Yttrium	89-1				101		%
Yttrium	89-2				101		%
Zinc	66-2	998.81	977.13	1025.54	1000.50	2.42	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	PB113570BS	Instrumnet Name :	P8
Client Sample ID :	PB113570BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 17:41:54	DataFile Name :	039LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	518.99	500.40	496.06	505.15	2.41	ppb
Zirconium	91-1	516.78	512.95	492.29	507.34	2.60	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5215-01	Instrumnet Name :	P8
Client Sample ID :	ROOM-101A-RED-A	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 17:45:09	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38.00	33.06	28.16	33.07	14.88	ppb
Antimony	121-1	0.83	0.76	0.74	0.78	5.57	ppb
Arsenic	75-2	0.26	0.20	0.22	0.23	13.38	ppb
Barium	135-1	41.61	42.80	41.33	41.91	1.87	ppb
Barium	137-1	42.09	42.29	41.53	41.97	0.93	ppb
Beryllium	9-1	0.17	0.13	0.10	0.13	26.77	ppb
Bismuth	209-1				113		%
Bismuth	209-2				112		%
Boron	10-1	61.31	60.95	64.29	62.18	2.95	ppb
Boron	11-1	61.23	64.38	62.87	62.83	2.50	ppb
Cadmium	111-1	0.06	0.09	0.10	0.09	20.94	ppb
Cadmium	106-1	0.05	0.59	0.54	0.40	74.92	ppb
Cadmium	108-1	0.05	0.16	0.03	0.08	86.96	ppb
Calcium	43-1	26210.44	26453.46	26346.86	26336.92	0.46	ppb
Calcium	44-1	26496.29	26271.68	26006.94	26258.30	0.93	ppb
Chromium	52-2	0.17	0.06	0.16	0.13	48.22	ppb
Cobalt	59-2	0.03	0.02	0.03	0.03	20.26	ppb
Copper	63-2	134.55	125.84	129.81	130.07	3.35	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				116		%
Holmium	165-2				116		%
Indium	115-1				115		%
Indium	115-2				113		%
Iron	56-2	96.11	89.51	93.87	93.17	3.60	ppb
Iron	57-2	83.62	93.75	89.18	88.85	5.71	ppb
Krypton	83-1	782.45	76.70	1150.71	669.95	81.46	ppb
Lead	206-1	1.07	1.10	1.06	1.08	1.60	ppb
Lead	207-1	1.01	1.03	0.96	1.00	3.71	ppb
Lead	208-1	1.03	1.06	1.02	1.04	2.35	ppb
Lithium	6-1				113		%
Magnesium	24-2	7543.82	7178.44	7273.65	7331.97	2.59	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5215-01	Instrumnet Name :	P8
Client Sample ID :	ROOM-101A-RED-A	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 17:45:09	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	5.17	4.34	4.80	4.77	8.72	ppb
Molybdenum	94-1	1.12	1.06	0.98	1.06	6.79	ppb
Molybdenum	95-1	1.39	1.37	1.22	1.33	7.05	ppb
Molybdenum	96-1	1.37	1.22	1.19	1.26	7.55	ppb
Molybdenum	97-1	1.49	1.30	1.18	1.32	11.71	ppb
Molybdenum	98-1	1.47	1.31	1.20	1.32	10.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.28	2.30	2.23	2.27	1.46	ppb
Phosphorus	31-2	471.66	426.09	508.07	468.61	8.77	ppb
Potassium	39-2	2897.30	2640.21	2733.02	2756.84	4.72	ppb
Rhodium	103-1				114		%
Rhodium	103-2				113		%
Scandium	45-1				116		%
Scandium	45-2				114		%
Selenium	77-2	0.00	0.00	4.15	1.38	173.21	ppb
Selenium	78-2	-0.34	0.97	-0.36	0.09	831.34	ppb
Selenium	82-1	0.49	0.11	0.53	0.38	61.20	ppb
Silicon	28-1	5403.09	5380.45	5312.95	5365.50	0.87	ppb
Silver	109-1	0.05	0.04	0.03	0.04	18.85	ppb
Silver	107-1	0.05	0.05	0.04	0.04	10.34	ppb
Sodium	23-2	30982.80	29101.51	29486.51	29856.94	3.33	ppb
Strontium	86-1	135.88	137.49	135.12	136.16	0.89	ppb
Strontium	88-1	141.68	142.36	139.69	141.24	0.98	ppb
Sulfur	34-1	16015.33	16397.42	16024.91	16145.88	1.35	ppb
Terbium	159-1				116		%
Terbium	159-2				115		%
Thallium	203-1	0.11	0.10	0.08	0.10	11.59	ppb
Thallium	205-1	0.12	0.10	0.11	0.11	10.24	ppb
Tin	118-1	0.31	0.23	0.24	0.26	16.70	ppb
Titanium	47-1	0.46	0.57	0.29	0.44	31.12	ppb
Uranium	238-1	0.08	0.07	0.07	0.07	9.00	ppb
Vanadium	51-2	0.61	0.51	0.52	0.55	10.13	ppb
Yttrium	89-1				116		%
Yttrium	89-2				114		%
Zinc	66-2	38.96	38.40	37.80	38.39	1.52	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5215-01	Instrumnet Name :	P8
Client Sample ID :	ROOM-101A-RED-A	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 17:45:09	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.06	0.04	0.04	0.05	17.29	ppb
Zirconium	91-1	0.10	0.06	0.05	0.07	33.29	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5215-01DUP	Instrumnet Name :	P8
Client Sample ID :	ROOM-101A-RED-ADUF	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 17:48:32	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	34.42	39.69	33.12	35.74	9.75	ppb
Antimony	121-1	0.31	0.30	0.29	0.30	3.14	ppb
Arsenic	75-2	0.19	0.22	0.16	0.19	17.87	ppb
Barium	135-1	44.19	43.60	44.50	44.10	1.04	ppb
Barium	137-1	43.54	43.10	44.31	43.65	1.40	ppb
Beryllium	9-1	0.11	0.02	0.07	0.07	61.36	ppb
Bismuth	209-1				111		%
Bismuth	209-2				113		%
Boron	10-1	55.60	56.29	60.94	57.61	5.05	ppb
Boron	11-1	56.19	59.60	59.37	58.39	3.27	ppb
Cadmium	111-1	0.06	0.06	0.06	0.06	3.80	ppb
Cadmium	106-1	0.42	0.42	0.53	0.46	13.93	ppb
Cadmium	108-1	0.03	0.05	0.08	0.05	49.91	ppb
Calcium	43-1	27718.26	27400.93	27590.13	27569.77	0.58	ppb
Calcium	44-1	27576.54	27417.20	27609.60	27534.45	0.37	ppb
Chromium	52-2	0.10	0.07	0.16	0.11	37.86	ppb
Cobalt	59-2	0.04	0.03	0.02	0.03	23.51	ppb
Copper	63-2	130.24	134.15	132.83	132.41	1.50	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				115		%
Holmium	165-2				115		%
Indium	115-1				114		%
Indium	115-2				113		%
Iron	56-2	93.77	95.75	94.04	94.52	1.14	ppb
Iron	57-2	91.93	101.76	98.62	97.44	5.15	ppb
Krypton	83-1	992.14	1246.76	1160.56	1133.15	11.43	ppb
Lead	206-1	1.08	1.07	1.13	1.09	2.73	ppb
Lead	207-1	1.03	0.99	1.01	1.01	1.71	ppb
Lead	208-1	1.02	1.01	1.05	1.03	2.18	ppb
Lithium	6-1				112		%
Magnesium	24-2	7425.13	7568.41	7495.34	7496.29	0.96	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5215-01DUP	Instrumnet Name :	P8
Client Sample ID :	ROOM-101A-RED-ADUF	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 17:48:32	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	4.87	4.91	4.93	4.90	0.63	ppb
Molybdenum	94-1	0.61	0.61	0.62	0.61	1.18	ppb
Molybdenum	95-1	0.84	0.76	0.75	0.79	6.31	ppb
Molybdenum	96-1	0.78	0.67	0.80	0.75	9.60	ppb
Molybdenum	97-1	0.77	0.82	0.71	0.77	7.49	ppb
Molybdenum	98-1	0.75	0.74	0.70	0.73	3.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.32	2.32	2.48	2.37	3.75	ppb
Phosphorus	31-2	579.43	491.27	352.06	474.25	24.17	ppb
Potassium	39-2	2709.50	2927.33	2830.69	2822.50	3.87	ppb
Rhodium	103-1				113		%
Rhodium	103-2				112		%
Scandium	45-1				115		%
Scandium	45-2				115		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.36	-1.04	-0.35	-0.58		ppb
Selenium	82-1	0.35	0.39	0.37	0.37	5.41	ppb
Silicon	28-1	5633.73	5556.17	5647.95	5612.62	0.88	ppb
Silver	109-1	0.02	0.03	0.02	0.02	22.22	ppb
Silver	107-1	0.01	0.02	0.02	0.02	29.82	ppb
Sodium	23-2	30396.31	30314.75	30914.20	30541.75	1.06	ppb
Strontium	86-1	141.48	140.85	142.18	141.51	0.47	ppb
Strontium	88-1	147.07	146.86	149.51	147.81	1.00	ppb
Sulfur	34-1	17351.39	16905.53	17026.95	17094.62	1.35	ppb
Terbium	159-1				114		%
Terbium	159-2				116		%
Thallium	203-1	0.03	0.03	0.03	0.03	11.11	ppb
Thallium	205-1	0.04	0.05	0.03	0.04	18.28	ppb
Tin	118-1	0.10	0.16	0.14	0.14	21.41	ppb
Titanium	47-1	0.39	0.31	0.37	0.36	12.38	ppb
Uranium	238-1	0.06	0.05	0.05	0.05	7.17	ppb
Vanadium	51-2	0.67	0.63	0.58	0.63	7.43	ppb
Yttrium	89-1				115		%
Yttrium	89-2				113		%
Zinc	66-2	39.46	37.49	39.67	38.87	3.10	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5215-01DUP	Instrumnet Name :	P8
Client Sample ID :	ROOM-101A-RED-ADUF	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 17:48:32	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.03	0.05	0.03	0.04	25.46	ppb
Zirconium	91-1	0.04	0.08	0.05	0.06	29.24	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5215-01LX5	Instrumnet Name :	P8
Client Sample ID :	ROOM-101A-RED-AL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-06 17:51:54	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.38	5.18	6.99	6.52	18.06	ppb
Antimony	121-1	0.13	0.16	0.18	0.16	16.07	ppb
Arsenic	75-2	0.00	0.07	0.05	0.04	91.83	ppb
Barium	135-1	8.20	8.57	8.03	8.26	3.35	ppb
Barium	137-1	8.00	8.52	8.05	8.19	3.50	ppb
Beryllium	9-1	0.09	0.01	0.08	0.06	69.54	ppb
Bismuth	209-1				101		%
Bismuth	209-2				103		%
Boron	10-1	15.49	15.80	17.32	16.20	6.05	ppb
Boron	11-1	16.20	16.60	15.64	16.15	3.01	ppb
Cadmium	111-1	0.04	0.02	0.01	0.02	70.27	ppb
Cadmium	106-1	0.50	0.03	0.05	0.19	136.07	ppb
Cadmium	108-1	0.01	-0.05	0.09	0.02	412.25	ppb
Calcium	43-1	5366.05	5352.85	5134.39	5284.43	2.46	ppb
Calcium	44-1	5349.89	5398.06	5303.62	5350.52	0.88	ppb
Chromium	52-2	0.02	0.02	0.07	0.04	92.21	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	110.92	ppb
Copper	63-2	25.81	26.02	25.90	25.91	0.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				104		%
Iron	56-2	18.51	18.38	19.22	18.71	2.42	ppb
Iron	57-2	19.39	25.34	21.21	21.98	13.89	ppb
Krypton	83-1	401.36	737.28	367.60	502.08	40.71	ppb
Lead	206-1	0.22	0.24	0.25	0.24	7.42	ppb
Lead	207-1	0.17	0.23	0.18	0.19	15.38	ppb
Lead	208-1	0.21	0.22	0.21	0.21	4.20	ppb
Lithium	6-1				101		%
Magnesium	24-2	1474.30	1481.90	1464.74	1473.65	0.58	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5215-01LX5	Instrumnet Name :	P8
Client Sample ID :	ROOM-101A-RED-AL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-06 17:51:54	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.84	0.86	1.16	0.95	18.86	ppb
Molybdenum	94-1	0.24	0.18	0.22	0.21	13.23	ppb
Molybdenum	95-1	0.18	0.19	0.21	0.19	6.83	ppb
Molybdenum	96-1	0.22	0.23	0.22	0.22	2.26	ppb
Molybdenum	97-1	0.21	0.21	0.14	0.19	23.01	ppb
Molybdenum	98-1	0.22	0.20	0.23	0.22	6.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.56	0.54	0.51	0.53	5.00	ppb
Phosphorus	31-2	101.52	157.99	43.96	101.16	56.36	ppb
Potassium	39-2	569.73	550.54	550.12	556.79	2.01	ppb
Rhodium	103-1				103		%
Rhodium	103-2				104		%
Scandium	45-1				103		%
Scandium	45-2				104		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.04	1.92	-1.04	-0.05		ppb
Selenium	82-1	0.06	0.43	0.44	0.31	70.84	ppb
Silicon	28-1	1065.35	1093.78	1050.60	1069.91	2.05	ppb
Silver	109-1	0.01	0.01	0.01	0.01	3.01	ppb
Silver	107-1	0.02	0.01	0.02	0.02	8.88	ppb
Sodium	23-2	5784.55	5756.71	5779.31	5773.53	0.26	ppb
Strontium	86-1	26.60	27.62	27.25	27.16	1.90	ppb
Strontium	88-1	27.58	27.91	27.50	27.66	0.80	ppb
Sulfur	34-1	2347.16	2419.33	2194.59	2320.36	4.94	ppb
Terbium	159-1				103		%
Terbium	159-2				104		%
Thallium	203-1	0.02	0.01	0.01	0.01	19.08	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	12.14	ppb
Tin	118-1	0.07	0.06	0.04	0.06	22.64	ppb
Titanium	47-1	0.10	0.09	0.08	0.09	9.39	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	5.15	ppb
Vanadium	51-2	0.05	0.10	0.10	0.08	37.68	ppb
Yttrium	89-1				103		%
Yttrium	89-2				104		%
Zinc	66-2	7.73	7.23	8.16	7.71	6.02	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5215-01LX5	Instrumnet Name :	P8
Client Sample ID :	ROOM-101A-RED-AL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-06 17:51:54	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.03	0.03	0.03	16.49	ppb
Zirconium	91-1	0.04	0.02	0.03	0.03	41.60	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5215-01MS	Instrumnet Name :	P8
Client Sample ID :	ROOM-101A-RED-AMS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 17:55:18	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1911.65	1826.19	1818.24	1852.03	2.80	ppb
Antimony	121-1	790.21	793.78	786.36	790.11	0.47	ppb
Arsenic	75-2	793.09	789.24	779.88	787.40	0.86	ppb
Barium	135-1	240.95	242.68	241.33	241.66	0.38	ppb
Barium	137-1	245.23	242.65	246.32	244.74	0.77	ppb
Beryllium	9-1	202.50	202.69	202.66	202.62	0.05	ppb
Bismuth	209-1				111		%
Bismuth	209-2				108		%
Boron	10-1	336.34	351.91	349.02	345.76	2.40	ppb
Boron	11-1	327.10	344.49	351.38	340.99	3.67	ppb
Cadmium	111-1	200.96	200.15	200.26	200.46	0.22	ppb
Cadmium	106-1	177.30	172.91	171.02	173.74	1.85	ppb
Cadmium	108-1	185.25	185.72	188.74	186.57	1.02	ppb
Calcium	43-1	27244.77	27176.29	26947.88	27122.98	0.57	ppb
Calcium	44-1	27088.32	27064.55	26865.00	27005.95	0.45	ppb
Chromium	52-2	398.40	387.26	396.09	393.91	1.49	ppb
Cobalt	59-2	202.15	196.44	200.48	199.69	1.47	ppb
Copper	63-2	441.64	427.75	437.15	435.51	1.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				114		%
Indium	115-1				112		%
Indium	115-2				108		%
Iron	56-2	3183.72	3094.48	3129.67	3135.96	1.43	ppb
Iron	57-2	3116.59	2939.43	3096.75	3050.92	3.18	ppb
Krypton	83-1	1046.02	760.57	386.68	731.09	45.23	ppb
Lead	206-1	1004.71	978.38	992.33	991.81	1.33	ppb
Lead	207-1	980.40	957.97	973.78	970.72	1.19	ppb
Lead	208-1	995.23	971.66	981.72	982.87	1.20	ppb
Lithium	6-1				110		%
Magnesium	24-2	9517.41	9048.09	9305.23	9290.24	2.53	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5215-01MS	Instrumnet Name :	P8
Client Sample ID :	ROOM-101A-RED-AMS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 17:55:18	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	205.18	192.70	197.18	198.35	3.19	ppb
Molybdenum	94-1	270.60	268.26	269.12	269.33	0.44	ppb
Molybdenum	95-1	390.09	383.07	384.27	385.81	0.97	ppb
Molybdenum	96-1	378.71	379.00	376.37	378.03	0.38	ppb
Molybdenum	97-1	377.35	374.33	376.04	375.91	0.40	ppb
Molybdenum	98-1	386.50	385.44	387.87	386.60	0.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	509.32	496.36	508.43	504.71	1.43	ppb
Phosphorus	31-2	6472.33	6424.66	6378.23	6425.08	0.73	ppb
Potassium	39-2	12602.27	12350.55	12470.11	12474.31	1.01	ppb
Rhodium	103-1				112		%
Rhodium	103-2				110		%
Scandium	45-1				114		%
Scandium	45-2				111		%
Selenium	77-2	1959.60	2051.16	1878.21	1962.99	4.41	ppb
Selenium	78-2	2023.98	2038.73	1998.79	2020.50	1.00	ppb
Selenium	82-1	2038.50	2021.15	2034.87	2031.50	0.45	ppb
Silicon	28-1	6230.92	6156.38	6271.24	6219.51	0.94	ppb
Silver	109-1	75.43	74.52	74.33	74.76	0.79	ppb
Silver	107-1	75.48	75.06	74.66	75.07	0.55	ppb
Sodium	23-2	32915.51	31959.03	32660.17	32511.57	1.52	ppb
Strontium	86-1	329.09	328.30	326.94	328.11	0.33	ppb
Strontium	88-1	336.30	329.53	331.72	332.52	1.04	ppb
Sulfur	34-1	15499.09	15437.25	15517.48	15484.61	0.27	ppb
Terbium	159-1				115		%
Terbium	159-2				113		%
Thallium	203-1	1954.31	1913.41	1914.27	1927.33	1.21	ppb
Thallium	205-1	1964.88	1928.12	1933.26	1942.09	1.02	ppb
Tin	118-1	693.71	684.53	684.39	687.54	0.78	ppb
Titanium	47-1	194.41	194.64	196.15	195.07	0.49	ppb
Uranium	238-1	0.05	0.05	0.06	0.06	8.82	ppb
Vanadium	51-2	298.97	291.93	297.15	296.02	1.23	ppb
Yttrium	89-1				114		%
Yttrium	89-2				111		%
Zinc	66-2	246.73	236.77	244.98	242.83	2.19	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5215-01MS	Instrumnet Name :	P8
Client Sample ID :	ROOM-101A-RED-AMS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 17:55:18	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.86	0.75	0.55	0.72	21.76	ppb
Zirconium	91-1	1.08	0.82	0.74	0.88	19.94	ppb

LB Number : LB98428 Operator : Jaswal
 Lab Sample ID : J5215-01MSD Instrumnet Name : P8
 Client Sample ID : ROOM-101A-RED-AMSC Dilution Factor : 1
 Date & Time Acquired :: 2018-10-06 17:58:37 DataFile Name : 044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1917.89	1887.68	1812.87	1872.81	2.89	ppb
Antimony	121-1	838.98	798.13	798.25	811.79	2.90	ppb
Arsenic	75-2	797.28	806.59	792.74	798.87	0.88	ppb
Barium	135-1	259.33	242.65	244.97	248.98	3.63	ppb
Barium	137-1	259.42	246.24	246.87	250.84	2.96	ppb
Beryllium	9-1	219.56	204.70	204.09	209.45	4.18	ppb
Bismuth	209-1				111		%
Bismuth	209-2				113		%
Boron	10-1	373.01	354.34	356.43	361.26	2.83	ppb
Boron	11-1	365.53	354.63	355.67	358.61	1.68	ppb
Cadmium	111-1	216.07	203.58	201.65	207.10	3.78	ppb
Cadmium	106-1	183.45	177.39	170.32	177.05	3.71	ppb
Cadmium	108-1	192.44	185.67	185.70	187.94	2.08	ppb
Calcium	43-1	28908.36	27843.21	27338.95	28030.17	2.86	ppb
Calcium	44-1	28905.79	27703.04	27399.02	28002.62	2.85	ppb
Chromium	52-2	396.93	400.71	387.96	395.20	1.66	ppb
Cobalt	59-2	200.98	204.84	197.40	201.07	1.85	ppb
Copper	63-2	439.67	445.84	430.38	438.63	1.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				116		%
Indium	115-1				112		%
Indium	115-2				109		%
Iron	56-2	3198.35	3237.04	3082.66	3172.68	2.53	ppb
Iron	57-2	3076.72	3079.98	2962.39	3039.70	2.20	ppb
Krypton	83-1	539.27	440.28	300.12	426.56	28.17	ppb
Lead	206-1	1098.54	1017.98	1008.00	1041.51	4.77	ppb
Lead	207-1	1072.67	1001.65	979.30	1017.87	4.79	ppb
Lead	208-1	1084.78	1014.64	996.38	1031.93	4.52	ppb
Lithium	6-1				111		%
Magnesium	24-2	9368.88	9415.97	9106.31	9297.05	1.79	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5215-01MSD	Instrumnet Name :	P8
Client Sample ID :	ROOM-101A-RED-AMSC	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 17:58:37	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	199.24	203.12	194.32	198.89	2.22	ppb
Molybdenum	94-1	283.26	274.31	268.48	275.35	2.70	ppb
Molybdenum	95-1	409.57	390.59	386.52	395.56	3.11	ppb
Molybdenum	96-1	398.13	379.77	378.01	385.30	2.89	ppb
Molybdenum	97-1	401.09	380.08	378.61	386.59	3.25	ppb
Molybdenum	98-1	412.22	392.28	390.85	398.45	3.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	509.28	520.90	500.93	510.37	1.97	ppb
Phosphorus	31-2	6821.51	6822.19	7489.70	7044.47	5.47	ppb
Potassium	39-2	12569.33	12762.16	12281.43	12537.64	1.93	ppb
Rhodium	103-1				113		%
Rhodium	103-2				113		%
Scandium	45-1				114		%
Scandium	45-2				113		%
Selenium	77-2	1934.66	2003.98	2069.89	2002.85	3.38	ppb
Selenium	78-2	2069.42	2086.32	2130.26	2095.33	1.50	ppb
Selenium	82-1	2166.13	2065.17	2039.52	2090.27	3.20	ppb
Silicon	28-1	6671.24	6344.56	6261.43	6425.75	3.37	ppb
Silver	109-1	78.52	75.06	74.81	76.13	2.73	ppb
Silver	107-1	79.49	75.41	74.92	76.60	3.27	ppb
Sodium	23-2	32777.26	33353.88	32067.85	32733.00	1.97	ppb
Strontium	86-1	347.54	331.16	330.83	336.51	2.84	ppb
Strontium	88-1	352.37	337.56	335.29	341.74	2.71	ppb
Sulfur	34-1	17384.02	16421.49	15605.16	16470.22	5.41	ppb
Terbium	159-1				116		%
Terbium	159-2				118		%
Thallium	203-1	2123.46	1998.83	1974.72	2032.34	3.93	ppb
Thallium	205-1	2131.97	2015.91	1964.55	2037.47	4.21	ppb
Tin	118-1	737.44	694.43	692.32	708.06	3.60	ppb
Titanium	47-1	205.86	200.26	198.37	201.50	1.93	ppb
Uranium	238-1	0.07	0.06	0.06	0.06	8.91	ppb
Vanadium	51-2	299.62	303.66	291.83	298.37	2.01	ppb
Yttrium	89-1				115		%
Yttrium	89-2				113		%
Zinc	66-2	244.23	247.42	244.30	245.32	0.74	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5215-01MSD	Instrumnet Name :	P8
Client Sample ID :	ROOM-101A-RED-AMSC	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 17:58:37	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.30	0.26	0.20	0.26	19.66	ppb
Zirconium	91-1	0.50	0.52	0.41	0.48	12.52	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5215-01A	Instrumnet Name :	P8
Client Sample ID :	ROOM-101A-RED-AA	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 18:01:54	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1875.06	1829.92	2036.09	1913.69	5.66	ppb
Antimony	121-1	804.33	870.73	800.73	825.26	4.78	ppb
Arsenic	75-2	795.41	799.49	832.04	808.98	2.48	ppb
Barium	135-1	248.15	270.20	246.17	254.84	5.23	ppb
Barium	137-1	248.82	269.19	246.60	254.87	4.89	ppb
Beryllium	9-1	206.53	226.52	205.39	212.81	5.59	ppb
Bismuth	209-1				111		%
Bismuth	209-2				111		%
Boron	10-1	355.90	408.64	372.81	379.12	7.10	ppb
Boron	11-1	356.21	399.41	366.94	374.19	6.01	ppb
Cadmium	111-1	203.97	220.04	201.71	208.57	4.79	ppb
Cadmium	106-1	172.96	189.80	174.68	179.14	5.17	ppb
Cadmium	108-1	184.56	209.40	189.01	194.32	6.82	ppb
Calcium	43-1	27412.13	30342.98	27425.55	28393.55	5.95	ppb
Calcium	44-1	27324.51	30026.53	27163.53	28171.52	5.71	ppb
Chromium	52-2	399.38	393.23	424.94	405.85	4.14	ppb
Cobalt	59-2	203.21	198.84	216.84	206.30	4.55	ppb
Copper	63-2	445.30	434.52	474.44	451.42	4.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				115		%
Indium	115-1				111		%
Indium	115-2				108		%
Iron	56-2	3251.92	3130.90	3429.07	3270.63	4.59	ppb
Iron	57-2	3166.96	3061.00	3394.91	3207.62	5.32	ppb
Krypton	83-1	576.97	173.64	789.49	513.37	60.93	ppb
Lead	206-1	1010.47	1081.07	1010.00	1033.84	3.96	ppb
Lead	207-1	985.23	1063.94	988.75	1012.64	4.39	ppb
Lead	208-1	996.90	1078.71	997.46	1024.36	4.60	ppb
Lithium	6-1				108		%
Magnesium	24-2	9470.87	9278.92	10045.05	9598.28	4.15	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5215-01A	Instrumnet Name :	P8
Client Sample ID :	ROOM-101A-RED-AA	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 18:01:54	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	205.72	201.25	214.99	207.32	3.38	ppb
Molybdenum	94-1	272.12	297.45	272.89	280.82	5.13	ppb
Molybdenum	95-1	393.09	429.22	389.94	404.09	5.40	ppb
Molybdenum	96-1	378.86	414.54	379.86	391.08	5.20	ppb
Molybdenum	97-1	382.39	420.74	383.19	395.44	5.54	ppb
Molybdenum	98-1	394.16	432.57	393.31	406.68	5.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	517.59	506.28	551.02	524.97	4.43	ppb
Phosphorus	31-2	6243.85	6370.66	7458.72	6691.08	9.98	ppb
Potassium	39-2	12649.53	12297.13	13329.71	12758.79	4.11	ppb
Rhodium	103-1				111		%
Rhodium	103-2				111		%
Scandium	45-1				112		%
Scandium	45-2				110		%
Selenium	77-2	2017.41	1922.27	2158.23	2032.64	5.84	ppb
Selenium	78-2	2085.22	2040.76	2052.15	2059.38	1.12	ppb
Selenium	82-1	2061.80	2256.18	2056.59	2124.86	5.35	ppb
Silicon	28-1	6338.16	6942.12	6247.89	6509.39	5.80	ppb
Silver	109-1	75.39	83.64	75.49	78.17	6.05	ppb
Silver	107-1	75.66	83.54	75.53	78.24	5.87	ppb
Sodium	23-2	33216.11	32473.05	35114.09	33601.08	4.05	ppb
Strontium	86-1	326.89	363.08	329.28	339.75	5.96	ppb
Strontium	88-1	331.03	365.07	334.44	343.52	5.46	ppb
Sulfur	34-1	15894.91	18792.87	15781.58	16823.12	10.15	ppb
Terbium	159-1				114		%
Terbium	159-2				115		%
Thallium	203-1	1999.02	2133.99	1983.91	2038.97	4.05	ppb
Thallium	205-1	1990.66	2154.33	2001.08	2048.69	4.47	ppb
Tin	118-1	702.24	758.42	698.41	719.69	4.67	ppb
Titanium	47-1	197.78	218.07	194.74	203.53	6.23	ppb
Uranium	238-1	0.05	0.06	0.05	0.05	10.64	ppb
Vanadium	51-2	302.33	298.13	319.70	306.72	3.73	ppb
Yttrium	89-1				113		%
Yttrium	89-2				111		%
Zinc	66-2	248.43	241.16	265.62	251.74	4.99	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5215-01A	Instrumnet Name :	P8
Client Sample ID :	ROOM-101A-RED-AA	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 18:01:54	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.20	0.20	0.17	0.19	6.41	ppb
Zirconium	91-1	0.45	0.45	0.37	0.42	10.92	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5215-03	Instrumnet Name :	P8
Client Sample ID :	ROOM-101A-BLUE-A	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 18:05:11	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	26.13	35.58	32.47	31.39	15.34	ppb
Antimony	121-1	1.42	1.39	1.31	1.37	4.08	ppb
Arsenic	75-2	0.28	0.40	0.30	0.33	19.06	ppb
Barium	135-1	41.77	40.94	41.02	41.24	1.11	ppb
Barium	137-1	41.92	40.66	40.83	41.14	1.66	ppb
Beryllium	9-1	0.16	0.16	0.15	0.16	3.09	ppb
Bismuth	209-1				114		%
Bismuth	209-2				110		%
Boron	10-1	71.82	67.46	64.73	68.01	5.26	ppb
Boron	11-1	70.13	68.89	68.65	69.23	1.14	ppb
Cadmium	111-1	0.08	0.05	0.05	0.06	27.85	ppb
Cadmium	106-1	0.48	0.13	0.10	0.24	89.09	ppb
Cadmium	108-1	0.17	0.17	0.20	0.18	8.64	ppb
Calcium	43-1	25360.38	24450.93	25319.24	25043.52	2.05	ppb
Calcium	44-1	25348.36	24290.76	24925.45	24854.85	2.14	ppb
Chromium	52-2	0.22	0.23	0.28	0.24	13.19	ppb
Cobalt	59-2	0.14	0.11	0.14	0.13	11.76	ppb
Copper	63-2	394.68	398.77	419.38	404.28	3.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				119		%
Holmium	165-2				115		%
Indium	115-1				118		%
Indium	115-2				112		%
Iron	56-2	77.49	76.29	81.84	78.54	3.72	ppb
Iron	57-2	81.39	79.92	89.01	83.44	5.84	ppb
Krypton	83-1	931.72	894.99	1868.92	1231.88	44.81	ppb
Lead	206-1	2.32	2.12	2.18	2.21	4.59	ppb
Lead	207-1	2.15	2.02	2.03	2.07	3.48	ppb
Lead	208-1	2.21	2.06	2.07	2.11	3.87	ppb
Lithium	6-1				113		%
Magnesium	24-2	7142.87	7126.50	7421.97	7230.45	2.30	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5215-03	Instrumnet Name :	P8
Client Sample ID :	ROOM-101A-BLUE-A	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 18:05:11	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	5.90	6.79	6.61	6.44	7.30	ppb
Molybdenum	94-1	0.74	0.69	0.68	0.70	4.66	ppb
Molybdenum	95-1	1.02	1.04	0.96	1.00	4.04	ppb
Molybdenum	96-1	1.08	0.94	0.97	1.00	7.56	ppb
Molybdenum	97-1	1.10	0.90	0.89	0.97	12.04	ppb
Molybdenum	98-1	1.04	0.99	0.94	0.99	5.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.32	5.04	5.49	5.28	4.38	ppb
Phosphorus	31-2	455.01	497.84	489.75	480.86	4.73	ppb
Potassium	39-2	3236.86	3195.87	3531.60	3321.44	5.51	ppb
Rhodium	103-1				116		%
Rhodium	103-2				112		%
Scandium	45-1				117		%
Scandium	45-2				111		%
Selenium	77-2	0.00	4.16	0.00	1.39	173.21	ppb
Selenium	78-2	1.68	0.33	1.83	1.28	64.50	ppb
Selenium	82-1	1.14	0.91	1.54	1.20	26.46	ppb
Silicon	28-1	4970.32	4773.52	4897.00	4880.28	2.04	ppb
Silver	109-1	0.02	0.02	0.02	0.02	18.31	ppb
Silver	107-1	0.02	0.02	0.03	0.02	14.83	ppb
Sodium	23-2	30446.24	30824.19	32134.17	31134.87	2.85	ppb
Strontium	86-1	129.51	127.03	128.31	128.28	0.97	ppb
Strontium	88-1	132.40	130.23	132.81	131.81	1.05	ppb
Sulfur	34-1	17009.61	16026.98	16918.43	16651.67	3.26	ppb
Terbium	159-1				119		%
Terbium	159-2				115		%
Thallium	203-1	0.60	0.49	0.47	0.52	14.05	ppb
Thallium	205-1	0.60	0.52	0.47	0.53	12.18	ppb
Tin	118-1	0.92	0.83	0.78	0.84	8.62	ppb
Titanium	47-1	0.39	0.40	0.36	0.38	5.58	ppb
Uranium	238-1	0.05	0.05	0.06	0.05	11.32	ppb
Vanadium	51-2	0.46	0.49	0.53	0.50	7.23	ppb
Yttrium	89-1				116		%
Yttrium	89-2				112		%
Zinc	66-2	275.25	275.51	295.93	282.23	4.20	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5215-03	Instrumnet Name :	P8
Client Sample ID :	ROOM-101A-BLUE-A	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 18:05:11	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.01	0.01	0.01	35.99	ppb
Zirconium	91-1	0.02	0.02	0.01	0.02	40.95	ppb

LB Number : LB98428 Operator : Jaswal
 Lab Sample ID : J5215-05 Instrumnet Name : P8
 Client Sample ID : BATES-HALL-KITCHEN- Dilution Factor : 1
 Date & Time Acquired :: 2018-10-06 18:08:33 DataFile Name : 047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28.97	30.02	34.85	31.28	10.04	ppb
Antimony	121-1	0.44	0.46	0.46	0.45	2.08	ppb
Arsenic	75-2	0.19	0.22	0.27	0.23	18.17	ppb
Barium	135-1	39.56	39.43	40.20	39.73	1.04	ppb
Barium	137-1	39.39	38.83	39.76	39.33	1.19	ppb
Beryllium	9-1	0.08	0.07	0.07	0.07	10.09	ppb
Bismuth	209-1				112		%
Bismuth	209-2				112		%
Boron	10-1	62.11	62.16	61.57	61.94	0.53	ppb
Boron	11-1	59.36	62.05	62.73	61.38	2.90	ppb
Cadmium	111-1	-0.03	0.01	0.01	0.00		ppb
Cadmium	106-1	-0.97	-0.17	-0.08	-0.41		ppb
Cadmium	108-1	0.08	0.18	0.23	0.16	48.83	ppb
Calcium	43-1	24976.90	25116.86	25248.01	25113.93	0.54	ppb
Calcium	44-1	24854.74	25177.13	25356.94	25129.60	1.01	ppb
Chromium	52-2	0.11	0.11	0.14	0.12	13.99	ppb
Cobalt	59-2	0.10	0.11	0.11	0.11	5.09	ppb
Copper	63-2	558.07	562.55	559.13	559.92	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				117		%
Holmium	165-2				116		%
Indium	115-1				115		%
Indium	115-2				112		%
Iron	56-2	59.71	59.95	59.86	59.84	0.20	ppb
Iron	57-2	53.78	59.11	52.80	55.23	6.15	ppb
Krypton	83-1	495.84	819.12	1005.20	773.39	33.33	ppb
Lead	206-1	1.58	1.54	1.57	1.56	1.30	ppb
Lead	207-1	1.50	1.44	1.43	1.46	2.69	ppb
Lead	208-1	1.52	1.47	1.51	1.50	1.81	ppb
Lithium	6-1				112		%
Magnesium	24-2	7302.55	7184.89	7242.76	7243.40	0.81	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5215-05	Instrumnet Name :	P8
Client Sample ID :	BATES-HALL-KITCHEN-	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 18:08:33	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	4.48	4.18	4.18	4.28	4.08	ppb
Molybdenum	94-1	0.50	0.50	0.45	0.49	5.82	ppb
Molybdenum	95-1	0.60	0.68	0.65	0.64	6.04	ppb
Molybdenum	96-1	0.69	0.68	0.69	0.69	0.62	ppb
Molybdenum	97-1	0.76	0.69	0.74	0.73	4.93	ppb
Molybdenum	98-1	0.71	0.65	0.71	0.69	4.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.88	2.97	2.94	2.93	1.57	ppb
Phosphorus	31-2	405.86	406.65	356.26	389.59	7.41	ppb
Potassium	39-2	3065.89	3011.86	3082.53	3053.42	1.21	ppb
Rhodium	103-1				113		%
Rhodium	103-2				112		%
Scandium	45-1				114		%
Scandium	45-2				113		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.02	-0.35	0.34	0.34	202.79	ppb
Selenium	82-1	0.23	0.37	0.54	0.38	39.92	ppb
Silicon	28-1	4908.14	4944.81	5006.59	4953.18	1.00	ppb
Silver	109-1	0.02	0.02	0.03	0.02	19.74	ppb
Silver	107-1	0.04	0.02	0.02	0.02	36.47	ppb
Sodium	23-2	29814.62	29841.46	29747.17	29801.08	0.16	ppb
Strontium	86-1	128.06	125.40	125.68	126.38	1.15	ppb
Strontium	88-1	132.30	130.44	131.27	131.33	0.71	ppb
Sulfur	34-1	16571.59	17104.05	17280.09	16985.24	2.17	ppb
Terbium	159-1				116		%
Terbium	159-2				116		%
Thallium	203-1	0.21	0.21	0.20	0.21	4.06	ppb
Thallium	205-1	0.23	0.21	0.22	0.22	2.75	ppb
Tin	118-1	0.37	0.36	0.38	0.37	2.18	ppb
Titanium	47-1	0.26	0.35	0.26	0.29	18.79	ppb
Uranium	238-1	0.05	0.05	0.05	0.05	6.90	ppb
Vanadium	51-2	0.73	0.67	0.69	0.70	4.30	ppb
Yttrium	89-1				115		%
Yttrium	89-2				113		%
Zinc	66-2	500.78	504.89	498.90	501.52	0.61	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5215-05	Instrumnet Name :	P8
Client Sample ID :	BATES-HALL-KITCHEN-	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 18:08:33	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.01	0.01	0.01	28.39	ppb
Zirconium	91-1	0.03	0.00	0.01	0.01	97.46	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	CCV84	Instrumnet Name :	P8
Client Sample ID :	CCV84	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 18:11:56	DataFile Name :	048CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51846.55	50553.20	49679.81	50693.19	2.15	ppb
Antimony	121-1	519.83	521.08	511.47	517.46	1.01	ppb
Arsenic	75-2	508.93	512.31	499.89	507.04	1.27	ppb
Barium	135-1	2627.83	2643.52	2580.00	2617.12	1.26	ppb
Barium	137-1	2608.06	2615.91	2571.60	2598.53	0.91	ppb
Beryllium	9-1	540.94	533.77	516.10	530.27	2.41	ppb
Bismuth	209-1				95		%
Bismuth	209-2				95		%
Boron	10-1	542.65	545.02	539.72	542.46	0.49	ppb
Boron	11-1	536.57	539.86	532.60	536.34	0.68	ppb
Cadmium	111-1	499.80	500.61	492.42	497.61	0.91	ppb
Cadmium	106-1	516.25	510.88	501.21	509.44	1.50	ppb
Cadmium	108-1	511.65	515.75	500.66	509.35	1.53	ppb
Calcium	43-1	243577.85	242274.18	236388.01	240746.68	1.59	ppb
Calcium	44-1	244164.59	238681.48	235732.93	239526.33	1.79	ppb
Chromium	52-2	526.42	516.28	506.79	516.49	1.90	ppb
Cobalt	59-2	494.18	485.79	477.98	485.99	1.67	ppb
Copper	63-2	968.38	943.75	930.40	947.51	2.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				102		%
Indium	115-1				97		%
Indium	115-2				95		%
Iron	56-2	124819.70	122658.73	120685.85	122721.43	1.68	ppb
Iron	57-2	126263.82	124374.07	122041.82	124226.57	1.70	ppb
Krypton	83-1	-3.94	251.74	113.99	120.60	106.11	ppb
Lead	206-1	539.05	529.97	517.86	528.96	2.01	ppb
Lead	207-1	540.67	526.37	512.00	526.35	2.72	ppb
Lead	208-1	535.71	525.02	512.82	524.52	2.18	ppb
Lithium	6-1				95		%
Magnesium	24-2	246416.76	240978.16	236740.16	241378.36	2.01	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	CCV84	Instrumnet Name :	P8
Client Sample ID :	CCV84	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 18:11:56	DataFile Name :	048CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1010.28	989.18	973.26	990.91	1.87	ppb
Molybdenum	94-1	2582.98	2589.17	2526.00	2566.05	1.36	ppb
Molybdenum	95-1	2570.54	2571.81	2540.72	2561.02	0.69	ppb
Molybdenum	96-1	2569.52	2587.76	2550.10	2569.13	0.73	ppb
Molybdenum	97-1	2570.40	2591.08	2536.36	2565.95	1.08	ppb
Molybdenum	98-1	2569.57	2591.11	2533.46	2564.71	1.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	504.08	503.39	489.81	499.09	1.61	ppb
Phosphorus	31-2	9810.64	11157.62	10038.56	10335.61	6.98	ppb
Potassium	39-2	124794.91	121348.31	121634.98	122592.73	1.56	ppb
Rhodium	103-1				94		%
Rhodium	103-2				95		%
Scandium	45-1				99		%
Scandium	45-2				103		%
Selenium	77-2	449.08	460.54	517.81	475.81	7.74	ppb
Selenium	78-2	502.86	499.61	497.65	500.04	0.53	ppb
Selenium	82-1	510.89	508.90	495.01	504.93	1.71	ppb
Silicon	28-1	558.12	554.82	561.58	558.17	0.61	ppb
Silver	109-1	516.41	521.42	506.76	514.86	1.45	ppb
Silver	107-1	511.80	514.18	506.85	510.95	0.73	ppb
Sodium	23-2	248988.98	241076.63	239592.97	243219.52	2.08	ppb
Strontium	86-1	506.02	510.47	502.28	506.26	0.81	ppb
Strontium	88-1	518.20	516.78	508.13	514.37	1.06	ppb
Sulfur	34-1	10710.91	10325.13	9979.11	10338.39	3.54	ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	536.29	529.88	516.43	527.53	1.92	ppb
Thallium	205-1	529.04	523.39	510.73	521.05	1.80	ppb
Tin	118-1	528.43	518.09	509.80	518.77	1.80	ppb
Titanium	47-1	2580.64	2578.34	2563.91	2574.30	0.35	ppb
Uranium	238-1	527.02	528.97	513.29	523.10	1.63	ppb
Vanadium	51-2	507.56	495.31	490.96	497.95	1.73	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	979.08	948.02	941.36	956.15	2.11	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	CCV84	Instrumnet Name :	P8
Client Sample ID :	CCV84	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 18:11:56	DataFile Name :	048CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	511.03	523.30	507.09	513.81	1.64	ppb
Zirconium	91-1	521.70	517.06	510.41	516.39	1.10	ppb

LB Number : LB98428 Operator : Jaswal
 Lab Sample ID : CCB84 Instrumnet Name : P8
 Client Sample ID : CCB84 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-06 18:15:09 DataFile Name : 049CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.96	-0.58	-0.19	0.06	1247.63	ppb
Antimony	121-1	1.14	1.10	1.06	1.10	3.71	ppb
Arsenic	75-2	0.14	0.14	0.07	0.12	35.47	ppb
Barium	135-1	0.03	0.02	0.03	0.03	21.46	ppb
Barium	137-1	0.06	0.05	0.03	0.05	36.93	ppb
Beryllium	9-1	0.27	0.23	0.22	0.24	10.85	ppb
Bismuth	209-1				104		%
Bismuth	209-2				104		%
Boron	10-1	24.73	23.48	18.52	22.24	14.77	ppb
Boron	11-1	23.94	22.37	20.29	22.20	8.25	ppb
Cadmium	111-1	0.06	0.10	0.05	0.07	33.99	ppb
Cadmium	106-1	0.43	1.07	0.34	0.61	64.55	ppb
Cadmium	108-1	-0.02	0.01	0.06	0.02	252.72	ppb
Calcium	43-1	4.43	6.62	3.21	4.75	36.36	ppb
Calcium	44-1	5.72	4.67	1.72	4.04	51.35	ppb
Chromium	52-2	-0.01	0.01	-0.09	-0.03		ppb
Cobalt	59-2	-0.01	0.00	0.01	0.00	1818.80	ppb
Copper	63-2	0.14	0.06	0.05	0.08	58.35	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				106		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				104		%
Iron	56-2	3.23	2.30	2.61	2.71	17.48	ppb
Iron	57-2	3.50	3.71	0.73	2.65	62.88	ppb
Krypton	83-1	-150.99	732.91	307.49	296.47	149.11	ppb
Lead	206-1	0.12	0.09	0.08	0.09	23.88	ppb
Lead	207-1	0.08	0.10	0.07	0.08	13.14	ppb
Lead	208-1	0.10	0.09	0.08	0.09	13.71	ppb
Lithium	6-1				103		%
Magnesium	24-2	10.30	7.36	7.57	8.41	19.48	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	CCB84	Instrumnet Name :	P8
Client Sample ID :	CCB84	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 18:15:09	DataFile Name :	049CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.03	-0.02	0.02	-0.01		ppb
Molybdenum	94-1	0.78	0.71	0.64	0.71	9.72	ppb
Molybdenum	95-1	0.79	0.67	0.63	0.70	11.31	ppb
Molybdenum	96-1	0.84	0.73	0.66	0.74	12.03	ppb
Molybdenum	97-1	0.84	0.74	0.61	0.73	16.22	ppb
Molybdenum	98-1	0.88	0.73	0.65	0.75	15.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.02	0.06	0.01	821.62	ppb
Phosphorus	31-2	26.00	5.72	6.03	12.58	92.37	ppb
Potassium	39-2	24.10	9.72	4.89	12.90	77.45	ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				103		%
Scandium	45-2				103		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.04	-1.04	-1.04	-1.04		ppb
Selenium	82-1	-0.06	0.60	0.07	0.20	171.36	ppb
Silicon	28-1	-2.82	-1.33	-3.64	-2.60		ppb
Silver	109-1	0.04	0.03	0.04	0.04	19.84	ppb
Silver	107-1	0.05	0.04	0.04	0.04	12.90	ppb
Sodium	23-2	38.23	40.91	31.60	36.91	12.99	ppb
Strontium	86-1	0.00	-0.01	-0.06	-0.03		ppb
Strontium	88-1	0.02	0.01	0.01	0.01	58.24	ppb
Sulfur	34-1	-676.01	-480.88	-822.81	-659.90		ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	0.28	0.30	0.23	0.27	13.94	ppb
Thallium	205-1	0.30	0.27	0.24	0.27	10.98	ppb
Tin	118-1	0.37	0.37	0.32	0.36	7.89	ppb
Titanium	47-1	0.16	0.02	0.07	0.08	86.03	ppb
Uranium	238-1	0.02	0.01	0.01	0.01	42.47	ppb
Vanadium	51-2	-0.01	0.00	0.01	0.00		ppb
Yttrium	89-1				104		%
Yttrium	89-2				103		%
Zinc	66-2	0.07	-0.19	-0.14	-0.08		ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	CCB84	Instrumnet Name :	P8
Client Sample ID :	CCB84	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 18:15:09	DataFile Name :	049CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.13	0.13	0.12	0.13	4.22	ppb
Zirconium	91-1	0.13	0.15	0.13	0.14	10.95	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5215-07	Instrumnet Name :	P8
Client Sample ID :	PLAY-PALS-A	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 18:18:34	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25.51	26.31	26.30	26.04	1.76	ppb
Antimony	121-1	0.37	0.38	0.37	0.38	1.85	ppb
Arsenic	75-2	0.32	0.17	0.33	0.27	32.48	ppb
Barium	135-1	37.33	36.73	37.11	37.06	0.83	ppb
Barium	137-1	37.69	37.04	37.75	37.49	1.05	ppb
Beryllium	9-1	0.12	0.11	0.19	0.14	29.63	ppb
Bismuth	209-1				116		%
Bismuth	209-2				113		%
Boron	10-1	55.67	51.63	54.35	53.88	3.83	ppb
Boron	11-1	53.38	52.78	54.46	53.54	1.59	ppb
Cadmium	111-1	0.07	0.07	0.06	0.06	9.18	ppb
Cadmium	106-1	0.44	0.26	0.38	0.36	25.79	ppb
Cadmium	108-1	0.10	0.30	0.26	0.22	47.71	ppb
Calcium	43-1	23183.74	22597.85	23071.16	22950.92	1.35	ppb
Calcium	44-1	23050.53	22559.98	22949.28	22853.26	1.13	ppb
Chromium	52-2	0.09	0.14	0.02	0.08	73.42	ppb
Cobalt	59-2	0.07	0.08	0.05	0.07	18.50	ppb
Copper	63-2	472.27	487.36	479.01	479.55	1.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				118		%
Holmium	165-2				117		%
Indium	115-1				117		%
Indium	115-2				113		%
Iron	56-2	56.13	55.94	54.80	55.62	1.29	ppb
Iron	57-2	53.87	50.51	61.38	55.25	10.07	ppb
Krypton	83-1	1230.16	465.33	372.95	689.48	68.24	ppb
Lead	206-1	2.02	2.04	2.06	2.04	1.13	ppb
Lead	207-1	1.85	1.85	1.86	1.85	0.42	ppb
Lead	208-1	1.93	1.95	1.95	1.94	0.51	ppb
Lithium	6-1				114		%
Magnesium	24-2	6506.13	6598.58	6527.71	6544.14	0.74	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5215-07	Instrumnet Name :	P8
Client Sample ID :	PLAY-PALS-A	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 18:18:34	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	4.55	4.18	4.14	4.29	5.24	ppb
Molybdenum	94-1	0.59	0.51	0.54	0.54	7.22	ppb
Molybdenum	95-1	0.58	0.55	0.59	0.57	3.39	ppb
Molybdenum	96-1	0.58	0.58	0.55	0.57	2.75	ppb
Molybdenum	97-1	0.64	0.63	0.59	0.62	4.46	ppb
Molybdenum	98-1	0.59	0.59	0.57	0.58	1.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.66	8.46	7.93	8.02	5.06	ppb
Phosphorus	31-2	450.17	463.37	562.51	492.02	12.48	ppb
Potassium	39-2	3095.72	3141.74	3138.75	3125.40	0.82	ppb
Rhodium	103-1				114		%
Rhodium	103-2				114		%
Scandium	45-1				116		%
Scandium	45-2				114		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.03	-1.04	1.68	0.56	254.62	ppb
Selenium	82-1	0.47	0.19	0.42	0.36	41.19	ppb
Silicon	28-1	5053.73	4941.72	4976.50	4990.65	1.15	ppb
Silver	109-1	0.03	0.02	0.03	0.03	3.41	ppb
Silver	107-1	0.03	0.01	0.02	0.02	39.79	ppb
Sodium	23-2	28599.43	29642.25	28963.66	29068.44	1.82	ppb
Strontium	86-1	117.00	115.23	117.18	116.47	0.93	ppb
Strontium	88-1	121.70	119.37	122.01	121.03	1.19	ppb
Sulfur	34-1	15753.64	15320.41	15585.27	15553.11	1.40	ppb
Terbium	159-1				117		%
Terbium	159-2				117		%
Thallium	203-1	0.11	0.12	0.11	0.11	4.84	ppb
Thallium	205-1	0.11	0.13	0.11	0.12	10.84	ppb
Tin	118-1	0.16	0.17	0.19	0.17	7.64	ppb
Titanium	47-1	0.21	0.32	0.35	0.29	25.70	ppb
Uranium	238-1	0.04	0.05	0.05	0.04	11.15	ppb
Vanadium	51-2	0.62	0.66	0.63	0.64	3.07	ppb
Yttrium	89-1				117		%
Yttrium	89-2				113		%
Zinc	66-2	745.71	759.96	750.36	752.01	0.97	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5215-07	Instrumnet Name :	P8
Client Sample ID :	PLAY-PALS-A	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 18:18:34	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.07	0.05	0.05	0.06	16.76	ppb
Zirconium	91-1	0.05	0.07	0.08	0.07	21.24	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5215-09	Instrumnet Name :	P8
Client Sample ID :	1ST-FLOOR-WATER-FO	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 18:21:56	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37.41	25.55	27.48	30.15	21.12	ppb
Antimony	121-1	0.22	0.23	0.22	0.22	3.98	ppb
Arsenic	75-2	0.19	0.23	0.19	0.20	11.00	ppb
Barium	135-1	37.93	37.93	38.41	38.09	0.74	ppb
Barium	137-1	38.25	37.73	38.32	38.10	0.85	ppb
Beryllium	9-1	0.07	0.03	0.06	0.05	46.04	ppb
Bismuth	209-1				114		%
Bismuth	209-2				110		%
Boron	10-1	53.76	50.51	54.19	52.82	3.81	ppb
Boron	11-1	50.76	52.76	55.28	52.93	4.28	ppb
Cadmium	111-1	0.22	0.19	0.24	0.22	11.59	ppb
Cadmium	106-1	0.58	0.19	0.32	0.36	55.06	ppb
Cadmium	108-1	0.10	0.40	0.26	0.25	59.93	ppb
Calcium	43-1	23132.59	23041.24	23333.69	23169.18	0.65	ppb
Calcium	44-1	23275.51	23124.14	23288.98	23229.54	0.39	ppb
Chromium	52-2	0.34	0.30	0.20	0.28	26.18	ppb
Cobalt	59-2	0.04	0.06	0.05	0.05	19.87	ppb
Copper	63-2	815.70	838.94	811.14	821.92	1.81	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				118		%
Holmium	165-2				116		%
Indium	115-1				117		%
Indium	115-2				112		%
Iron	56-2	30.34	30.26	29.82	30.14	0.92	ppb
Iron	57-2	34.42	29.34	33.83	32.53	8.54	ppb
Krypton	83-1	885.82	930.60	1423.16	1079.86	27.61	ppb
Lead	206-1	0.85	0.85	0.94	0.88	6.13	ppb
Lead	207-1	0.76	0.76	0.77	0.76	0.70	ppb
Lead	208-1	0.81	0.79	0.84	0.81	2.83	ppb
Lithium	6-1				114		%
Magnesium	24-2	7202.63	7243.85	7115.02	7187.17	0.92	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5215-09	Instrumnet Name :	P8
Client Sample ID :	1ST-FLOOR-WATER-FO	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 18:21:56	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	4.26	4.98	4.57	4.61	7.84	ppb
Molybdenum	94-1	0.42	0.42	0.41	0.42	1.66	ppb
Molybdenum	95-1	0.46	0.56	0.52	0.51	9.76	ppb
Molybdenum	96-1	0.48	0.45	0.47	0.47	3.53	ppb
Molybdenum	97-1	0.55	0.52	0.54	0.54	2.65	ppb
Molybdenum	98-1	0.48	0.52	0.46	0.49	6.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.49	2.39	2.55	2.48	3.41	ppb
Phosphorus	31-2	340.73	424.62	448.42	404.59	13.98	ppb
Potassium	39-2	3200.74	3256.66	3224.39	3227.26	0.87	ppb
Rhodium	103-1				115		%
Rhodium	103-2				113		%
Scandium	45-1				116		%
Scandium	45-2				111		%
Selenium	77-2	4.14	4.26	0.00	2.80	86.63	ppb
Selenium	78-2	-0.36	-0.34	-0.35	-0.35		ppb
Selenium	82-1	0.36	0.42	0.76	0.51	41.81	ppb
Silicon	28-1	4850.08	4826.54	4877.49	4851.37	0.53	ppb
Silver	109-1	0.01	0.01	0.01	0.01	16.98	ppb
Silver	107-1	0.02	0.01	0.02	0.01	33.30	ppb
Sodium	23-2	29476.58	29940.07	29416.61	29611.09	0.97	ppb
Strontium	86-1	113.42	113.93	115.01	114.12	0.71	ppb
Strontium	88-1	119.05	119.36	119.14	119.18	0.13	ppb
Sulfur	34-1	14151.06	14214.59	14437.23	14267.63	1.05	ppb
Terbium	159-1				117		%
Terbium	159-2				115		%
Thallium	203-1	0.07	0.07	0.09	0.07	16.30	ppb
Thallium	205-1	0.08	0.09	0.08	0.08	5.57	ppb
Tin	118-1	0.47	0.46	0.40	0.44	8.34	ppb
Titanium	47-1	0.28	0.23	0.33	0.28	18.66	ppb
Uranium	238-1	0.04	0.04	0.04	0.04	10.32	ppb
Vanadium	51-2	0.65	0.76	0.77	0.73	9.29	ppb
Yttrium	89-1				117		%
Yttrium	89-2				112		%
Zinc	66-2	580.02	601.08	589.72	590.27	1.79	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5215-09	Instrumnet Name :	P8
Client Sample ID :	1ST-FLOOR-WATER-FO	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 18:21:56	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.05	0.05	0.05	0.05	4.90	ppb
Zirconium	91-1	0.06	0.04	0.05	0.05	22.91	ppb

LB Number : LB98428 Operator : Jaswal
 Lab Sample ID : J5215-11 Instrumnet Name : P8
 Client Sample ID : 2ND-FLOOR-WATER-FC Dilution Factor : 1
 Date & Time Acquired :: 2018-10-06 18:25:18 DataFile Name : 052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23.84	22.84	20.83	22.50	6.82	ppb
Antimony	121-1	0.19	0.22	0.20	0.20	9.55	ppb
Arsenic	75-2	0.20	0.17	0.32	0.23	32.79	ppb
Barium	135-1	33.35	33.84	34.68	33.96	1.97	ppb
Barium	137-1	32.71	33.54	34.83	33.69	3.17	ppb
Beryllium	9-1	0.03	0.09	0.05	0.06	57.45	ppb
Bismuth	209-1				113		%
Bismuth	209-2				113		%
Boron	10-1	47.11	45.30	51.13	47.85	6.23	ppb
Boron	11-1	47.58	47.87	52.13	49.19	5.18	ppb
Cadmium	111-1	0.18	0.10	0.13	0.14	28.64	ppb
Cadmium	106-1	0.23	-0.63	-0.08	-0.16		ppb
Cadmium	108-1	0.25	0.33	0.35	0.31	17.68	ppb
Calcium	43-1	20531.00	20852.05	21818.06	21067.04	3.18	ppb
Calcium	44-1	20627.31	20749.00	21731.56	21035.96	2.88	ppb
Chromium	52-2	0.44	0.33	0.45	0.41	16.50	ppb
Cobalt	59-2	0.02	0.04	0.06	0.04	52.53	ppb
Copper	63-2	797.97	777.20	781.69	785.62	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				116		%
Holmium	165-2				117		%
Indium	115-1				115		%
Indium	115-2				114		%
Iron	56-2	36.62	35.35	35.57	35.85	1.91	ppb
Iron	57-2	35.91	30.18	36.38	34.15	10.11	ppb
Krypton	83-1	1357.84	647.17	232.00	745.67	76.35	ppb
Lead	206-1	3.16	3.27	3.50	3.31	5.25	ppb
Lead	207-1	2.83	2.91	3.14	2.96	5.50	ppb
Lead	208-1	2.99	3.08	3.25	3.11	4.30	ppb
Lithium	6-1				111		%
Magnesium	24-2	6151.98	6085.56	6091.03	6109.52	0.60	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5215-11	Instrumnet Name :	P8
Client Sample ID :	2ND-FLOOR-WATER-FC	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 18:25:18	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	3.76	3.58	3.35	3.56	5.68	ppb
Molybdenum	94-1	0.43	0.44	0.49	0.45	6.82	ppb
Molybdenum	95-1	0.51	0.52	0.55	0.52	4.05	ppb
Molybdenum	96-1	0.58	0.50	0.60	0.56	9.17	ppb
Molybdenum	97-1	0.53	0.46	0.48	0.49	7.50	ppb
Molybdenum	98-1	0.52	0.53	0.53	0.53	1.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.95	1.59	1.71	1.75	10.38	ppb
Phosphorus	31-2	461.03	260.55	436.50	386.03	28.33	ppb
Potassium	39-2	3053.74	3039.58	3068.20	3053.84	0.47	ppb
Rhodium	103-1				114		%
Rhodium	103-2				114		%
Scandium	45-1				114		%
Scandium	45-2				115		%
Selenium	77-2	0.00	0.00	4.13	1.38	173.21	ppb
Selenium	78-2	-1.04	-1.04	-1.04	-1.04		ppb
Selenium	82-1	0.69	-0.03	-0.01	0.22	190.19	ppb
Silicon	28-1	4124.48	4177.79	4379.45	4227.24	3.18	ppb
Silver	109-1	0.01	0.01	0.01	0.01	33.77	ppb
Silver	107-1	0.01	0.01	0.01	0.01	33.09	ppb
Sodium	23-2	27429.32	26774.96	27008.47	27070.92	1.22	ppb
Strontium	86-1	99.98	101.71	107.53	103.08	3.84	ppb
Strontium	88-1	103.33	106.31	111.81	107.15	4.01	ppb
Sulfur	34-1	14237.60	14621.85	16081.82	14980.42	6.50	ppb
Terbium	159-1				115		%
Terbium	159-2				117		%
Thallium	203-1	0.06	0.05	0.07	0.06	19.47	ppb
Thallium	205-1	0.07	0.07	0.06	0.07	8.49	ppb
Tin	118-1	0.14	0.20	0.34	0.23	44.20	ppb
Titanium	47-1	0.16	0.31	0.33	0.27	36.16	ppb
Uranium	238-1	0.03	0.04	0.04	0.03	10.08	ppb
Vanadium	51-2	0.86	0.84	0.95	0.89	6.93	ppb
Yttrium	89-1				115		%
Yttrium	89-2				114		%
Zinc	66-2	661.79	647.55	645.40	651.58	1.37	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5215-11	Instrumnet Name :	P8
Client Sample ID :	2ND-FLOOR-WATER-FC	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 18:25:18	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.04	0.03	0.02	0.03	23.65	ppb
Zirconium	91-1	0.02	0.05	0.03	0.04	45.11	ppb

LB Number : LB98428 Operator : Jaswal
 Lab Sample ID : J5215-13 Instrumnet Name : P8
 Client Sample ID : ROOM-201A-A-SINK-A Dilution Factor : 1
 Date & Time Acquired :: 2018-10-06 18:28:40 DataFile Name : 053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25.64	28.25	24.17	26.02	7.96	ppb
Antimony	121-1	0.38	0.38	0.38	0.38	0.79	ppb
Arsenic	75-2	0.22	0.15	0.19	0.19	16.86	ppb
Barium	135-1	40.24	39.11	38.92	39.42	1.81	ppb
Barium	137-1	40.45	38.87	39.95	39.76	2.03	ppb
Beryllium	9-1	0.02	0.06	0.05	0.04	46.33	ppb
Bismuth	209-1				114		%
Bismuth	209-2				113		%
Boron	10-1	53.84	52.58	53.53	53.32	1.23	ppb
Boron	11-1	53.68	52.02	54.03	53.24	2.02	ppb
Cadmium	111-1	0.06	0.08	0.09	0.08	20.41	ppb
Cadmium	106-1	0.40	0.90	0.77	0.69	37.21	ppb
Cadmium	108-1	0.66	0.80	0.40	0.62	32.30	ppb
Calcium	43-1	25499.53	24384.29	24507.47	24797.10	2.47	ppb
Calcium	44-1	25440.30	24118.15	24310.74	24623.06	2.90	ppb
Chromium	52-2	0.15	0.05	0.17	0.12	51.77	ppb
Cobalt	59-2	0.12	0.11	0.11	0.11	5.01	ppb
Copper	63-2	356.06	353.28	355.20	354.85	0.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				118		%
Holmium	165-2				118		%
Indium	115-1				116		%
Indium	115-2				113		%
Iron	56-2	79.97	78.58	77.56	78.70	1.54	ppb
Iron	57-2	72.14	80.25	85.89	79.42	8.70	ppb
Krypton	83-1	879.75	1452.63	1775.61	1369.33	33.13	ppb
Lead	206-1	10.57	10.23	10.24	10.35	1.89	ppb
Lead	207-1	9.68	9.35	9.39	9.47	1.89	ppb
Lead	208-1	10.04	9.68	9.72	9.81	2.00	ppb
Lithium	6-1				113		%
Magnesium	24-2	7195.54	7069.55	7099.77	7121.62	0.92	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5215-13	Instrumnet Name :	P8
Client Sample ID :	ROOM-201A-A-SINK-A	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 18:28:40	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	11.22	10.88	12.05	11.39	5.30	ppb
Molybdenum	94-1	0.43	0.40	0.42	0.42	4.20	ppb
Molybdenum	95-1	0.54	0.56	0.46	0.52	10.71	ppb
Molybdenum	96-1	0.50	0.46	0.54	0.50	7.83	ppb
Molybdenum	97-1	0.49	0.54	0.50	0.51	4.58	ppb
Molybdenum	98-1	0.53	0.54	0.49	0.52	4.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.16	6.03	6.02	6.07	1.33	ppb
Phosphorus	31-2	405.39	400.67	385.65	397.24	2.59	ppb
Potassium	39-2	3020.92	2989.09	2943.24	2984.42	1.31	ppb
Rhodium	103-1				115		%
Rhodium	103-2				114		%
Scandium	45-1				116		%
Scandium	45-2				114		%
Selenium	77-2	0.00	4.13	0.00	1.38	173.21	ppb
Selenium	78-2	-1.04	-0.36	-0.35	-0.58		ppb
Selenium	82-1	0.31	0.63	0.99	0.64	53.05	ppb
Silicon	28-1	5105.50	4916.68	4957.10	4993.09	1.99	ppb
Silver	109-1	0.01	0.01	0.01	0.01	27.69	ppb
Silver	107-1	0.02	0.01	0.01	0.01	24.40	ppb
Sodium	23-2	30246.02	29577.78	29713.83	29845.88	1.18	ppb
Strontium	86-1	126.41	125.38	122.39	124.73	1.67	ppb
Strontium	88-1	132.11	129.13	126.86	129.37	2.04	ppb
Sulfur	34-1	17137.42	15888.13	16194.11	16406.55	3.97	ppb
Terbium	159-1				117		%
Terbium	159-2				116		%
Thallium	203-1	0.06	0.06	0.03	0.05	28.26	ppb
Thallium	205-1	0.06	0.06	0.06	0.06	2.66	ppb
Tin	118-1	0.11	0.10	0.10	0.10	6.87	ppb
Titanium	47-1	0.28	0.25	0.31	0.28	10.98	ppb
Uranium	238-1	0.05	0.05	0.06	0.05	11.13	ppb
Vanadium	51-2	0.58	0.45	0.49	0.51	12.37	ppb
Yttrium	89-1				116		%
Yttrium	89-2				114		%
Zinc	66-2	1768.78	1745.37	1753.46	1755.87	0.68	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5215-13	Instrumnet Name :	P8
Client Sample ID :	ROOM-201A-A-SINK-A	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 18:28:40	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.03	0.03	0.04	0.03	8.64	ppb
Zirconium	91-1	0.05	0.03	0.04	0.04	24.04	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5215-15	Instrumnet Name :	P8
Client Sample ID :	ROOM-201A-A-SINK-B	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 18:32:02	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	30.90	31.92	25.78	29.53	11.15	ppb
Antimony	121-1	0.17	0.16	0.15	0.16	4.53	ppb
Arsenic	75-2	0.15	0.19	0.23	0.19	18.86	ppb
Barium	135-1	39.79	40.41	40.06	40.09	0.77	ppb
Barium	137-1	40.61	40.34	39.44	40.13	1.53	ppb
Beryllium	9-1	0.07	0.01	0.05	0.04	75.67	ppb
Bismuth	209-1				113		%
Bismuth	209-2				113		%
Boron	10-1	55.51	53.04	56.19	54.91	3.01	ppb
Boron	11-1	55.58	55.32	56.42	55.77	1.04	ppb
Cadmium	111-1	0.09	0.09	0.14	0.11	26.22	ppb
Cadmium	106-1	0.27	0.07	0.75	0.36	96.85	ppb
Cadmium	108-1	0.22	0.35	0.35	0.31	24.03	ppb
Calcium	43-1	25720.43	25583.97	25424.82	25576.41	0.58	ppb
Calcium	44-1	25738.93	25237.75	25558.52	25511.73	1.00	ppb
Chromium	52-2	0.08	0.10	0.16	0.11	36.78	ppb
Cobalt	59-2	0.04	0.04	0.04	0.04	8.72	ppb
Copper	63-2	230.68	238.66	235.13	234.82	1.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				118		%
Holmium	165-2				116		%
Indium	115-1				116		%
Indium	115-2				113		%
Iron	56-2	66.07	67.75	65.59	66.47	1.71	ppb
Iron	57-2	68.66	62.99	65.87	65.84	4.31	ppb
Krypton	83-1	776.79	588.62	1034.64	800.02	27.99	ppb
Lead	206-1	1.99	2.03	2.06	2.02	1.73	ppb
Lead	207-1	1.81	1.80	1.76	1.79	1.46	ppb
Lead	208-1	1.88	1.86	1.88	1.87	0.51	ppb
Lithium	6-1				114		%
Magnesium	24-2	7188.34	7382.25	7254.94	7275.18	1.35	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5215-15	Instrumnet Name :	P8
Client Sample ID :	ROOM-201A-A-SINK-B	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 18:32:02	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	4.71	4.82	4.45	4.66	4.12	ppb
Molybdenum	94-1	0.46	0.51	0.53	0.50	7.16	ppb
Molybdenum	95-1	0.64	0.59	0.61	0.61	4.11	ppb
Molybdenum	96-1	0.59	0.57	0.63	0.60	5.60	ppb
Molybdenum	97-1	0.67	0.64	0.56	0.62	8.79	ppb
Molybdenum	98-1	0.57	0.57	0.57	0.57	0.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.96	3.89	3.83	3.89	1.71	ppb
Phosphorus	31-2	453.04	378.29	389.97	407.10	9.88	ppb
Potassium	39-2	2976.45	3066.20	3072.68	3038.44	1.77	ppb
Rhodium	103-1				115		%
Rhodium	103-2				113		%
Scandium	45-1				115		%
Scandium	45-2				113		%
Selenium	77-2	8.29	4.19	0.00	4.16	99.59	ppb
Selenium	78-2	-1.04	-1.04	-0.34	-0.80		ppb
Selenium	82-1	0.27	0.13	0.59	0.33	71.19	ppb
Silicon	28-1	5071.42	4996.61	5025.71	5031.25	0.75	ppb
Silver	109-1	0.01	0.03	0.02	0.02	39.87	ppb
Silver	107-1	0.02	0.03	0.03	0.03	14.01	ppb
Sodium	23-2	30573.76	31145.99	30538.17	30752.64	1.11	ppb
Strontium	86-1	129.33	129.61	127.87	128.94	0.73	ppb
Strontium	88-1	134.17	133.80	133.74	133.90	0.18	ppb
Sulfur	34-1	17452.24	17104.18	17438.77	17331.73	1.14	ppb
Terbium	159-1				117		%
Terbium	159-2				116		%
Thallium	203-1	0.05	0.04	0.04	0.04	10.64	ppb
Thallium	205-1	0.04	0.04	0.05	0.04	8.88	ppb
Tin	118-1	0.07	0.11	0.08	0.09	25.71	ppb
Titanium	47-1	0.39	0.29	0.28	0.32	18.51	ppb
Uranium	238-1	0.06	0.06	0.07	0.06	9.86	ppb
Vanadium	51-2	0.53	0.50	0.45	0.49	8.67	ppb
Yttrium	89-1				117		%
Yttrium	89-2				112		%
Zinc	66-2	888.13	904.43	892.11	894.89	0.95	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5215-15	Instrumnet Name :	P8
Client Sample ID :	ROOM-201A-A-SINK-B	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 18:32:02	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.04	0.04	0.04	0.04	10.66	ppb
Zirconium	91-1	0.04	0.03	0.04	0.03	17.89	ppb

LB Number : LB98428 Operator : Jaswal
 Lab Sample ID : J5215-17 Instrumnet Name : P8
 Client Sample ID : ROOM-201A-BATHROOI Dilution Factor : 1
 Date & Time Acquired :: 2018-10-06 18:35:24 DataFile Name : 055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35.08	33.56	36.76	35.13	4.55	ppb
Antimony	121-1	0.13	0.14	0.15	0.14	8.34	ppb
Arsenic	75-2	0.18	0.26	0.26	0.23	20.03	ppb
Barium	135-1	41.66	42.10	41.68	41.81	0.59	ppb
Barium	137-1	42.25	41.72	41.92	41.96	0.65	ppb
Beryllium	9-1	0.01	0.03	0.05	0.03	56.93	ppb
Bismuth	209-1				113		%
Bismuth	209-2				111		%
Boron	10-1	49.62	54.38	58.29	54.10	8.02	ppb
Boron	11-1	53.06	53.86	55.35	54.09	2.15	ppb
Cadmium	111-1	0.06	0.03	0.00	0.03	102.28	ppb
Cadmium	106-1	0.69	0.09	-0.19	0.20	226.89	ppb
Cadmium	108-1	0.03	0.00	0.05	0.03	96.43	ppb
Calcium	43-1	26228.77	26119.16	26370.67	26239.54	0.48	ppb
Calcium	44-1	26164.12	26225.58	26233.51	26207.74	0.14	ppb
Chromium	52-2	0.32	0.19	0.25	0.25	24.63	ppb
Cobalt	59-2	0.02	0.03	0.03	0.03	24.89	ppb
Copper	63-2	67.88	64.64	64.29	65.60	3.02	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				117		%
Holmium	165-2				115		%
Indium	115-1				115		%
Indium	115-2				110		%
Iron	56-2	141.54	133.75	132.59	135.96	3.58	ppb
Iron	57-2	137.80	133.72	140.46	137.33	2.47	ppb
Krypton	83-1	917.02	1008.03	896.08	940.38	6.33	ppb
Lead	206-1	0.66	0.70	0.62	0.66	5.49	ppb
Lead	207-1	0.60	0.61	0.57	0.59	3.31	ppb
Lead	208-1	0.60	0.63	0.60	0.61	2.64	ppb
Lithium	6-1				111		%
Magnesium	24-2	7589.82	7341.77	7310.03	7413.87	2.07	ppb

LB Number : LB98428 Operator : Jaswal
 Lab Sample ID : J5215-17 Instrumnet Name : P8
 Client Sample ID : ROOM-201A-BATHROOI Dilution Factor : 1
 Date & Time Acquired :: 2018-10-06 18:35:24 DataFile Name : 055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	4.71	4.65	5.29	4.88	7.21	ppb
Molybdenum	94-1	0.51	0.44	0.44	0.46	9.32	ppb
Molybdenum	95-1	0.54	0.47	0.55	0.52	8.54	ppb
Molybdenum	96-1	0.52	0.51	0.56	0.53	5.33	ppb
Molybdenum	97-1	0.48	0.58	0.56	0.54	9.62	ppb
Molybdenum	98-1	0.59	0.51	0.59	0.56	7.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.82	0.85	0.52	0.73	25.01	ppb
Phosphorus	31-2	647.60	649.88	583.61	627.03	6.00	ppb
Potassium	39-2	2984.52	2698.15	2769.48	2817.38	5.29	ppb
Rhodium	103-1				114		%
Rhodium	103-2				110		%
Scandium	45-1				115		%
Scandium	45-2				112		%
Selenium	77-2	0.00	4.24	0.00	1.41	173.21	ppb
Selenium	78-2	0.37	-1.04	-0.34	-0.34		ppb
Selenium	82-1	0.24	0.43	0.42	0.36	29.63	ppb
Silicon	28-1	5474.41	5360.73	5408.73	5414.62	1.05	ppb
Silver	109-1	0.02	0.01	0.01	0.01	63.54	ppb
Silver	107-1	0.01	0.01	0.01	0.01	32.45	ppb
Sodium	23-2	31715.82	29735.87	29631.23	30360.97	3.87	ppb
Strontium	86-1	136.08	134.51	135.66	135.42	0.60	ppb
Strontium	88-1	141.58	140.76	141.03	141.12	0.29	ppb
Sulfur	34-1	16656.04	16419.67	16588.52	16554.75	0.74	ppb
Terbium	159-1				116		%
Terbium	159-2				114		%
Thallium	203-1	0.04	0.02	0.04	0.03	25.70	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	9.71	ppb
Tin	118-1	0.07	0.08	0.09	0.08	14.80	ppb
Titanium	47-1	0.40	0.30	0.32	0.34	15.14	ppb
Uranium	238-1	0.05	0.04	0.05	0.05	11.34	ppb
Vanadium	51-2	0.49	0.49	0.64	0.54	16.21	ppb
Yttrium	89-1				116		%
Yttrium	89-2				111		%
Zinc	66-2	16.20	16.01	15.80	16.00	1.23	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5215-17	Instrumnet Name :	P8
Client Sample ID :	ROOM-201A-BATHROOI	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 18:35:24	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.02	0.03	0.02	13.50	ppb
Zirconium	91-1	0.05	0.05	0.05	0.05	3.51	ppb

LB Number : LB98428 Operator : Jaswal
 Lab Sample ID : J5215-19 Instrumnet Name : P8
 Client Sample ID : GYM-AREA-WATER-FOI Dilution Factor : 1
 Date & Time Acquired :: 2018-10-06 18:38:46 DataFile Name : 056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	32.29	41.08	27.91	33.76	19.87	ppb
Antimony	121-1	0.11	0.11	0.13	0.12	8.24	ppb
Arsenic	75-2	0.16	0.06	0.09	0.11	48.09	ppb
Barium	135-1	40.53	40.66	42.42	41.20	2.56	ppb
Barium	137-1	40.00	40.93	43.04	41.32	3.78	ppb
Beryllium	9-1	0.00	0.03	-0.02	0.00	934.05	ppb
Bismuth	209-1				112		%
Bismuth	209-2				110		%
Boron	10-1	51.08	54.10	57.57	54.25	5.98	ppb
Boron	11-1	52.33	54.46	58.15	54.98	5.35	ppb
Cadmium	111-1	-0.03	0.02	0.00	-0.01		ppb
Cadmium	106-1	-0.54	0.28	-0.08	-0.11		ppb
Cadmium	108-1	0.03	0.03	0.03	0.03	9.69	ppb
Calcium	43-1	25277.76	25640.96	26790.08	25902.94	3.05	ppb
Calcium	44-1	25658.50	25633.06	26750.96	26014.17	2.45	ppb
Chromium	52-2	0.17	0.04	0.08	0.09	71.64	ppb
Cobalt	59-2	0.03	0.03	0.02	0.02	24.00	ppb
Copper	63-2	133.56	132.07	132.54	132.72	0.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				114		%
Indium	115-1				114		%
Indium	115-2				110		%
Iron	56-2	108.93	105.42	103.39	105.91	2.65	ppb
Iron	57-2	106.67	113.03	94.62	104.77	8.92	ppb
Krypton	83-1	455.68	1334.86	213.19	667.91	88.36	ppb
Lead	206-1	0.21	0.21	0.22	0.21	3.27	ppb
Lead	207-1	0.20	0.19	0.22	0.20	5.37	ppb
Lead	208-1	0.20	0.20	0.20	0.20	1.25	ppb
Lithium	6-1				110		%
Magnesium	24-2	7396.25	7195.49	7205.86	7265.86	1.56	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5215-19	Instrumnet Name :	P8
Client Sample ID :	GYM-AREA-WATER-FOI	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 18:38:46	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	4.02	4.82	4.65	4.49	9.37	ppb
Molybdenum	94-1	0.42	0.39	0.44	0.42	6.47	ppb
Molybdenum	95-1	0.51	0.53	0.59	0.55	7.61	ppb
Molybdenum	96-1	0.58	0.48	0.54	0.53	10.02	ppb
Molybdenum	97-1	0.53	0.52	0.52	0.52	1.28	ppb
Molybdenum	98-1	0.57	0.54	0.57	0.56	3.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.42	0.56	0.45	0.48	15.03	ppb
Phosphorus	31-2	422.74	471.98	473.04	455.92	6.30	ppb
Potassium	39-2	2828.72	2736.70	2721.89	2762.44	2.10	ppb
Rhodium	103-1				111		%
Rhodium	103-2				111		%
Scandium	45-1				112		%
Scandium	45-2				110		%
Selenium	77-2	4.28	0.00	0.00	1.43	173.21	ppb
Selenium	78-2	0.37	-0.34	-0.34	-0.10		ppb
Selenium	82-1	-0.14	0.80	-0.22	0.15	391.25	ppb
Silicon	28-1	5227.84	5270.65	5496.61	5331.70	2.71	ppb
Silver	109-1	0.01	0.01	0.01	0.01	29.92	ppb
Silver	107-1	0.01	0.01	0.02	0.01	38.07	ppb
Sodium	23-2	29979.52	30074.38	29606.42	29886.77	0.83	ppb
Strontium	86-1	132.13	132.36	139.57	134.68	3.14	ppb
Strontium	88-1	137.42	137.19	143.13	139.25	2.41	ppb
Sulfur	34-1	15971.07	16311.87	17439.67	16574.20	4.64	ppb
Terbium	159-1				114		%
Terbium	159-2				114		%
Thallium	203-1	0.04	0.02	0.04	0.03	32.69	ppb
Thallium	205-1	0.03	0.04	0.03	0.03	12.73	ppb
Tin	118-1	0.05	0.07	0.07	0.06	14.97	ppb
Titanium	47-1	0.32	0.28	0.43	0.35	21.95	ppb
Uranium	238-1	0.05	0.05	0.05	0.05	5.71	ppb
Vanadium	51-2	0.57	0.47	0.63	0.56	14.34	ppb
Yttrium	89-1				114		%
Yttrium	89-2				110		%
Zinc	66-2	11.43	10.89	10.79	11.04	3.11	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5215-19	Instrumnet Name :	P8
Client Sample ID :	GYM-AREA-WATER-FOI	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 18:38:46	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.02	0.03	0.02	22.58	ppb
Zirconium	91-1	0.01	0.04	0.03	0.03	49.54	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5215-21	Instrumnet Name :	P8
Client Sample ID :	GYM-AREA-SINK-A-A	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 18:42:08	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	29.70	28.10	31.44	29.75	5.61	ppb
Antimony	121-1	0.13	0.12	0.13	0.13	6.66	ppb
Arsenic	75-2	0.05	0.06	0.20	0.10	79.78	ppb
Barium	135-1	42.56	42.28	42.27	42.37	0.38	ppb
Barium	137-1	42.16	42.47	42.70	42.44	0.64	ppb
Beryllium	9-1	0.00	0.03	0.04	0.02	81.37	ppb
Bismuth	209-1				113		%
Bismuth	209-2				107		%
Boron	10-1	57.90	58.78	59.14	58.61	1.08	ppb
Boron	11-1	56.45	56.20	58.90	57.19	2.61	ppb
Cadmium	111-1	0.08	0.04	-0.02	0.03	170.53	ppb
Cadmium	106-1	0.88	0.28	-0.37	0.26	236.69	ppb
Cadmium	108-1	0.03	0.00	0.10	0.04	119.98	ppb
Calcium	43-1	26632.74	27299.27	27133.40	27021.80	1.28	ppb
Calcium	44-1	26931.29	27220.99	27070.08	27074.12	0.54	ppb
Chromium	52-2	0.29	0.22	0.16	0.22	28.55	ppb
Cobalt	59-2	0.04	0.05	0.05	0.05	14.32	ppb
Copper	63-2	360.88	340.76	341.18	347.61	3.31	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				116		%
Holmium	165-2				112		%
Indium	115-1				114		%
Indium	115-2				108		%
Iron	56-2	72.17	68.47	69.23	69.96	2.79	ppb
Iron	57-2	64.93	72.59	67.93	68.48	5.64	ppb
Krypton	83-1	1089.46	755.11	1319.51	1054.69	26.91	ppb
Lead	206-1	0.91	0.95	0.92	0.93	2.23	ppb
Lead	207-1	0.89	0.89	0.90	0.89	0.53	ppb
Lead	208-1	0.92	0.91	0.91	0.91	0.71	ppb
Lithium	6-1				111		%
Magnesium	24-2	8059.30	7639.26	7637.06	7778.54	3.13	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5215-21	Instrumnet Name :	P8
Client Sample ID :	GYM-AREA-SINK-A-A	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 18:42:08	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	5.85	5.26	4.94	5.35	8.70	ppb
Molybdenum	94-1	0.50	0.52	0.43	0.48	9.99	ppb
Molybdenum	95-1	0.66	0.64	0.68	0.66	3.02	ppb
Molybdenum	96-1	0.62	0.62	0.65	0.63	2.87	ppb
Molybdenum	97-1	0.70	0.74	0.64	0.70	7.58	ppb
Molybdenum	98-1	0.65	0.65	0.65	0.65	0.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.37	1.19	1.16	1.24	9.25	ppb
Phosphorus	31-2	488.42	536.75	484.95	503.38	5.75	ppb
Potassium	39-2	3051.09	2921.47	2902.67	2958.41	2.73	ppb
Rhodium	103-1				112		%
Rhodium	103-2				108		%
Scandium	45-1				113		%
Scandium	45-2				106		%
Selenium	77-2	4.53	0.00	0.00	1.51	173.21	ppb
Selenium	78-2	-1.04	-0.34	-0.32	-0.57		ppb
Selenium	82-1	0.55	0.29	0.48	0.44	30.11	ppb
Silicon	28-1	5327.01	5378.85	5356.30	5354.05	0.49	ppb
Silver	109-1	0.03	0.02	0.03	0.03	28.97	ppb
Silver	107-1	0.02	0.02	0.03	0.02	4.66	ppb
Sodium	23-2	32891.81	31035.92	31271.67	31733.13	3.18	ppb
Strontium	86-1	137.98	138.42	138.04	138.14	0.17	ppb
Strontium	88-1	140.79	143.82	143.66	142.76	1.20	ppb
Sulfur	34-1	17662.39	17991.58	17697.94	17783.97	1.02	ppb
Terbium	159-1				115		%
Terbium	159-2				110		%
Thallium	203-1	0.03	0.03	0.03	0.03	13.08	ppb
Thallium	205-1	0.03	0.03	0.04	0.03	6.79	ppb
Tin	118-1	0.06	0.12	0.09	0.09	31.17	ppb
Titanium	47-1	0.35	0.27	0.26	0.29	17.35	ppb
Uranium	238-1	0.05	0.05	0.05	0.05	3.51	ppb
Vanadium	51-2	0.69	0.46	0.52	0.56	20.83	ppb
Yttrium	89-1				115		%
Yttrium	89-2				108		%
Zinc	66-2	59.94	58.89	57.06	58.63	2.48	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5215-21	Instrumnet Name :	P8
Client Sample ID :	GYM-AREA-SINK-A-A	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 18:42:08	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.03	0.01	0.02	60.81	ppb
Zirconium	91-1	0.05	0.01	0.03	0.03	56.25	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5215-23	Instrumnet Name :	P8
Client Sample ID :	GYM-AREA-SINK-B-A	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 18:45:30	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28.71	35.95	36.23	33.63	12.68	ppb
Antimony	121-1	0.14	0.14	0.14	0.14	2.71	ppb
Arsenic	75-2	0.11	0.14	0.05	0.10	48.05	ppb
Barium	135-1	39.71	40.21	41.33	40.42	2.05	ppb
Barium	137-1	40.52	40.66	41.14	40.77	0.79	ppb
Beryllium	9-1	0.03	0.02	-0.03	0.00	698.52	ppb
Bismuth	209-1				114		%
Bismuth	209-2				108		%
Boron	10-1	54.31	55.51	56.42	55.41	1.91	ppb
Boron	11-1	53.30	56.08	55.55	54.98	2.68	ppb
Cadmium	111-1	-0.02	0.01	0.03	0.01	424.64	ppb
Cadmium	106-1	-0.63	-0.47	-0.09	-0.40		ppb
Cadmium	108-1	0.05	0.03	0.10	0.06	64.15	ppb
Calcium	43-1	25881.88	25716.17	25749.05	25782.37	0.34	ppb
Calcium	44-1	26025.92	25872.62	25581.73	25826.76	0.87	ppb
Chromium	52-2	0.20	0.10	0.13	0.14	37.03	ppb
Cobalt	59-2	0.12	0.10	0.08	0.10	21.15	ppb
Copper	63-2	245.31	266.78	250.57	254.22	4.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				112		%
Indium	115-1				114		%
Indium	115-2				109		%
Iron	56-2	68.95	75.07	72.32	72.11	4.25	ppb
Iron	57-2	75.30	71.25	65.33	70.63	7.10	ppb
Krypton	83-1	740.14	699.13	568.53	669.27	13.39	ppb
Lead	206-1	2.27	2.20	2.22	2.23	1.63	ppb
Lead	207-1	2.03	2.07	1.98	2.03	2.14	ppb
Lead	208-1	2.09	2.06	2.05	2.07	0.95	ppb
Lithium	6-1				111		%
Magnesium	24-2	7201.20	7616.49	7332.96	7383.55	2.87	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5215-23	Instrumnet Name :	P8
Client Sample ID :	GYM-AREA-SINK-B-A	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 18:45:30	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	6.50	7.23	5.96	6.56	9.76	ppb
Molybdenum	94-1	0.51	0.47	0.43	0.47	8.64	ppb
Molybdenum	95-1	0.49	0.53	0.63	0.55	13.37	ppb
Molybdenum	96-1	0.54	0.66	0.60	0.60	10.13	ppb
Molybdenum	97-1	0.55	0.63	0.60	0.59	7.00	ppb
Molybdenum	98-1	0.51	0.59	0.59	0.56	8.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.86	1.76	1.49	1.70	11.13	ppb
Phosphorus	31-2	375.95	656.51	442.85	491.77	29.80	ppb
Potassium	39-2	2829.60	3048.27	2909.14	2929.00	3.78	ppb
Rhodium	103-1				113		%
Rhodium	103-2				109		%
Scandium	45-1				113		%
Scandium	45-2				108		%
Selenium	77-2	0.00	0.00	4.31	1.44	173.21	ppb
Selenium	78-2	-1.04	-0.30	-1.04	-0.79		ppb
Selenium	82-1	0.30	-0.06	0.05	0.10	198.07	ppb
Silicon	28-1	5166.77	5132.75	5113.35	5137.62	0.53	ppb
Silver	109-1	0.01	0.01	0.02	0.01	22.19	ppb
Silver	107-1	0.01	0.01	0.01	0.01	4.05	ppb
Sodium	23-2	29701.13	32415.08	30435.98	30850.73	4.55	ppb
Strontium	86-1	130.72	130.43	131.13	130.76	0.27	ppb
Strontium	88-1	136.11	135.99	137.18	136.43	0.48	ppb
Sulfur	34-1	17609.03	17498.26	17616.67	17574.65	0.38	ppb
Terbium	159-1				115		%
Terbium	159-2				111		%
Thallium	203-1	0.03	0.03	0.04	0.03	17.19	ppb
Thallium	205-1	0.03	0.02	0.03	0.03	9.70	ppb
Tin	118-1	0.08	0.05	0.07	0.07	21.08	ppb
Titanium	47-1	0.37	0.33	0.30	0.33	10.31	ppb
Uranium	238-1	0.04	0.04	0.04	0.04	6.15	ppb
Vanadium	51-2	0.48	0.51	0.52	0.50	3.81	ppb
Yttrium	89-1				115		%
Yttrium	89-2				108		%
Zinc	66-2	129.29	134.05	129.70	131.01	2.01	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5215-23	Instrumnet Name :	P8
Client Sample ID :	GYM-AREA-SINK-B-A	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 18:45:30	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.02	0.02	0.01	13.08	ppb
Zirconium	91-1	0.03	0.02	0.02	0.02	28.08	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5215-25	Instrumnet Name :	P8
Client Sample ID :	FB-A-10-02-2018(BNS)	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 18:48:53	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.72	22.39	18.57	19.56	12.73	ppb
Antimony	121-1	-0.01	-0.01	-0.02	-0.01		ppb
Arsenic	75-2	-0.04	0.01	-0.04	-0.02		ppb
Barium	135-1	0.13	0.20	0.14	0.16	22.16	ppb
Barium	137-1	0.17	0.15	0.17	0.16	7.92	ppb
Beryllium	9-1	0.03	0.04	0.01	0.03	52.64	ppb
Bismuth	209-1				113		%
Bismuth	209-2				112		%
Boron	10-1	7.79	7.68	8.00	7.83	2.09	ppb
Boron	11-1	8.99	8.83	8.23	8.68	4.59	ppb
Cadmium	111-1	-0.05	0.02	0.04	0.00	1794.49	ppb
Cadmium	106-1	-0.77	0.22	0.55	0.00	27547.58	ppb
Cadmium	108-1	0.03	-0.05	0.03	0.00	1506.24	ppb
Calcium	43-1	65.97	60.71	67.43	64.70	5.46	ppb
Calcium	44-1	63.43	64.98	62.23	63.54	2.17	ppb
Chromium	52-2	0.18	0.18	0.16	0.18	7.26	ppb
Cobalt	59-2	-0.01	0.00	-0.01	-0.01		ppb
Copper	63-2	0.24	0.14	0.15	0.18	29.85	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				114		%
Indium	115-1				114		%
Indium	115-2				111		%
Iron	56-2	2.14	2.03	1.94	2.04	5.06	ppb
Iron	57-2	3.12	4.11	1.62	2.95	42.51	ppb
Krypton	83-1	565.69	1618.67	1428.76	1204.37	46.60	ppb
Lead	206-1	0.06	0.08	0.07	0.07	10.81	ppb
Lead	207-1	0.08	0.05	0.06	0.06	19.80	ppb
Lead	208-1	0.07	0.06	0.06	0.06	6.27	ppb
Lithium	6-1				110		%
Magnesium	24-2	13.82	14.48	15.58	14.63	6.09	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5215-25	Instrumnet Name :	P8
Client Sample ID :	FB-A-10-02-2018(BNS)	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 18:48:53	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.15	0.41	0.24	0.27	49.53	ppb
Molybdenum	94-1	-0.02	-0.01	0.02	0.00		ppb
Molybdenum	95-1	-0.01	-0.02	-0.02	-0.02		ppb
Molybdenum	96-1	-0.02	0.00	-0.01	-0.01		ppb
Molybdenum	97-1	-0.01	-0.02	-0.01	-0.02		ppb
Molybdenum	98-1	0.00	-0.02	-0.02	-0.02		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.20	0.26	0.22	0.23	12.14	ppb
Phosphorus	31-2	-13.20	-13.20	-13.20	-13.20		ppb
Potassium	39-2	11.88	3.99	-12.74	1.04	1205.83	ppb
Rhodium	103-1				114		%
Rhodium	103-2				112		%
Scandium	45-1				111		%
Scandium	45-2				112		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.34	-0.34	-0.34	-0.34		ppb
Selenium	82-1	-0.22	0.67	0.48	0.31	151.18	ppb
Silicon	28-1	-11.05	-11.88	-11.62	-11.52		ppb
Silver	109-1	0.01	0.00	0.01	0.00	127.78	ppb
Silver	107-1	0.00	0.01	0.01	0.00	52.39	ppb
Sodium	23-2	21.57	22.15	28.25	23.99	15.42	ppb
Strontium	86-1	0.28	0.24	0.31	0.28	12.65	ppb
Strontium	88-1	0.36	0.35	0.37	0.36	2.25	ppb
Sulfur	34-1	-1333.37	-1293.98	-1136.36	-1254.57		ppb
Terbium	159-1				114		%
Terbium	159-2				113		%
Thallium	203-1	0.03	0.02	0.02	0.02	19.10	ppb
Thallium	205-1	0.03	0.02	0.03	0.02	17.03	ppb
Tin	118-1	0.05	0.09	0.09	0.08	25.12	ppb
Titanium	47-1	0.04	-0.05	0.05	0.01	437.86	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	28.89	ppb
Yttrium	89-1				114		%
Yttrium	89-2				111		%
Zinc	66-2	7.13	7.83	7.23	7.40	5.11	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5215-25	Instrumnet Name :	P8
Client Sample ID :	FB-A-10-02-2018(BNS)	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 18:48:53	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	-0.01	-0.01	0.00		ppb
Zirconium	91-1	0.03	0.01	0.00	0.01	92.32	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	CCV85	Instrumnet Name :	P8
Client Sample ID :	CCV85	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 18:52:17	DataFile Name :	060CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50463.05	50997.67	53152.77	51537.83	2.76	ppb
Antimony	121-1	503.59	506.70	511.33	507.21	0.77	ppb
Arsenic	75-2	503.09	502.64	525.74	510.49	2.59	ppb
Barium	135-1	2552.99	2558.79	2571.08	2560.95	0.36	ppb
Barium	137-1	2518.95	2539.83	2546.43	2535.07	0.57	ppb
Beryllium	9-1	511.87	509.25	524.50	515.21	1.58	ppb
Bismuth	209-1				97		%
Bismuth	209-2				94		%
Boron	10-1	510.53	517.99	537.26	521.93	2.64	ppb
Boron	11-1	509.47	514.21	539.28	520.99	3.08	ppb
Cadmium	111-1	486.94	488.16	488.06	487.72	0.14	ppb
Cadmium	106-1	499.49	499.95	503.32	500.92	0.42	ppb
Cadmium	108-1	500.28	497.38	494.68	497.44	0.56	ppb
Calcium	43-1	235147.05	234820.61	236880.77	235616.14	0.47	ppb
Calcium	44-1	233092.01	231489.31	234955.76	233179.03	0.74	ppb
Chromium	52-2	516.20	523.26	541.26	526.91	2.45	ppb
Cobalt	59-2	488.00	491.28	506.21	495.16	1.96	ppb
Copper	63-2	946.53	956.81	989.27	964.20	2.31	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				103		%
Holmium	165-2				101		%
Indium	115-1				97		%
Indium	115-2				94		%
Iron	56-2	122763.59	124015.25	127822.56	124867.14	2.11	ppb
Iron	57-2	123611.42	125896.81	128973.05	126160.43	2.13	ppb
Krypton	83-1	527.56	671.45	-199.21	333.27	140.04	ppb
Lead	206-1	512.45	510.85	530.58	517.96	2.11	ppb
Lead	207-1	512.75	511.01	522.69	515.48	1.22	ppb
Lead	208-1	507.80	508.24	524.66	513.57	1.87	ppb
Lithium	6-1				96		%
Magnesium	24-2	242391.88	246030.94	254336.19	247586.34	2.47	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	CCV85	Instrumnet Name :	P8
Client Sample ID :	CCV85	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 18:52:17	DataFile Name :	060CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	987.35	997.13	1036.76	1007.08	2.60	ppb
Molybdenum	94-1	2499.99	2470.02	2521.51	2497.17	1.04	ppb
Molybdenum	95-1	2494.26	2477.91	2523.36	2498.51	0.92	ppb
Molybdenum	96-1	2514.54	2508.00	2535.04	2519.20	0.56	ppb
Molybdenum	97-1	2524.06	2502.80	2538.51	2521.79	0.71	ppb
Molybdenum	98-1	2529.06	2495.96	2500.17	2508.40	0.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	499.06	503.19	522.77	508.34	2.49	ppb
Phosphorus	31-2	9815.59	10396.21	10338.44	10183.41	3.14	ppb
Potassium	39-2	121111.59	122478.90	128525.36	124038.62	3.18	ppb
Rhodium	103-1				95		%
Rhodium	103-2				94		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	77-2	468.95	480.79	470.46	473.40	1.36	ppb
Selenium	78-2	494.11	520.00	521.36	511.82	3.00	ppb
Selenium	82-1	495.40	492.07	499.56	495.67	0.76	ppb
Silicon	28-1	533.27	529.48	541.41	534.72	1.14	ppb
Silver	109-1	504.83	505.66	503.31	504.60	0.24	ppb
Silver	107-1	503.42	497.82	495.12	498.79	0.85	ppb
Sodium	23-2	243119.84	245390.46	256357.61	248289.30	2.85	ppb
Strontium	86-1	494.11	493.17	499.83	495.70	0.73	ppb
Strontium	88-1	503.57	505.20	505.78	504.85	0.23	ppb
Sulfur	34-1	10248.69	10088.32	10478.72	10271.91	1.91	ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	513.27	511.75	524.84	516.62	1.39	ppb
Thallium	205-1	507.74	508.67	517.56	511.32	1.06	ppb
Tin	118-1	507.02	507.48	512.25	508.92	0.57	ppb
Titanium	47-1	2519.49	2530.98	2552.17	2534.21	0.65	ppb
Uranium	238-1	501.01	503.05	520.58	508.21	2.12	ppb
Vanadium	51-2	500.02	506.42	523.90	510.12	2.42	ppb
Yttrium	89-1				101		%
Yttrium	89-2				98		%
Zinc	66-2	950.76	970.12	997.40	972.76	2.41	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	CCV85	Instrumnet Name :	P8
Client Sample ID :	CCV85	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 18:52:17	DataFile Name :	060CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	504.08	501.67	504.86	503.54	0.33	ppb
Zirconium	91-1	504.38	502.18	509.66	505.41	0.76	ppb

LB Number : LB98428 Operator : Jaswal
 Lab Sample ID : CCB85 Instrumnet Name : P8
 Client Sample ID : CCB85 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-06 18:55:30 DataFile Name : 061CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.87	1.33	3.86	1.44	164.31	ppb
Antimony	121-1	1.03	1.01	0.93	0.99	5.50	ppb
Arsenic	75-2	0.02	0.02	0.12	0.05	115.94	ppb
Barium	135-1	0.08	0.11	0.06	0.08	28.68	ppb
Barium	137-1	0.14	0.10	0.09	0.11	23.83	ppb
Beryllium	9-1	0.24	0.22	0.20	0.22	8.22	ppb
Bismuth	209-1				102		%
Bismuth	209-2				103		%
Boron	10-1	20.12	15.74	14.09	16.65	18.71	ppb
Boron	11-1	17.01	16.05	14.51	15.86	7.94	ppb
Cadmium	111-1	0.05	0.04	0.07	0.05	32.52	ppb
Cadmium	106-1	0.32	0.01	0.56	0.30	92.79	ppb
Cadmium	108-1	0.04	0.10	0.01	0.05	98.40	ppb
Calcium	43-1	7.80	2.35	2.73	4.30	70.82	ppb
Calcium	44-1	12.37	10.16	8.65	10.39	17.98	ppb
Chromium	52-2	-0.03	-0.03	-0.07	-0.04		ppb
Cobalt	59-2	0.00	0.02	0.00	0.01	128.95	ppb
Copper	63-2	0.08	0.07	0.07	0.07	3.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	56-2	5.45	4.44	4.32	4.74	13.08	ppb
Iron	57-2	4.74	6.23	4.22	5.06	20.62	ppb
Krypton	83-1	-177.17	99.97	401.74	108.18	267.65	ppb
Lead	206-1	0.10	0.08	0.06	0.08	22.84	ppb
Lead	207-1	0.10	0.07	0.07	0.08	21.22	ppb
Lead	208-1	0.09	0.08	0.07	0.08	13.25	ppb
Lithium	6-1				101		%
Magnesium	24-2	15.49	15.80	11.76	14.35	15.66	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	CCB85	Instrumnet Name :	P8
Client Sample ID :	CCB85	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 18:55:30	DataFile Name :	061CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.07	0.05	0.08	0.07	19.10	ppb
Molybdenum	94-1	0.93	0.85	0.73	0.84	11.90	ppb
Molybdenum	95-1	0.94	0.75	0.61	0.77	21.50	ppb
Molybdenum	96-1	0.87	0.81	0.67	0.78	13.12	ppb
Molybdenum	97-1	0.91	0.74	0.76	0.80	11.34	ppb
Molybdenum	98-1	0.88	0.81	0.71	0.80	11.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.01	-0.04	-0.03		ppb
Phosphorus	31-2	-13.20	-13.20	-13.20	-13.20		ppb
Potassium	39-2	29.77	9.73	21.31	20.27	49.62	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	77-2	0.00	4.63	0.00	1.54	173.21	ppb
Selenium	78-2	-1.04	-1.04	0.48	-0.53		ppb
Selenium	82-1	-0.15	0.52	0.47	0.28	134.10	ppb
Silicon	28-1	-3.50	-1.62	-4.44	-3.19		ppb
Silver	109-1	0.04	0.04	0.03	0.04	9.93	ppb
Silver	107-1	0.04	0.04	0.05	0.04	13.83	ppb
Sodium	23-2	42.42	39.70	39.42	40.51	4.10	ppb
Strontium	86-1	0.03	-0.04	0.02	0.01	693.10	ppb
Strontium	88-1	0.02	0.02	0.02	0.02	16.05	ppb
Sulfur	34-1	-230.45	74.44	-407.63	-187.88		ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	0.20	0.16	0.17	0.18	11.61	ppb
Thallium	205-1	0.20	0.18	0.16	0.18	11.74	ppb
Tin	118-1	0.27	0.24	0.20	0.24	14.94	ppb
Titanium	47-1	0.11	0.19	0.07	0.12	48.46	ppb
Uranium	238-1	0.03	0.02	0.02	0.02	37.17	ppb
Vanadium	51-2	0.00	-0.01	0.02	0.00	578.11	ppb
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	-0.19	-0.15	-0.15	-0.16		ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	CCB85	Instrumnet Name :	P8
Client Sample ID :	CCB85	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 18:55:30	DataFile Name :	061CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.14	0.14	0.13	0.14	3.68	ppb
Zirconium	91-1	0.16	0.17	0.13	0.15	13.84	ppb

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 15:07:42	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	23	10	15	16	39.76	cps
Antimony	121-1	450	383	517	450	14.82	cps
Arsenic	75-2	7	2	7	6	57.77	cps
Barium	135-1	33	8	58	33	75.02	cps
Barium	137-1	33	58	17	36	58.08	cps
Beryllium	9-1	172	128	183	161	18.25	cps
Bismuth	209-1	4658757	4715874	4689110	4687914	0.61	cps
Bismuth	209-2	1251341	1222043	1245437	1239607	1.25	cps
Boron	10-1	467	500	450	472	5.39	cps
Boron	11-1	2059	2384	2167	2203	7.51	cps
Cadmium	111-1	783	671	748	734	7.81	cps
Cadmium	106-1	1117	975	1050	1047	6.77	cps
Cadmium	108-1	4	17	0	7	124.88	cps
Calcium	43-1	325	333	383	347	9.09	cps
Calcium	44-1	10980	10755	11021	10919	1.31	cps
Chromium	52-2	323	340	407	357	12.36	cps
Cobalt	59-2	73	40	33	49	43.84	cps
Copper	63-2	203	263	223	230	13.28	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	0	33	33	22	86.60	cps
Erbium	164-2	3	3	7	4	43.40	cps
Gadolinium	160-1	50	8	42	33	66.15	cps
Gadolinium	160-2	0	3	10	4	114.60	cps
Holmium	165-1	6609405	6570554	6617125	6599028	0.38	cps
Holmium	165-2	1474328	1430873	1468623	1457941	1.62	cps
Indium	115-1	5268846	5314707	5281654	5288402	0.45	cps
Indium	115-2	228516	222904	228122	226514	1.38	cps
Iron	56-2	1028	917	861	935	9.08	cps
Iron	57-2	17	17	17	17	0.00	cps
Krypton	83-1	410	417	343	390	10.40	cps
Lead	206-1	222	333	311	289	20.35	cps
Lead	207-1	367	178	222	256	38.64	cps
Lead	208-1	1222	1067	1172	1154	6.88	cps
Lithium	6-1	1368912	1359518	1374447	1367626	0.55	cps
Magnesium	24-2	175	142	192	169	15.03	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 15:07:42	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	23	33	33	30	19.25	cps
Molybdenum	94-1	267	233	283	261	9.75	cps
Molybdenum	95-1	200	233	158	197	19.05	cps
Molybdenum	96-1	208	225	233	222	5.73	cps
Molybdenum	97-1	133	108	125	122	10.41	cps
Molybdenum	98-1	258	242	308	269	12.88	cps
Neodymium	150-1	13	13	0	9	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	157	183	223	188	17.87	cps
Phosphorus	31-2	8	0	8	6	86.60	cps
Potassium	39-2	2150	2109	2250	2170	3.36	cps
Rhodium	103-1	5015293	4989715	5035606	5013538	0.46	cps
Rhodium	103-2	1351344	1328193	1349338	1342959	0.96	cps
Scandium	45-1	3149753	3147289	3158685	3151909	0.19	cps
Scandium	45-2	23537	22926	23867	23443	2.04	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	4	2	2	43.30	cps
Selenium	82-1	4	-71	43	-8	-714.61	cps
Silicon	28-1	205696	203041	204275	204337	0.65	cps
Silver	109-1	42	58	50	50	16.67	cps
Silver	107-1	42	117	50	69	59.19	cps
Sodium	23-2	7035	6710	6527	6757	3.81	cps
Strontium	86-1	567	667	650	628	8.53	cps
Strontium	88-1	108	125	150	128	16.41	cps
Sulfur	34-1	347919	346265	350077	348087	0.55	cps
Terbium	159-1	6845625	6890795	6841946	6859455	0.40	cps
Terbium	159-2	1416132	1386571	1420654	1407785	1.31	cps
Thallium	203-1	217	200	217	211	4.56	cps
Thallium	205-1	408	408	258	358	24.17	cps
Tin	118-1	975	950	858	928	6.62	cps
Titanium	47-1	158	125	92	125	26.67	cps
Uranium	238-1	58	83	25	56	52.68	cps
Vanadium	51-2	3	10	10	8	49.52	cps
Yttrium	89-1	5452021	5595010	5550515	5532515	1.32	cps
Yttrium	89-2	167816	163819	169305	166980	1.70	cps
Zinc	66-2	77	90	97	88	11.60	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 15:07:42	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	433	542	408	461	15.37	cps
Zirconium	91-1	83	58	75	72	17.62	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 15:15:08	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	145	128	148	140	7.79	cps
Antimony	121-1	16478	17137	17028	16881	2.09	cps
Arsenic	75-2	81	78	109	90	19.22	cps
Barium	135-1	18313	17704	18130	18049	1.73	cps
Barium	137-1	30085	30987	30937	30670	1.65	cps
Beryllium	9-1	1417	1472	1556	1482	4.72	cps
Bismuth	209-1	4636417	4599235	4709303	4648318	1.20	cps
Bismuth	209-2	1242160	1237756	1168481	1216132	3.40	cps
Boron	10-1	4134	4343	3992	4156	4.24	cps
Boron	11-1	20248	20090	21325	20554	3.27	cps
Cadmium	111-1	2609	2690	2444	2581	4.86	cps
Cadmium	106-1	1300	1192	1108	1200	8.01	cps
Cadmium	108-1	150	129	129	136	8.84	cps
Calcium	43-1	10162	10246	9237	9882	5.67	cps
Calcium	44-1	165885	164764	165869	165506	0.39	cps
Chromium	52-2	2050	2040	2037	2042	0.34	cps
Cobalt	59-2	1670	1783	1894	1782	6.27	cps
Copper	63-2	3327	3084	3074	3162	4.54	cps
Dysprosium	156-1	0	0	25	8	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	50	33	33	50.00	cps
Erbium	164-2	7	3	10	7	50.03	cps
Gadolinium	160-1	42	50	67	53	24.12	cps
Gadolinium	160-2	7	0	7	4	86.60	cps
Holmium	165-1	6505744	6601665	6621413	6576274	0.94	cps
Holmium	165-2	1475202	1455906	1385580	1438896	3.28	cps
Indium	115-1	5164796	5263311	5364583	5264230	1.90	cps
Indium	115-2	227344	225099	215126	222523	2.92	cps
Iron	56-2	27856	27322	28518	27899	2.15	cps
Iron	57-2	700	756	606	687	11.04	cps
Krypton	83-1	313	350	330	331	5.54	cps
Lead	206-1	5863	6291	6207	6120	3.71	cps
Lead	207-1	5729	5385	5440	5518	3.35	cps
Lead	208-1	25133	24755	24827	24905	0.81	cps
Lithium	6-1	1362919	1371706	1382126	1372251	0.70	cps
Magnesium	24-2	14283	14082	14641	14336	1.98	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 15:15:08	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	310	260	307	292	9.57	cps
Molybdenum	94-1	13916	15117	14734	14589	4.21	cps
Molybdenum	95-1	17821	18038	17111	17657	2.74	cps
Molybdenum	96-1	20049	19482	19698	19743	1.45	cps
Molybdenum	97-1	11630	11380	10421	11144	5.73	cps
Molybdenum	98-1	27963	27679	28322	27988	1.15	cps
Neodymium	150-1	0	20	13	11	91.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	697	780	733	737	5.67	cps
Phosphorus	31-2	0	17	0	6	173.21	cps
Potassium	39-2	9637	9112	10004	9584	4.68	cps
Rhodium	103-1	4994543	5073621	5065113	5044426	0.86	cps
Rhodium	103-2	1352791	1341463	1276709	1323655	3.10	cps
Scandium	45-1	3121765	3105905	3209377	3145682	1.77	cps
Scandium	45-2	24331	23313	22375	23340	4.19	cps
Selenium	77-2	13	0	3	6	124.93	cps
Selenium	78-2	9	11	13	11	16.65	cps
Selenium	82-1	666	650	602	639	5.18	cps
Silicon	28-1	263124	259543	259599	260755	0.79	cps
Silver	109-1	8970	9187	8736	8965	2.51	cps
Silver	107-1	9420	9454	9787	9554	2.12	cps
Sodium	23-2	37233	37876	39714	38275	3.36	cps
Strontium	86-1	2859	2909	2975	2914	2.01	cps
Strontium	88-1	19415	20266	19632	19771	2.24	cps
Sulfur	34-1	346294	345628	346816	346246	0.17	cps
Terbium	159-1	6752365	6840652	6878102	6823706	0.95	cps
Terbium	159-2	1422609	1415321	1339707	1392546	3.30	cps
Thallium	203-1	7127	7519	7277	7308	2.71	cps
Thallium	205-1	17588	17638	18064	17763	1.47	cps
Tin	118-1	30026	30352	29492	29957	1.45	cps
Titanium	47-1	4784	5151	4593	4843	5.86	cps
Uranium	238-1	22855	23582	22830	23089	1.85	cps
Vanadium	51-2	2877	2824	3020	2907	3.50	cps
Yttrium	89-1	5504504	5586100	5598413	5563006	0.92	cps
Yttrium	89-2	167398	166966	159091	164485	2.84	cps
Zinc	66-2	383	423	417	408	5.26	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 15:15:08	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	11330	11480	11147	11319	1.48	cps
Zirconium	91-1	2509	2517	2400	2475	2.63	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 15:18:56	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6528	6728	6553	6603	1.65	cps
Antimony	121-1	450259	451654	456057	452657	0.67	cps
Arsenic	75-2	5177	5101	5327	5202	2.21	cps
Barium	135-1	491108	490152	485950	489070	0.56	cps
Barium	137-1	844750	846237	844683	845223	0.10	cps
Beryllium	9-1	76073	78145	78474	77564	1.68	cps
Bismuth	209-1	4684752	4634277	4290756	4536595	4.73	cps
Bismuth	209-2	1251119	1262267	1238097	1250494	0.97	cps
Boron	10-1	9128	9328	9504	9320	2.01	cps
Boron	11-1	44127	44395	44612	44378	0.55	cps
Cadmium	111-1	106480	106612	107106	106733	0.31	cps
Cadmium	106-1	11872	12448	12114	12145	2.38	cps
Cadmium	108-1	8003	7544	7807	7784	2.96	cps
Calcium	43-1	106662	105167	106478	106102	0.77	cps
Calcium	44-1	1740072	1744216	1737950	1740746	0.18	cps
Chromium	52-2	41485	41304	41094	41294	0.47	cps
Cobalt	59-2	90635	90783	90995	90804	0.20	cps
Copper	63-2	158474	158431	158506	158470	0.02	cps
Dysprosium	156-1	8	0	33	14	124.92	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	58	33	17	36	58.08	cps
Erbium	164-2	0	7	10	6	91.64	cps
Gadolinium	160-1	50	25	25	33	43.30	cps
Gadolinium	160-2	3	3	10	6	69.34	cps
Holmium	165-1	6719350	6535923	6154662	6469978	4.45	cps
Holmium	165-2	1473126	1492090	1468219	1477812	0.85	cps
Indium	115-1	5289232	5151069	4885499	5108600	4.02	cps
Indium	115-2	225895	228927	225163	226662	0.88	cps
Iron	56-2	1444987	1438210	1452656	1445284	0.50	cps
Iron	57-2	35150	35568	35083	35267	0.74	cps
Krypton	83-1	340	353	400	364	8.64	cps
Lead	206-1	314781	316595	314751	315375	0.33	cps
Lead	207-1	283105	282934	284630	283556	0.33	cps
Lead	208-1	1274755	1280516	1283207	1279493	0.34	cps
Lithium	6-1	1389794	1366109	1284893	1346932	4.08	cps
Magnesium	24-2	155356	155920	155493	155589	0.19	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 15:18:56	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	23917	23423	23603	23648	1.06	cps
Molybdenum	94-1	775417	781765	788328	781837	0.83	cps
Molybdenum	95-1	956051	966368	963859	962093	0.56	cps
Molybdenum	96-1	1069381	1078871	1084050	1077434	0.69	cps
Molybdenum	97-1	603980	598781	610666	604475	0.99	cps
Molybdenum	98-1	1544823	1534587	1556461	1545291	0.71	cps
Neodymium	150-1	27	33	20	27	24.99	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	27220	26659	27594	27158	1.73	cps
Phosphorus	31-2	367	442	383	397	9.91	cps
Potassium	39-2	40744	40985	39707	40479	1.68	cps
Rhodium	103-1	5053755	4919925	4590740	4854806	4.91	cps
Rhodium	103-2	1340166	1353698	1334340	1342735	0.74	cps
Scandium	45-1	3152768	3115609	2916513	3061630	4.15	cps
Scandium	45-2	23667	23617	23557	23613	0.23	cps
Selenium	77-2	50	50	27	42	31.90	cps
Selenium	78-2	126	117	161	135	17.42	cps
Selenium	82-1	6478	6694	6421	6531	2.20	cps
Silicon	28-1	432451	434971	431695	433039	0.40	cps
Silver	109-1	481561	478560	481929	480683	0.38	cps
Silver	107-1	508085	507260	504803	506716	0.34	cps
Sodium	23-2	346392	346389	347781	346854	0.23	cps
Strontium	86-1	125228	123002	120597	122942	1.88	cps
Strontium	88-1	1061875	1068707	1062591	1064391	0.35	cps
Sulfur	34-1	382479	385374	381019	382957	0.58	cps
Terbium	159-1	6880570	6792123	6414998	6695897	3.69	cps
Terbium	159-2	1424967	1439938	1416298	1427068	0.84	cps
Thallium	203-1	388328	385369	388247	387314	0.44	cps
Thallium	205-1	935552	925927	942148	934542	0.87	cps
Tin	118-1	316068	314386	317460	315971	0.49	cps
Titanium	47-1	252961	257483	255976	255473	0.90	cps
Uranium	238-1	1241328	1266712	1251305	1253115	1.02	cps
Vanadium	51-2	29642	29955	29568	29722	0.69	cps
Yttrium	89-1	5613212	5449301	5170272	5410928	4.14	cps
Yttrium	89-2	167213	168200	165870	167095	0.70	cps
Zinc	66-2	14581	15062	15068	14904	1.87	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 15:18:56	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	655790	653225	661599	656871	0.65	cps
Zirconium	91-1	146455	145748	145842	146015	0.26	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 15:22:43	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16281	15900	16359	16180	1.52	cps
Antimony	121-1	1149963	1143728	1160664	1151452	0.74	cps
Arsenic	75-2	12404	12350	12456	12403	0.43	cps
Barium	135-1	1230329	1226345	1227749	1228141	0.16	cps
Barium	137-1	2132426	2162172	2136601	2143733	0.75	cps
Beryllium	9-1	189914	189637	190420	189991	0.21	cps
Bismuth	209-1	4760721	4790948	4700592	4750754	0.97	cps
Bismuth	209-2	1230505	1177303	1220019	1209275	2.33	cps
Boron	10-1	21367	21592	23228	22062	4.60	cps
Boron	11-1	103060	107878	105755	105565	2.29	cps
Cadmium	111-1	264288	265887	265829	265334	0.34	cps
Cadmium	106-1	28013	29333	28423	28590	2.36	cps
Cadmium	108-1	19360	18334	18768	18820	2.74	cps
Calcium	43-1	261918	261163	261707	261596	0.15	cps
Calcium	44-1	4229218	4212919	4199380	4213839	0.35	cps
Chromium	52-2	100239	101404	100524	100722	0.60	cps
Cobalt	59-2	223786	222405	221285	222492	0.56	cps
Copper	63-2	388494	385790	381931	385405	0.86	cps
Dysprosium	156-1	17	25	17	19	24.73	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	17	33	25	25	33.32	cps
Erbium	164-2	0	3	3	2	86.60	cps
Gadolinium	160-1	33	50	42	42	20.00	cps
Gadolinium	160-2	13	3	17	11	62.48	cps
Holmium	165-1	6723011	6822855	6680255	6742040	1.09	cps
Holmium	165-2	1466386	1399980	1457481	1441282	2.50	cps
Indium	115-1	5290209	5339524	5254984	5294905	0.80	cps
Indium	115-2	218981	210847	222016	217281	2.66	cps
Iron	56-2	3499070	3512196	3495543	3502270	0.25	cps
Iron	57-2	88557	88105	88748	88470	0.37	cps
Krypton	83-1	357	320	327	334	5.84	cps
Lead	206-1	800278	787317	801694	796430	0.99	cps
Lead	207-1	726050	718799	737503	727451	1.30	cps
Lead	208-1	3326789	3285014	3336285	3316029	0.82	cps
Lithium	6-1	1376035	1389977	1357774	1374595	1.17	cps
Magnesium	24-2	373661	379820	377910	377130	0.84	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 15:22:43	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	58897	58823	58880	58867	0.07	cps
Molybdenum	94-1	1990041	1989594	1995427	1991687	0.16	cps
Molybdenum	95-1	2451133	2444455	2421348	2438979	0.64	cps
Molybdenum	96-1	2747309	2731561	2743635	2740835	0.30	cps
Molybdenum	97-1	1540177	1536565	1530684	1535809	0.31	cps
Molybdenum	98-1	3894195	3940687	3892204	3909029	0.70	cps
Neodymium	150-1	60	60	80	67	17.32	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	67174	67041	65473	66563	1.42	cps
Phosphorus	31-2	858	1075	892	942	12.39	cps
Potassium	39-2	96211	96614	94064	95630	1.43	cps
Rhodium	103-1	4932766	5024959	4893495	4950407	1.36	cps
Rhodium	103-2	1306509	1260199	1309694	1292134	2.14	cps
Scandium	45-1	3092729	3140464	3085924	3106372	0.96	cps
Scandium	45-2	22151	21333	21737	21740	1.88	cps
Selenium	77-2	60	107	93	87	27.74	cps
Selenium	78-2	320	306	294	307	4.24	cps
Selenium	82-1	15916	15668	16075	15886	1.29	cps
Silicon	28-1	755860	759538	759150	758183	0.27	cps
Silver	109-1	1194473	1197369	1197061	1196301	0.13	cps
Silver	107-1	1252523	1270648	1259523	1260898	0.72	cps
Sodium	23-2	837962	842269	835622	838618	0.40	cps
Strontium	86-1	306456	305973	308078	306836	0.36	cps
Strontium	88-1	2684163	2647997	2661057	2664406	0.69	cps
Sulfur	34-1	415892	411993	412521	413469	0.51	cps
Terbium	159-1	6972318	7015292	6845588	6944400	1.27	cps
Terbium	159-2	1410648	1359790	1402802	1391080	1.97	cps
Thallium	203-1	998675	988822	993718	993738	0.50	cps
Thallium	205-1	2416925	2402005	2409941	2409623	0.31	cps
Tin	118-1	797281	793516	791302	794033	0.38	cps
Titanium	47-1	628939	630203	632630	630591	0.30	cps
Uranium	238-1	3270430	3266286	3300705	3279140	0.57	cps
Vanadium	51-2	73917	72801	74293	73670	1.05	cps
Yttrium	89-1	5579769	5591603	5448343	5539905	1.44	cps
Yttrium	89-2	163438	157186	161643	160756	2.00	cps
Zinc	66-2	36394	36692	36632	36573	0.43	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 15:22:43	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1653313	1670450	1657033	1660265	0.54	cps
Zirconium	91-1	364966	363452	365625	364681	0.31	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 15:26:22	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	31242	31375	30931	31183	0.73	cps
Antimony	121-1	2317207	2319395	2330400	2322334	0.30	cps
Arsenic	75-2	24804	24585	24049	24479	1.59	cps
Barium	135-1	2424387	2467106	2477231	2456241	1.14	cps
Barium	137-1	4248612	4267707	4280804	4265708	0.38	cps
Beryllium	9-1	369908	371137	369001	370015	0.29	cps
Bismuth	209-1	4707885	4647966	4700430	4685427	0.70	cps
Bismuth	209-2	1217978	1218738	1218804	1218506	0.04	cps
Boron	10-1	42138	42088	43592	42606	2.01	cps
Boron	11-1	199231	205291	207608	204043	2.12	cps
Cadmium	111-1	526100	522035	520762	522966	0.53	cps
Cadmium	106-1	56276	54820	54678	55258	1.60	cps
Cadmium	108-1	37548	37055	37828	37477	1.04	cps
Calcium	43-1	513255	513327	518009	514864	0.53	cps
Calcium	44-1	8275160	8282940	8192237	8250112	0.61	cps
Chromium	52-2	197384	194434	194967	195595	0.80	cps
Cobalt	59-2	432410	428901	430337	430549	0.41	cps
Copper	63-2	751125	749125	743008	747753	0.57	cps
Dysprosium	156-1	58	25	33	39	44.62	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	33	33	58	42	34.65	cps
Erbium	164-2	7	3	3	4	43.40	cps
Gadolinium	160-1	75	25	67	56	48.22	cps
Gadolinium	160-2	3	10	10	8	49.52	cps
Holmium	165-1	6781680	6685347	6684848	6717292	0.83	cps
Holmium	165-2	1470113	1462909	1458734	1463919	0.39	cps
Indium	115-1	5204482	5126269	5220282	5183678	0.97	cps
Indium	115-2	217926	217805	216122	217285	0.46	cps
Iron	56-2	6754485	6797244	6741672	6764467	0.43	cps
Iron	57-2	172498	173336	170311	172048	0.91	cps
Krypton	83-1	320	300	347	322	7.27	cps
Lead	206-1	1601569	1591677	1596923	1596723	0.31	cps
Lead	207-1	1466441	1449247	1454999	1456896	0.60	cps
Lead	208-1	6663993	6625014	6621988	6636999	0.35	cps
Lithium	6-1	1359384	1337101	1356750	1351079	0.90	cps
Magnesium	24-2	732563	730147	724211	728974	0.59	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 15:26:22	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	113382	114485	113698	113855	0.50	cps
Molybdenum	94-1	3878049	3857605	3919705	3885120	0.81	cps
Molybdenum	95-1	4804780	4819787	4844642	4823070	0.42	cps
Molybdenum	96-1	5455852	5350893	5401753	5402833	0.97	cps
Molybdenum	97-1	3043063	3023252	3027740	3031352	0.34	cps
Molybdenum	98-1	7695149	7596746	7564242	7618712	0.89	cps
Neodymium	150-1	107	67	113	96	26.41	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	127769	128664	127466	127966	0.49	cps
Phosphorus	31-2	2192	2125	2042	2120	3.55	cps
Potassium	39-2	182316	181825	183415	182518	0.45	cps
Rhodium	103-1	4929884	4787788	4853152	4856941	1.46	cps
Rhodium	103-2	1299480	1291175	1292238	1294298	0.35	cps
Scandium	45-1	3060419	3019413	3013548	3031126	0.84	cps
Scandium	45-2	22325	22064	22488	22292	0.96	cps
Selenium	77-2	150	157	160	156	3.27	cps
Selenium	78-2	609	628	572	603	4.69	cps
Selenium	82-1	31867	31620	31937	31808	0.52	cps
Silicon	28-1	1156432	1172623	1175432	1168162	0.88	cps
Silver	109-1	2429574	2415500	2420739	2421937	0.29	cps
Silver	107-1	2556411	2537190	2554348	2549316	0.41	cps
Sodium	23-2	1662004	1664208	1660096	1662103	0.12	cps
Strontium	86-1	606031	604699	601936	604222	0.35	cps
Strontium	88-1	5158348	5163760	5151328	5157812	0.12	cps
Sulfur	34-1	470182	471297	463416	468298	0.91	cps
Terbium	159-1	6964679	6895015	6893284	6917659	0.59	cps
Terbium	159-2	1416316	1398168	1408064	1407516	0.65	cps
Thallium	203-1	2009765	2016490	2003655	2009970	0.32	cps
Thallium	205-1	4779276	4815482	4768743	4787834	0.51	cps
Tin	118-1	1601780	1611473	1601410	1604887	0.36	cps
Titanium	47-1	1242664	1245880	1239915	1242820	0.24	cps
Uranium	238-1	6539155	6491447	6572137	6534246	0.62	cps
Vanadium	51-2	143751	144136	144364	144084	0.21	cps
Yttrium	89-1	5497444	5416647	5450510	5454867	0.74	cps
Yttrium	89-2	162282	159569	160410	160753	0.86	cps
Zinc	66-2	72327	70682	72290	71767	1.31	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 15:26:22	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3299813	3268229	3229422	3265821	1.08	cps
Zirconium	91-1	725287	720038	730811	725379	0.74	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 15:29:56	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	60809	61111	60937	60952	0.25	cps
Antimony	121-1	4544715	4585759	4580261	4570245	0.49	cps
Arsenic	75-2	48341	48087	48237	48222	0.27	cps
Barium	135-1	4853932	4870794	4815349	4846692	0.59	cps
Barium	137-1	8465255	8314107	8371447	8383603	0.91	cps
Beryllium	9-1	725607	719884	720033	721841	0.45	cps
Bismuth	209-1	4769571	4584279	4801438	4718429	2.49	cps
Bismuth	209-2	1212717	1184614	1115728	1171020	4.26	cps
Boron	10-1	81406	82412	83794	82537	1.45	cps
Boron	11-1	393717	401849	406253	400606	1.59	cps
Cadmium	111-1	1025497	1029886	1030235	1028539	0.26	cps
Cadmium	106-1	106769	107920	109911	108200	1.47	cps
Cadmium	108-1	73575	73834	73977	73795	0.28	cps
Calcium	43-1	1013866	1004761	1004055	1007561	0.54	cps
Calcium	44-1	16284600	16202586	16264651	16250613	0.26	cps
Chromium	52-2	382345	383484	383698	383176	0.19	cps
Cobalt	59-2	845059	846447	842890	844799	0.21	cps
Copper	63-2	1461556	1467011	1447698	1458755	0.68	cps
Dysprosium	156-1	92	50	83	75	29.40	cps
Dysprosium	156-2	7	10	13	10	33.30	cps
Erbium	164-1	75	50	17	47	61.97	cps
Erbium	164-2	3	7	7	6	34.70	cps
Gadolinium	160-1	67	58	108	78	34.44	cps
Gadolinium	160-2	0	10	10	7	86.60	cps
Holmium	165-1	6779243	6730345	6984855	6831481	1.98	cps
Holmium	165-2	1465168	1437605	1361775	1421516	3.77	cps
Indium	115-1	5248616	5039221	5239144	5175660	2.28	cps
Indium	115-2	211806	208709	195940	205485	4.09	cps
Iron	56-2	13267148	13260976	13267510	13265211	0.03	cps
Iron	57-2	335330	335925	335389	335548	0.10	cps
Krypton	83-1	390	373	287	350	15.85	cps
Lead	206-1	3201258	3218805	3182492	3200852	0.57	cps
Lead	207-1	2974888	2931720	2942700	2949769	0.76	cps
Lead	208-1	13185234	13142869	13187346	13171816	0.19	cps
Lithium	6-1	1316236	1316736	1335461	1322811	0.83	cps
Magnesium	24-2	1470360	1475165	1455101	1466875	0.71	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 15:29:56	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	224711	223942	223697	224117	0.24	cps
Molybdenum	94-1	7716933	7680135	7619660	7672243	0.64	cps
Molybdenum	95-1	9539212	9681450	9456703	9559122	1.19	cps
Molybdenum	96-1	10787768	10744545	10656533	10729615	0.62	cps
Molybdenum	97-1	6029937	6066275	6038544	6044919	0.31	cps
Molybdenum	98-1	15226827	15210422	15231325	15222858	0.07	cps
Neodymium	150-1	160	207	227	198	17.30	cps
Neodymium	150-2	7	13	10	10	33.30	cps
Nickel	60-2	248552	247710	249325	248529	0.33	cps
Phosphorus	31-2	4001	3867	4026	3965	2.15	cps
Potassium	39-2	353937	350798	350490	351742	0.54	cps
Rhodium	103-1	4900983	4771360	4955325	4875890	1.94	cps
Rhodium	103-2	1270289	1254962	1191899	1239050	3.35	cps
Scandium	45-1	3099262	2984221	3052861	3045448	1.90	cps
Scandium	45-2	21894	21804	20305	21334	4.18	cps
Selenium	77-2	403	297	387	362	15.84	cps
Selenium	78-2	1241	1152	1135	1176	4.83	cps
Selenium	82-1	62497	62574	62022	62365	0.48	cps
Silicon	28-1	2072437	2078414	2078139	2076330	0.16	cps
Silver	109-1	4701408	4710812	4668469	4693563	0.47	cps
Silver	107-1	4942896	4954553	4915215	4937555	0.41	cps
Sodium	23-2	3199592	3213135	3145322	3186016	1.13	cps
Strontium	86-1	1192550	1194327	1198061	1194979	0.24	cps
Strontium	88-1	10361519	10279711	10229625	10290285	0.65	cps
Sulfur	34-1	608177	600792	601940	603636	0.66	cps
Terbium	159-1	7068352	6846026	7130964	7015114	2.13	cps
Terbium	159-2	1420211	1384955	1319220	1374795	3.73	cps
Thallium	203-1	4019833	3997779	4018389	4012000	0.31	cps
Thallium	205-1	9462972	9417129	9522404	9467502	0.56	cps
Tin	118-1	3181959	3192616	3181048	3185208	0.20	cps
Titanium	47-1	2456669	2479547	2425385	2453867	1.11	cps
Uranium	238-1	13152528	13193708	13100632	13148956	0.35	cps
Vanadium	51-2	285323	284030	283810	284388	0.29	cps
Yttrium	89-1	5591133	5389585	5548003	5509574	1.93	cps
Yttrium	89-2	160494	157792	149586	155957	3.64	cps
Zinc	66-2	140240	140738	139813	140264	0.33	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 15:29:56	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6484686	6472486	6372650	6443274	0.95	cps
Zirconium	91-1	1467476	1466684	1458619	1464260	0.33	cps

LB Number : LB98428 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-06 15:33:27 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	120768	119457	119006	119743	0.76	cps
Antimony	121-1	9147841	9053276	9103991	9101703	0.52	cps
Arsenic	75-2	95823	95283	95160	95422	0.37	cps
Barium	135-1	9650949	9609061	9624505	9628172	0.22	cps
Barium	137-1	16681800	16627680	16731068	16680183	0.31	cps
Beryllium	9-1	1433979	1433420	1447198	1438199	0.54	cps
Bismuth	209-1	4622461	4623240	4731657	4659119	1.35	cps
Bismuth	209-2	1188599	1182520	1200895	1190672	0.79	cps
Boron	10-1	162697	165745	166547	164997	1.23	cps
Boron	11-1	784574	802031	808959	798521	1.57	cps
Cadmium	111-1	2059951	2059552	2053232	2057578	0.18	cps
Cadmium	106-1	211947	213873	211534	212451	0.59	cps
Cadmium	108-1	144460	146271	144960	145230	0.64	cps
Calcium	43-1	2013712	2040166	2034654	2029511	0.69	cps
Calcium	44-1	32344271	32238082	32171037	32251130	0.27	cps
Chromium	52-2	758381	755663	753307	755784	0.34	cps
Cobalt	59-2	1674409	1665876	1675981	1672089	0.33	cps
Copper	63-2	2860886	2874152	2860886	2865308	0.27	cps
Dysprosium	156-1	133	133	75	114	29.57	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	42	8	67	39	75.26	cps
Erbium	164-2	17	7	3	9	78.08	cps
Gadolinium	160-1	58	92	50	67	33.07	cps
Gadolinium	160-2	17	33	20	23	37.78	cps
Holmium	165-1	6763081	6731070	6896949	6797033	1.29	cps
Holmium	165-2	1466032	1448240	1460215	1458162	0.62	cps
Indium	115-1	5011922	5033220	5071544	5038895	0.60	cps
Indium	115-2	204367	202305	205942	204205	0.89	cps
Iron	56-2	26123845	25951966	26011525	26029112	0.34	cps
Iron	57-2	658138	662596	658387	659707	0.38	cps
Krypton	83-1	300	307	343	317	7.37	cps
Lead	206-1	6347152	6269401	6281756	6299436	0.66	cps
Lead	207-1	5756979	5749359	5798242	5768193	0.46	cps
Lead	208-1	25977882	25950874	25976645	25968467	0.06	cps
Lithium	6-1	1306558	1289322	1315144	1303675	1.01	cps
Magnesium	24-2	2846591	2814484	2843131	2834735	0.62	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 15:33:27	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	443604	439329	440194	441042	0.51	cps
Molybdenum	94-1	15331521	15442736	15258479	15344245	0.60	cps
Molybdenum	95-1	19147529	19073208	18957288	19059342	0.50	cps
Molybdenum	96-1	21279876	21315383	21145640	21246966	0.42	cps
Molybdenum	97-1	11956711	12025019	11939009	11973580	0.38	cps
Molybdenum	98-1	30353479	30494262	30307045	30384929	0.32	cps
Neodymium	150-1	420	313	333	356	15.95	cps
Neodymium	150-2	17	3	17	12	63.01	cps
Nickel	60-2	486536	485479	483717	485244	0.29	cps
Phosphorus	31-2	7411	8470	7644	7841	7.10	cps
Potassium	39-2	694369	691949	690696	692338	0.27	cps
Rhodium	103-1	4708153	4771939	4745604	4741898	0.68	cps
Rhodium	103-2	1261089	1250645	1256759	1256164	0.42	cps
Scandium	45-1	2990984	2977398	3033580	3000654	0.98	cps
Scandium	45-2	22719	21871	21944	22178	2.12	cps
Selenium	77-2	623	757	593	658	13.22	cps
Selenium	78-2	2324	2198	2185	2236	3.43	cps
Selenium	82-1	122981	123366	123304	123217	0.17	cps
Silicon	28-1	3657797	3646906	3606320	3637008	0.75	cps
Silver	109-1	9155521	9145531	9036041	9112364	0.73	cps
Silver	107-1	9560553	9615402	9667216	9614390	0.55	cps
Sodium	23-2	6259748	6183898	6200532	6214726	0.64	cps
Strontium	86-1	2414473	2433239	2426781	2424831	0.39	cps
Strontium	88-1	20632483	20551373	20548728	20577528	0.23	cps
Sulfur	34-1	890185	891391	888874	890150	0.14	cps
Terbium	159-1	6971058	6956655	7143005	7023573	1.48	cps
Terbium	159-2	1413747	1399287	1406565	1406533	0.51	cps
Thallium	203-1	7870688	7834204	7918818	7874570	0.54	cps
Thallium	205-1	18913975	18740355	18665439	18773256	0.68	cps
Tin	118-1	6281701	6246097	6228965	6252254	0.43	cps
Titanium	47-1	4835805	4821699	4821979	4826494	0.17	cps
Uranium	238-1	26252102	26176402	26167602	26198702	0.18	cps
Vanadium	51-2	564137	558893	559946	560992	0.49	cps
Yttrium	89-1	5462763	5440434	5532285	5478494	0.87	cps
Yttrium	89-2	158815	158294	159088	158732	0.25	cps
Zinc	66-2	274077	274178	272448	273568	0.35	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 15:33:27	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	12959863	12936441	12808982	12901762	0.63	cps
Zirconium	91-1	2922017	2917943	2874774	2904912	0.90	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 15:36:53	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	652688	661986	660484	658386	0.76	cps
Antimony	121-1	25592	23555	23680	24276	4.70	cps
Arsenic	75-2	174	163	152	163	6.82	cps
Barium	135-1	2625	2567	2142	2445	10.79	cps
Barium	137-1	4960	4543	4368	4623	6.58	cps
Beryllium	9-1	872	800	822	832	4.45	cps
Bismuth	209-1	4083691	4210368	4180908	4158322	1.59	cps
Bismuth	209-2	1084228	1089771	1113658	1095886	1.43	cps
Boron	10-1	7802	7386	6643	7277	8.07	cps
Boron	11-1	38043	35219	31619	34961	9.21	cps
Cadmium	111-1	1118	1133	1178	1143	2.72	cps
Cadmium	106-1	1100	1050	1117	1089	3.19	cps
Cadmium	108-1	50	21	29	33	45.07	cps
Calcium	43-1	10265180	10262110	10366973	10298087	0.58	cps
Calcium	44-1	165987554	167388470	168593041	167323022	0.78	cps
Chromium	52-2	43578	43972	43263	43604	0.81	cps
Cobalt	59-2	22355	22094	22355	22268	0.68	cps
Copper	63-2	7305	7272	7059	7212	1.86	cps
Dysprosium	156-1	83	108	92	94	13.48	cps
Dysprosium	156-2	20	30	10	20	50.00	cps
Erbium	164-1	50	42	33	42	20.00	cps
Erbium	164-2	0	0	7	2	173.21	cps
Gadolinium	160-1	142	117	92	117	21.43	cps
Gadolinium	160-2	37	33	23	31	22.31	cps
Holmium	165-1	6303371	6492810	6526109	6440763	1.87	cps
Holmium	165-2	1406523	1420435	1450565	1425841	1.58	cps
Indium	115-1	4711288	4925597	4964929	4867272	2.80	cps
Indium	115-2	209145	212802	216325	212757	1.69	cps
Iron	56-2	135691770	136774159	137035486	136500472	0.52	cps
Iron	57-2	3445440	3458964	3471247	3458550	0.37	cps
Krypton	83-1	397	313	360	357	11.71	cps
Lead	206-1	6746	6680	6519	6648	1.76	cps
Lead	207-1	5963	5679	5501	5714	4.07	cps
Lead	208-1	26823	26200	25856	26293	1.86	cps
Lithium	6-1	1194604	1275233	1295566	1255134	4.25	cps
Magnesium	24-2	14652158	14709492	14800890	14720847	0.51	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 15:36:53	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3834	3857	3494	3728	5.46	cps
Molybdenum	94-1	22895	22111	21601	22202	2.94	cps
Molybdenum	95-1	35121	35631	35322	35358	0.73	cps
Molybdenum	96-1	41473	39943	39040	40152	3.06	cps
Molybdenum	97-1	22077	22219	21510	21935	1.71	cps
Molybdenum	98-1	56661	54619	54695	55325	2.09	cps
Neodymium	150-1	60	87	93	80	22.05	cps
Neodymium	150-2	10	17	3	10	66.70	cps
Nickel	60-2	22852	22538	21804	22398	2.40	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	3775505	3830489	3852148	3819381	1.03	cps
Rhodium	103-1	4351949	4486589	4547630	4462056	2.24	cps
Rhodium	103-2	1183328	1200066	1214678	1199357	1.31	cps
Scandium	45-1	2881843	3050373	3037411	2989875	3.14	cps
Scandium	45-2	22338	23466	23520	23108	2.89	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	2	2	7	4	86.68	cps
Selenium	82-1	63	219	173	152	53.00	cps
Silicon	28-1	262215	267739	266289	265414	1.08	cps
Silver	109-1	1292	1342	1142	1258	8.27	cps
Silver	107-1	1508	1508	1350	1456	6.28	cps
Sodium	23-2	33007485	33174514	33289365	33157122	0.43	cps
Strontium	86-1	10872	11797	11330	11333	4.08	cps
Strontium	88-1	98194	97095	98715	98001	0.84	cps
Sulfur	34-1	315485	320680	320173	318779	0.90	cps
Terbium	159-1	6495283	6712875	6778574	6662244	2.23	cps
Terbium	159-2	1362097	1372268	1390955	1375107	1.06	cps
Thallium	203-1	4701	4026	3759	4162	11.67	cps
Thallium	205-1	11097	10096	9562	10252	7.60	cps
Tin	118-1	15343	14842	14901	15029	1.82	cps
Titanium	47-1	1325	2855	1517	1899	43.89	cps
Uranium	238-1	5727	5093	5335	5385	5.94	cps
Vanadium	51-2	310	370	293	324	12.43	cps
Yttrium	89-1	5093799	5315898	5438327	5282675	3.31	cps
Yttrium	89-2	159348	162497	165417	162421	1.87	cps
Zinc	66-2	2274	2287	2324	2295	1.13	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 15:36:53	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5485	5126	4959	5190	5.17	cps
Zirconium	91-1	1233	1125	1158	1172	4.73	cps

LB Number : LB98428 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P8
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-06 15:51:01 DataFile Name : 013ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3439	3364	3226	3343	3.23	cps
Antimony	121-1	1806569	1838537	1802233	1815780	1.09	cps
Arsenic	75-2	20921	20994	20723	20879	0.67	cps
Barium	135-1	189598	191406	190630	190545	0.48	cps
Barium	137-1	333568	333823	329517	332303	0.73	cps
Beryllium	9-1	154323	155217	153083	154208	0.69	cps
Bismuth	209-1	4664550	4625636	4684752	4658313	0.65	cps
Bismuth	209-2	1268239	1280602	1256650	1268497	0.94	cps
Boron	10-1	98705	100342	101037	100028	1.20	cps
Boron	11-1	485512	484100	483285	484299	0.23	cps
Cadmium	111-1	214324	213544	213040	213636	0.30	cps
Cadmium	106-1	34604	34971	34904	34827	0.56	cps
Cadmium	108-1	19164	20115	19327	19535	2.60	cps
Calcium	43-1	47473	46762	46770	47002	0.87	cps
Calcium	44-1	734240	740148	735956	736781	0.41	cps
Chromium	52-2	84033	84225	83956	84072	0.16	cps
Cobalt	59-2	188945	187912	186891	187916	0.55	cps
Copper	63-2	163513	162915	163107	163178	0.19	cps
Dysprosium	156-1	17	17	0	11	86.60	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	58	42	92	64	39.85	cps
Erbium	164-2	10	13	7	10	33.30	cps
Gadolinium	160-1	50	33	83	56	45.82	cps
Gadolinium	160-2	17	0	3	7	132.33	cps
Holmium	165-1	6721343	6694944	6751198	6722495	0.42	cps
Holmium	165-2	1503160	1517783	1493896	1504946	0.80	cps
Indium	115-1	5361453	5321680	5337072	5340068	0.38	cps
Indium	115-2	234424	233983	228807	232405	1.34	cps
Iron	56-2	594627	585666	592073	590788	0.78	cps
Iron	57-2	15553	14864	15003	15140	2.41	cps
Krypton	83-1	323	380	457	387	17.31	cps
Lead	206-1	1230522	1224860	1240340	1231907	0.64	cps
Lead	207-1	1075044	1084496	1078686	1079409	0.44	cps
Lead	208-1	5043312	5039791	5058059	5047054	0.19	cps
Lithium	6-1	1424765	1421273	1433822	1426620	0.45	cps
Magnesium	24-2	38904	38846	38813	38854	0.12	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 15:51:01	DataFile Name :	013ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	24629	24555	24912	24699	0.76	cps
Molybdenum	94-1	3416799	3400561	3383126	3400162	0.50	cps
Molybdenum	95-1	1953032	1921797	1928684	1934504	0.85	cps
Molybdenum	96-1	2488988	2490494	2465089	2481524	0.57	cps
Molybdenum	97-1	1185007	1184340	1191121	1186823	0.31	cps
Molybdenum	98-1	3025925	3081184	3061311	3056140	0.92	cps
Neodymium	150-1	33	13	7	18	78.05	cps
Neodymium	150-2	0	17	3	7	132.33	cps
Nickel	60-2	56394	56066	55905	56122	0.44	cps
Phosphorus	31-2	0	17	8	8	100.02	cps
Potassium	39-2	35621	34176	34268	34688	2.33	cps
Rhodium	103-1	5136408	5200037	5106498	5147648	0.93	cps
Rhodium	103-2	1397211	1404412	1383994	1395206	0.74	cps
Scandium	45-1	3354719	3303744	3313987	3324150	0.81	cps
Scandium	45-2	25817	25326	26201	25782	1.70	cps
Selenium	77-2	143	177	93	138	30.44	cps
Selenium	78-2	470	491	530	497	6.06	cps
Selenium	82-1	25611	25523	25523	25553	0.20	cps
Silicon	28-1	2138670	2084546	2084644	2102620	1.48	cps
Silver	109-1	835906	838389	833780	836025	0.28	cps
Silver	107-1	882531	884756	883560	883616	0.13	cps
Sodium	23-2	153670	149679	149140	150830	1.64	cps
Strontium	86-1	1188837	1199217	1194252	1194102	0.43	cps
Strontium	88-1	10285023	10261428	10239011	10261820	0.22	cps
Sulfur	34-1	326428	324453	322733	324538	0.57	cps
Terbium	159-1	6902270	6991903	6907580	6933918	0.73	cps
Terbium	159-2	1454648	1471504	1450000	1458717	0.78	cps
Thallium	203-1	1540494	1529212	1540397	1536701	0.42	cps
Thallium	205-1	3754841	3704323	3717820	3725661	0.70	cps
Tin	118-1	3121462	3114793	3083746	3106667	0.65	cps
Titanium	47-1	514645	516282	517090	516006	0.24	cps
Uranium	238-1	11945783	11885632	11920219	11917211	0.25	cps
Vanadium	51-2	63199	61618	62234	62350	1.28	cps
Yttrium	89-1	5738457	5751848	5708229	5732845	0.39	cps
Yttrium	89-2	177204	176677	173858	175913	1.02	cps
Zinc	66-2	31429	30277	31149	30951	1.94	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 15:51:01	DataFile Name :	013ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6400139	6350923	6359366	6370142	0.41	cps
Zirconium	91-1	1436298	1436527	1427766	1433530	0.35	cps

LB Number : LB98428 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-06 15:56:59 DataFile Name : 014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18	13	23	18	28.59	cps
Antimony	121-1	2267	2525	2992	2595	14.16	cps
Arsenic	75-2	7	2	9	6	62.47	cps
Barium	135-1	33	33	0	22	86.60	cps
Barium	137-1	50	50	25	42	34.64	cps
Beryllium	9-1	333	283	300	306	8.33	cps
Bismuth	209-1	4723015	4605201	4697790	4675335	1.33	cps
Bismuth	209-2	1252618	1273076	1281746	1269146	1.18	cps
Boron	10-1	2225	2142	2017	2128	4.93	cps
Boron	11-1	10371	9729	9837	9979	3.45	cps
Cadmium	111-1	917	740	752	803	12.33	cps
Cadmium	106-1	1267	1033	1008	1103	12.92	cps
Cadmium	108-1	17	13	0	10	89.22	cps
Calcium	43-1	283	392	375	350	16.67	cps
Calcium	44-1	12139	11697	12173	12003	2.21	cps
Chromium	52-2	323	420	353	366	13.54	cps
Cobalt	59-2	53	77	53	61	22.05	cps
Copper	63-2	273	227	287	262	12.01	cps
Dysprosium	156-1	0	0	33	11	173.21	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	33	8	25	22	57.29	cps
Erbium	164-2	0	0	0	0	0.00	cps
Gadolinium	160-1	33	17	50	33	50.00	cps
Gadolinium	160-2	0	0	3	1	173.21	cps
Holmium	165-1	6739455	6681252	6773339	6731349	0.69	cps
Holmium	165-2	1496905	1498405	1521038	1505449	0.90	cps
Indium	115-1	5486868	5354133	5452791	5431264	1.27	cps
Indium	115-2	236285	238368	239231	237961	0.64	cps
Iron	56-2	1472	1322	1422	1406	5.43	cps
Iron	57-2	56	67	44	56	20.00	cps
Krypton	83-1	337	387	407	377	9.57	cps
Lead	206-1	567	511	567	548	5.85	cps
Lead	207-1	561	578	489	543	8.71	cps
Lead	208-1	2328	2295	2417	2346	2.69	cps
Lithium	6-1	1440398	1423432	1441640	1435156	0.71	cps
Magnesium	24-2	358	417	333	369	11.58	cps

LB Number : LB98428 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-06 15:56:59 DataFile Name : 014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	17	20	40	26	49.38	cps
Molybdenum	94-1	958	758	900	872	11.79	cps
Molybdenum	95-1	800	758	833	797	4.71	cps
Molybdenum	96-1	983	992	817	931	10.61	cps
Molybdenum	97-1	500	442	492	478	6.60	cps
Molybdenum	98-1	1008	1125	1142	1092	6.66	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	283	197	230	237	18.47	cps
Phosphorus	31-2	8	17	0	8	100.02	cps
Potassium	39-2	2825	2775	2884	2828	1.92	cps
Rhodium	103-1	5233523	5132023	5169800	5178449	0.99	cps
Rhodium	103-2	1385898	1396871	1418772	1400514	1.20	cps
Scandium	45-1	3405566	3380608	3355394	3380523	0.74	cps
Scandium	45-2	25169	25871	25754	25598	1.47	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	4	2	100.00	cps
Selenium	82-1	21	3	-28	-1	-2601.39	cps
Silicon	28-1	213902	209812	213152	212289	1.03	cps
Silver	109-1	92	83	100	92	9.09	cps
Silver	107-1	100	83	100	94	10.19	cps
Sodium	23-2	8495	8453	8703	8550	1.57	cps
Strontium	86-1	658	583	708	650	9.68	cps
Strontium	88-1	242	283	292	272	9.84	cps
Sulfur	34-1	329589	330407	326302	328766	0.66	cps
Terbium	159-1	6897109	6938063	6974648	6936607	0.56	cps
Terbium	159-2	1444765	1445216	1479368	1456450	1.36	cps
Thallium	203-1	850	908	825	861	4.97	cps
Thallium	205-1	1909	1875	1900	1895	0.92	cps
Tin	118-1	2092	1834	2125	2017	7.92	cps
Titanium	47-1	117	167	58	114	47.61	cps
Uranium	238-1	242	192	183	206	15.35	cps
Vanadium	51-2	10	13	3	9	57.30	cps
Yttrium	89-1	5791882	5705913	5769344	5755713	0.77	cps
Yttrium	89-2	175486	176933	178634	177017	0.89	cps
Zinc	66-2	170	107	173	150	25.04	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 15:56:59	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1133	1192	1167	1164	2.51	cps
Zirconium	91-1	250	175	300	242	26.03	cps

LB Number : LB98428 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-06 16:00:25 DataFile Name : 015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	616787	618338	614857	616661	0.28	cps
Antimony	121-1	11948	11664	11581	11731	1.64	cps
Arsenic	75-2	19	33	54	35	50.20	cps
Barium	135-1	2775	2592	2684	2684	3.42	cps
Barium	137-1	4326	4793	4668	4595	5.26	cps
Beryllium	9-1	739	633	594	656	11.40	cps
Bismuth	209-1	4454509	4378296	4476025	4436277	1.16	cps
Bismuth	209-2	1198296	1193400	1212534	1201410	0.83	cps
Boron	10-1	2275	2284	2184	2247	2.47	cps
Boron	11-1	11981	11697	10980	11552	4.47	cps
Cadmium	111-1	1558	1479	1400	1479	5.34	cps
Cadmium	106-1	1292	1133	1092	1172	9.00	cps
Cadmium	108-1	1192	1188	1146	1175	2.16	cps
Calcium	43-1	2112757	2126614	2113081	2117484	0.37	cps
Calcium	44-1	33909845	33504826	33700440	33705037	0.60	cps
Chromium	52-2	16350	17091	16780	16740	2.22	cps
Cobalt	59-2	2177	2150	2157	2161	0.64	cps
Copper	63-2	12176	12179	12092	12149	0.40	cps
Dysprosium	156-1	25	33	33	31	15.74	cps
Dysprosium	156-2	7	7	7	7	0.00	cps
Erbium	164-1	67	17	58	47	56.72	cps
Erbium	164-2	3	17	10	10	66.70	cps
Gadolinium	160-1	58	33	100	64	52.72	cps
Gadolinium	160-2	7	7	23	12	78.69	cps
Holmium	165-1	6885282	6745196	6754945	6795141	1.15	cps
Holmium	165-2	1498867	1499859	1518393	1505706	0.73	cps
Indium	115-1	5284385	5244764	5263228	5264126	0.38	cps
Indium	115-2	226279	226590	229173	227348	0.70	cps
Iron	56-2	57028147	56526322	56156190	56570220	0.77	cps
Iron	57-2	1416839	1450916	1433037	1433597	1.19	cps
Krypton	83-1	350	417	407	391	9.19	cps
Lead	206-1	28717	29529	28371	28872	2.06	cps
Lead	207-1	23127	23094	23239	23153	0.33	cps
Lead	208-1	109307	109400	110223	109643	0.46	cps
Lithium	6-1	1390645	1372297	1367125	1376689	0.90	cps
Magnesium	24-2	3075738	3096806	3079563	3084035	0.36	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 16:00:25	DataFile Name :	015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1964	1897	1984	1948	2.33	cps
Molybdenum	94-1	4232465	4259675	4228084	4240075	0.40	cps
Molybdenum	95-1	7583581	7445186	7442578	7490448	1.08	cps
Molybdenum	96-1	8095330	8031862	7978793	8035329	0.73	cps
Molybdenum	97-1	4770842	4658514	4697628	4708995	1.21	cps
Molybdenum	98-1	11984214	11834019	11839220	11885818	0.72	cps
Neodymium	150-1	53	20	47	40	44.10	cps
Neodymium	150-2	0	7	7	4	86.60	cps
Nickel	60-2	3300	2957	2920	3059	6.85	cps
Phosphorus	31-2	44647	43535	43509	43897	1.48	cps
Potassium	39-2	1603226	1592522	1593654	1596467	0.37	cps
Rhodium	103-1	5014368	4875984	4909281	4933211	1.46	cps
Rhodium	103-2	1318034	1329327	1340801	1329387	0.86	cps
Scandium	45-1	3314944	3237909	3276623	3276492	1.18	cps
Scandium	45-2	24552	24368	24882	24601	1.06	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	4	1	173.21	cps
Selenium	82-1	52	-23	28	19	200.27	cps
Silicon	28-1	347263	346405	351350	348340	0.76	cps
Silver	109-1	542	583	750	625	17.64	cps
Silver	107-1	658	667	783	703	9.95	cps
Sodium	23-2	6889435	6869424	6909250	6889369	0.29	cps
Strontium	86-1	80847	81644	83153	81882	1.43	cps
Strontium	88-1	704726	709194	707064	706995	0.32	cps
Sulfur	34-1	2829888	2846472	2832285	2836215	0.32	cps
Terbium	159-1	7143881	6985332	6993431	7040881	1.27	cps
Terbium	159-2	1441585	1448286	1457864	1449245	0.56	cps
Thallium	203-1	1192	1559	1517	1422	14.12	cps
Thallium	205-1	3192	3559	3626	3459	6.75	cps
Tin	118-1	2292	2375	2625	2431	7.14	cps
Titanium	47-1	2095861	2056264	2074140	2075421	0.96	cps
Uranium	238-1	442	550	533	508	11.48	cps
Vanadium	51-2	107	107	107	107	0.00	cps
Yttrium	89-1	5728072	5704545	5718335	5716984	0.21	cps
Yttrium	89-2	173885	171852	174279	173339	0.75	cps
Zinc	66-2	1780	1800	1820	1800	1.11	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 16:00:25	DataFile Name :	015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	8386	7102	6519	7336	13.03	cps
Zirconium	91-1	1900	1700	1450	1684	13.39	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 16:08:56	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	602967	605456	599661	602695	0.48	cps
Antimony	121-1	181965	184228	183936	183376	0.67	cps
Arsenic	75-2	2019	2004	2046	2023	1.07	cps
Barium	135-1	40421	40905	40196	40507	0.90	cps
Barium	137-1	71803	69768	70439	70670	1.47	cps
Beryllium	9-1	30143	29431	30221	29932	1.46	cps
Bismuth	209-1	4402173	4365282	4253481	4340312	1.78	cps
Bismuth	209-2	1170660	1169880	1180959	1173833	0.53	cps
Boron	10-1	1467	1442	1400	1436	2.35	cps
Boron	11-1	7652	7477	7135	7422	3.54	cps
Cadmium	111-1	39425	39730	39479	39545	0.41	cps
Cadmium	106-1	4318	4576	4092	4329	5.59	cps
Cadmium	108-1	3726	3584	3859	3723	3.70	cps
Calcium	43-1	2069699	2085725	2027271	2060899	1.47	cps
Calcium	44-1	33031881	32786565	32916823	32911756	0.37	cps
Chromium	52-2	34790	34777	35154	34907	0.61	cps
Cobalt	59-2	37474	37420	37317	37404	0.21	cps
Copper	63-2	42181	41876	41940	41999	0.38	cps
Dysprosium	156-1	75	17	42	44	65.84	cps
Dysprosium	156-2	10	10	17	12	31.50	cps
Erbium	164-1	58	58	67	61	7.87	cps
Erbium	164-2	0	13	10	8	89.21	cps
Gadolinium	160-1	50	75	92	72	29.04	cps
Gadolinium	160-2	20	17	10	16	32.73	cps
Holmium	165-1	6743734	6677081	6530117	6650311	1.64	cps
Holmium	165-2	1489089	1464969	1471310	1475122	0.85	cps
Indium	115-1	5234323	5242457	5220600	5232460	0.21	cps
Indium	115-2	222440	221483	223268	222397	0.40	cps
Iron	56-2	55053423	55129655	55220061	55134380	0.15	cps
Iron	57-2	1383741	1391156	1376078	1383658	0.54	cps
Krypton	83-1	487	420	367	424	14.17	cps
Lead	206-1	147278	147052	146743	147024	0.18	cps
Lead	207-1	122502	123451	121504	122485	0.79	cps
Lead	208-1	567969	570959	567242	568723	0.35	cps
Lithium	6-1	1337726	1365008	1354902	1352545	1.02	cps
Magnesium	24-2	3061422	3035375	2988746	3028514	1.22	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 16:08:56	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	6562	6332	6375	6423	1.90	cps
Molybdenum	94-1	4207096	4125768	4152705	4161856	1.00	cps
Molybdenum	95-1	7490866	7305398	7349814	7382026	1.31	cps
Molybdenum	96-1	7995988	7857859	7895466	7916437	0.90	cps
Molybdenum	97-1	4679499	4644614	4662912	4662342	0.37	cps
Molybdenum	98-1	11638858	11696921	11745602	11693793	0.46	cps
Neodymium	150-1	80	47	33	53	45.06	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	14001	14141	14595	14245	2.18	cps
Phosphorus	31-2	42014	41955	42423	42130	0.61	cps
Potassium	39-2	1555616	1569386	1548353	1557785	0.69	cps
Rhodium	103-1	4863427	4838449	4810021	4837299	0.55	cps
Rhodium	103-2	1291875	1298157	1300197	1296743	0.33	cps
Scandium	45-1	3279094	3159283	3154503	3197627	2.21	cps
Scandium	45-2	24017	23901	24311	24076	0.88	cps
Selenium	77-2	10	3	10	8	49.52	cps
Selenium	78-2	46	52	41	46	12.00	cps
Selenium	82-1	2243	2405	2432	2360	4.33	cps
Silicon	28-1	345731	346191	349267	347063	0.55	cps
Silver	109-1	170228	172898	168172	170433	1.39	cps
Silver	107-1	179918	182291	179521	180577	0.83	cps
Sodium	23-2	6729873	6765518	6740644	6745345	0.27	cps
Strontium	86-1	80219	81401	80773	80798	0.73	cps
Strontium	88-1	699109	698542	696532	698061	0.19	cps
Sulfur	34-1	2788234	2772237	2752252	2770908	0.65	cps
Terbium	159-1	6890902	6843676	6845043	6859874	0.39	cps
Terbium	159-2	1416021	1419190	1416518	1417243	0.12	cps
Thallium	203-1	147507	145255	145803	146188	0.80	cps
Thallium	205-1	350093	349134	349340	349522	0.14	cps
Tin	118-1	2367	2534	2267	2389	5.64	cps
Titanium	47-1	2046752	2026911	2049007	2040890	0.60	cps
Uranium	238-1	533	558	542	544	2.34	cps
Vanadium	51-2	12059	11805	11785	11883	1.28	cps
Yttrium	89-1	5568715	5654834	5565868	5596472	0.90	cps
Yttrium	89-2	170177	169939	169322	169813	0.26	cps
Zinc	66-2	4641	4698	4517	4619	1.99	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 16:08:56	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	8711	7010	5660	7127	21.46	cps
Zirconium	91-1	2275	1742	1225	1747	30.05	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	CCV82	Instrumnet Name :	P8
Client Sample ID :	CCV82	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 16:12:15	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	363046	362624	362822	362831	0.06	cps
Antimony	121-1	4518307	4636292	4638384	4597661	1.49	cps
Arsenic	75-2	53637	53021	52687	53115	0.91	cps
Barium	135-1	4869653	4888487	4963853	4907331	1.02	cps
Barium	137-1	8422937	8504975	8510171	8479361	0.58	cps
Beryllium	9-1	770052	778631	783910	777531	0.90	cps
Bismuth	209-1	4306445	4281858	4176210	4254838	1.63	cps
Bismuth	209-2	1146491	1181642	1181963	1170032	1.74	cps
Boron	10-1	84708	88489	91525	88240	3.87	cps
Boron	11-1	412210	433027	443359	429532	3.69	cps
Cadmium	111-1	993289	1010255	1019096	1007547	1.30	cps
Cadmium	106-1	104528	108131	108333	106997	2.00	cps
Cadmium	108-1	71497	71769	73382	72216	1.41	cps
Calcium	43-1	5179799	5293475	5355238	5276171	1.69	cps
Calcium	44-1	84167356	85094319	85887800	85049825	1.01	cps
Chromium	52-2	452856	444849	448759	448821	0.89	cps
Cobalt	59-2	925073	925320	922385	924259	0.18	cps
Copper	63-2	1580509	1558746	1531758	1557004	1.57	cps
Dysprosium	156-1	67	142	58	89	51.63	cps
Dysprosium	156-2	3	10	3	6	69.34	cps
Erbium	164-1	33	67	58	53	32.86	cps
Erbium	164-2	7	13	20	13	49.99	cps
Gadolinium	160-1	100	58	67	75	29.39	cps
Gadolinium	160-2	17	10	10	12	31.50	cps
Holmium	165-1	6556678	6547384	6380217	6494760	1.53	cps
Holmium	165-2	1463678	1496955	1503905	1488179	1.44	cps
Indium	115-1	5038845	5042334	4979401	5020193	0.70	cps
Indium	115-2	216027	219419	221466	218971	1.25	cps
Iron	56-2	72278499	72584363	71970157	72277673	0.42	cps
Iron	57-2	1851385	1840344	1830203	1840644	0.58	cps
Krypton	83-1	337	327	360	341	5.01	cps
Lead	206-1	2970829	3058179	3051359	3026789	1.61	cps
Lead	207-1	2724756	2775717	2803911	2768128	1.45	cps
Lead	208-1	12218368	12533350	12500004	12417241	1.39	cps
Lithium	6-1	1318064	1331538	1291994	1313865	1.53	cps
Magnesium	24-2	7830413	7758962	7777930	7789102	0.48	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	CCV82	Instrumnet Name :	P8
Client Sample ID :	CCV82	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 16:12:15	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	251279	250124	250862	250755	0.23	cps
Molybdenum	94-1	7840579	8026850	7970845	7946091	1.20	cps
Molybdenum	95-1	9692160	9907798	9858038	9819332	1.15	cps
Molybdenum	96-1	10870155	11126564	11016019	11004246	1.17	cps
Molybdenum	97-1	6065658	6227717	6235309	6176228	1.55	cps
Molybdenum	98-1	15425506	15708659	15882421	15672195	1.47	cps
Neodymium	150-1	280	273	240	264	8.10	cps
Neodymium	150-2	13	13	10	12	15.73	cps
Nickel	60-2	275779	277007	275654	276146	0.27	cps
Phosphorus	31-2	5093	4534	4659	4762	6.16	cps
Potassium	39-2	2057097	2074354	2028007	2053153	1.14	cps
Rhodium	103-1	4658649	4686067	4601909	4648875	0.92	cps
Rhodium	103-2	1271908	1287828	1291074	1283603	0.80	cps
Scandium	45-1	3176357	3201810	3128041	3168736	1.18	cps
Scandium	45-2	24351	24749	25086	24729	1.49	cps
Selenium	77-2	400	357	323	360	10.68	cps
Selenium	78-2	1252	1259	1237	1249	0.91	cps
Selenium	82-1	62521	64627	63884	63677	1.68	cps
Silicon	28-1	2273270	2295383	2346888	2305180	1.64	cps
Silver	109-1	4567622	4613398	4609755	4596925	0.55	cps
Silver	107-1	4817175	4923172	4881771	4874039	1.10	cps
Sodium	23-2	17529406	17643263	17566399	17579690	0.33	cps
Strontium	86-1	1215683	1244548	1245113	1235115	1.36	cps
Strontium	88-1	10500523	10771450	10739767	10670580	1.39	cps
Sulfur	34-1	642899	649854	651456	648070	0.70	cps
Terbium	159-1	6739009	6723057	6625111	6695726	0.92	cps
Terbium	159-2	1410689	1433325	1441110	1428375	1.11	cps
Thallium	203-1	3693374	3789417	3802278	3761690	1.58	cps
Thallium	205-1	8754017	8927867	9030903	8904262	1.57	cps
Tin	118-1	3117334	3203111	3222634	3181027	1.76	cps
Titanium	47-1	2642272	2671965	2667158	2660465	0.60	cps
Uranium	238-1	12063978	12320908	12413071	12265986	1.47	cps
Vanadium	51-2	323228	321066	322281	322192	0.34	cps
Yttrium	89-1	5513112	5569633	5409307	5497351	1.48	cps
Yttrium	89-2	168927	172245	170921	170698	0.98	cps
Zinc	66-2	149195	149080	148508	148928	0.25	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	CCV82	Instrumnet Name :	P8
Client Sample ID :	CCV82	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 16:12:15	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6518526	6750778	6690214	6653173	1.81	cps
Zirconium	91-1	1482603	1541595	1526470	1516889	2.02	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	CCB82	Instrumnet Name :	P8
Client Sample ID :	CCB82	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 16:17:46	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18	20	10	16	32.89	cps
Antimony	121-1	4443	4426	4259	4376	2.32	cps
Arsenic	75-2	7	11	15	11	33.30	cps
Barium	135-1	67	92	83	81	15.80	cps
Barium	137-1	100	117	150	122	20.83	cps
Beryllium	9-1	311	389	350	350	11.11	cps
Bismuth	209-1	4584837	4462068	4457835	4501580	1.60	cps
Bismuth	209-2	1256041	1269699	1274382	1266708	0.75	cps
Boron	10-1	2092	2084	2025	2067	1.76	cps
Boron	11-1	9762	9245	8920	9309	4.56	cps
Cadmium	111-1	754	846	724	775	8.21	cps
Cadmium	106-1	1058	1192	983	1078	9.79	cps
Cadmium	108-1	17	13	8	13	33.36	cps
Calcium	43-1	275	400	350	342	18.41	cps
Calcium	44-1	13507	12840	12656	13001	3.44	cps
Chromium	52-2	387	363	383	378	3.34	cps
Cobalt	59-2	57	63	50	57	11.76	cps
Copper	63-2	367	340	290	332	11.72	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	25	33	25	33.32	cps
Erbium	164-2	7	7	3	6	34.70	cps
Gadolinium	160-1	33	58	17	36	58.08	cps
Gadolinium	160-2	7	3	3	4	43.40	cps
Holmium	165-1	6698280	6410797	6468187	6525755	2.33	cps
Holmium	165-2	1493746	1503949	1502189	1499962	0.36	cps
Indium	115-1	5379378	5162881	5242826	5261695	2.08	cps
Indium	115-2	233718	236936	234234	234962	0.74	cps
Iron	56-2	2739	2661	2606	2669	2.51	cps
Iron	57-2	67	61	67	65	4.95	cps
Krypton	83-1	367	380	363	370	2.38	cps
Lead	206-1	761	872	772	802	7.63	cps
Lead	207-1	778	728	700	735	5.36	cps
Lead	208-1	3423	3456	3206	3361	4.04	cps
Lithium	6-1	1417846	1344209	1386191	1382749	2.67	cps
Magnesium	24-2	550	567	517	544	4.68	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	CCB82	Instrumnet Name :	P8
Client Sample ID :	CCB82	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 16:17:46	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	37	33	27	32	15.80	cps
Molybdenum	94-1	1542	1375	1383	1433	6.55	cps
Molybdenum	95-1	1859	1659	1667	1728	6.55	cps
Molybdenum	96-1	1967	2000	1692	1886	8.97	cps
Molybdenum	97-1	1167	950	1175	1097	11.63	cps
Molybdenum	98-1	2934	2450	2567	2650	9.52	cps
Neodymium	150-1	13	7	0	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	237	293	217	249	15.98	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	3042	2925	2809	2925	3.99	cps
Rhodium	103-1	5149976	4862386	4964391	4992251	2.92	cps
Rhodium	103-2	1379177	1400077	1398344	1392533	0.83	cps
Scandium	45-1	3247160	3170415	3182522	3200032	1.29	cps
Scandium	45-2	25039	25233	24909	25060	0.65	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	2	2	0	1	86.60	cps
Selenium	82-1	46	41	43	43	5.47	cps
Silicon	28-1	203979	206973	207362	206105	0.90	cps
Silver	109-1	258	342	367	322	17.60	cps
Silver	107-1	392	375	275	347	18.17	cps
Sodium	23-2	9195	9845	9395	9479	3.51	cps
Strontium	86-1	517	758	517	597	23.36	cps
Strontium	88-1	358	242	300	300	19.44	cps
Sulfur	34-1	330013	330205	332637	330952	0.44	cps
Terbium	159-1	6934805	6600494	6768509	6767936	2.47	cps
Terbium	159-2	1433933	1452093	1451853	1445960	0.72	cps
Thallium	203-1	1000	1033	992	1008	2.19	cps
Thallium	205-1	2542	2409	2459	2470	2.73	cps
Tin	118-1	1592	1617	1617	1609	0.90	cps
Titanium	47-1	167	175	200	181	9.61	cps
Uranium	238-1	242	150	192	194	23.60	cps
Vanadium	51-2	7	3	3	4	43.40	cps
Yttrium	89-1	5625176	5420212	5526374	5523921	1.86	cps
Yttrium	89-2	173428	175231	174552	174404	0.52	cps
Zinc	66-2	127	113	120	120	5.55	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	CCB82	Instrumnet Name :	P8
Client Sample ID :	CCB82	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 16:17:46	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1483	1684	1408	1525	9.32	cps
Zirconium	91-1	417	317	183	306	38.31	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 16:21:11	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	145	195	173	171	14.66	cps
Antimony	121-1	20542	19390	20007	19980	2.88	cps
Arsenic	75-2	143	120	111	125	12.98	cps
Barium	135-1	18981	19014	18555	18850	1.36	cps
Barium	137-1	32942	32558	33185	32895	0.96	cps
Beryllium	9-1	1622	1911	1995	1843	10.60	cps
Bismuth	209-1	4594002	4597491	4602422	4597971	0.09	cps
Bismuth	209-2	1235838	1255841	1305992	1265890	2.85	cps
Boron	10-1	5526	5393	5735	5551	3.10	cps
Boron	11-1	25791	27319	28070	27060	4.29	cps
Cadmium	111-1	2829	2815	2778	2807	0.94	cps
Cadmium	106-1	1333	1417	1142	1297	10.87	cps
Cadmium	108-1	150	133	150	144	6.66	cps
Calcium	43-1	10813	11347	10988	11049	2.46	cps
Calcium	44-1	179854	181290	183299	181481	0.95	cps
Chromium	52-2	2137	2217	2264	2206	2.90	cps
Cobalt	59-2	1917	1884	2050	1950	4.52	cps
Copper	63-2	3641	3651	3534	3608	1.79	cps
Dysprosium	156-1	0	17	8	8	100.02	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	42	42	42	42	0.00	cps
Erbium	164-2	3	3	7	4	43.40	cps
Gadolinium	160-1	25	50	42	39	32.73	cps
Gadolinium	160-2	3	0	7	3	100.05	cps
Holmium	165-1	6590736	6721365	6629592	6647231	1.01	cps
Holmium	165-2	1478036	1495489	1533468	1502331	1.89	cps
Indium	115-1	5408297	5346631	5439144	5398024	0.87	cps
Indium	115-2	233198	235255	241641	236698	1.86	cps
Iron	56-2	31775	32037	32850	32221	1.74	cps
Iron	57-2	844	706	833	794	9.71	cps
Krypton	83-1	417	330	350	366	12.41	cps
Lead	206-1	6941	6858	7030	6943	1.24	cps
Lead	207-1	6246	6018	6257	6174	2.19	cps
Lead	208-1	27674	28158	27696	27842	0.98	cps
Lithium	6-1	1401091	1408137	1441874	1417034	1.54	cps
Magnesium	24-2	16485	16627	16402	16505	0.69	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 16:21:11	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	303	233	293	277	13.68	cps
Molybdenum	94-1	17036	16661	18305	17334	4.97	cps
Molybdenum	95-1	20241	20366	19423	20010	2.56	cps
Molybdenum	96-1	22085	21559	22920	22188	3.09	cps
Molybdenum	97-1	13299	12464	12440	12734	3.84	cps
Molybdenum	98-1	31788	31304	32156	31749	1.35	cps
Neodymium	150-1	7	0	13	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	947	840	817	868	7.99	cps
Phosphorus	31-2	8	8	17	11	43.34	cps
Potassium	39-2	11555	10880	10780	11071	3.81	cps
Rhodium	103-1	5145295	5101576	5116889	5121253	0.43	cps
Rhodium	103-2	1386346	1385436	1434960	1402247	2.02	cps
Scandium	45-1	3277897	3280616	3294236	3284250	0.27	cps
Scandium	45-2	24946	25981	26362	25763	2.84	cps
Selenium	77-2	7	3	7	6	34.70	cps
Selenium	78-2	19	11	26	19	40.01	cps
Selenium	82-1	643	677	744	688	7.48	cps
Silicon	28-1	272296	272607	270628	271844	0.39	cps
Silver	109-1	9929	10088	10396	10138	2.34	cps
Silver	107-1	9821	10471	10471	10254	3.66	cps
Sodium	23-2	44011	44211	44295	44172	0.33	cps
Strontium	86-1	3134	3251	2984	3123	4.28	cps
Strontium	88-1	22119	22795	21384	22099	3.19	cps
Sulfur	34-1	334911	332675	332111	333232	0.44	cps
Terbium	159-1	6878369	6825982	6918222	6874191	0.67	cps
Terbium	159-2	1437951	1438181	1479305	1451813	1.64	cps
Thallium	203-1	8678	8211	8186	8359	3.32	cps
Thallium	205-1	19766	19858	19741	19788	0.31	cps
Tin	118-1	31622	32173	32206	32000	1.03	cps
Titanium	47-1	5635	5018	5184	5279	6.05	cps
Uranium	238-1	24608	24976	23715	24433	2.65	cps
Vanadium	51-2	3104	3090	3010	3068	1.65	cps
Yttrium	89-1	5659907	5639466	5687688	5662354	0.43	cps
Yttrium	89-2	173442	173681	178678	175267	1.69	cps
Zinc	66-2	543	487	453	494	9.20	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 16:21:11	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	15326	15351	15000	15226	1.28	cps
Zirconium	91-1	3584	3567	3276	3476	4.99	cps

LB Number : LB98428 Operator : Jaswal
 Lab Sample ID : PB113531BL Instrumnet Name : P8
 Client Sample ID : PB113531BL Dilution Factor : 1
 Date & Time Acquired :: 2018-10-06 16:24:36 DataFile Name : 021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	20	10	13	52.95	cps
Antimony	121-1	1108	1008	1042	1053	4.84	cps
Arsenic	75-2	4	7	4	5	43.39	cps
Barium	135-1	83	42	0	42	100.00	cps
Barium	137-1	92	67	108	89	23.59	cps
Beryllium	9-1	239	311	217	256	19.32	cps
Bismuth	209-1	4483584	4517161	4521068	4507271	0.46	cps
Bismuth	209-2	1256850	1265235	1241273	1254453	0.97	cps
Boron	10-1	1500	1325	1400	1408	6.23	cps
Boron	11-1	6568	6710	6035	6438	5.53	cps
Cadmium	111-1	831	884	908	874	4.46	cps
Cadmium	106-1	1158	1267	1275	1233	5.28	cps
Cadmium	108-1	13	4	8	8	49.98	cps
Calcium	43-1	333	325	300	319	5.43	cps
Calcium	44-1	12223	12723	12156	12367	2.51	cps
Chromium	52-2	367	380	347	364	4.60	cps
Cobalt	59-2	63	60	50	58	12.01	cps
Copper	63-2	307	310	237	284	14.56	cps
Dysprosium	156-1	0	8	17	8	100.02	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	8	25	25	19	49.50	cps
Erbium	164-2	3	0	7	3	100.05	cps
Gadolinium	160-1	17	25	50	31	56.77	cps
Gadolinium	160-2	3	3	3	3	0.00	cps
Holmium	165-1	6555811	6649144	6700718	6635225	1.11	cps
Holmium	165-2	1476018	1501986	1479948	1485984	0.94	cps
Indium	115-1	5283839	5368460	5388844	5347047	1.04	cps
Indium	115-2	232114	236113	233816	234015	0.86	cps
Iron	56-2	1795	1878	1706	1793	4.81	cps
Iron	57-2	78	44	56	59	28.64	cps
Krypton	83-1	340	370	343	351	4.68	cps
Lead	206-1	711	633	606	650	8.42	cps
Lead	207-1	594	594	467	552	13.37	cps
Lead	208-1	2689	2595	2434	2572	5.02	cps
Lithium	6-1	1402058	1407091	1414504	1407884	0.44	cps
Magnesium	24-2	558	592	525	558	5.97	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	PB113531BL	Instrumnet Name :	P8
Client Sample ID :	PB113531BL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 16:24:36	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	17	33	47	32	46.65	cps
Molybdenum	94-1	700	650	483	611	18.56	cps
Molybdenum	95-1	575	525	525	542	5.33	cps
Molybdenum	96-1	675	775	667	706	8.55	cps
Molybdenum	97-1	350	417	333	367	12.03	cps
Molybdenum	98-1	917	850	900	889	3.90	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	233	297	260	263	12.07	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	2834	2850	2550	2745	6.14	cps
Rhodium	103-1	5045593	5058477	5126323	5076798	0.85	cps
Rhodium	103-2	1378581	1405854	1390225	1391554	0.98	cps
Scandium	45-1	3241363	3285669	3298272	3275101	0.91	cps
Scandium	45-2	25276	24749	25023	25016	1.06	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	7	4	4	100.05	cps
Selenium	82-1	-1	26	46	24	97.26	cps
Silicon	28-1	211471	209931	210971	210791	0.37	cps
Silver	109-1	150	83	150	128	30.12	cps
Silver	107-1	192	242	183	206	15.35	cps
Sodium	23-2	8820	8061	9062	8647	6.04	cps
Strontium	86-1	708	683	533	642	14.75	cps
Strontium	88-1	250	125	125	167	43.30	cps
Sulfur	34-1	340361	341497	344167	342008	0.57	cps
Terbium	159-1	6755763	6896842	6823717	6825441	1.03	cps
Terbium	159-2	1434892	1457543	1437546	1443327	0.86	cps
Thallium	203-1	708	600	667	658	8.30	cps
Thallium	205-1	1350	1592	1383	1442	9.09	cps
Tin	118-1	1033	850	1108	997	13.33	cps
Titanium	47-1	125	125	200	150	28.87	cps
Uranium	238-1	100	42	92	78	40.56	cps
Vanadium	51-2	7	3	7	6	34.70	cps
Yttrium	89-1	5576863	5708509	5606751	5630708	1.23	cps
Yttrium	89-2	174533	176805	173893	175077	0.87	cps
Zinc	66-2	123	117	63	101	32.53	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	PB113531BL	Instrumnet Name :	P8
Client Sample ID :	PB113531BL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 16:24:36	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1050	900	1025	992	8.10	cps
Zirconium	91-1	175	183	142	167	13.23	cps

LB Number : LB98428 Operator : Jaswal
 Lab Sample ID : PB113531BS Instrumnet Name : P8
 Client Sample ID : PB113531BS Dilution Factor : 1
 Date & Time Acquired :: 2018-10-06 16:32:48 DataFile Name : 023LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	288	328	253	289	12.98	cps
Antimony	121-1	36476	36877	36359	36570	0.74	cps
Arsenic	75-2	196	217	254	222	13.10	cps
Barium	135-1	38424	37128	39234	38262	2.78	cps
Barium	137-1	64884	64600	66057	65181	1.19	cps
Beryllium	9-1	3345	3434	3312	3363	1.88	cps
Bismuth	209-1	4636021	4528617	4494273	4552970	1.62	cps
Bismuth	209-2	1195013	1254797	1268466	1239425	3.15	cps
Boron	10-1	9195	9470	9687	9451	2.61	cps
Boron	11-1	43793	46267	46736	45599	3.47	cps
Cadmium	111-1	4880	5045	5062	4996	2.01	cps
Cadmium	106-1	1475	1642	1500	1539	5.84	cps
Cadmium	108-1	308	288	329	308	6.76	cps
Calcium	43-1	21334	21342	21125	21267	0.58	cps
Calcium	44-1	350864	352584	350357	351268	0.33	cps
Chromium	52-2	4154	4074	3911	4046	3.07	cps
Cobalt	59-2	3994	3921	4144	4020	2.83	cps
Copper	63-2	6715	7079	6935	6910	2.65	cps
Dysprosium	156-1	25	8	17	17	50.01	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	83	8	100	64	76.43	cps
Erbium	164-2	13	7	13	11	34.61	cps
Gadolinium	160-1	42	50	50	47	10.18	cps
Gadolinium	160-2	7	0	3	3	100.05	cps
Holmium	165-1	6771985	6565994	6515904	6617961	2.05	cps
Holmium	165-2	1447068	1503227	1498331	1482875	2.10	cps
Indium	115-1	5427560	5343633	5307647	5359613	1.15	cps
Indium	115-2	228195	239112	238229	235179	2.58	cps
Iron	56-2	202386	201563	200662	201537	0.43	cps
Iron	57-2	4873	5201	4873	4983	3.80	cps
Krypton	83-1	403	353	367	374	6.92	cps
Lead	206-1	12406	12646	12768	12607	1.46	cps
Lead	207-1	11317	11489	11456	11420	0.80	cps
Lead	208-1	51242	51732	51403	51459	0.48	cps
Lithium	6-1	1432438	1425704	1395477	1417873	1.39	cps
Magnesium	24-2	33357	33165	33557	33359	0.59	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	PB113531BS	Instrumnet Name :	P8
Client Sample ID :	PB113531BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 16:32:48	DataFile Name :	023LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	593	570	517	560	7.02	cps
Molybdenum	94-1	31512	31412	31980	31635	0.96	cps
Molybdenum	95-1	38848	38130	38180	38386	1.05	cps
Molybdenum	96-1	43203	42066	42936	42735	1.39	cps
Molybdenum	97-1	23972	23864	23655	23830	0.68	cps
Molybdenum	98-1	61884	62629	61147	61887	1.20	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1370	1420	1370	1387	2.08	cps
Phosphorus	31-2	0	8	25	11	114.58	cps
Potassium	39-2	19255	19464	19556	19425	0.79	cps
Rhodium	103-1	5214855	5087199	4995174	5099076	2.16	cps
Rhodium	103-2	1345483	1398764	1395768	1380005	2.17	cps
Scandium	45-1	3370708	3259386	3225032	3285042	2.32	cps
Scandium	45-2	23884	25310	25407	24867	3.43	cps
Selenium	77-2	7	10	13	10	33.30	cps
Selenium	78-2	43	24	17	28	48.07	cps
Selenium	82-1	1308	1421	1236	1322	7.06	cps
Silicon	28-1	341342	340199	337461	339667	0.59	cps
Silver	109-1	18814	19390	19481	19228	1.88	cps
Silver	107-1	20408	20224	20324	20319	0.45	cps
Sodium	23-2	81592	81324	82203	81706	0.55	cps
Strontium	86-1	5368	5543	5793	5568	3.84	cps
Strontium	88-1	43035	42851	42175	42687	1.06	cps
Sulfur	34-1	342911	340813	343148	342291	0.38	cps
Terbium	159-1	6896853	6802839	6787218	6828970	0.87	cps
Terbium	159-2	1392291	1458204	1457548	1436015	2.64	cps
Thallium	203-1	16111	15185	15060	15452	3.72	cps
Thallium	205-1	37231	36980	36219	36810	1.43	cps
Tin	118-1	61961	62916	62630	62502	0.78	cps
Titanium	47-1	10580	10379	10529	10496	0.99	cps
Uranium	238-1	48245	48328	47375	47983	1.10	cps
Vanadium	51-2	6225	6098	6202	6175	1.09	cps
Yttrium	89-1	5702767	5618405	5607470	5642881	0.92	cps
Yttrium	89-2	169824	175319	177752	174298	2.33	cps
Zinc	66-2	697	733	737	722	3.07	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	PB113531BS	Instrumnet Name :	P8
Client Sample ID :	PB113531BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 16:32:48	DataFile Name :	023LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	26970	26936	28447	27451	3.14	cps
Zirconium	91-1	5918	5893	5968	5927	0.64	cps

LB Number : LB98428 Operator : Jaswal
 Lab Sample ID : PB113523BL Instrumnet Name : P8
 Client Sample ID : PB113523BL Dilution Factor : 1
 Date & Time Acquired :: 2018-10-06 16:36:13 DataFile Name : 024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5	8	15	9	56.77	cps
Antimony	121-1	683	558	483	575	17.57	cps
Arsenic	75-2	0	2	11	4	137.79	cps
Barium	135-1	33	25	17	25	33.34	cps
Barium	137-1	50	67	100	72	35.25	cps
Beryllium	9-1	211	233	211	219	5.87	cps
Bismuth	209-1	4472954	4318203	4481630	4424263	2.08	cps
Bismuth	209-2	1293493	1250707	1262788	1268996	1.74	cps
Boron	10-1	1425	1292	1167	1295	9.98	cps
Boron	11-1	6477	6268	6143	6296	2.68	cps
Cadmium	111-1	845	687	749	760	10.52	cps
Cadmium	106-1	1208	975	1058	1081	10.94	cps
Cadmium	108-1	13	0	0	4	173.21	cps
Calcium	43-1	442	317	350	369	17.52	cps
Calcium	44-1	13065	12748	12189	12667	3.50	cps
Chromium	52-2	313	423	367	368	14.96	cps
Cobalt	59-2	50	50	53	51	3.76	cps
Copper	63-2	273	240	260	258	6.51	cps
Dysprosium	156-1	8	17	25	17	50.01	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	67	25	17	36	74.18	cps
Erbium	164-2	3	0	3	2	86.60	cps
Gadolinium	160-1	25	17	50	31	56.77	cps
Gadolinium	160-2	13	7	7	9	43.25	cps
Holmium	165-1	6543549	6299038	6543235	6461941	2.18	cps
Holmium	165-2	1527522	1492899	1501474	1507298	1.20	cps
Indium	115-1	5265186	5085753	5213783	5188241	1.78	cps
Indium	115-2	241699	238751	240699	240383	0.62	cps
Iron	56-2	1461	1567	1628	1552	5.43	cps
Iron	57-2	39	28	56	41	34.32	cps
Krypton	83-1	397	360	320	359	10.68	cps
Lead	206-1	406	406	344	385	9.16	cps
Lead	207-1	411	483	367	420	14.01	cps
Lead	208-1	1811	1850	1572	1745	8.62	cps
Lithium	6-1	1395275	1341101	1390091	1375489	2.17	cps
Magnesium	24-2	500	383	567	483	19.20	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	PB113523BL	Instrumnet Name :	P8
Client Sample ID :	PB113523BL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 16:36:13	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	20	37	40	32	33.25	cps
Molybdenum	94-1	508	408	533	483	13.69	cps
Molybdenum	95-1	267	383	250	300	24.22	cps
Molybdenum	96-1	400	450	342	397	13.65	cps
Molybdenum	97-1	183	208	200	197	6.46	cps
Molybdenum	98-1	350	483	492	442	18.00	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	220	240	200	220	9.09	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	2842	2792	2775	2803	1.24	cps
Rhodium	103-1	5023108	4848735	5016408	4962750	1.99	cps
Rhodium	103-2	1415232	1390467	1417680	1407793	1.07	cps
Scandium	45-1	3277153	3140131	3256582	3224622	2.29	cps
Scandium	45-2	26435	25827	25360	25874	2.08	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	4	0	4	2	86.60	cps
Selenium	82-1	-29	59	69	33	163.14	cps
Silicon	28-1	208965	208915	210389	209423	0.40	cps
Silver	109-1	92	158	92	114	33.80	cps
Silver	107-1	158	167	150	158	5.26	cps
Sodium	23-2	8620	8019	8069	8236	4.04	cps
Strontium	86-1	667	717	558	647	12.51	cps
Strontium	88-1	192	133	92	139	36.17	cps
Sulfur	34-1	347885	346096	345378	346453	0.37	cps
Terbium	159-1	6743315	6420960	6751499	6638592	2.84	cps
Terbium	159-2	1475282	1440146	1464789	1460073	1.24	cps
Thallium	203-1	367	417	383	389	6.55	cps
Thallium	205-1	892	1000	958	950	5.75	cps
Tin	118-1	900	917	925	914	1.39	cps
Titanium	47-1	117	158	133	136	15.41	cps
Uranium	238-1	50	50	83	61	31.50	cps
Vanadium	51-2	10	0	0	3	173.21	cps
Yttrium	89-1	5626963	5410975	5573498	5537145	2.03	cps
Yttrium	89-2	180608	177105	177804	178506	1.04	cps
Zinc	66-2	97	113	97	102	9.41	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	PB113523BL	Instrumnet Name :	P8
Client Sample ID :	PB113523BL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 16:36:13	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	792	750	717	753	4.99	cps
Zirconium	91-1	183	167	117	156	22.31	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	PB113523BS	Instrumnet Name :	P8
Client Sample ID :	PB113523BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 16:39:38	DataFile Name :	025LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	330	330	273	311	10.68	cps
Antimony	121-1	35774	36159	36108	36014	0.58	cps
Arsenic	75-2	219	246	231	232	5.99	cps
Barium	135-1	38774	37813	37203	37930	2.09	cps
Barium	137-1	66619	65898	65488	66002	0.87	cps
Beryllium	9-1	3312	3289	3506	3369	3.54	cps
Bismuth	209-1	4572521	4558995	4351651	4494389	2.75	cps
Bismuth	209-2	1250711	1258170	1231623	1246835	1.10	cps
Boron	10-1	9278	9587	9637	9501	2.04	cps
Boron	11-1	43810	44963	46284	45019	2.75	cps
Cadmium	111-1	4838	5164	4750	4917	4.44	cps
Cadmium	106-1	1350	1775	1517	1547	13.84	cps
Cadmium	108-1	350	304	304	319	8.28	cps
Calcium	43-1	20699	21284	22001	21328	3.06	cps
Calcium	44-1	352432	353745	354121	353433	0.25	cps
Chromium	52-2	4237	4174	4257	4223	1.03	cps
Cobalt	59-2	3954	4061	4084	4033	1.72	cps
Copper	63-2	6788	6832	6555	6725	2.21	cps
Dysprosium	156-1	0	17	33	17	100.00	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	42	83	58	61	34.32	cps
Erbium	164-2	13	3	13	10	57.75	cps
Gadolinium	160-1	25	83	50	53	55.46	cps
Gadolinium	160-2	3	3	3	3	0.00	cps
Holmium	165-1	6554902	6622984	6333507	6503797	2.33	cps
Holmium	165-2	1491206	1499820	1475904	1488977	0.81	cps
Indium	115-1	5318808	5393429	5182571	5298269	2.02	cps
Indium	115-2	237009	240046	234279	237111	1.22	cps
Iron	56-2	203867	202211	199941	202007	0.98	cps
Iron	57-2	5307	4745	5307	5120	6.33	cps
Krypton	83-1	343	393	377	371	6.86	cps
Lead	206-1	12406	12790	13063	12753	2.58	cps
Lead	207-1	11650	12134	11700	11828	2.25	cps
Lead	208-1	51765	52354	51837	51985	0.62	cps
Lithium	6-1	1416394	1412982	1377230	1402202	1.55	cps
Magnesium	24-2	33031	32814	33766	33204	1.50	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	PB113523BS	Instrumnet Name :	P8
Client Sample ID :	PB113523BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 16:39:38	DataFile Name :	025LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	473	543	497	504	7.07	cps
Molybdenum	94-1	31797	31629	32381	31936	1.24	cps
Molybdenum	95-1	38080	38940	39066	38695	1.39	cps
Molybdenum	96-1	44064	42325	43880	43423	2.20	cps
Molybdenum	97-1	23421	24890	24782	24364	3.36	cps
Molybdenum	98-1	60620	62101	62562	61761	1.64	cps
Neodymium	150-1	7	20	0	9	114.55	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1487	1493	1470	1483	0.81	cps
Phosphorus	31-2	8	8	8	8	0.00	cps
Potassium	39-2	20315	19915	18805	19678	3.98	cps
Rhodium	103-1	5116836	5099840	4983206	5066628	1.44	cps
Rhodium	103-2	1388360	1403323	1373501	1388395	1.07	cps
Scandium	45-1	3332976	3329428	3195791	3286065	2.38	cps
Scandium	45-2	25580	26008	25363	25650	1.28	cps
Selenium	77-2	10	3	0	4	114.60	cps
Selenium	78-2	28	26	30	28	6.66	cps
Selenium	82-1	1440	1356	1320	1372	4.48	cps
Silicon	28-1	342100	342768	342880	342583	0.12	cps
Silver	109-1	20299	19974	18730	19668	4.21	cps
Silver	107-1	20500	21626	20174	20767	3.67	cps
Sodium	23-2	83226	81484	81601	82104	1.19	cps
Strontium	86-1	5360	5835	5476	5557	4.46	cps
Strontium	88-1	44115	42417	43061	43197	1.98	cps
Sulfur	34-1	350491	353353	348732	350859	0.66	cps
Terbium	159-1	6895325	6792090	6695074	6794163	1.47	cps
Terbium	159-2	1435919	1452666	1428053	1438880	0.87	cps
Thallium	203-1	15410	15435	15268	15371	0.59	cps
Thallium	205-1	35760	36094	36295	36050	0.75	cps
Tin	118-1	61693	63618	62716	62676	1.54	cps
Titanium	47-1	10963	11030	10346	10780	3.50	cps
Uranium	238-1	48429	47927	48152	48169	0.52	cps
Vanadium	51-2	6478	6475	6572	6508	0.84	cps
Yttrium	89-1	5690644	5624826	5488836	5601436	1.84	cps
Yttrium	89-2	174651	176916	173564	175043	0.98	cps
Zinc	66-2	733	750	693	726	4.01	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	PB113523BS	Instrumnet Name :	P8
Client Sample ID :	PB113523BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 16:39:38	DataFile Name :	025LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	26702	27829	27295	27275	2.07	cps
Zirconium	91-1	5793	5902	6252	5982	4.01	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5092-04	Instrumnet Name :	P8
Client Sample ID :	MX2E41	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 16:43:03	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	23	13	13	16	36.49	cps
Antimony	121-1	173903	177912	177090	176302	1.20	cps
Arsenic	75-2	1220	1215	1250	1228	1.54	cps
Barium	135-1	97936	98071	96695	97567	0.78	cps
Barium	137-1	169659	168081	167801	168513	0.59	cps
Beryllium	9-1	6663	6435	6957	6685	3.92	cps
Bismuth	209-1	4501867	4034984	4660003	4398951	7.39	cps
Bismuth	209-2	1284260	1239266	1312486	1278671	2.89	cps
Boron	10-1	1350	1000	1183	1178	14.87	cps
Boron	11-1	6160	5335	5251	5582	9.00	cps
Cadmium	111-1	15213	15069	15155	15146	0.48	cps
Cadmium	106-1	2600	2217	2509	2442	8.20	cps
Cadmium	108-1	1063	933	929	975	7.78	cps
Calcium	43-1	16619	16035	16394	16349	1.80	cps
Calcium	44-1	268725	270358	268990	269358	0.33	cps
Chromium	52-2	377	350	357	361	3.84	cps
Cobalt	59-2	40	37	47	41	12.39	cps
Copper	63-2	18966	19087	18690	18914	1.08	cps
Dysprosium	156-1	17	0	8	8	100.02	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	50	33	42	42	20.00	cps
Erbium	164-2	0	10	0	3	173.21	cps
Gadolinium	160-1	50	50	42	47	10.18	cps
Gadolinium	160-2	3	3	7	4	43.40	cps
Holmium	165-1	6721776	5962244	6821110	6501710	7.23	cps
Holmium	165-2	1523932	1495849	1543217	1520999	1.57	cps
Indium	115-1	5423934	4969795	5467915	5287214	5.22	cps
Indium	115-2	240738	237782	245762	241427	1.67	cps
Iron	56-2	2028	2339	1945	2104	9.88	cps
Iron	57-2	50	50	44	48	6.65	cps
Krypton	83-1	370	317	373	353	9.00	cps
Lead	206-1	37133	35941	35645	36239	2.17	cps
Lead	207-1	32754	32013	32665	32477	1.24	cps
Lead	208-1	149525	147017	147025	147856	0.98	cps
Lithium	6-1	1405705	1288149	1455757	1383204	6.22	cps
Magnesium	24-2	392	408	458	419	8.27	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5092-04	Instrumnet Name :	P8
Client Sample ID :	MX2E41	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 16:43:03	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3947	4051	4011	4003	1.30	cps
Molybdenum	94-1	500	358	517	458	18.98	cps
Molybdenum	95-1	325	225	192	247	28.07	cps
Molybdenum	96-1	300	400	333	344	14.78	cps
Molybdenum	97-1	133	83	167	128	32.82	cps
Molybdenum	98-1	450	350	383	394	12.91	cps
Neodymium	150-1	27	13	0	13	100.01	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	4527	4097	4194	4273	5.28	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	10504	10971	10538	10671	2.44	cps
Rhodium	103-1	5117572	4675182	5288412	5027055	6.30	cps
Rhodium	103-2	1420379	1393486	1446773	1420213	1.88	cps
Scandium	45-1	3326795	2958973	3459910	3248559	7.99	cps
Scandium	45-2	26592	25794	27006	26464	2.33	cps
Selenium	77-2	23	43	30	32	31.61	cps
Selenium	78-2	59	74	69	67	11.13	cps
Selenium	82-1	3272	3410	3377	3353	2.14	cps
Silicon	28-1	223247	223958	222442	223216	0.34	cps
Silver	109-1	104160	105387	103698	104415	0.84	cps
Silver	107-1	110114	109047	112653	110604	1.67	cps
Sodium	23-2	64187	61995	62974	63052	1.74	cps
Strontium	86-1	508	775	817	700	23.90	cps
Strontium	88-1	775	792	642	736	11.17	cps
Sulfur	34-1	351373	347588	350128	349696	0.55	cps
Terbium	159-1	6858709	6252453	7073662	6728275	6.33	cps
Terbium	159-2	1475288	1450566	1492474	1472776	1.43	cps
Thallium	203-1	37967	38192	38660	38273	0.92	cps
Thallium	205-1	91185	92116	91109	91470	0.61	cps
Tin	118-1	783	817	808	803	2.16	cps
Titanium	47-1	92	108	142	114	22.36	cps
Uranium	238-1	33	58	50	47	26.97	cps
Vanadium	51-2	10	7	0	6	91.64	cps
Yttrium	89-1	5702887	5205003	5807261	5571717	5.78	cps
Yttrium	89-2	181258	175852	181959	179690	1.86	cps
Zinc	66-2	3300	3137	3280	3239	2.75	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5092-04	Instrumnet Name :	P8
Client Sample ID :	MX2E41	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 16:43:03	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	742	642	850	745	14.00	cps
Zirconium	91-1	175	142	233	183	25.31	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5092-05	Instrumnet Name :	P8
Client Sample ID :	MX2E41D	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 16:46:28	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	28	25	10	21	45.44	cps
Antimony	121-1	176942	178765	178342	178016	0.54	cps
Arsenic	75-2	1213	1232	1248	1231	1.43	cps
Barium	135-1	98599	96005	96359	96988	1.45	cps
Barium	137-1	171077	166657	164234	167322	2.07	cps
Beryllium	9-1	6802	6918	6468	6730	3.47	cps
Bismuth	209-1	4220067	4454404	4563693	4412722	3.98	cps
Bismuth	209-2	1252684	1257670	1240535	1250296	0.70	cps
Boron	10-1	1058	825	850	911	14.06	cps
Boron	11-1	4426	4092	4493	4337	4.94	cps
Cadmium	111-1	14955	15496	15198	15216	1.78	cps
Cadmium	106-1	2359	2492	2334	2395	3.56	cps
Cadmium	108-1	975	896	896	922	4.96	cps
Calcium	43-1	15659	16018	15784	15821	1.15	cps
Calcium	44-1	269637	268884	267465	268662	0.41	cps
Chromium	52-2	387	393	390	390	0.86	cps
Cobalt	59-2	47	50	60	52	13.28	cps
Copper	63-2	18893	19207	19147	19082	0.87	cps
Dysprosium	156-1	50	33	0	28	91.65	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	8	33	25	57.74	cps
Erbium	164-2	3	10	3	6	69.34	cps
Gadolinium	160-1	17	42	50	36	48.03	cps
Gadolinium	160-2	10	3	7	7	50.03	cps
Holmium	165-1	6065294	6649004	6621511	6445269	5.11	cps
Holmium	165-2	1512020	1501937	1493590	1502516	0.61	cps
Indium	115-1	5019522	5356866	5479105	5285164	4.50	cps
Indium	115-2	240858	239611	237061	239176	0.81	cps
Iron	56-2	1811	1856	2061	1909	6.99	cps
Iron	57-2	33	33	61	43	37.66	cps
Krypton	83-1	367	393	377	379	3.56	cps
Lead	206-1	38057	35985	36319	36787	3.02	cps
Lead	207-1	32392	32982	31629	32334	2.10	cps
Lead	208-1	148897	147274	146731	147634	0.76	cps
Lithium	6-1	1313659	1412967	1441854	1389493	4.84	cps
Magnesium	24-2	375	408	475	419	12.14	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5092-05	Instrumnet Name :	P8
Client Sample ID :	MX2E41D	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 16:46:28	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3934	3944	3941	3940	0.13	cps
Molybdenum	94-1	375	383	392	383	2.17	cps
Molybdenum	95-1	133	183	208	175	21.82	cps
Molybdenum	96-1	275	333	225	278	19.52	cps
Molybdenum	97-1	167	142	117	142	17.65	cps
Molybdenum	98-1	267	367	308	314	16.00	cps
Neodymium	150-1	0	0	13	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	4584	4421	4321	4442	2.99	cps
Phosphorus	31-2	8	0	17	8	100.02	cps
Potassium	39-2	10988	10137	10012	10379	5.12	cps
Rhodium	103-1	4770414	5054764	5218673	5014617	4.52	cps
Rhodium	103-2	1404714	1407727	1373730	1395390	1.35	cps
Scandium	45-1	3052672	3341176	3419614	3271154	5.91	cps
Scandium	45-2	25654	25690	25537	25627	0.31	cps
Selenium	77-2	27	10	30	22	48.22	cps
Selenium	78-2	67	52	96	72	31.61	cps
Selenium	82-1	3376	3401	3231	3336	2.75	cps
Silicon	28-1	225295	224931	223976	224734	0.30	cps
Silver	109-1	106351	104941	102606	104633	1.81	cps
Silver	107-1	111282	112945	108670	110966	1.94	cps
Sodium	23-2	64807	63643	64681	64377	0.99	cps
Strontium	86-1	758	608	633	667	12.05	cps
Strontium	88-1	925	708	758	797	14.23	cps
Sulfur	34-1	354487	355353	353074	354305	0.32	cps
Terbium	159-1	6391930	6840321	6939805	6724019	4.34	cps
Terbium	159-2	1462067	1452936	1428246	1447750	1.21	cps
Thallium	203-1	37331	38551	37749	37877	1.64	cps
Thallium	205-1	91001	92066	90237	91101	1.01	cps
Tin	118-1	633	717	958	770	21.94	cps
Titanium	47-1	133	108	183	142	26.96	cps
Uranium	238-1	33	33	75	47	50.94	cps
Vanadium	51-2	10	7	10	9	21.63	cps
Yttrium	89-1	5238526	5744499	5732635	5571887	5.18	cps
Yttrium	89-2	178219	179037	174774	177343	1.28	cps
Zinc	66-2	3330	3551	3557	3479	3.71	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5092-05	Instrumnet Name :	P8
Client Sample ID :	MX2E41D	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 16:46:28	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	858	767	667	764	12.55	cps
Zirconium	91-1	167	175	100	147	27.92	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5092-04LX5	Instrumnet Name :	P8
Client Sample ID :	MX2E41L	Dilution Factor :	5
Date & Time Acquired ::	2018-10-06 16:49:53	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	23	15	15	18	24.77	cps
Antimony	121-1	35749	35566	37145	36153	2.39	cps
Arsenic	75-2	198	270	244	238	15.40	cps
Barium	135-1	20150	19382	20091	19874	2.15	cps
Barium	137-1	34279	33903	33677	33953	0.90	cps
Beryllium	9-1	1622	1478	1511	1537	4.92	cps
Bismuth	209-1	4548434	4473896	4275241	4432524	3.19	cps
Bismuth	209-2	1272553	1276221	1283697	1277490	0.44	cps
Boron	10-1	858	975	900	911	6.49	cps
Boron	11-1	3909	4042	4042	3998	1.93	cps
Cadmium	111-1	3673	3755	3496	3642	3.64	cps
Cadmium	106-1	1350	1367	1333	1350	1.23	cps
Cadmium	108-1	217	217	208	214	2.25	cps
Calcium	43-1	3292	3359	3392	3348	1.52	cps
Calcium	44-1	63888	62774	64599	63754	1.44	cps
Chromium	52-2	387	417	357	387	7.76	cps
Cobalt	59-2	33	60	47	47	28.58	cps
Copper	63-2	4094	4011	3957	4021	1.71	cps
Dysprosium	156-1	25	17	0	14	91.65	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	25	8	17	50.01	cps
Erbium	164-2	0	0	3	1	173.21	cps
Gadolinium	160-1	50	75	67	64	19.92	cps
Gadolinium	160-2	3	17	3	8	99.04	cps
Holmium	165-1	6623233	6559863	6207676	6463591	3.46	cps
Holmium	165-2	1518442	1526623	1522691	1522585	0.27	cps
Indium	115-1	5413662	5341945	5149059	5301555	2.58	cps
Indium	115-2	242042	240273	245231	242515	1.04	cps
Iron	56-2	1389	1345	1361	1365	1.65	cps
Iron	57-2	22	28	22	24	13.33	cps
Krypton	83-1	377	387	343	369	6.15	cps
Lead	206-1	7753	7625	7525	7634	1.50	cps
Lead	207-1	7091	6808	6947	6948	2.04	cps
Lead	208-1	30910	30710	30649	30756	0.44	cps
Lithium	6-1	1416743	1403495	1341777	1387338	2.88	cps
Magnesium	24-2	358	417	358	378	8.91	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5092-04LX5	Instrumnet Name :	P8
Client Sample ID :	MX2E41L	Dilution Factor :	5
Date & Time Acquired ::	2018-10-06 16:49:53	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	840	783	670	764	11.32	cps
Molybdenum	94-1	408	375	358	381	6.69	cps
Molybdenum	95-1	175	150	142	156	11.15	cps
Molybdenum	96-1	200	175	225	200	12.50	cps
Molybdenum	97-1	167	250	125	181	35.25	cps
Molybdenum	98-1	258	258	242	253	3.81	cps
Neodymium	150-1	0	0	27	9	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1003	1007	1077	1029	4.02	cps
Phosphorus	31-2	0	17	0	6	173.21	cps
Potassium	39-2	4326	4309	4701	4445	4.98	cps
Rhodium	103-1	5182736	5122116	4902677	5069176	2.91	cps
Rhodium	103-2	1424859	1420996	1431840	1425898	0.39	cps
Scandium	45-1	3343835	3325256	3155444	3274845	3.17	cps
Scandium	45-2	26408	25730	26195	26111	1.33	cps
Selenium	77-2	10	7	3	7	50.03	cps
Selenium	78-2	17	19	6	14	51.61	cps
Selenium	82-1	686	685	765	712	6.46	cps
Silicon	28-1	217680	216602	218228	217503	0.38	cps
Silver	109-1	21201	21743	20508	21151	2.93	cps
Silver	107-1	22161	21885	21877	21974	0.74	cps
Sodium	23-2	18629	19256	19030	18972	1.67	cps
Strontium	86-1	592	558	575	575	2.90	cps
Strontium	88-1	283	342	317	314	9.32	cps
Sulfur	34-1	362461	363324	361736	362507	0.22	cps
Terbium	159-1	6837553	6800467	6457149	6698390	3.13	cps
Terbium	159-2	1471213	1464492	1475839	1470515	0.39	cps
Thallium	203-1	7936	8003	7820	7920	1.17	cps
Thallium	205-1	19357	18698	18931	18995	1.76	cps
Tin	118-1	583	900	925	803	23.73	cps
Titanium	47-1	92	150	117	119	24.50	cps
Uranium	238-1	100	25	25	50	86.60	cps
Vanadium	51-2	7	7	0	4	86.60	cps
Yttrium	89-1	5708140	5673328	5406441	5595970	2.95	cps
Yttrium	89-2	180272	178695	181887	180285	0.89	cps
Zinc	66-2	667	670	730	689	5.17	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5092-04LX5	Instrumnet Name :	P8
Client Sample ID :	MX2E41L	Dilution Factor :	5
Date & Time Acquired ::	2018-10-06 16:49:53	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	750	558	650	653	14.69	cps
Zirconium	91-1	125	208	142	158	27.85	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5092-16	Instrumnet Name :	P8
Client Sample ID :	MX2E45	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 16:56:43	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1776	1673	1588	1679	5.59	cps
Antimony	121-1	53265	52604	51359	52409	1.85	cps
Arsenic	75-2	732	713	732	725	1.47	cps
Barium	135-1	78693	81166	80201	80020	1.56	cps
Barium	137-1	139504	138596	138392	138831	0.43	cps
Beryllium	9-1	5924	5874	5757	5851	1.46	cps
Bismuth	209-1	4529279	4384169	4437761	4450403	1.65	cps
Bismuth	209-2	1244147	1266713	1160507	1223789	4.57	cps
Boron	10-1	1375	1425	1242	1347	7.03	cps
Boron	11-1	5810	6452	6927	6396	8.77	cps
Cadmium	111-1	8332	8598	8520	8483	1.61	cps
Cadmium	106-1	1750	1817	1592	1720	6.72	cps
Cadmium	108-1	529	525	496	517	3.52	cps
Calcium	43-1	5360	5518	6027	5635	6.18	cps
Calcium	44-1	97480	97278	98285	97681	0.55	cps
Chromium	52-2	7032	6985	6908	6975	0.89	cps
Cobalt	59-2	10364	10404	10507	10425	0.71	cps
Copper	63-2	12913	12916	12826	12885	0.40	cps
Dysprosium	156-1	742	725	650	706	6.92	cps
Dysprosium	156-2	177	157	173	169	6.34	cps
Erbium	164-1	433	583	517	511	14.70	cps
Erbium	164-2	120	97	127	114	13.76	cps
Gadolinium	160-1	825	558	583	656	22.47	cps
Gadolinium	160-2	173	243	177	198	19.97	cps
Holmium	165-1	6660659	6568139	6697912	6642237	1.01	cps
Holmium	165-2	1522985	1545480	1410409	1492958	4.85	cps
Indium	115-1	5486796	5379692	5408631	5425040	1.02	cps
Indium	115-2	240120	242675	224530	235775	4.17	cps
Iron	56-2	92735	93758	91392	92628	1.28	cps
Iron	57-2	2456	2228	2384	2356	4.94	cps
Krypton	83-1	383	410	443	412	7.29	cps
Lead	206-1	38788	38581	37712	38360	1.49	cps
Lead	207-1	33991	33723	32904	33539	1.69	cps
Lead	208-1	154350	154531	151367	153416	1.16	cps
Lithium	6-1	1454533	1473373	1451010	1459639	0.82	cps
Magnesium	24-2	2809	2467	2700	2659	6.57	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5092-16	Instrumnet Name :	P8
Client Sample ID :	MX2E45	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 16:56:43	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1840	1770	1847	1819	2.34	cps
Molybdenum	94-1	2859	3000	3167	3009	5.13	cps
Molybdenum	95-1	358	333	308	333	7.50	cps
Molybdenum	96-1	858	883	808	850	4.49	cps
Molybdenum	97-1	292	258	200	250	18.56	cps
Molybdenum	98-1	475	458	433	456	4.60	cps
Neodymium	150-1	1213	1287	1287	1262	3.35	cps
Neodymium	150-2	137	143	170	150	11.76	cps
Nickel	60-2	3424	3314	3364	3367	1.64	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	4384	4443	4501	4443	1.31	cps
Rhodium	103-1	5227760	5071718	5208451	5169309	1.65	cps
Rhodium	103-2	1423341	1441030	1325133	1396501	4.47	cps
Scandium	45-1	3348272	3265465	3358344	3324027	1.53	cps
Scandium	45-2	25680	26626	24061	25456	5.10	cps
Selenium	77-2	13	13	7	11	34.61	cps
Selenium	78-2	48	44	76	56	30.64	cps
Selenium	82-1	2393	2264	2248	2302	3.46	cps
Silicon	28-1	1023287	1016205	1017165	1018886	0.38	cps
Silver	109-1	34980	36659	37002	36214	2.99	cps
Silver	107-1	38155	38097	38414	38222	0.44	cps
Sodium	23-2	14274	14575	14433	14427	1.04	cps
Strontium	86-1	6318	5710	6002	6010	5.06	cps
Strontium	88-1	44758	45887	45794	45480	1.38	cps
Sulfur	34-1	325103	328319	325921	326448	0.51	cps
Terbium	159-1	7008870	6797903	6897013	6901262	1.53	cps
Terbium	159-2	1480441	1486962	1368557	1445320	4.61	cps
Thallium	203-1	25100	24316	25251	24889	2.02	cps
Thallium	205-1	58226	60026	58645	58966	1.60	cps
Tin	118-1	1950	1992	1909	1950	2.14	cps
Titanium	47-1	2525	2350	2634	2503	5.71	cps
Uranium	238-1	925	867	925	906	3.72	cps
Vanadium	51-2	11688	11462	11321	11490	1.61	cps
Yttrium	89-1	5774966	5674397	5747275	5732213	0.91	cps
Yttrium	89-2	178219	179689	164441	174116	4.83	cps
Zinc	66-2	3604	3420	3761	3595	4.74	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5092-16	Instrumnet Name :	P8
Client Sample ID :	MX2E45	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 16:56:43	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	7336	7469	7803	7536	3.19	cps
Zirconium	91-1	1650	1675	1750	1692	3.08	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5092-17	Instrumnet Name :	P8
Client Sample ID :	MX2E45D	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 17:00:07	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1568	1713	1435	1572	8.83	cps
Antimony	121-1	48648	49351	49359	49119	0.83	cps
Arsenic	75-2	735	761	733	743	2.09	cps
Barium	135-1	80839	76689	78860	78796	2.63	cps
Barium	137-1	137348	136784	137970	137368	0.43	cps
Beryllium	9-1	5557	5679	5707	5648	1.41	cps
Bismuth	209-1	4573044	4282231	4475222	4443499	3.33	cps
Bismuth	209-2	1237973	1251822	1211026	1233607	1.68	cps
Boron	10-1	1275	1433	1283	1331	6.70	cps
Boron	11-1	5968	5685	6077	5910	3.42	cps
Cadmium	111-1	8474	8353	8099	8309	2.30	cps
Cadmium	106-1	1917	1534	1875	1775	11.85	cps
Cadmium	108-1	433	508	421	454	10.42	cps
Calcium	43-1	5109	5685	5776	5524	6.54	cps
Calcium	44-1	95524	94635	95767	95309	0.63	cps
Chromium	52-2	6645	6615	6702	6654	0.66	cps
Cobalt	59-2	10327	10487	10027	10281	2.27	cps
Copper	63-2	12960	13283	12459	12901	3.22	cps
Dysprosium	156-1	658	625	825	703	15.25	cps
Dysprosium	156-2	180	200	157	179	12.13	cps
Erbium	164-1	408	525	475	469	12.47	cps
Erbium	164-2	113	100	117	110	8.02	cps
Gadolinium	160-1	658	633	725	672	7.05	cps
Gadolinium	160-2	187	197	173	186	6.31	cps
Holmium	165-1	6746398	6379036	6709568	6611667	3.06	cps
Holmium	165-2	1494884	1511066	1475685	1493878	1.19	cps
Indium	115-1	5498210	5158244	5363383	5339946	3.21	cps
Indium	115-2	234210	241639	234735	236861	1.75	cps
Iron	56-2	91320	93539	90431	91763	1.74	cps
Iron	57-2	2234	2267	2122	2208	3.43	cps
Krypton	83-1	327	343	427	366	14.66	cps
Lead	206-1	37667	37350	37980	37666	0.84	cps
Lead	207-1	32486	33511	32771	32923	1.61	cps
Lead	208-1	152447	151746	150416	151536	0.68	cps
Lithium	6-1	1465797	1374967	1437257	1426007	3.26	cps
Magnesium	24-2	2634	2859	2884	2792	4.93	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5092-17	Instrumnet Name :	P8
Client Sample ID :	MX2E45D	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 17:00:07	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1840	1977	1780	1866	5.40	cps
Molybdenum	94-1	3209	2825	3009	3014	6.36	cps
Molybdenum	95-1	333	325	267	308	11.78	cps
Molybdenum	96-1	750	908	983	881	13.53	cps
Molybdenum	97-1	267	283	225	258	11.63	cps
Molybdenum	98-1	433	442	400	425	5.19	cps
Neodymium	150-1	1287	1373	1227	1296	5.69	cps
Neodymium	150-2	160	190	170	173	8.81	cps
Nickel	60-2	3524	3427	3250	3400	4.08	cps
Phosphorus	31-2	8	0	17	8	100.02	cps
Potassium	39-2	4026	4418	4368	4270	4.99	cps
Rhodium	103-1	5266032	4916402	5169369	5117267	3.53	cps
Rhodium	103-2	1394357	1422474	1392085	1402972	1.21	cps
Scandium	45-1	3322255	3171518	3325042	3272938	2.68	cps
Scandium	45-2	25386	25360	24709	25152	1.53	cps
Selenium	77-2	17	23	10	17	39.99	cps
Selenium	78-2	52	33	22	36	41.81	cps
Selenium	82-1	2551	2422	2243	2406	6.44	cps
Silicon	28-1	1004168	1011170	998183	1004507	0.65	cps
Silver	109-1	35849	36384	36442	36225	0.90	cps
Silver	107-1	37119	38556	39283	38320	2.87	cps
Sodium	23-2	14733	15009	15017	14919	1.08	cps
Strontium	86-1	5735	6385	5601	5907	7.10	cps
Strontium	88-1	44499	45076	45937	45170	1.60	cps
Sulfur	34-1	324293	327296	328327	326639	0.64	cps
Terbium	159-1	7035123	6595280	6920445	6850282	3.33	cps
Terbium	159-2	1450599	1464021	1425521	1446713	1.35	cps
Thallium	203-1	24099	25117	25142	24786	2.40	cps
Thallium	205-1	58176	59909	60872	59652	2.29	cps
Tin	118-1	2250	1934	1900	2028	9.53	cps
Titanium	47-1	2275	2642	2642	2520	8.40	cps
Uranium	238-1	883	775	1033	897	14.46	cps
Vanadium	51-2	11455	12005	11318	11593	3.14	cps
Yttrium	89-1	5754864	5407220	5709348	5623811	3.36	cps
Yttrium	89-2	176196	178040	173418	175885	1.32	cps
Zinc	66-2	3554	3514	3557	3542	0.68	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5092-17	Instrumnet Name :	P8
Client Sample ID :	MX2E45D	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 17:00:07	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	7494	8044	8161	7900	4.51	cps
Zirconium	91-1	1842	1617	1659	1706	7.02	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5092-16LX5	Instrumnet Name :	P8
Client Sample ID :	MX2E45L	Dilution Factor :	5
Date & Time Acquired ::	2018-10-06 17:03:32	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	338	365	325	343	5.97	cps
Antimony	121-1	10213	10896	10872	10660	3.64	cps
Arsenic	75-2	143	141	146	143	1.98	cps
Barium	135-1	16027	16186	15543	15919	2.10	cps
Barium	137-1	26953	26895	27129	26992	0.45	cps
Beryllium	9-1	1295	1050	1378	1241	13.73	cps
Bismuth	209-1	4395485	4457416	4593013	4481972	2.25	cps
Bismuth	209-2	1252262	1239452	1251163	1247626	0.57	cps
Boron	10-1	717	892	850	820	11.16	cps
Boron	11-1	3676	3292	3559	3509	5.60	cps
Cadmium	111-1	2126	2279	2249	2218	3.64	cps
Cadmium	106-1	1125	1333	1258	1239	8.52	cps
Cadmium	108-1	88	96	129	104	21.17	cps
Calcium	43-1	1308	1450	1483	1414	6.57	cps
Calcium	44-1	29064	28588	28513	28722	1.04	cps
Chromium	52-2	1563	1743	1533	1613	7.04	cps
Cobalt	59-2	2180	2074	2217	2157	3.45	cps
Copper	63-2	2914	2740	2837	2830	3.07	cps
Dysprosium	156-1	200	92	217	169	40.06	cps
Dysprosium	156-2	20	20	33	24	31.49	cps
Erbium	164-1	58	158	83	100	52.04	cps
Erbium	164-2	20	13	33	22	45.83	cps
Gadolinium	160-1	125	250	158	178	36.41	cps
Gadolinium	160-2	33	33	47	38	20.39	cps
Holmium	165-1	6429396	6572158	6675879	6559144	1.89	cps
Holmium	165-2	1509424	1490549	1496700	1498891	0.64	cps
Indium	115-1	5188541	5320674	5431750	5313655	2.29	cps
Indium	115-2	239466	234875	237988	237443	0.99	cps
Iron	56-2	18713	19536	19759	19336	2.85	cps
Iron	57-2	506	411	461	459	10.29	cps
Krypton	83-1	367	430	373	390	8.92	cps
Lead	206-1	8453	9065	8720	8746	3.51	cps
Lead	207-1	7730	7502	7886	7706	2.50	cps
Lead	208-1	35025	35131	35281	35146	0.37	cps
Lithium	6-1	1377970	1402463	1390346	1390260	0.88	cps
Magnesium	24-2	875	950	742	856	12.33	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5092-16LX5	Instrumnet Name :	P8
Client Sample ID :	MX2E45L	Dilution Factor :	5
Date & Time Acquired ::	2018-10-06 17:03:32	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	340	373	410	374	9.35	cps
Molybdenum	94-1	817	867	1058	914	13.96	cps
Molybdenum	95-1	150	183	133	156	16.37	cps
Molybdenum	96-1	350	250	325	308	16.88	cps
Molybdenum	97-1	75	108	125	103	24.77	cps
Molybdenum	98-1	250	200	225	225	11.11	cps
Neodymium	150-1	300	240	187	242	23.41	cps
Neodymium	150-2	43	33	33	37	15.75	cps
Nickel	60-2	853	810	723	796	8.32	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	2717	2892	2950	2853	4.26	cps
Rhodium	103-1	5056132	5066186	5167160	5096493	1.20	cps
Rhodium	103-2	1407033	1392435	1398841	1399436	0.52	cps
Scandium	45-1	3232206	3186677	3310515	3243133	1.93	cps
Scandium	45-2	25350	25049	25083	25161	0.65	cps
Selenium	77-2	3	0	7	3	100.05	cps
Selenium	78-2	9	11	15	12	24.10	cps
Selenium	82-1	462	345	440	416	14.90	cps
Silicon	28-1	363375	361076	363203	362551	0.35	cps
Silver	109-1	7744	7903	7627	7758	1.78	cps
Silver	107-1	8128	8011	8044	8061	0.75	cps
Sodium	23-2	10588	10338	9645	10190	4.79	cps
Strontium	86-1	1750	1692	1659	1700	2.73	cps
Strontium	88-1	8770	9712	8987	9156	5.39	cps
Sulfur	34-1	334576	333621	336365	334854	0.42	cps
Terbium	159-1	6662678	6808246	6865803	6778909	1.54	cps
Terbium	159-2	1459287	1440014	1458922	1452741	0.76	cps
Thallium	203-1	5510	5276	4943	5243	5.43	cps
Thallium	205-1	12657	12257	11914	12276	3.03	cps
Tin	118-1	1075	1025	992	1031	4.07	cps
Titanium	47-1	500	633	575	569	11.74	cps
Uranium	238-1	225	158	183	189	17.83	cps
Vanadium	51-2	2287	2287	2457	2344	4.19	cps
Yttrium	89-1	5547155	5594898	5687708	5609920	1.27	cps
Yttrium	89-2	176738	172956	176114	175269	1.16	cps
Zinc	66-2	687	737	710	711	3.52	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5092-16LX5	Instrumnet Name :	P8
Client Sample ID :	MX2E45L	Dilution Factor :	5
Date & Time Acquired ::	2018-10-06 17:03:32	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1892	2175	2067	2045	6.99	cps
Zirconium	91-1	508	400	492	467	12.50	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5092-06	Instrumnet Name :	P8
Client Sample ID :	MX2E41S	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 17:10:27	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11938	12158	12086	12061	0.93	cps
Antimony	121-1	1011832	1024941	1002961	1013245	1.09	cps
Arsenic	75-2	5112	4953	5042	5036	1.59	cps
Barium	135-1	3777058	3809929	3755837	3780941	0.72	cps
Barium	137-1	6429455	6514454	6399411	6447773	0.93	cps
Beryllium	9-1	78256	76575	77268	77367	1.09	cps
Bismuth	209-1	4680681	4537118	4576382	4598061	1.61	cps
Bismuth	209-2	1177752	1278558	1234798	1230369	4.11	cps
Boron	10-1	700	658	592	650	8.41	cps
Boron	11-1	2559	2692	2584	2611	2.71	cps
Cadmium	111-1	113353	113327	113197	113292	0.07	cps
Cadmium	106-1	11355	11305	10613	11091	3.74	cps
Cadmium	108-1	7523	7511	7527	7520	0.12	cps
Calcium	43-1	14909	15501	14567	14992	3.15	cps
Calcium	44-1	255883	253893	255573	255116	0.42	cps
Chromium	52-2	157804	156669	157150	157208	0.36	cps
Cobalt	59-2	883175	878270	876984	879476	0.37	cps
Copper	63-2	397911	397373	395245	396843	0.36	cps
Dysprosium	156-1	17	42	25	28	45.82	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	25	17	25	33.32	cps
Erbium	164-2	3	13	0	6	124.93	cps
Gadolinium	160-1	33	17	92	47	83.39	cps
Gadolinium	160-2	7	7	0	4	86.60	cps
Holmium	165-1	6701487	6549074	6624262	6624941	1.15	cps
Holmium	165-2	1410001	1506219	1476444	1464221	3.36	cps
Indium	115-1	5412929	5245243	5340345	5332839	1.58	cps
Indium	115-2	220079	232072	228128	226760	2.70	cps
Iron	56-2	543411	542493	541930	542611	0.14	cps
Iron	57-2	13618	14024	13307	13650	2.64	cps
Krypton	83-1	367	373	387	376	2.71	cps
Lead	206-1	155315	156816	155636	155922	0.51	cps
Lead	207-1	140076	142366	141602	141348	0.83	cps
Lead	208-1	630529	637918	634477	634308	0.58	cps
Lithium	6-1	1413548	1372216	1411350	1399038	1.66	cps
Magnesium	24-2	308	433	392	378	16.85	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5092-06	Instrumnet Name :	P8
Client Sample ID :	MX2E41S	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 17:10:27	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	115812	115368	114575	115251	0.54	cps
Molybdenum	94-1	625	708	658	664	6.32	cps
Molybdenum	95-1	333	325	408	356	12.91	cps
Molybdenum	96-1	433	583	583	533	16.24	cps
Molybdenum	97-1	292	233	233	253	13.32	cps
Molybdenum	98-1	575	558	667	600	9.72	cps
Neodymium	150-1	147	107	207	153	32.83	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	266119	264145	263390	264551	0.53	cps
Phosphorus	31-2	0	33	0	11	173.21	cps
Potassium	39-2	9512	9462	9145	9373	2.12	cps
Rhodium	103-1	5148976	5026158	5139890	5105008	1.34	cps
Rhodium	103-2	1303927	1391158	1358756	1351281	3.26	cps
Scandium	45-1	3236310	3117362	3155760	3169811	1.92	cps
Scandium	45-2	22515	24936	23887	23779	5.11	cps
Selenium	77-2	110	103	103	106	3.64	cps
Selenium	78-2	344	313	335	331	4.89	cps
Selenium	82-1	18613	18351	18326	18430	0.86	cps
Silicon	28-1	206406	215712	206539	209552	2.55	cps
Silver	109-1	530576	527305	524838	527573	0.55	cps
Silver	107-1	554240	553614	553570	553808	0.07	cps
Sodium	23-2	59526	59760	59266	59517	0.41	cps
Strontium	86-1	783	850	742	792	6.90	cps
Strontium	88-1	1775	1634	1859	1756	6.48	cps
Sulfur	34-1	299877	296389	294885	297050	0.86	cps
Terbium	159-1	6972276	6880751	6858324	6903784	0.87	cps
Terbium	159-2	1367002	1455367	1429088	1417152	3.20	cps
Thallium	203-1	400283	401717	402279	401427	0.26	cps
Thallium	205-1	967073	980248	968584	971969	0.74	cps
Tin	118-1	658	825	750	745	11.21	cps
Titanium	47-1	125	175	150	150	16.67	cps
Uranium	238-1	50	50	42	47	10.18	cps
Vanadium	51-2	292539	288428	289523	290163	0.73	cps
Yttrium	89-1	5632196	5521371	5638707	5597424	1.18	cps
Yttrium	89-2	161657	173581	169321	168186	3.59	cps
Zinc	66-2	75058	73822	74928	74603	0.91	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5092-06	Instrumnet Name :	P8
Client Sample ID :	MX2E41S	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 17:10:27	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1475	1417	1400	1431	2.75	cps
Zirconium	91-1	367	400	367	378	5.09	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5092-18	Instrumnet Name :	P8
Client Sample ID :	MX2E45S	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 17:15:12	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13427	13728	14036	13730	2.22	cps
Antimony	121-1	893042	894715	893233	893664	0.10	cps
Arsenic	75-2	4975	4734	4573	4761	4.25	cps
Barium	135-1	3836212	3867420	3817795	3840476	0.65	cps
Barium	137-1	6632682	6595443	6610519	6612881	0.28	cps
Beryllium	9-1	79815	78603	79178	79199	0.77	cps
Bismuth	209-1	4687462	4808172	4717642	4737759	1.33	cps
Bismuth	209-2	1267258	1246761	1279118	1264379	1.29	cps
Boron	10-1	933	1192	1175	1100	13.14	cps
Boron	11-1	5126	4826	4943	4965	3.05	cps
Cadmium	111-1	108369	110111	108170	108883	0.98	cps
Cadmium	106-1	10705	11305	9804	10605	7.13	cps
Cadmium	108-1	7477	7052	7473	7334	3.33	cps
Calcium	43-1	5710	5451	5009	5390	6.57	cps
Calcium	44-1	97118	95046	95121	95762	1.23	cps
Chromium	52-2	164733	167009	165036	165593	0.75	cps
Cobalt	59-2	904243	903569	900618	902810	0.21	cps
Copper	63-2	399995	400930	399785	400237	0.15	cps
Dysprosium	156-1	708	742	808	753	6.76	cps
Dysprosium	156-2	160	173	140	158	10.64	cps
Erbium	164-1	475	500	550	508	7.51	cps
Erbium	164-2	67	93	80	80	16.67	cps
Gadolinium	160-1	692	792	667	717	9.23	cps
Gadolinium	160-2	173	220	160	184	17.08	cps
Holmium	165-1	6743235	6902647	6748825	6798236	1.33	cps
Holmium	165-2	1499419	1479062	1509980	1496154	1.05	cps
Indium	115-1	5346261	5499893	5459942	5435365	1.47	cps
Indium	115-2	233185	227435	233894	231505	1.53	cps
Iron	56-2	637921	637981	632151	636018	0.53	cps
Iron	57-2	16238	15865	16026	16043	1.16	cps
Krypton	83-1	423	390	340	384	10.91	cps
Lead	206-1	161165	161209	159414	160596	0.64	cps
Lead	207-1	144232	143789	143536	143852	0.24	cps
Lead	208-1	649787	646931	647548	648089	0.23	cps
Lithium	6-1	1418612	1467521	1453449	1446527	1.74	cps
Magnesium	24-2	2592	2425	2459	2492	3.54	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5092-18	Instrumnet Name :	P8
Client Sample ID :	MX2E45S	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 17:15:12	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	114995	115214	115408	115206	0.18	cps
Molybdenum	94-1	3642	3101	3292	3345	8.21	cps
Molybdenum	95-1	425	550	492	489	12.79	cps
Molybdenum	96-1	1133	1283	1158	1192	6.74	cps
Molybdenum	97-1	325	333	292	317	6.96	cps
Molybdenum	98-1	808	833	942	861	8.23	cps
Neodymium	150-1	1340	1500	1307	1382	7.48	cps
Neodymium	150-2	177	170	147	164	9.58	cps
Nickel	60-2	267535	268116	269224	268292	0.32	cps
Phosphorus	31-2	8	0	8	6	86.60	cps
Potassium	39-2	3734	3826	3826	3795	1.39	cps
Rhodium	103-1	5115574	5292587	5191255	5199805	1.71	cps
Rhodium	103-2	1391577	1359166	1393205	1381316	1.39	cps
Scandium	45-1	3234207	3309541	3259651	3267799	1.17	cps
Scandium	45-2	23283	23597	24121	23667	1.79	cps
Selenium	77-2	127	113	97	112	13.39	cps
Selenium	78-2	393	339	320	351	10.70	cps
Selenium	82-1	18443	18058	18229	18243	1.06	cps
Silicon	28-1	977943	967107	978220	974423	0.65	cps
Silver	109-1	469321	467257	466304	467627	0.33	cps
Silver	107-1	494852	491666	500842	495787	0.94	cps
Sodium	23-2	14199	14308	14967	14491	2.87	cps
Strontium	86-1	6202	5460	5835	5832	6.36	cps
Strontium	88-1	45167	46472	46154	45931	1.48	cps
Sulfur	34-1	296073	291653	293003	293576	0.77	cps
Terbium	159-1	6939923	7125696	7079603	7048407	1.37	cps
Terbium	159-2	1462250	1423452	1456855	1447519	1.45	cps
Thallium	203-1	401137	399870	394947	398651	0.82	cps
Thallium	205-1	971824	950518	955014	959119	1.17	cps
Tin	118-1	1992	1842	1692	1842	8.15	cps
Titanium	47-1	2675	2675	2359	2570	7.12	cps
Uranium	238-1	958	925	883	922	4.08	cps
Vanadium	51-2	303797	305263	302409	303823	0.47	cps
Yttrium	89-1	5668415	5802727	5664461	5711868	1.38	cps
Yttrium	89-2	172407	169035	172399	171280	1.14	cps
Zinc	66-2	75662	77204	75806	76224	1.12	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5092-18	Instrumnet Name :	P8
Client Sample ID :	MX2E45S	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 17:15:12	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	7761	8328	7961	8017	3.59	cps
Zirconium	91-1	1834	1792	1800	1809	1.22	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	CCV83	Instrumnet Name :	P8
Client Sample ID :	CCV83	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 17:22:18	DataFile Name :	036CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	333396	338707	335417	335840	0.80	cps
Antimony	121-1	4579557	4578842	4554344	4570914	0.31	cps
Arsenic	75-2	51127	50349	50806	50761	0.77	cps
Barium	135-1	4937622	4891002	4895234	4907953	0.53	cps
Barium	137-1	8442846	8486350	8326445	8418547	0.98	cps
Beryllium	9-1	746752	744793	748043	746530	0.22	cps
Bismuth	209-1	4445100	4509380	4472129	4475536	0.72	cps
Bismuth	209-2	1166637	1145280	1154540	1155486	0.93	cps
Boron	10-1	84440	86979	86888	86102	1.67	cps
Boron	11-1	403510	415926	420698	413378	2.15	cps
Cadmium	111-1	993774	996727	998659	996387	0.25	cps
Cadmium	106-1	106939	103419	105604	105321	1.69	cps
Cadmium	108-1	70747	72255	72008	71670	1.13	cps
Calcium	43-1	5089439	5066276	5040877	5065531	0.48	cps
Calcium	44-1	81599618	81903019	81887233	81796623	0.21	cps
Chromium	52-2	414468	418001	416041	416170	0.43	cps
Cobalt	59-2	874154	877377	873578	875036	0.23	cps
Copper	63-2	1462030	1464448	1465858	1464112	0.13	cps
Dysprosium	156-1	83	83	83	83	0.00	cps
Dysprosium	156-2	0	17	17	11	86.60	cps
Erbium	164-1	42	50	42	44	10.82	cps
Erbium	164-2	7	10	3	7	50.03	cps
Gadolinium	160-1	42	92	150	94	57.41	cps
Gadolinium	160-2	27	17	13	19	36.75	cps
Holmium	165-1	6770057	6805869	6694652	6756859	0.84	cps
Holmium	165-2	1477559	1440383	1456968	1458303	1.28	cps
Indium	115-1	5083916	5154250	5059717	5099294	0.96	cps
Indium	115-2	213376	210107	212355	211946	0.79	cps
Iron	56-2	68413446	68389907	67542420	68115258	0.73	cps
Iron	57-2	1729203	1743873	1734186	1735754	0.43	cps
Krypton	83-1	427	423	390	413	4.91	cps
Lead	206-1	3116299	3084017	3116185	3105500	0.60	cps
Lead	207-1	2889463	2856582	2872018	2872688	0.57	cps
Lead	208-1	12839762	12721497	12850875	12804045	0.56	cps
Lithium	6-1	1323876	1329855	1312520	1322084	0.67	cps
Magnesium	24-2	7182230	7220453	7193675	7198786	0.27	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	CCV83	Instrumnet Name :	P8
Client Sample ID :	CCV83	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 17:22:18	DataFile Name :	036CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	234131	235401	232587	234040	0.60	cps
Molybdenum	94-1	7834417	7883540	7745603	7821187	0.89	cps
Molybdenum	95-1	9647783	9786306	9699154	9711081	0.72	cps
Molybdenum	96-1	10897055	10926105	10850286	10891149	0.35	cps
Molybdenum	97-1	6147389	6120344	6112971	6126902	0.30	cps
Molybdenum	98-1	15558147	15468273	15448370	15491597	0.38	cps
Neodymium	150-1	187	287	167	213	30.14	cps
Neodymium	150-2	7	0	10	6	91.64	cps
Nickel	60-2	258893	262432	259691	260339	0.71	cps
Phosphorus	31-2	4709	4684	4217	4537	6.11	cps
Potassium	39-2	1913682	1906770	1867027	1895826	1.33	cps
Rhodium	103-1	4702778	4753797	4661057	4705877	0.99	cps
Rhodium	103-2	1260538	1231847	1247692	1246692	1.15	cps
Scandium	45-1	3139601	3130708	3108213	3126174	0.52	cps
Scandium	45-2	22822	22829	23410	23020	1.47	cps
Selenium	77-2	270	370	323	321	15.58	cps
Selenium	78-2	1083	1150	1209	1148	5.49	cps
Selenium	82-1	62759	62573	62379	62570	0.30	cps
Silicon	28-1	2163529	2180340	2165099	2169656	0.43	cps
Silver	109-1	4588904	4582557	4588076	4586512	0.08	cps
Silver	107-1	4873388	4801261	4830350	4835000	0.75	cps
Sodium	23-2	16264836	16208460	16281446	16251581	0.24	cps
Strontium	86-1	1229618	1208808	1221787	1220071	0.86	cps
Strontium	88-1	10577039	10480193	10533993	10530408	0.46	cps
Sulfur	34-1	619967	617190	613993	617050	0.48	cps
Terbium	159-1	6913061	7000985	6910017	6941354	0.74	cps
Terbium	159-2	1407500	1386903	1402121	1398841	0.76	cps
Thallium	203-1	3880462	3869825	3874571	3874953	0.14	cps
Thallium	205-1	9216561	9135224	9156394	9169393	0.46	cps
Tin	118-1	3177757	3186698	3161011	3175155	0.41	cps
Titanium	47-1	2556213	2565683	2558451	2560116	0.19	cps
Uranium	238-1	12847689	12808235	12901780	12852568	0.37	cps
Vanadium	51-2	299931	302594	299557	300694	0.55	cps
Yttrium	89-1	5550800	5561165	5568665	5560210	0.16	cps
Yttrium	89-2	163842	162502	161653	162666	0.68	cps
Zinc	66-2	143001	141391	142317	142237	0.57	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	CCV83	Instrumnet Name :	P8
Client Sample ID :	CCV83	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 17:22:18	DataFile Name :	036CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6661719	6674142	6564546	6633469	0.90	cps
Zirconium	91-1	1480370	1498522	1504131	1494341	0.83	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	CCB83	Instrumnet Name :	P8
Client Sample ID :	CCB83	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 17:29:31	DataFile Name :	037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13	18	10	13	28.64	cps
Antimony	121-1	3401	3201	3334	3312	3.08	cps
Arsenic	75-2	13	4	7	8	58.09	cps
Barium	135-1	50	42	83	58	37.80	cps
Barium	137-1	58	92	100	83	26.46	cps
Beryllium	9-1	383	289	261	311	20.59	cps
Bismuth	209-1	4701883	4628101	4836875	4722287	2.24	cps
Bismuth	209-2	1299129	1246541	1281467	1275713	2.10	cps
Boron	10-1	1175	1283	967	1142	14.10	cps
Boron	11-1	5843	5243	5310	5465	6.02	cps
Cadmium	111-1	740	782	804	775	4.21	cps
Cadmium	106-1	1025	1083	1075	1061	2.97	cps
Cadmium	108-1	4	8	4	6	43.22	cps
Calcium	43-1	467	292	333	364	25.12	cps
Calcium	44-1	11472	11213	11997	11561	3.46	cps
Chromium	52-2	410	417	293	373	18.58	cps
Cobalt	59-2	67	47	43	52	24.17	cps
Copper	63-2	310	323	353	329	6.75	cps
Dysprosium	156-1	25	25	0	17	86.60	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	17	50	50	39	49.48	cps
Erbium	164-2	7	0	10	6	91.64	cps
Gadolinium	160-1	17	50	58	42	52.91	cps
Gadolinium	160-2	3	3	10	6	69.34	cps
Holmium	165-1	6739076	6740311	6895020	6791469	1.32	cps
Holmium	165-2	1528586	1474224	1516856	1506556	1.90	cps
Indium	115-1	5348834	5287197	5538239	5391424	2.43	cps
Indium	115-2	235565	231221	234698	233828	0.98	cps
Iron	56-2	1689	1567	1745	1667	5.46	cps
Iron	57-2	106	28	61	65	60.20	cps
Krypton	83-1	320	370	303	331	10.48	cps
Lead	206-1	694	689	667	683	2.15	cps
Lead	207-1	583	594	578	585	1.45	cps
Lead	208-1	2839	2606	2817	2754	4.68	cps
Lithium	6-1	1383655	1374434	1402246	1386778	1.02	cps
Magnesium	24-2	342	325	275	314	11.05	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	CCB83	Instrumnet Name :	P8
Client Sample ID :	CCB83	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 17:29:31	DataFile Name :	037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	30	40	30	33	17.32	cps
Molybdenum	94-1	967	958	1075	1000	6.51	cps
Molybdenum	95-1	950	883	867	900	4.90	cps
Molybdenum	96-1	1142	1167	1158	1156	1.10	cps
Molybdenum	97-1	658	583	692	644	8.61	cps
Molybdenum	98-1	1508	1417	1283	1403	8.07	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	207	257	240	234	10.86	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	2400	2250	2234	2295	4.00	cps
Rhodium	103-1	5099588	5040703	5205706	5115332	1.63	cps
Rhodium	103-2	1393585	1359422	1388917	1380641	1.34	cps
Scandium	45-1	3167456	3176374	3245099	3196310	1.33	cps
Scandium	45-2	24819	23263	23977	24020	3.24	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	4	0	0	1	173.21	cps
Selenium	82-1	16	52	87	52	68.79	cps
Silicon	28-1	196407	196391	196222	196340	0.05	cps
Silver	109-1	258	250	300	269	9.94	cps
Silver	107-1	317	325	242	294	15.59	cps
Sodium	23-2	8503	8119	7944	8189	3.49	cps
Strontium	86-1	767	575	675	672	14.26	cps
Strontium	88-1	242	200	208	217	10.18	cps
Sulfur	34-1	323129	327080	325215	325141	0.61	cps
Terbium	159-1	6949966	6840599	7136028	6975531	2.14	cps
Terbium	159-2	1473532	1431128	1453591	1452750	1.46	cps
Thallium	203-1	517	533	525	525	1.59	cps
Thallium	205-1	1509	1467	1150	1375	14.25	cps
Tin	118-1	1392	1417	1375	1395	1.50	cps
Titanium	47-1	100	117	133	117	14.29	cps
Uranium	238-1	117	100	75	97	21.57	cps
Vanadium	51-2	10	3	3	6	69.34	cps
Yttrium	89-1	5617167	5572100	5800251	5663172	2.13	cps
Yttrium	89-2	173287	167678	171836	170934	1.70	cps
Zinc	66-2	87	127	110	108	18.64	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	CCB83	Instrumnet Name :	P8
Client Sample ID :	CCB83	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 17:29:31	DataFile Name :	037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1208	1458	1225	1297	10.78	cps
Zirconium	91-1	317	283	358	319	11.76	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	PB113570BL	Instrumnet Name :	P8
Client Sample ID :	PB113570BL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 17:38:29	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	13	13	17	43.33	cps
Antimony	121-1	1208	992	983	1061	12.02	cps
Arsenic	75-2	0	6	2	2	114.63	cps
Barium	135-1	25	67	42	44	47.19	cps
Barium	137-1	108	100	75	94	18.37	cps
Beryllium	9-1	239	222	239	233	4.12	cps
Bismuth	209-1	4373586	4661247	4688753	4574529	3.82	cps
Bismuth	209-2	1272399	1264663	1256801	1264621	0.62	cps
Boron	10-1	542	600	675	606	11.04	cps
Boron	11-1	2650	2817	2675	2714	3.31	cps
Cadmium	111-1	631	794	657	694	12.60	cps
Cadmium	106-1	900	1108	917	975	11.87	cps
Cadmium	108-1	4	4	8	6	43.22	cps
Calcium	43-1	350	267	367	328	16.35	cps
Calcium	44-1	10813	10880	11439	11044	3.11	cps
Chromium	52-2	387	340	367	364	6.42	cps
Cobalt	59-2	47	63	47	52	18.42	cps
Copper	63-2	283	287	303	291	3.68	cps
Dysprosium	156-1	17	33	0	17	99.99	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	42	0	19	107.85	cps
Erbium	164-2	7	0	0	2	173.21	cps
Gadolinium	160-1	17	33	33	28	34.63	cps
Gadolinium	160-2	3	7	0	3	100.05	cps
Holmium	165-1	6372991	6699028	6737895	6603305	3.03	cps
Holmium	165-2	1512586	1485994	1496557	1498379	0.89	cps
Indium	115-1	5092340	5380773	5375320	5282811	3.12	cps
Indium	115-2	235808	232034	230553	232798	1.16	cps
Iron	56-2	1367	1378	1361	1369	0.62	cps
Iron	57-2	44	33	11	30	57.29	cps
Krypton	83-1	397	407	450	418	6.79	cps
Lead	206-1	578	528	572	559	4.90	cps
Lead	207-1	389	344	322	352	9.65	cps
Lead	208-1	1972	2017	2011	2000	1.21	cps
Lithium	6-1	1326411	1397681	1419725	1381272	3.53	cps
Magnesium	24-2	417	342	483	414	17.12	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	PB113570BL	Instrumnet Name :	P8
Client Sample ID :	PB113570BL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 17:38:29	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	47	37	40	41	12.39	cps
Molybdenum	94-1	467	500	542	503	7.47	cps
Molybdenum	95-1	242	333	200	258	26.40	cps
Molybdenum	96-1	417	483	292	397	24.50	cps
Molybdenum	97-1	283	242	242	256	9.41	cps
Molybdenum	98-1	408	492	492	464	10.37	cps
Neodymium	150-1	13	7	0	7	99.98	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	200	213	153	189	16.68	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	2367	2250	2300	2306	2.54	cps
Rhodium	103-1	4874102	5122926	5155602	5050876	3.05	cps
Rhodium	103-2	1387569	1387026	1371503	1382032	0.66	cps
Scandium	45-1	3071773	3256291	3258711	3195592	3.36	cps
Scandium	45-2	24295	24899	24552	24582	1.23	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	7	0	0	2	173.21	cps
Selenium	82-1	-41	2	-69	-36	-99.01	cps
Silicon	28-1	196737	195833	197008	196526	0.31	cps
Silver	109-1	117	300	142	186	53.42	cps
Silver	107-1	242	275	308	275	12.12	cps
Sodium	23-2	7586	7160	7052	7266	3.88	cps
Strontium	86-1	592	542	533	556	5.68	cps
Strontium	88-1	83	100	175	119	40.88	cps
Sulfur	34-1	331118	330058	332743	331306	0.41	cps
Terbium	159-1	6550094	6918425	6935499	6801340	3.20	cps
Terbium	159-2	1456562	1428704	1432385	1439217	1.05	cps
Thallium	203-1	392	467	425	428	8.78	cps
Thallium	205-1	942	883	867	897	4.39	cps
Tin	118-1	1017	1017	925	986	5.37	cps
Titanium	47-1	50	100	100	83	34.64	cps
Uranium	238-1	25	58	50	44	39.04	cps
Vanadium	51-2	7	17	3	9	78.08	cps
Yttrium	89-1	5335970	5578761	5667706	5527479	3.11	cps
Yttrium	89-2	173814	168933	171380	171376	1.42	cps
Zinc	66-2	50	57	93	67	35.00	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	PB113570BL	Instrumnet Name :	P8
Client Sample ID :	PB113570BL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 17:38:29	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	883	950	1008	947	6.60	cps
Zirconium	91-1	300	308	192	267	24.41	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	PB113570BS	Instrumnet Name :	P8
Client Sample ID :	PB113570BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 17:41:54	DataFile Name :	039LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	66498	66174	65581	66084	0.70	cps
Antimony	121-1	4648439	4704203	4674410	4675684	0.60	cps
Arsenic	75-2	52127	51802	51531	51820	0.58	cps
Barium	135-1	4942173	4929106	4929628	4933636	0.15	cps
Barium	137-1	8408172	8558839	8547763	8504925	0.99	cps
Beryllium	9-1	762572	759349	755295	759072	0.48	cps
Bismuth	209-1	4611226	4648675	4748323	4669408	1.52	cps
Bismuth	209-2	1226788	1263042	1207343	1232391	2.29	cps
Boron	10-1	82068	85446	88573	85362	3.81	cps
Boron	11-1	398865	409797	417507	408723	2.29	cps
Cadmium	111-1	1044714	1039080	1038237	1040677	0.34	cps
Cadmium	106-1	108803	110190	111540	110178	1.24	cps
Cadmium	108-1	73797	75061	75481	74780	1.17	cps
Calcium	43-1	1061268	1060391	1068755	1063471	0.43	cps
Calcium	44-1	17217492	17167877	17204022	17196464	0.15	cps
Chromium	52-2	416735	417158	415217	416370	0.25	cps
Cobalt	59-2	912802	906094	906828	908575	0.40	cps
Copper	63-2	1605333	1581301	1581094	1589243	0.88	cps
Dysprosium	156-1	33	42	50	42	20.00	cps
Dysprosium	156-2	10	3	17	10	66.70	cps
Erbium	164-1	17	33	58	36	58.08	cps
Erbium	164-2	3	0	0	1	173.21	cps
Gadolinium	160-1	42	25	33	33	25.01	cps
Gadolinium	160-2	10	7	13	10	33.30	cps
Holmium	165-1	6611068	6808675	6879032	6766258	2.05	cps
Holmium	165-2	1501025	1525749	1466110	1497628	2.00	cps
Indium	115-1	5168715	5238609	5382002	5263109	2.07	cps
Indium	115-2	225647	227885	218451	223994	2.20	cps
Iron	56-2	14379888	14395806	14357435	14377710	0.13	cps
Iron	57-2	359533	359061	358742	359112	0.11	cps
Krypton	83-1	400	363	367	377	5.38	cps
Lead	206-1	3168053	3204048	3181353	3184485	0.57	cps
Lead	207-1	2912462	2914275	2907301	2911346	0.12	cps
Lead	208-1	13027725	13043164	13043996	13038295	0.07	cps
Lithium	6-1	1332071	1379746	1363210	1358342	1.78	cps
Magnesium	24-2	1597829	1561052	1584246	1581042	1.18	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	PB113570BS	Instrumnet Name :	P8
Client Sample ID :	PB113570BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 17:41:54	DataFile Name :	039LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	241847	241127	240657	241210	0.25	cps
Molybdenum	94-1	7919852	7839080	7881437	7880123	0.51	cps
Molybdenum	95-1	9758112	9710880	9648267	9705753	0.57	cps
Molybdenum	96-1	10950590	10784411	10907198	10880733	0.79	cps
Molybdenum	97-1	6151329	6127190	6109359	6129293	0.34	cps
Molybdenum	98-1	15588144	15602449	15504987	15565193	0.34	cps
Neodymium	150-1	233	160	147	180	25.93	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	267355	265545	267239	266713	0.38	cps
Phosphorus	31-2	4359	4259	4167	4262	2.25	cps
Potassium	39-2	394759	387269	387686	389904	1.08	cps
Rhodium	103-1	4830708	4973120	5010214	4938014	1.92	cps
Rhodium	103-2	1327487	1351827	1291614	1323643	2.29	cps
Scandium	45-1	3167046	3189079	3273750	3209959	1.75	cps
Scandium	45-2	24081	24482	23169	23911	2.81	cps
Selenium	77-2	353	330	413	366	11.76	cps
Selenium	78-2	1159	1248	1211	1206	3.70	cps
Selenium	82-1	64425	63924	64035	64128	0.41	cps
Silicon	28-1	2151532	2186106	2175053	2170897	0.81	cps
Silver	109-1	4825634	4779880	4787938	4797818	0.51	cps
Silver	107-1	5097399	5026375	5082762	5068845	0.74	cps
Sodium	23-2	3526297	3508414	3505316	3513342	0.32	cps
Strontium	86-1	1238522	1224912	1235066	1232833	0.57	cps
Strontium	88-1	10758979	10645467	10636511	10680319	0.64	cps
Sulfur	34-1	630138	627179	622354	626557	0.63	cps
Terbium	159-1	6860119	7017792	7127352	7001754	1.92	cps
Terbium	159-2	1441882	1468461	1421645	1443996	1.63	cps
Thallium	203-1	3967083	3989744	3989641	3982156	0.33	cps
Thallium	205-1	9349829	9300344	9318516	9322897	0.27	cps
Tin	118-1	3215655	3249093	3268980	3244576	0.83	cps
Titanium	47-1	2616289	2604981	2590850	2604040	0.49	cps
Uranium	238-1	12691188	12569718	12615621	12625509	0.49	cps
Vanadium	51-2	309585	307096	306219	307633	0.57	cps
Yttrium	89-1	5464520	5600021	5704565	5589702	2.15	cps
Yttrium	89-2	169781	171919	165355	169019	1.98	cps
Zinc	66-2	150745	149929	148919	149864	0.61	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	PB113570BS	Instrumnet Name :	P8
Client Sample ID :	PB113570BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 17:41:54	DataFile Name :	039LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6678266	6598803	6663617	6646895	0.64	cps
Zirconium	91-1	1498416	1524185	1490130	1504244	1.18	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5215-01	Instrumnet Name :	P8
Client Sample ID :	ROOM-101A-RED-A	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 17:45:09	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	298	278	233	269	12.37	cps
Antimony	121-1	9045	8336	8228	8536	5.20	cps
Arsenic	75-2	35	30	31	32	8.82	cps
Barium	135-1	90928	92708	90819	91485	1.16	cps
Barium	137-1	159307	158634	158075	158672	0.39	cps
Beryllium	9-1	472	400	356	409	14.39	cps
Bismuth	209-1	5369539	5266414	5266565	5300839	1.12	cps
Bismuth	209-2	1347089	1444395	1391339	1394274	3.49	cps
Boron	10-1	12339	12297	13065	12567	3.43	cps
Boron	11-1	59558	62629	61801	61329	2.59	cps
Cadmium	111-1	1000	1058	1082	1047	4.03	cps
Cadmium	106-1	1225	1342	1350	1306	5.35	cps
Cadmium	108-1	17	33	13	21	52.90	cps
Calcium	43-1	665373	663618	663666	664219	0.15	cps
Calcium	44-1	10923516	10703290	10639168	10755325	1.39	cps
Chromium	52-2	547	473	553	524	8.46	cps
Cobalt	59-2	110	103	123	112	9.07	cps
Copper	63-2	228724	227395	228076	228065	0.29	cps
Dysprosium	156-1	83	50	33	56	45.83	cps
Dysprosium	156-2	10	10	20	13	43.30	cps
Erbium	164-1	67	100	25	64	58.82	cps
Erbium	164-2	13	20	10	14	35.26	cps
Gadolinium	160-1	50	75	108	78	37.63	cps
Gadolinium	160-2	23	10	20	18	39.03	cps
Holmium	165-1	7778585	7598462	7560721	7645923	1.52	cps
Holmium	165-2	1650787	1739523	1676922	1689078	2.70	cps
Indium	115-1	6162841	6029550	6122411	6104934	1.12	cps
Indium	115-2	251861	259553	258427	256613	1.62	cps
Iron	56-2	59934	59404	60520	59953	0.93	cps
Iron	57-2	1317	1567	1450	1445	8.66	cps
Krypton	83-1	380	440	337	386	13.46	cps
Lead	206-1	8103	8131	7897	8044	1.59	cps
Lead	207-1	7008	7019	6546	6858	3.93	cps
Lead	208-1	32334	32556	31133	32008	2.39	cps
Lithium	6-1	1531865	1535325	1549787	1538992	0.62	cps
Magnesium	24-2	249623	252481	248754	250286	0.78	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5215-01	Instrumnet Name :	P8
Client Sample ID :	ROOM-101A-RED-A	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 17:45:09	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1383	1240	1330	1318	5.50	cps
Molybdenum	94-1	4393	4084	3801	4092	7.23	cps
Molybdenum	95-1	6535	6293	5652	6160	7.41	cps
Molybdenum	96-1	7186	6285	6168	6546	8.50	cps
Molybdenum	97-1	4384	3759	3442	3862	12.41	cps
Molybdenum	98-1	10896	9504	8786	9729	11.03	cps
Neodymium	150-1	33	27	20	27	24.99	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	1520	1627	1543	1563	3.59	cps
Phosphorus	31-2	225	217	250	231	7.52	cps
Potassium	39-2	51913	50508	50751	51057	1.47	cps
Rhodium	103-1	5792580	5574319	5721264	5696054	1.95	cps
Rhodium	103-2	1482696	1564662	1514968	1520775	2.72	cps
Scandium	45-1	3684989	3641529	3656517	3661012	0.60	cps
Scandium	45-2	25914	27544	26782	26747	3.05	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	2	6	2	3	69.39	cps
Selenium	82-1	62	7	67	45	73.62	cps
Silicon	28-1	23617216	23241887	23047728	23302277	1.24	cps
Silver	109-1	542	500	392	478	16.21	cps
Silver	107-1	600	575	508	561	8.44	cps
Sodium	23-2	2311218	2307885	2273664	2297589	0.90	cps
Strontium	86-1	390120	385426	380612	385386	1.23	cps
Strontium	88-1	3458213	3392840	3345241	3398765	1.67	cps
Sulfur	34-1	949774	951385	942759	947973	0.48	cps
Terbium	159-1	7936968	7866631	7980711	7928103	0.73	cps
Terbium	159-2	1585428	1641084	1618622	1615045	1.73	cps
Thallium	203-1	1200	1117	983	1100	9.94	cps
Thallium	205-1	3067	2550	2659	2759	9.88	cps
Tin	118-1	3251	2667	2775	2898	10.71	cps
Titanium	47-1	692	808	492	664	24.12	cps
Uranium	238-1	2359	2009	1984	2117	9.91	cps
Vanadium	51-2	413	370	363	382	7.10	cps
Yttrium	89-1	6499763	6346697	6377024	6407828	1.26	cps
Yttrium	89-2	185877	193236	189684	189599	1.94	cps
Zinc	66-2	6422	6728	6442	6531	2.63	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5215-01	Instrumnet Name :	P8
Client Sample ID :	ROOM-101A-RED-A	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 17:45:09	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1425	1183	1175	1261	11.26	cps
Zirconium	91-1	417	292	258	322	25.91	cps

LB Number : LB98428 Operator : Jaswal
 Lab Sample ID : J5215-01DUP Instrumnet Name : P8
 Client Sample ID : ROOM-101A-RED-ADUF Dilution Factor : 1
 Date & Time Acquired :: 2018-10-06 17:48:32 DataFile Name : 041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	288	320	270	293	8.68	cps
Antimony	121-1	3684	3551	3401	3545	4.00	cps
Arsenic	75-2	28	31	24	28	13.34	cps
Barium	135-1	96191	94277	94327	94931	1.15	cps
Barium	137-1	164149	161407	162663	162740	0.84	cps
Beryllium	9-1	367	222	294	294	24.53	cps
Bismuth	209-1	5271961	5217253	5129945	5206386	1.38	cps
Bismuth	209-2	1417583	1390958	1388031	1398857	1.16	cps
Boron	10-1	11380	11405	11955	11580	2.81	cps
Boron	11-1	55542	58202	56345	56696	2.41	cps
Cadmium	111-1	974	973	958	968	0.93	cps
Cadmium	106-1	1308	1300	1300	1303	0.37	cps
Cadmium	108-1	13	17	21	17	24.99	cps
Calcium	43-1	690904	691294	681724	687974	0.79	cps
Calcium	44-1	11162791	11233161	11078840	11158264	0.69	cps
Chromium	52-2	517	473	550	513	7.49	cps
Cobalt	59-2	140	117	107	121	14.12	cps
Copper	63-2	234816	235426	233145	234462	0.50	cps
Dysprosium	156-1	33	58	58	50	28.88	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	75	25	75	58	49.49	cps
Erbium	164-2	23	13	7	14	58.06	cps
Gadolinium	160-1	92	58	83	78	22.30	cps
Gadolinium	160-2	23	20	13	19	26.96	cps
Holmium	165-1	7655094	7670997	7375106	7567066	2.20	cps
Holmium	165-2	1700723	1669706	1679851	1683427	0.94	cps
Indium	115-1	6049056	6107155	5917168	6024460	1.62	cps
Indium	115-2	260584	253875	255097	256519	1.39	cps
Iron	56-2	62038	61642	60570	61417	1.24	cps
Iron	57-2	1533	1650	1600	1595	3.67	cps
Krypton	83-1	353	330	330	338	3.99	cps
Lead	206-1	8058	7892	8153	8034	1.65	cps
Lead	207-1	7002	6708	6730	6813	2.41	cps
Lead	208-1	31293	30693	31399	31129	1.22	cps
Lithium	6-1	1551048	1536326	1492706	1526693	1.99	cps
Magnesium	24-2	260580	258535	256075	258397	0.87	cps

LB Number : LB98428 Operator : Jaswal
 Lab Sample ID : J5215-01DUP Instrumnet Name : P8
 Client Sample ID : ROOM-101A-RED-ADUF Dilution Factor : 1
 Date & Time Acquired :: 2018-10-06 17:48:32 DataFile Name : 041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1383	1357	1363	1368	1.01	cps
Molybdenum	94-1	2492	2500	2484	2492	0.34	cps
Molybdenum	95-1	3984	3634	3517	3712	6.55	cps
Molybdenum	96-1	4151	3601	4159	3970	8.06	cps
Molybdenum	97-1	2309	2450	2075	2278	8.31	cps
Molybdenum	98-1	5660	5626	5193	5493	4.74	cps
Neodymium	150-1	40	40	27	36	21.64	cps
Neodymium	150-2	3	10	10	8	49.52	cps
Nickel	60-2	1640	1593	1687	1640	2.85	cps
Phosphorus	31-2	292	242	175	236	24.79	cps
Potassium	39-2	51654	54122	52424	52733	2.39	cps
Rhodium	103-1	5724293	5744191	5595805	5688096	1.42	cps
Rhodium	103-2	1525592	1485686	1496461	1502580	1.37	cps
Scandium	45-1	3618359	3662306	3586852	3622505	1.05	cps
Scandium	45-2	27484	26752	26756	26997	1.56	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	2	1	86.60	cps
Selenium	82-1	42	48	44	45	6.86	cps
Silicon	28-1	24170089	24130122	24019494	24106568	0.32	cps
Silver	109-1	267	342	242	283	18.37	cps
Silver	107-1	225	308	342	292	20.60	cps
Sodium	23-2	2404951	2334683	2381008	2373547	1.51	cps
Strontium	86-1	399747	400069	393660	397825	0.91	cps
Strontium	88-1	3533002	3546622	3519522	3533049	0.38	cps
Sulfur	34-1	977118	973949	957894	969654	1.06	cps
Terbium	159-1	7906100	7853126	7698167	7819131	1.38	cps
Terbium	159-2	1656415	1612150	1614861	1627809	1.52	cps
Thallium	203-1	517	475	450	481	7.01	cps
Thallium	205-1	1333	1350	1050	1245	13.55	cps
Tin	118-1	1809	2200	2000	2003	9.78	cps
Titanium	47-1	600	508	575	561	8.45	cps
Uranium	238-1	1750	1617	1483	1617	8.25	cps
Vanadium	51-2	483	440	407	443	8.67	cps
Yttrium	89-1	6396977	6430809	6268696	6365494	1.34	cps
Yttrium	89-2	191344	187187	188666	189066	1.11	cps
Zinc	66-2	6895	6382	6748	6675	3.96	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5215-01DUP	Instrumnet Name :	P8
Client Sample ID :	ROOM-101A-RED-ADUF	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 17:48:32	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	983	1225	967	1058	13.66	cps
Zirconium	91-1	233	342	250	275	21.21	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5215-01LX5	Instrumnet Name :	P8
Client Sample ID :	ROOM-101A-RED-AL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-06 17:51:54	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	68	53	65	62	13.04	cps
Antimony	121-1	1700	1892	2150	1914	11.80	cps
Arsenic	75-2	6	13	11	10	38.99	cps
Barium	135-1	16177	16277	15677	16044	2.01	cps
Barium	137-1	27321	28005	27212	27513	1.56	cps
Beryllium	9-1	300	178	283	254	26.13	cps
Bismuth	209-1	4783760	4647291	4767559	4732870	1.58	cps
Bismuth	209-2	1268142	1288158	1265657	1273986	0.97	cps
Boron	10-1	3184	3159	3542	3295	6.51	cps
Boron	11-1	15926	15868	15617	15804	1.04	cps
Cadmium	111-1	855	783	775	804	5.51	cps
Cadmium	106-1	1200	1058	1092	1117	6.63	cps
Cadmium	108-1	8	0	21	10	107.86	cps
Calcium	43-1	121127	118698	116294	118707	2.04	cps
Calcium	44-1	1965588	1948184	1955091	1956288	0.45	cps
Chromium	52-2	383	387	433	401	6.97	cps
Cobalt	59-2	57	50	60	56	9.17	cps
Copper	63-2	41402	41946	41699	41682	0.65	cps
Dysprosium	156-1	8	25	33	22	57.29	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	33	58	58	50	28.88	cps
Erbium	164-2	7	3	0	3	100.05	cps
Gadolinium	160-1	33	50	67	50	33.34	cps
Gadolinium	160-2	13	10	17	13	25.01	cps
Holmium	165-1	6898108	6671817	6829397	6799774	1.71	cps
Holmium	165-2	1511699	1526443	1509529	1515890	0.61	cps
Indium	115-1	5506628	5421613	5447628	5458623	0.80	cps
Indium	115-2	234766	236839	236373	235993	0.46	cps
Iron	56-2	11627	11611	12078	11772	2.25	cps
Iron	57-2	300	389	328	339	13.42	cps
Krypton	83-1	370	333	370	358	5.92	cps
Lead	206-1	1717	1822	1934	1824	5.94	cps
Lead	207-1	1272	1561	1339	1391	10.88	cps
Lead	208-1	6656	6929	6823	6803	2.02	cps
Lithium	6-1	1388129	1354466	1403567	1382054	1.82	cps
Magnesium	24-2	45958	46435	45825	46073	0.70	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5215-01LX5	Instrumnet Name :	P8
Client Sample ID :	ROOM-101A-RED-AL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-06 17:51:54	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	237	243	317	266	16.72	cps
Molybdenum	94-1	1050	850	967	956	10.51	cps
Molybdenum	95-1	942	942	1033	972	5.44	cps
Molybdenum	96-1	1200	1217	1225	1214	1.05	cps
Molybdenum	97-1	658	642	467	589	18.03	cps
Molybdenum	98-1	1667	1550	1742	1653	5.84	cps
Neodymium	150-1	0	7	13	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	497	490	470	486	2.86	cps
Phosphorus	31-2	50	75	25	50	50.00	cps
Potassium	39-2	11397	11147	11122	11222	1.36	cps
Rhodium	103-1	5178287	5117530	5125639	5140486	0.64	cps
Rhodium	103-2	1392448	1401097	1388231	1393925	0.47	cps
Scandium	45-1	3268928	3211232	3279667	3253276	1.13	cps
Scandium	45-2	24338	24465	24425	24409	0.27	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	7	0	2	173.21	cps
Selenium	82-1	-1	47	49	32	89.03	cps
Silicon	28-1	4301079	4332344	4258409	4297278	0.86	cps
Silver	109-1	150	150	150	150	0.00	cps
Silver	107-1	233	200	225	219	7.91	cps
Sodium	23-2	410970	411161	412072	411401	0.14	cps
Strontium	86-1	68095	69243	69201	68846	0.95	cps
Strontium	88-1	595747	590731	589228	591902	0.58	cps
Sulfur	34-1	431099	425624	427907	428210	0.64	cps
Terbium	159-1	7155773	6886981	7078491	7040415	1.97	cps
Terbium	159-2	1464537	1472820	1463049	1466802	0.36	cps
Thallium	203-1	342	317	300	319	6.57	cps
Thallium	205-1	967	833	983	928	8.86	cps
Tin	118-1	1425	1317	1242	1328	6.94	cps
Titanium	47-1	233	225	217	225	3.70	cps
Uranium	238-1	300	317	308	308	2.70	cps
Vanadium	51-2	37	70	70	59	32.68	cps
Yttrium	89-1	5751549	5634482	5705453	5697162	1.04	cps
Yttrium	89-2	172264	174812	172703	173260	0.79	cps
Zinc	66-2	1270	1200	1340	1270	5.51	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5215-01LX5	Instrumnet Name :	P8
Client Sample ID :	ROOM-101A-RED-AL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-06 17:51:54	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	792	850	908	850	6.86	cps
Zirconium	91-1	200	125	158	161	23.32	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5215-01MS	Instrumnet Name :	P8
Client Sample ID :	ROOM-101A-RED-AMS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 17:55:18	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14066	13688	13350	13701	2.61	cps
Antimony	121-1	8097974	8165180	8016986	8093380	0.92	cps
Arsenic	75-2	89521	88412	87886	88606	0.94	cps
Barium	135-1	522773	528518	520909	524067	0.76	cps
Barium	137-1	921622	915345	920944	919304	0.37	cps
Beryllium	9-1	338112	334002	332522	334879	0.86	cps
Bismuth	209-1	5199086	5264029	5213682	5225599	0.65	cps
Bismuth	209-2	1299891	1345956	1362474	1336107	2.43	cps
Boron	10-1	64654	66739	65910	65768	1.60	cps
Boron	11-1	304288	316153	321039	313827	2.74	cps
Cadmium	111-1	465829	465719	461829	464459	0.49	cps
Cadmium	106-1	43505	42619	41791	42638	2.01	cps
Cadmium	108-1	30397	30589	30810	30599	0.68	cps
Calcium	43-1	677416	672604	661164	670394	1.25	cps
Calcium	44-1	10938049	10878160	10704302	10840170	1.12	cps
Chromium	52-2	355497	352002	352660	353386	0.53	cps
Cobalt	59-2	398552	394505	394379	395812	0.60	cps
Copper	63-2	747855	737821	738637	741438	0.75	cps
Dysprosium	156-1	406978	403185	396480	402215	1.32	cps
Dysprosium	156-2	8746	8366	8520	8544	2.24	cps
Erbium	164-1	75	192	117	128	46.27	cps
Erbium	164-2	20	20	23	21	9.11	cps
Gadolinium	160-1	167	158	167	164	2.93	cps
Gadolinium	160-2	13	33	20	22	45.83	cps
Holmium	165-1	7616671	7578769	7544115	7579852	0.48	cps
Holmium	165-2	1682741	1656355	1651836	1663644	1.00	cps
Indium	115-1	5888527	5928801	5872636	5896655	0.49	cps
Indium	115-2	243602	246625	245253	245160	0.62	cps
Iron	56-2	1946008	1926690	1908778	1927159	0.97	cps
Iron	57-2	48261	46366	47849	47492	2.10	cps
Krypton	83-1	343	373	407	374	8.46	cps
Lead	206-1	7070960	6971642	7003446	7015349	0.72	cps
Lead	207-1	6323712	6256240	6298646	6292866	0.54	cps
Lead	208-1	28877020	28545453	28565027	28662500	0.65	cps
Lithium	6-1	1516246	1496419	1489981	1500882	0.91	cps
Magnesium	24-2	313906	303989	306237	308044	1.69	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5215-01MS	Instrumnet Name :	P8
Client Sample ID :	ROOM-101A-RED-AMS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 17:55:18	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	53438	51123	51244	51935	2.51	cps
Molybdenum	94-1	957046	954606	950152	953935	0.37	cps
Molybdenum	95-1	1714072	1693535	1685519	1697709	0.87	cps
Molybdenum	96-1	1858034	1870878	1843326	1857412	0.74	cps
Molybdenum	97-1	1042972	1040977	1037523	1040491	0.26	cps
Molybdenum	98-1	2705771	2714954	2710605	2710443	0.17	cps
Neodymium	150-1	87	73	73	78	9.89	cps
Neodymium	150-2	3	17	10	10	66.70	cps
Nickel	60-2	292687	290551	291534	291591	0.37	cps
Phosphorus	31-2	3000	3034	2950	2995	1.40	cps
Potassium	39-2	217099	216770	214375	216081	0.69	cps
Rhodium	103-1	5596194	5650789	5573530	5606838	0.71	cps
Rhodium	103-2	1475996	1480627	1483784	1480136	0.26	cps
Scandium	45-1	3609338	3592726	3561535	3587867	0.68	cps
Scandium	45-2	25834	26315	25777	25975	1.14	cps
Selenium	77-2	1547	1607	1480	1545	4.10	cps
Selenium	78-2	5407	5405	5331	5381	0.81	cps
Selenium	82-1	290338	289633	289310	289760	0.18	cps
Silicon	28-1	26640700	26203664	26456503	26433622	0.83	cps
Silver	109-1	779795	773231	764404	772477	1.00	cps
Silver	107-1	822689	821107	809553	817783	0.88	cps
Sodium	23-2	2447329	2420652	2423061	2430348	0.61	cps
Strontium	86-1	916298	919712	908706	914905	0.62	cps
Strontium	88-1	7969303	7856780	7847054	7891045	0.86	cps
Sulfur	34-1	913118	906869	901627	907205	0.63	cps
Terbium	159-1	7882380	7912126	7841821	7878776	0.45	cps
Terbium	159-2	1588300	1592959	1601673	1594311	0.43	cps
Thallium	203-1	17205301	17055649	16900128	17053693	0.89	cps
Thallium	205-1	41170927	40905541	40622176	40899548	0.67	cps
Tin	118-1	4898790	4852209	4808103	4853034	0.93	cps
Titanium	47-1	226216	225452	225226	225631	0.23	cps
Uranium	238-1	1642	1675	1909	1742	8.34	cps
Vanadium	51-2	197799	196737	196166	196900	0.42	cps
Yttrium	89-1	6310527	6349263	6299423	6319738	0.41	cps
Yttrium	89-2	186542	185129	186237	185970	0.40	cps
Zinc	66-2	40021	39125	39650	39599	1.14	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5215-01MS	Instrumnet Name :	P8
Client Sample ID :	ROOM-101A-RED-AMS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 17:55:18	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	13266	11700	8670	11212	20.84	cps
Zirconium	91-1	3684	2859	2550	3031	19.34	cps

LB Number : LB98428 Operator : Jaswal
 Lab Sample ID : J5215-01MSD Instrumnet Name : P8
 Client Sample ID : ROOM-101A-RED-AMSC Dilution Factor : 1
 Date & Time Acquired :: 2018-10-06 17:58:37 DataFile Name : 044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14544	14021	13805	14123	2.69	cps
Antimony	121-1	8433708	8349272	8309681	8364220	0.76	cps
Arsenic	75-2	91940	91715	89826	91160	1.27	cps
Barium	135-1	551917	537404	539886	543069	1.43	cps
Barium	137-1	956335	944646	942426	947802	0.79	cps
Beryllium	9-1	354922	347667	345284	349291	1.44	cps
Bismuth	209-1	5032414	5269705	5311457	5204525	2.89	cps
Bismuth	209-2	1408842	1398438	1387961	1398413	0.75	cps
Boron	10-1	69369	69259	69393	69340	0.10	cps
Boron	11-1	328955	335374	335044	333124	1.08	cps
Cadmium	111-1	491241	481715	474828	482594	1.71	cps
Cadmium	106-1	44115	44433	42501	43683	2.37	cps
Cadmium	108-1	30973	31099	30952	31008	0.26	cps
Calcium	43-1	699209	690058	684638	691302	1.07	cps
Calcium	44-1	11353702	11149972	11142825	11215500	1.07	cps
Chromium	52-2	365036	360932	358281	361417	0.94	cps
Cobalt	59-2	408379	407662	402771	406271	0.75	cps
Copper	63-2	767326	762099	754235	761220	0.87	cps
Dysprosium	156-1	429910	427668	424778	427452	0.60	cps
Dysprosium	156-2	9107	8806	9183	9032	2.21	cps
Erbium	164-1	92	83	108	94	13.48	cps
Erbium	164-2	10	30	33	24	51.62	cps
Gadolinium	160-1	183	250	225	219	15.35	cps
Gadolinium	160-2	20	20	30	23	24.74	cps
Holmium	165-1	7465872	7748730	7801192	7671932	2.35	cps
Holmium	165-2	1713227	1675139	1701684	1696683	1.15	cps
Indium	115-1	5765927	6024525	5975005	5921819	2.32	cps
Indium	115-2	250263	247361	245576	247733	0.95	cps
Iron	56-2	2014837	1997255	1950030	1987374	1.69	cps
Iron	57-2	49104	48145	47476	48242	1.70	cps
Krypton	83-1	387	410	423	407	4.56	cps
Lead	206-1	7483456	7261636	7247413	7330835	1.81	cps
Lead	207-1	6697035	6548525	6453113	6566224	1.87	cps
Lead	208-1	30466323	29839953	29535324	29947200	1.59	cps
Lithium	6-1	1468047	1542354	1536359	1515587	2.72	cps
Magnesium	24-2	318476	313493	310838	314269	1.23	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5215-01MSD	Instrumnet Name :	P8
Client Sample ID :	ROOM-101A-RED-AMSC	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 17:58:37	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	53482	53402	52378	53087	1.16	cps
Molybdenum	94-1	986766	989051	966791	980870	1.25	cps
Molybdenum	95-1	1772643	1749646	1729198	1750496	1.24	cps
Molybdenum	96-1	1923981	1899467	1888224	1903891	0.96	cps
Molybdenum	97-1	1091944	1070938	1065437	1076106	1.30	cps
Molybdenum	98-1	2842493	2799666	2785876	2809345	1.05	cps
Neodymium	150-1	73	100	80	84	16.43	cps
Neodymium	150-2	7	10	3	7	50.03	cps
Nickel	60-2	301624	302159	297912	300565	0.77	cps
Phosphorus	31-2	3259	3192	3592	3348	6.40	cps
Potassium	39-2	223171	221898	219019	221363	0.96	cps
Rhodium	103-1	5574582	5719381	5677849	5657271	1.32	cps
Rhodium	103-2	1513747	1496962	1524606	1511772	0.92	cps
Scandium	45-1	3511184	3597719	3635262	3581388	1.78	cps
Scandium	45-2	26625	26078	26736	26480	1.33	cps
Selenium	77-2	1560	1593	1640	1598	2.52	cps
Selenium	78-2	5648	5614	5712	5658	0.88	cps
Selenium	82-1	303886	299856	295753	299832	1.36	cps
Silicon	28-1	27731591	27035015	26962305	27242971	1.56	cps
Silver	109-1	796239	792118	785553	791304	0.68	cps
Silver	107-1	849772	838933	829471	839392	1.21	cps
Sodium	23-2	2511742	2503228	2467719	2494230	0.94	cps
Strontium	86-1	953096	939987	937857	943647	0.87	cps
Strontium	88-1	8224873	8154807	8089514	8156398	0.83	cps
Sulfur	34-1	949231	940737	923227	937732	1.41	cps
Terbium	159-1	7731984	8046368	8006995	7928449	2.16	cps
Terbium	159-2	1675990	1628219	1661840	1655350	1.48	cps
Thallium	203-1	18095158	17836292	17760744	17897398	0.98	cps
Thallium	205-1	43239909	42814008	42053721	42702546	1.41	cps
Tin	118-1	5108147	5005881	4966257	5026761	1.46	cps
Titanium	47-1	233019	232279	232490	232596	0.16	cps
Uranium	238-1	1975	1742	1900	1872	6.36	cps
Vanadium	51-2	204303	202798	199817	202306	1.13	cps
Yttrium	89-1	6215810	6433236	6425017	6358021	1.94	cps
Yttrium	89-2	190575	187916	187261	188584	0.93	cps
Zinc	66-2	40830	40513	41011	40784	0.62	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5215-01MSD	Instrumnet Name :	P8
Client Sample ID :	ROOM-101A-RED-AMSL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 17:58:37	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4976	4426	3626	4343	15.64	cps
Zirconium	91-1	1725	1875	1483	1695	11.66	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5215-01A	Instrumnet Name :	P8
Client Sample ID :	ROOM-101A-RED-AA	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 18:01:54	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13943	13945	14231	14040	1.18	cps
Antimony	121-1	8437102	8355239	8394287	8395543	0.49	cps
Arsenic	75-2	90969	91004	90788	90920	0.13	cps
Barium	135-1	551096	548920	546376	548797	0.43	cps
Barium	137-1	957170	947281	948027	950826	0.58	cps
Beryllium	9-1	349074	346453	343424	346317	0.82	cps
Bismuth	209-1	5371376	4951863	5319040	5214093	4.38	cps
Bismuth	209-2	1402795	1407342	1331946	1380694	3.06	cps
Boron	10-1	69226	71855	71712	70931	2.08	cps
Boron	11-1	335228	339870	341556	338885	0.97	cps
Cadmium	111-1	483951	477533	478312	479932	0.73	cps
Cadmium	106-1	43471	43530	43864	43622	0.49	cps
Cadmium	108-1	30998	32172	31725	31632	1.87	cps
Calcium	43-1	690861	694148	685581	690197	0.63	cps
Calcium	44-1	11183648	11154805	11027468	11121974	0.75	cps
Chromium	52-2	360153	363413	360186	361250	0.52	cps
Cobalt	59-2	404875	406012	406116	405668	0.17	cps
Copper	63-2	762045	762067	763203	762438	0.09	cps
Dysprosium	156-1	428898	425723	423266	425962	0.66	cps
Dysprosium	156-2	8686	8636	8990	8771	2.18	cps
Erbium	164-1	192	175	50	139	55.75	cps
Erbium	164-2	30	17	23	23	28.56	cps
Gadolinium	160-1	192	242	183	206	15.35	cps
Gadolinium	160-2	7	23	20	17	52.90	cps
Holmium	165-1	7844089	7064538	7793826	7567484	5.77	cps
Holmium	165-2	1710625	1698282	1628664	1679190	2.63	cps
Indium	115-1	6021464	5499912	6042979	5854785	5.25	cps
Indium	115-2	248388	249814	237696	245299	2.70	cps
Iron	56-2	2008735	1982019	1991054	1993936	0.68	cps
Iron	57-2	49561	49092	49940	49531	0.86	cps
Krypton	83-1	400	400	373	391	3.94	cps
Lead	206-1	7347130	7246514	7272169	7288604	0.72	cps
Lead	207-1	6565416	6536218	6524718	6542117	0.32	cps
Lead	208-1	29884140	29810907	29609364	29768137	0.48	cps
Lithium	6-1	1534909	1388961	1518450	1480773	5.40	cps
Magnesium	24-2	315682	316964	314726	315791	0.36	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5215-01A	Instrumnet Name :	P8
Client Sample ID :	ROOM-101A-RED-AA	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 18:01:54	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	54148	54285	53191	53875	1.11	cps
Molybdenum	94-1	989909	982972	978470	983784	0.59	cps
Molybdenum	95-1	1776549	1762262	1737029	1758613	1.14	cps
Molybdenum	96-1	1911806	1900373	1889351	1900510	0.59	cps
Molybdenum	97-1	1087069	1086601	1073698	1082456	0.70	cps
Molybdenum	98-1	2838183	2829624	2791444	2819750	0.88	cps
Neodymium	150-1	67	67	60	64	5.98	cps
Neodymium	150-2	3	10	0	4	114.60	cps
Nickel	60-2	300586	301322	300792	300900	0.13	cps
Phosphorus	31-2	2925	3059	3284	3089	5.86	cps
Potassium	39-2	220213	219461	218012	219229	0.51	cps
Rhodium	103-1	5815402	5211963	5671749	5566372	5.66	cps
Rhodium	103-2	1510133	1510026	1453899	1491353	2.17	cps
Scandium	45-1	3658518	3321049	3628781	3536116	5.28	cps
Scandium	45-2	26108	26756	24542	25802	4.41	cps
Selenium	77-2	1613	1530	1647	1597	3.76	cps
Selenium	78-2	5644	5497	5299	5480	3.16	cps
Selenium	82-1	302038	300261	296953	299751	0.86	cps
Silicon	28-1	27464406	27286179	26856522	27202369	1.15	cps
Silver	109-1	797758	809604	798339	801901	0.83	cps
Silver	107-1	844016	852578	842136	846244	0.66	cps
Sodium	23-2	2495782	2500683	2479725	2492063	0.44	cps
Strontium	86-1	936144	944548	929456	936716	0.81	cps
Strontium	88-1	8068325	8083662	8034625	8062204	0.31	cps
Sulfur	34-1	938895	940915	927476	935762	0.77	cps
Terbium	159-1	8068357	7380791	8063442	7837530	5.05	cps
Terbium	159-2	1650439	1636668	1580380	1622496	2.29	cps
Thallium	203-1	18182088	17893764	17868845	17981566	0.97	cps
Thallium	205-1	43093479	42994129	42896987	42994865	0.23	cps
Tin	118-1	5076006	5014876	5045237	5045373	0.61	cps
Titanium	47-1	233278	233464	227824	231522	1.38	cps
Uranium	238-1	1467	1650	1559	1559	5.88	cps
Vanadium	51-2	202142	204279	200936	202452	0.84	cps
Yttrium	89-1	6490636	5896536	6397536	6261569	5.10	cps
Yttrium	89-2	189008	188115	180326	185816	2.57	cps
Zinc	66-2	40723	40516	40924	40721	0.50	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5215-01A	Instrumnet Name :	P8
Client Sample ID :	ROOM-101A-RED-AA	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 18:01:54	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3526	3217	3167	3303	5.88	cps
Zirconium	91-1	1642	1483	1342	1489	10.08	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5215-03	Instrumnet Name :	P8
Client Sample ID :	ROOM-101A-BLUE-A	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 18:05:11	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	218	285	248	250	13.53	cps
Antimony	121-1	15543	15343	14308	15065	4.40	cps
Arsenic	75-2	39	52	39	43	17.32	cps
Barium	135-1	93420	92396	91222	92346	1.19	cps
Barium	137-1	162369	158927	157266	159521	1.63	cps
Beryllium	9-1	450	467	444	454	2.55	cps
Bismuth	209-1	5260622	5463173	5353349	5359048	1.89	cps
Bismuth	209-2	1421752	1387111	1283651	1364172	5.27	cps
Boron	10-1	14316	13774	13082	13724	4.51	cps
Boron	11-1	67618	67928	66898	67481	0.78	cps
Cadmium	111-1	1054	989	989	1011	3.70	cps
Cadmium	106-1	1358	1283	1258	1300	4.00	cps
Cadmium	108-1	38	38	42	39	6.19	cps
Calcium	43-1	640102	635993	632893	636329	0.57	cps
Calcium	44-1	10390681	10261519	10118869	10257023	1.33	cps
Chromium	52-2	613	607	620	613	1.09	cps
Cobalt	59-2	340	280	313	311	9.66	cps
Copper	63-2	694291	690300	686769	690454	0.55	cps
Dysprosium	156-1	58	108	125	97	35.68	cps
Dysprosium	156-2	3	20	3	9	108.30	cps
Erbium	164-1	58	50	75	61	20.83	cps
Erbium	164-2	7	13	20	13	49.99	cps
Gadolinium	160-1	50	83	50	61	31.50	cps
Gadolinium	160-2	17	17	0	11	86.60	cps
Holmium	165-1	7937487	7852733	7781564	7857261	0.99	cps
Holmium	165-2	1724780	1672643	1616430	1671284	3.24	cps
Indium	115-1	6206985	6263514	6173656	6214718	0.73	cps
Indium	115-2	261496	254806	243100	253134	3.68	cps
Iron	56-2	50247	48696	49349	49431	1.57	cps
Iron	57-2	1328	1283	1350	1320	2.57	cps
Krypton	83-1	363	367	267	332	17.10	cps
Lead	206-1	16850	16044	16127	16341	2.71	cps
Lead	207-1	14336	14019	13786	14047	1.97	cps
Lead	208-1	66041	64120	63141	64434	2.29	cps
Lithium	6-1	1526631	1560107	1541613	1542783	1.09	cps
Magnesium	24-2	244773	240323	236764	240620	1.67	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5215-03	Instrumnet Name :	P8
Client Sample ID :	ROOM-101A-BLUE-A	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 18:05:11	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1630	1840	1697	1722	6.23	cps
Molybdenum	94-1	2992	2809	2734	2845	4.67	cps
Molybdenum	95-1	4818	4893	4493	4734	4.49	cps
Molybdenum	96-1	5701	4984	5060	5249	7.51	cps
Molybdenum	97-1	3259	2700	2642	2867	11.88	cps
Molybdenum	98-1	7803	7386	6952	7380	5.76	cps
Neodymium	150-1	27	13	40	27	50.01	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	3390	3167	3250	3269	3.45	cps
Phosphorus	31-2	225	242	225	231	4.17	cps
Potassium	39-2	59769	58103	60497	59457	2.06	cps
Rhodium	103-1	5843073	5797197	5771735	5804002	0.62	cps
Rhodium	103-2	1551329	1498248	1443496	1497691	3.60	cps
Scandium	45-1	3663785	3775577	3628405	3689255	2.08	cps
Scandium	45-2	26836	26408	24982	26076	3.72	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	7	4	7	6	34.70	cps
Selenium	82-1	158	123	212	164	27.26	cps
Silicon	28-1	21619559	21406765	21098429	21374918	1.23	cps
Silver	109-1	242	267	317	275	13.89	cps
Silver	107-1	350	317	392	353	10.65	cps
Sodium	23-2	2352104	2343280	2310650	2335345	0.94	cps
Strontium	86-1	370100	362700	362142	364981	1.22	cps
Strontium	88-1	3216263	3160925	3186447	3187878	0.87	cps
Sulfur	34-1	977854	973527	965365	972249	0.65	cps
Terbium	159-1	8122624	8196967	8076723	8132105	0.75	cps
Terbium	159-2	1689725	1619851	1540552	1616710	4.62	cps
Thallium	203-1	5610	4784	4468	4954	11.90	cps
Thallium	205-1	13157	11806	10647	11870	10.59	cps
Tin	118-1	7811	7211	6727	7250	7.49	cps
Titanium	47-1	600	642	567	603	6.23	cps
Uranium	238-1	1442	1492	1759	1564	10.89	cps
Vanadium	51-2	327	343	350	340	3.53	cps
Yttrium	89-1	6468906	6463294	6389048	6440416	0.69	cps
Yttrium	89-2	190568	189082	180860	186837	2.80	cps
Zinc	66-2	46367	45672	46401	46147	0.89	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5215-03	Instrumnet Name :	P8
Client Sample ID :	ROOM-101A-BLUE-A	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 18:05:11	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	625	692	617	644	6.38	cps
Zirconium	91-1	150	167	117	144	17.63	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5215-05	Instrumnet Name :	P8
Client Sample ID :	BATES-HALL-KITCHEN-	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 18:08:33	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	238	245	280	254	8.92	cps
Antimony	121-1	5168	5243	5243	5218	0.83	cps
Arsenic	75-2	28	31	37	32	14.52	cps
Barium	135-1	87674	86390	87144	87069	0.74	cps
Barium	137-1	151197	147344	149267	149269	1.29	cps
Beryllium	9-1	317	300	294	304	3.81	cps
Bismuth	209-1	5311690	5302374	5191248	5268437	1.27	cps
Bismuth	209-2	1388714	1373664	1392643	1385007	0.72	cps
Boron	10-1	12397	12639	12239	12425	1.62	cps
Boron	11-1	57365	60980	60211	59519	3.20	cps
Cadmium	111-1	784	876	867	842	6.02	cps
Cadmium	106-1	992	1175	1183	1117	9.70	cps
Cadmium	108-1	21	38	46	35	36.66	cps
Calcium	43-1	630213	622279	615599	622697	1.17	cps
Calcium	44-1	10185091	10130429	10040779	10118767	0.72	cps
Chromium	52-2	507	507	530	514	2.62	cps
Cobalt	59-2	263	277	283	274	3.71	cps
Copper	63-2	974880	980856	969393	975043	0.59	cps
Dysprosium	156-1	67	25	67	53	45.58	cps
Dysprosium	156-2	7	7	7	7	0.00	cps
Erbium	164-1	58	50	50	53	9.12	cps
Erbium	164-2	10	0	10	7	86.60	cps
Gadolinium	160-1	42	25	67	44	47.19	cps
Gadolinium	160-2	13	10	20	14	35.26	cps
Holmium	165-1	7810757	7703440	7639820	7718006	1.12	cps
Holmium	165-2	1695030	1705545	1688816	1696464	0.50	cps
Indium	115-1	6113856	6052441	6029657	6065318	0.72	cps
Indium	115-2	255055	251814	253146	253338	0.64	cps
Iron	56-2	38699	38777	38498	38658	0.37	cps
Iron	57-2	878	961	856	898	6.20	cps
Krypton	83-1	400	370	350	373	6.74	cps
Lead	206-1	11711	11400	11333	11481	1.76	cps
Lead	207-1	10177	9737	9487	9800	3.56	cps
Lead	208-1	46334	44710	44899	45314	1.96	cps
Lithium	6-1	1520147	1548610	1513319	1527359	1.23	cps
Magnesium	24-2	248527	244066	244640	245745	0.99	cps

LB Number : LB98428 Operator : Jaswal
 Lab Sample ID : J5215-05 Instrumnet Name : P8
 Client Sample ID : BATES-HALL-KITCHEN- Dilution Factor : 1
 Date & Time Acquired :: 2018-10-06 18:08:33 DataFile Name : 047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1237	1153	1147	1179	4.25	cps
Molybdenum	94-1	2100	2092	1917	2036	5.08	cps
Molybdenum	95-1	2900	3259	3092	3084	5.82	cps
Molybdenum	96-1	3667	3642	3651	3653	0.35	cps
Molybdenum	97-1	2250	2067	2200	2173	4.36	cps
Molybdenum	98-1	5335	4943	5310	5196	4.22	cps
Neodymium	150-1	53	47	47	49	7.88	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	1920	1970	1940	1944	1.30	cps
Phosphorus	31-2	200	200	175	192	7.53	cps
Potassium	39-2	56355	55301	56221	55959	1.03	cps
Rhodium	103-1	5671108	5699146	5560941	5643732	1.29	cps
Rhodium	103-2	1507961	1490860	1496097	1498306	0.58	cps
Scandium	45-1	3662528	3596283	3539211	3599341	1.71	cps
Scandium	45-2	26652	26602	26452	26569	0.39	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	2	4	4	50.09	cps
Selenium	82-1	25	45	69	46	47.69	cps
Silicon	28-1	21344721	21113510	21035195	21164475	0.76	cps
Silver	109-1	283	233	317	278	15.10	cps
Silver	107-1	475	308	283	356	29.31	cps
Sodium	23-2	2287700	2285450	2265378	2279509	0.54	cps
Strontium	86-1	359886	354032	353108	355675	1.03	cps
Strontium	88-1	3160625	3130270	3134943	3141946	0.52	cps
Sulfur	34-1	962746	962965	953421	959711	0.57	cps
Terbium	159-1	8048686	7956799	7872785	7959423	1.11	cps
Terbium	159-2	1643206	1616882	1626488	1628859	0.82	cps
Thallium	203-1	2167	2125	1975	2089	4.83	cps
Thallium	205-1	5243	4976	4985	5068	2.99	cps
Tin	118-1	3742	3642	3717	3701	1.41	cps
Titanium	47-1	450	550	433	478	13.21	cps
Uranium	238-1	1634	1475	1642	1584	5.93	cps
Vanadium	51-2	507	467	473	482	4.44	cps
Yttrium	89-1	6361716	6390426	6359669	6370603	0.27	cps
Yttrium	89-2	188719	187285	187981	187995	0.38	cps
Zinc	66-2	83700	84227	82758	83562	0.89	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5215-05	Instrumnet Name :	P8
Client Sample ID :	BATES-HALL-KITCHEN-	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 18:08:33	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	633	633	692	653	5.16	cps
Zirconium	91-1	183	100	108	131	35.16	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	CCV84	Instrumnet Name :	P8
Client Sample ID :	CCV84	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 18:11:56	DataFile Name :	048CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	347287	346931	345515	346578	0.27	cps
Antimony	121-1	4670044	4709615	4677538	4685732	0.45	cps
Arsenic	75-2	51323	51438	50624	51128	0.86	cps
Barium	135-1	4997651	5057924	4994943	5016839	0.71	cps
Barium	137-1	8591770	8669797	8624016	8628528	0.45	cps
Beryllium	9-1	757224	756045	756330	756533	0.08	cps
Bismuth	209-1	4389380	4423642	4534199	4449074	1.70	cps
Bismuth	209-2	1178357	1178204	1185876	1180812	0.37	cps
Boron	10-1	87214	88631	90812	88886	2.04	cps
Boron	11-1	417313	424836	433656	425268	1.92	cps
Cadmium	111-1	1014517	1022307	1017532	1018118	0.39	cps
Cadmium	106-1	109029	108559	107787	108459	0.58	cps
Cadmium	108-1	73583	74622	73298	73834	0.94	cps
Calcium	43-1	5163620	5232656	5175044	5190440	0.71	cps
Calcium	44-1	84017510	83676887	83768475	83820957	0.21	cps
Chromium	52-2	428026	430086	427858	428657	0.29	cps
Cobalt	59-2	887964	894304	891736	891334	0.36	cps
Copper	63-2	1494358	1492083	1490723	1492388	0.12	cps
Dysprosium	156-1	100	92	75	89	14.33	cps
Dysprosium	156-2	17	3	0	7	132.33	cps
Erbium	164-1	42	33	17	31	41.66	cps
Erbium	164-2	3	10	3	6	69.34	cps
Gadolinium	160-1	75	42	92	69	36.66	cps
Gadolinium	160-2	20	10	10	13	43.30	cps
Holmium	165-1	6706264	6690286	6858136	6751562	1.37	cps
Holmium	165-2	1487493	1488515	1501261	1492423	0.51	cps
Indium	115-1	5097315	5100445	5166452	5121404	0.76	cps
Indium	115-2	215649	216295	216423	216123	0.19	cps
Iron	56-2	69503206	69975567	69774338	69751037	0.34	cps
Iron	57-2	1781456	1797845	1787815	1789039	0.46	cps
Krypton	83-1	390	367	387	381	3.31	cps
Lead	206-1	3203034	3173622	3178620	3185092	0.49	cps
Lead	207-1	2944374	2888875	2880227	2904492	1.20	cps
Lead	208-1	13123618	12961994	12977280	13020964	0.69	cps
Lithium	6-1	1271627	1286692	1331223	1296514	2.39	cps
Magnesium	24-2	7403535	7417763	7385139	7402146	0.22	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	CCV84	Instrumnet Name :	P8
Client Sample ID :	CCV84	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 18:11:56	DataFile Name :	048CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	239707	240461	239765	239978	0.17	cps
Molybdenum	94-1	7998103	7982936	7959640	7980226	0.24	cps
Molybdenum	95-1	9890412	9852931	9948125	9897156	0.48	cps
Molybdenum	96-1	11038879	11069682	11148721	11085761	0.51	cps
Molybdenum	97-1	6220931	6244144	6246841	6237305	0.23	cps
Molybdenum	98-1	15752228	15816255	15804852	15791112	0.22	cps
Neodymium	150-1	153	247	233	211	23.91	cps
Neodymium	150-2	23	7	17	16	53.90	cps
Nickel	60-2	264028	270133	266378	266846	1.15	cps
Phosphorus	31-2	4142	4826	4401	4456	7.74	cps
Potassium	39-2	1940086	1932849	1963418	1945451	0.82	cps
Rhodium	103-1	4674004	4703105	4816531	4731213	1.59	cps
Rhodium	103-2	1266947	1278783	1272991	1272907	0.46	cps
Scandium	45-1	3078921	3136873	3179580	3131791	1.61	cps
Scandium	45-2	23547	24124	24448	24040	1.90	cps
Selenium	77-2	317	323	367	336	8.09	cps
Selenium	78-2	1202	1189	1195	1195	0.54	cps
Selenium	82-1	63717	63197	62825	63247	0.71	cps
Silicon	28-1	2217322	2246890	2302740	2255651	1.92	cps
Silver	109-1	4679485	4753531	4674695	4702570	0.94	cps
Silver	107-1	4889401	4941913	4929252	4920189	0.56	cps
Sodium	23-2	16829050	16694235	16814265	16779183	0.44	cps
Strontium	86-1	1233528	1239050	1246016	1239532	0.50	cps
Strontium	88-1	10753926	10678588	10731080	10721198	0.36	cps
Sulfur	34-1	643173	644135	642773	643360	0.11	cps
Terbium	159-1	6909856	6951687	7034140	6965227	0.91	cps
Terbium	159-2	1425322	1431964	1438507	1431931	0.46	cps
Thallium	203-1	3986202	3969330	3965226	3973586	0.28	cps
Thallium	205-1	9359041	9331393	9333265	9341233	0.17	cps
Tin	118-1	3271435	3226901	3212889	3237075	0.94	cps
Titanium	47-1	2560118	2605977	2626677	2597591	1.31	cps
Uranium	238-1	12980822	13130495	13059674	13056997	0.57	cps
Vanadium	51-2	306067	306008	307392	306489	0.26	cps
Yttrium	89-1	5526414	5502757	5623907	5551026	1.16	cps
Yttrium	89-2	166652	165924	167354	166644	0.43	cps
Zinc	66-2	144490	143341	144247	144026	0.42	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	CCV84	Instrumnet Name :	P8
Client Sample ID :	CCV84	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 18:11:56	DataFile Name :	048CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6650400	6780833	6715534	6715589	0.97	cps
Zirconium	91-1	1529832	1509736	1523130	1520899	0.67	cps

LB Number : LB98428 Operator : Jaswal
 Lab Sample ID : CCB84 Instrumnet Name : P8
 Client Sample ID : CCB84 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-06 18:15:09 DataFile Name : 049CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	23	13	15	17	31.25	cps
Antimony	121-1	11197	10488	10380	10688	4.15	cps
Arsenic	75-2	20	20	13	18	23.90	cps
Barium	135-1	92	75	100	89	14.33	cps
Barium	137-1	250	200	133	194	30.10	cps
Beryllium	9-1	578	533	506	539	6.76	cps
Bismuth	209-1	4862508	4826268	4873115	4853964	0.51	cps
Bismuth	209-2	1295278	1273098	1288641	1285672	0.89	cps
Boron	10-1	4809	4676	3767	4418	12.84	cps
Boron	11-1	22518	21592	19664	21258	6.85	cps
Cadmium	111-1	908	950	878	912	3.99	cps
Cadmium	106-1	1200	1300	1175	1225	5.40	cps
Cadmium	108-1	4	8	17	10	65.47	cps
Calcium	43-1	458	500	433	464	7.26	cps
Calcium	44-1	13374	12798	11981	12717	5.50	cps
Chromium	52-2	350	380	293	341	12.90	cps
Cobalt	59-2	40	50	63	51	22.91	cps
Copper	63-2	447	333	320	367	18.98	cps
Dysprosium	156-1	17	8	33	19	65.47	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	25	25	33	28	17.31	cps
Erbium	164-2	0	10	3	4	114.60	cps
Gadolinium	160-1	17	25	33	25	33.34	cps
Gadolinium	160-2	0	7	0	2	173.21	cps
Holmium	165-1	6943626	7008393	6980955	6977658	0.47	cps
Holmium	165-2	1527421	1516001	1525084	1522835	0.40	cps
Indium	115-1	5522601	5538469	5615541	5558870	0.89	cps
Indium	115-2	236954	233738	233284	234659	0.85	cps
Iron	56-2	2761	2317	2461	2513	9.02	cps
Iron	57-2	67	72	28	56	43.59	cps
Krypton	83-1	420	340	380	380	10.53	cps
Lead	206-1	1083	867	800	917	16.16	cps
Lead	207-1	756	839	717	770	8.11	cps
Lead	208-1	3962	3656	3300	3639	9.09	cps
Lithium	6-1	1391705	1417989	1408632	1406109	0.95	cps
Magnesium	24-2	483	408	408	433	9.99	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	CCB84	Instrumnet Name :	P8
Client Sample ID :	CCB84	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 18:15:09	DataFile Name :	049CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	23	27	37	29	24.03	cps
Molybdenum	94-1	2792	2550	2350	2564	8.63	cps
Molybdenum	95-1	3359	2884	2759	3000	10.55	cps
Molybdenum	96-1	3984	3501	3192	3559	11.22	cps
Molybdenum	97-1	2250	1984	1659	1964	15.09	cps
Molybdenum	98-1	5902	4943	4418	5087	14.79	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	180	183	227	197	13.24	cps
Phosphorus	31-2	17	8	8	11	43.34	cps
Potassium	39-2	2575	2434	2317	2442	5.30	cps
Rhodium	103-1	5303115	5241390	5267883	5270796	0.59	cps
Rhodium	103-2	1397411	1395233	1407736	1400127	0.48	cps
Scandium	45-1	3259087	3210651	3276520	3248753	1.05	cps
Scandium	45-2	23750	24595	24194	24180	1.75	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	0	0	0.00	cps
Selenium	82-1	-16	70	1	18	247.98	cps
Silicon	28-1	200496	203134	198401	200677	1.18	cps
Silver	109-1	425	308	442	392	18.55	cps
Silver	107-1	533	442	433	469	11.82	cps
Sodium	23-2	9454	9979	9170	9534	4.31	cps
Strontium	86-1	650	625	492	589	14.45	cps
Strontium	88-1	625	408	275	436	40.50	cps
Sulfur	34-1	339071	339801	336456	338443	0.52	cps
Terbium	159-1	7240951	7026265	7206472	7157896	1.61	cps
Terbium	159-2	1473265	1455535	1471711	1466837	0.67	cps
Thallium	203-1	2509	2667	2092	2423	12.26	cps
Thallium	205-1	6277	5685	5118	5693	10.18	cps
Tin	118-1	3392	3284	3059	3245	5.24	cps
Titanium	47-1	300	150	200	217	35.25	cps
Uranium	238-1	658	383	342	461	37.32	cps
Vanadium	51-2	3	7	13	8	65.47	cps
Yttrium	89-1	5766658	5740694	5777203	5761518	0.33	cps
Yttrium	89-2	173263	171308	173216	172596	0.65	cps
Zinc	66-2	100	63	70	78	25.11	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	CCB84	Instrumnet Name :	P8
Client Sample ID :	CCB84	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 18:15:09	DataFile Name :	049CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2242	2242	2125	2203	3.06	cps
Zirconium	91-1	458	542	475	492	8.97	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5215-07	Instrumnet Name :	P8
Client Sample ID :	PLAY-PALS-A	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 18:18:34	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	215	215	218	216	0.67	cps
Antimony	121-1	4409	4543	4343	4432	2.30	cps
Arsenic	75-2	43	26	44	38	27.08	cps
Barium	135-1	82624	81416	80881	81640	1.09	cps
Barium	137-1	144455	142222	142503	143060	0.85	cps
Beryllium	9-1	394	383	506	428	15.80	cps
Bismuth	209-1	5487457	5455358	5301048	5414621	1.84	cps
Bismuth	209-2	1401006	1388384	1404137	1397842	0.60	cps
Boron	10-1	11463	10813	11088	11121	2.94	cps
Boron	11-1	53208	53350	53677	53411	0.45	cps
Cadmium	111-1	1020	1018	979	1006	2.28	cps
Cadmium	106-1	1333	1292	1300	1308	1.68	cps
Cadmium	108-1	25	58	50	44	39.04	cps
Calcium	43-1	583883	575071	576409	578454	0.82	cps
Calcium	44-1	9428680	9324514	9312363	9355186	0.68	cps
Chromium	52-2	497	530	423	483	11.29	cps
Cobalt	59-2	193	210	163	189	12.52	cps
Copper	63-2	839406	842210	837541	839719	0.28	cps
Dysprosium	156-1	42	25	42	36	26.65	cps
Dysprosium	156-2	3	3	7	4	43.40	cps
Erbium	164-1	17	50	75	47	61.97	cps
Erbium	164-2	13	7	7	9	43.25	cps
Gadolinium	160-1	92	33	83	69	45.44	cps
Gadolinium	160-2	17	7	3	9	78.08	cps
Holmium	165-1	7873554	7845660	7669177	7796130	1.42	cps
Holmium	165-2	1704260	1703405	1710979	1706215	0.24	cps
Indium	115-1	6260780	6185044	6104093	6183306	1.27	cps
Indium	115-2	256768	255127	257785	256560	0.52	cps
Iron	56-2	37072	35930	35635	36212	2.10	cps
Iron	57-2	895	817	1000	904	10.18	cps
Krypton	83-1	337	413	410	387	11.21	cps
Lead	206-1	15332	15365	15137	15278	0.81	cps
Lead	207-1	12901	12812	12545	12753	1.45	cps
Lead	208-1	60536	60703	58983	60074	1.58	cps
Lithium	6-1	1560360	1581397	1544259	1562005	1.19	cps
Magnesium	24-2	225301	222168	222372	223280	0.78	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5215-07	Instrumnet Name :	P8
Client Sample ID :	PLAY-PALS-A	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 18:18:34	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1277	1143	1147	1189	6.40	cps
Molybdenum	94-1	2459	2175	2200	2278	6.89	cps
Molybdenum	95-1	2850	2725	2809	2795	2.28	cps
Molybdenum	96-1	3226	3201	2984	3137	4.24	cps
Molybdenum	97-1	1975	1959	1775	1903	5.83	cps
Molybdenum	98-1	4576	4584	4343	4501	3.05	cps
Neodymium	150-1	20	13	20	18	21.66	cps
Neodymium	150-2	10	7	0	6	91.64	cps
Nickel	60-2	4834	5168	4914	4972	3.50	cps
Phosphorus	31-2	225	225	275	242	11.95	cps
Potassium	39-2	57870	57067	57686	57541	0.73	cps
Rhodium	103-1	5747041	5775185	5693909	5738711	0.72	cps
Rhodium	103-2	1551359	1511782	1521627	1528256	1.35	cps
Scandium	45-1	3655551	3693667	3626362	3658527	0.92	cps
Scandium	45-2	27116	26365	26676	26719	1.41	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	0	7	4	89.21	cps
Selenium	82-1	60	19	51	43	49.93	cps
Silicon	28-1	21928985	21671860	21425034	21675293	1.16	cps
Silver	109-1	333	317	325	325	2.57	cps
Silver	107-1	425	233	308	322	29.97	cps
Sodium	23-2	2232998	2250010	2224575	2235861	0.58	cps
Strontium	86-1	337497	332231	327748	332492	1.47	cps
Strontium	88-1	2983578	2925045	2900372	2936332	1.46	cps
Sulfur	34-1	933378	928374	920302	927352	0.71	cps
Terbium	159-1	8037542	8050791	7915011	8001115	0.94	cps
Terbium	159-2	1651248	1635239	1647585	1644691	0.51	cps
Thallium	203-1	1225	1317	1233	1258	4.03	cps
Thallium	205-1	2892	3351	2767	3003	10.23	cps
Tin	118-1	2250	2317	2400	2323	3.24	cps
Titanium	47-1	392	525	558	492	17.94	cps
Uranium	238-1	1275	1492	1517	1428	9.31	cps
Vanadium	51-2	440	453	440	444	1.73	cps
Yttrium	89-1	6528273	6525127	6330280	6461227	1.76	cps
Yttrium	89-2	188329	189457	190186	189324	0.49	cps
Zinc	66-2	126759	125599	125474	125944	0.56	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5215-07	Instrumnet Name :	P8
Client Sample ID :	PLAY-PALS-A	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 18:18:34	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1559	1383	1233	1392	11.69	cps
Zirconium	91-1	275	342	367	328	14.46	cps

LB Number : LB98428 Operator : Jaswal
 Lab Sample ID : J5215-09 Instrumnet Name : P8
 Client Sample ID : 1ST-FLOOR-WATER-FO Dilution Factor : 1
 Date & Time Acquired :: 2018-10-06 18:21:56 DataFile Name : 051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	298	203	223	241	20.79	cps
Antimony	121-1	2850	2984	2792	2875	3.42	cps
Arsenic	75-2	28	31	28	29	7.36	cps
Barium	135-1	85333	84041	83631	84335	1.05	cps
Barium	137-1	149039	144793	144490	146107	1.74	cps
Beryllium	9-1	311	228	283	274	15.48	cps
Bismuth	209-1	5419979	5329857	5254981	5334939	1.55	cps
Bismuth	209-2	1387440	1361547	1333928	1360972	1.97	cps
Boron	10-1	11246	10471	10880	10866	3.57	cps
Boron	11-1	51443	52722	53568	52578	2.03	cps
Cadmium	111-1	1411	1307	1397	1372	4.12	cps
Cadmium	106-1	1392	1275	1283	1317	4.94	cps
Cadmium	108-1	25	75	50	50	50.00	cps
Calcium	43-1	585950	582279	582119	583449	0.37	cps
Calcium	44-1	9575409	9491072	9436315	9500932	0.74	cps
Chromium	52-2	707	650	577	644	10.11	cps
Cobalt	59-2	133	167	150	150	11.11	cps
Copper	63-2	1405878	1402593	1393405	1400625	0.46	cps
Dysprosium	156-1	8	25	33	22	57.29	cps
Dysprosium	156-2	23	30	20	24	20.83	cps
Erbium	164-1	25	50	33	36	35.25	cps
Erbium	164-2	10	3	10	8	49.52	cps
Gadolinium	160-1	58	58	67	61	7.87	cps
Gadolinium	160-2	20	7	10	12	56.76	cps
Holmium	165-1	7881841	7806782	7764448	7817690	0.76	cps
Holmium	165-2	1715010	1666348	1682066	1687808	1.47	cps
Indium	115-1	6251963	6190974	6118270	6187069	1.08	cps
Indium	115-2	255475	251501	253182	253386	0.79	cps
Iron	56-2	19915	19275	19531	19574	1.65	cps
Iron	57-2	561	467	550	526	9.82	cps
Krypton	83-1	373	363	313	350	9.19	cps
Lead	206-1	6563	6469	7036	6689	4.54	cps
Lead	207-1	5401	5346	5307	5351	0.89	cps
Lead	208-1	25894	24916	25911	25574	2.23	cps
Lithium	6-1	1582613	1563495	1519445	1555184	2.08	cps
Magnesium	24-2	241873	235967	238146	238662	1.25	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5215-09	Instrumnet Name :	P8
Client Sample ID :	1ST-FLOOR-WATER-FO	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 18:21:56	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1163	1313	1240	1239	6.05	cps
Molybdenum	94-1	1867	1817	1784	1822	2.30	cps
Molybdenum	95-1	2350	2767	2542	2553	8.17	cps
Molybdenum	96-1	2709	2509	2617	2611	3.83	cps
Molybdenum	97-1	1717	1617	1675	1670	3.01	cps
Molybdenum	98-1	3842	4043	3592	3826	5.90	cps
Neodymium	150-1	60	13	27	33	72.11	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	1667	1557	1697	1640	4.49	cps
Phosphorus	31-2	167	200	217	194	13.09	cps
Potassium	39-2	57945	57149	58163	57752	0.92	cps
Rhodium	103-1	5800783	5763753	5695886	5753474	0.92	cps
Rhodium	103-2	1535712	1514983	1493041	1514579	1.41	cps
Scandium	45-1	3676602	3668043	3621103	3655249	0.82	cps
Scandium	45-2	26298	25510	26211	26007	1.66	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	2	2	2	2	0.00	cps
Selenium	82-1	44	53	101	66	46.93	cps
Silicon	28-1	21176096	21025445	20972996	21058179	0.50	cps
Silver	109-1	175	217	183	192	11.50	cps
Silver	107-1	267	175	258	233	21.72	cps
Sodium	23-2	2231801	2198852	2219939	2216864	0.75	cps
Strontium	86-1	328991	325549	327641	327394	0.53	cps
Strontium	88-1	2934871	2898724	2884396	2905997	0.90	cps
Sulfur	34-1	884495	884582	880687	883255	0.25	cps
Terbium	159-1	8171057	8047116	7906250	8041474	1.65	cps
Terbium	159-2	1652605	1596221	1606086	1618304	1.86	cps
Thallium	203-1	850	867	1025	914	10.57	cps
Thallium	205-1	2109	2267	2175	2184	3.64	cps
Tin	118-1	4518	4409	3901	4276	7.70	cps
Titanium	47-1	475	417	533	475	12.28	cps
Uranium	238-1	1425	1217	1150	1264	11.35	cps
Vanadium	51-2	447	507	527	493	8.44	cps
Yttrium	89-1	6564532	6466919	6447147	6492866	0.97	cps
Yttrium	89-2	190126	184798	187290	187405	1.42	cps
Zinc	66-2	95640	96140	96919	96233	0.67	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5215-09	Instrumnet Name :	P8
Client Sample ID :	1ST-FLOOR-WATER-FO	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 18:21:56	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1250	1292	1292	1278	1.88	cps
Zirconium	91-1	308	225	250	261	16.38	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5215-11	Instrumnet Name :	P8
Client Sample ID :	2ND-FLOOR-WATER-FC	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 18:25:18	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	198	195	178	190	5.73	cps
Antimony	121-1	2500	2834	2475	2603	7.69	cps
Arsenic	75-2	30	26	43	33	26.74	cps
Barium	135-1	74729	73832	72072	73544	1.84	cps
Barium	137-1	126938	126701	125372	126337	0.67	cps
Beryllium	9-1	228	333	256	272	20.10	cps
Bismuth	209-1	5495726	5306980	5075131	5292612	3.98	cps
Bismuth	209-2	1375482	1409375	1415847	1400235	1.55	cps
Boron	10-1	9795	9312	9845	9651	3.05	cps
Boron	11-1	47755	47379	48449	47861	1.13	cps
Cadmium	111-1	1300	1089	1087	1159	10.57	cps
Cadmium	106-1	1300	1058	1133	1164	10.63	cps
Cadmium	108-1	50	63	63	58	12.37	cps
Calcium	43-1	523613	522372	518754	521580	0.48	cps
Calcium	44-1	8544778	8442814	8392299	8459964	0.92	cps
Chromium	52-2	803	723	830	786	7.07	cps
Cobalt	59-2	90	140	173	134	31.20	cps
Copper	63-2	1385638	1385475	1378416	1383176	0.30	cps
Dysprosium	156-1	25	50	92	56	60.62	cps
Dysprosium	156-2	3	10	17	10	66.70	cps
Erbium	164-1	25	42	33	33	25.01	cps
Erbium	164-2	7	23	7	12	78.69	cps
Gadolinium	160-1	83	58	67	69	18.33	cps
Gadolinium	160-2	10	10	17	12	31.50	cps
Holmium	165-1	7885761	7659958	7401592	7649104	3.17	cps
Holmium	165-2	1687210	1708828	1708044	1701361	0.72	cps
Indium	115-1	6281405	6077064	5843606	6067358	3.61	cps
Indium	115-2	256969	259539	256377	257628	0.65	cps
Iron	56-2	24005	23821	23704	23843	0.64	cps
Iron	57-2	589	511	606	569	8.87	cps
Krypton	83-1	327	390	407	374	11.27	cps
Lead	206-1	23823	23806	24341	23990	1.27	cps
Lead	207-1	19621	19415	20077	19705	1.72	cps
Lead	208-1	93102	92535	93413	93017	0.48	cps
Lithium	6-1	1562376	1541047	1453249	1518891	3.81	cps
Magnesium	24-2	208167	211398	209302	209623	0.78	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5215-11	Instrumnet Name :	P8
Client Sample ID :	2ND-FLOOR-WATER-FC	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 18:25:18	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1037	1017	943	999	4.92	cps
Molybdenum	94-1	1909	1884	1950	1914	1.76	cps
Molybdenum	95-1	2559	2550	2534	2548	0.50	cps
Molybdenum	96-1	3226	2767	3067	3020	7.71	cps
Molybdenum	97-1	1675	1442	1400	1506	9.85	cps
Molybdenum	98-1	4084	4067	3901	4017	2.52	cps
Neodymium	150-1	27	33	20	27	24.99	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	1360	1180	1240	1260	7.27	cps
Phosphorus	31-2	225	133	217	192	26.45	cps
Potassium	39-2	55811	57041	56933	56595	1.20	cps
Rhodium	103-1	5833923	5725544	5560973	5706813	2.41	cps
Rhodium	103-2	1545807	1537833	1511178	1531606	1.18	cps
Scandium	45-1	3701456	3635869	3450941	3596089	3.61	cps
Scandium	45-2	26495	27200	26906	26867	1.32	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	0	0	0	0	0.00	cps
Selenium	82-1	93	-13	-10	23	262.74	cps
Silicon	28-1	18165672	18071397	17969372	18068814	0.54	cps
Silver	109-1	133	200	150	161	21.53	cps
Silver	107-1	158	225	175	186	18.64	cps
Sodium	23-2	2092895	2097485	2092849	2094410	0.13	cps
Strontium	86-1	291028	289568	288717	289771	0.40	cps
Strontium	88-1	2555474	2571660	2550821	2559318	0.43	cps
Sulfur	34-1	893425	890459	891563	891816	0.17	cps
Terbium	159-1	8136225	7921913	7547578	7868572	3.79	cps
Terbium	159-2	1636433	1654379	1640370	1643727	0.57	cps
Thallium	203-1	808	692	867	789	11.30	cps
Thallium	205-1	2009	1834	1625	1822	10.53	cps
Tin	118-1	2150	2459	3295	2635	22.48	cps
Titanium	47-1	333	508	508	450	22.45	cps
Uranium	238-1	1017	1158	1117	1097	6.64	cps
Vanadium	51-2	593	593	667	618	6.85	cps
Yttrium	89-1	6585373	6441344	6075316	6367345	4.13	cps
Yttrium	89-2	189051	189972	190370	189797	0.36	cps
Zinc	66-2	109928	110425	108870	109741	0.72	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5215-11	Instrumnet Name :	P8
Client Sample ID :	2ND-FLOOR-WATER-FC	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 18:25:18	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1117	967	833	972	14.58	cps
Zirconium	91-1	167	267	175	203	27.36	cps

LB Number : LB98428 Operator : Jaswal
 Lab Sample ID : J5215-13 Instrumnet Name : P8
 Client Sample ID : ROOM-201A-A-SINK-A Dilution Factor : 1
 Date & Time Acquired :: 2018-10-06 18:28:40 DataFile Name : 053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	213	235	203	217	7.68	cps
Antimony	121-1	4426	4559	4493	4493	1.48	cps
Arsenic	75-2	31	24	28	28	13.34	cps
Barium	135-1	87900	86801	85685	86795	1.28	cps
Barium	137-1	153034	149401	152343	151592	1.27	cps
Beryllium	9-1	211	283	267	254	14.90	cps
Bismuth	209-1	5266100	5387193	5328856	5327383	1.14	cps
Bismuth	209-2	1401627	1396853	1396506	1398329	0.20	cps
Boron	10-1	10779	11005	10980	10921	1.13	cps
Boron	11-1	51936	52622	53517	52692	1.50	cps
Cadmium	111-1	993	1049	1075	1039	4.06	cps
Cadmium	106-1	1308	1450	1408	1389	5.24	cps
Cadmium	108-1	117	142	75	111	30.31	cps
Calcium	43-1	631709	619751	615330	622263	1.36	cps
Calcium	44-1	10235461	9955611	9913374	10034815	1.74	cps
Chromium	52-2	540	457	563	520	10.78	cps
Cobalt	59-2	293	280	273	282	3.61	cps
Copper	63-2	622792	624964	624860	624205	0.20	cps
Dysprosium	156-1	42	58	42	47	20.38	cps
Dysprosium	156-2	13	10	3	9	57.30	cps
Erbium	164-1	50	92	100	81	33.25	cps
Erbium	164-2	3	10	7	7	50.03	cps
Gadolinium	160-1	75	92	100	89	14.33	cps
Gadolinium	160-2	20	3	10	11	75.52	cps
Holmium	165-1	7689119	7813162	7774024	7758768	0.82	cps
Holmium	165-2	1713008	1704726	1737084	1718272	0.98	cps
Indium	115-1	6116026	6143981	6120382	6126797	0.25	cps
Indium	115-2	258842	255173	257095	257037	0.71	cps
Iron	56-2	51523	51222	50291	51012	1.26	cps
Iron	57-2	1172	1317	1400	1296	8.89	cps
Krypton	83-1	363	310	280	318	13.28	cps
Lead	206-1	75680	74920	74177	74926	1.00	cps
Lead	207-1	63503	62783	62336	62874	0.94	cps
Lead	208-1	296322	292402	290339	293021	1.04	cps
Lithium	6-1	1514956	1581702	1551393	1549351	2.16	cps
Magnesium	24-2	245164	243619	243297	244027	0.41	cps

LB Number : LB98428 Operator : Jaswal
 Lab Sample ID : J5215-13 Instrumnet Name : P8
 Client Sample ID : ROOM-201A-A-SINK-A Dilution Factor : 1
 Date & Time Acquired :: 2018-10-06 18:28:40 DataFile Name : 053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3050	2994	3294	3113	5.12	cps
Molybdenum	94-1	1850	1742	1817	1803	3.08	cps
Molybdenum	95-1	2634	2759	2300	2564	9.24	cps
Molybdenum	96-1	2759	2584	3000	2781	7.53	cps
Molybdenum	97-1	1517	1659	1575	1584	4.50	cps
Molybdenum	98-1	4051	4143	3834	4009	3.95	cps
Neodymium	150-1	20	33	27	27	24.99	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	3867	3831	3804	3834	0.83	cps
Phosphorus	31-2	200	200	192	197	2.44	cps
Potassium	39-2	55627	55694	54573	55298	1.14	cps
Rhodium	103-1	5693656	5812026	5751837	5752506	1.03	cps
Rhodium	103-2	1555243	1531986	1510049	1532426	1.47	cps
Scandium	45-1	3596026	3689204	3644488	3643239	1.28	cps
Scandium	45-2	26682	26986	26836	26835	0.57	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	0	2	2	1	86.60	cps
Selenium	82-1	35	83	136	85	59.44	cps
Silicon	28-1	21790500	21537204	21449139	21592281	0.82	cps
Silver	109-1	142	192	142	158	18.23	cps
Silver	107-1	275	242	200	239	15.73	cps
Sodium	23-2	2323307	2298031	2295713	2305684	0.66	cps
Strontium	86-1	356176	356643	350683	354501	0.93	cps
Strontium	88-1	3164250	3122362	3089541	3125384	1.20	cps
Sulfur	34-1	964002	946540	945335	951959	1.10	cps
Terbium	159-1	7933538	8059948	7995862	7996449	0.79	cps
Terbium	159-2	1669096	1635787	1609135	1638006	1.83	cps
Thallium	203-1	742	750	533	675	18.19	cps
Thallium	205-1	1692	1709	1759	1720	2.02	cps
Tin	118-1	1859	1817	1775	1817	2.29	cps
Titanium	47-1	467	442	508	472	7.13	cps
Uranium	238-1	1625	1575	1909	1703	10.56	cps
Vanadium	51-2	403	323	347	358	11.50	cps
Yttrium	89-1	6378043	6438748	6485433	6434075	0.84	cps
Yttrium	89-2	191712	190686	188587	190329	0.84	cps
Zinc	66-2	295713	295124	294841	295226	0.15	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5215-13	Instrumnet Name :	P8
Client Sample ID :	ROOM-201A-A-SINK-A	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 18:28:40	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	983	1058	1083	1042	5.00	cps
Zirconium	91-1	242	183	208	211	13.86	cps

LB Number : LB98428 Operator : Jaswal
 Lab Sample ID : J5215-15 Instrumnet Name : P8
 Client Sample ID : ROOM-201A-A-SINK-B Dilution Factor : 1
 Date & Time Acquired :: 2018-10-06 18:32:02 DataFile Name : 054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	255	255	213	241	10.19	cps
Antimony	121-1	2284	2242	2117	2214	3.92	cps
Arsenic	75-2	24	28	31	28	13.34	cps
Barium	135-1	89049	89318	88520	88962	0.46	cps
Barium	137-1	157384	154418	150920	154241	2.10	cps
Beryllium	9-1	300	194	261	252	21.20	cps
Bismuth	209-1	5342057	5293070	5279753	5304960	0.62	cps
Bismuth	209-2	1425620	1404553	1362091	1397421	2.32	cps
Boron	10-1	11480	10863	11463	11269	3.12	cps
Boron	11-1	55534	54622	55609	55255	0.99	cps
Cadmium	111-1	1092	1081	1198	1124	5.73	cps
Cadmium	106-1	1308	1242	1408	1320	6.36	cps
Cadmium	108-1	46	67	67	60	20.15	cps
Calcium	43-1	644892	643344	631653	639963	1.13	cps
Calcium	44-1	10480836	10306987	10312257	10366693	0.95	cps
Chromium	52-2	487	483	550	507	7.41	cps
Cobalt	59-2	130	137	127	131	3.88	cps
Copper	63-2	407620	409218	409294	408710	0.23	cps
Dysprosium	156-1	42	50	42	44	10.82	cps
Dysprosium	156-2	7	13	3	8	65.47	cps
Erbium	164-1	83	75	25	61	51.63	cps
Erbium	164-2	13	7	3	8	65.47	cps
Gadolinium	160-1	58	42	117	72	54.53	cps
Gadolinium	160-2	17	10	3	10	66.70	cps
Holmium	165-1	7860728	7753269	7674506	7762834	1.20	cps
Holmium	165-2	1710029	1696639	1656650	1687773	1.65	cps
Indium	115-1	6182417	6142986	6109291	6144898	0.60	cps
Indium	115-2	259116	256689	250885	255563	1.65	cps
Iron	56-2	43178	42944	42237	42787	1.15	cps
Iron	57-2	1128	1006	1067	1067	5.73	cps
Krypton	83-1	380	393	353	376	5.42	cps
Lead	206-1	14709	14848	15037	14865	1.11	cps
Lead	207-1	12267	12117	11811	12065	1.93	cps
Lead	208-1	57325	56344	56717	56795	0.87	cps
Lithium	6-1	1567123	1548317	1546822	1554087	0.73	cps
Magnesium	24-2	247371	246516	245950	246613	0.29	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5215-15	Instrumnet Name :	P8
Client Sample ID :	ROOM-201A-A-SINK-B	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 18:32:02	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1313	1303	1223	1280	3.85	cps
Molybdenum	94-1	1984	2125	2234	2114	5.93	cps
Molybdenum	95-1	3109	2842	2992	2981	4.48	cps
Molybdenum	96-1	3242	3084	3451	3259	5.64	cps
Molybdenum	97-1	2050	1934	1742	1909	8.16	cps
Molybdenum	98-1	4409	4343	4393	4381	0.79	cps
Neodymium	150-1	20	47	13	27	66.16	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	2590	2470	2474	2511	2.72	cps
Phosphorus	31-2	225	183	192	200	11.02	cps
Potassium	39-2	55394	55301	56255	55650	0.95	cps
Rhodium	103-1	5791013	5739385	5728552	5752983	0.58	cps
Rhodium	103-2	1554442	1523550	1482267	1520086	2.38	cps
Scandium	45-1	3639563	3650182	3606269	3632005	0.63	cps
Scandium	45-2	26949	26151	26549	26550	1.50	cps
Selenium	77-2	7	3	0	3	100.05	cps
Selenium	78-2	0	0	2	1	173.21	cps
Selenium	82-1	30	10	78	39	88.02	cps
Silicon	28-1	21908696	21651965	21514725	21691795	0.92	cps
Silver	109-1	175	325	250	250	30.00	cps
Silver	107-1	358	417	442	406	10.54	cps
Sodium	23-2	2371911	2344613	2333941	2350155	0.83	cps
Strontium	86-1	370781	366509	365673	367654	0.75	cps
Strontium	88-1	3270053	3216253	3251181	3245829	0.84	cps
Sulfur	34-1	986224	977402	976755	980127	0.54	cps
Terbium	159-1	8127229	8027584	8024625	8059813	0.72	cps
Terbium	159-2	1669108	1627324	1614937	1637123	1.73	cps
Thallium	203-1	667	600	583	617	7.15	cps
Thallium	205-1	1317	1283	1433	1345	5.86	cps
Tin	118-1	1625	1892	1625	1714	8.98	cps
Titanium	47-1	600	492	467	519	13.64	cps
Uranium	238-1	1734	1975	2067	1925	8.95	cps
Vanadium	51-2	377	343	313	344	9.20	cps
Yttrium	89-1	6490086	6401201	6473479	6454922	0.73	cps
Yttrium	89-2	190245	187640	185251	187712	1.33	cps
Zinc	66-2	150018	148245	148451	148905	0.65	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5215-15	Instrumnet Name :	P8
Client Sample ID :	ROOM-201A-A-SINK-B	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 18:32:02	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1108	1200	1100	1136	4.88	cps
Zirconium	91-1	217	175	208	200	11.02	cps

LB Number : LB98428 Operator : Jaswal
 Lab Sample ID : J5215-17 Instrumnet Name : P8
 Client Sample ID : ROOM-201A-BATHROOI Dilution Factor : 1
 Date & Time Acquired :: 2018-10-06 18:35:24 DataFile Name : 055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	270	273	295	279	4.93	cps
Antimony	121-1	1900	1950	2092	1981	5.02	cps
Arsenic	75-2	26	35	35	32	16.65	cps
Barium	135-1	92019	93243	90391	91884	1.56	cps
Barium	137-1	161642	160033	157461	159712	1.32	cps
Beryllium	9-1	206	233	261	233	11.91	cps
Bismuth	209-1	5315284	5248259	5269693	5277745	0.65	cps
Bismuth	209-2	1359676	1379180	1382191	1373682	0.89	cps
Boron	10-1	10196	10888	11563	10882	6.28	cps
Boron	11-1	52489	52120	53175	52595	1.02	cps
Cadmium	111-1	1003	923	845	924	8.55	cps
Cadmium	106-1	1392	1250	1158	1267	9.28	cps
Cadmium	108-1	13	8	17	13	33.36	cps
Calcium	43-1	654731	654906	652480	654039	0.21	cps
Calcium	44-1	10606811	10679134	10541334	10609093	0.65	cps
Chromium	52-2	663	583	630	626	6.42	cps
Cobalt	59-2	93	127	113	111	15.10	cps
Copper	63-2	113018	113216	111953	112729	0.60	cps
Dysprosium	156-1	17	67	67	50	57.73	cps
Dysprosium	156-2	13	10	13	12	15.73	cps
Erbium	164-1	75	100	42	72	40.52	cps
Erbium	164-2	10	17	23	17	39.99	cps
Gadolinium	160-1	100	92	42	78	40.56	cps
Gadolinium	160-2	17	23	33	24	34.31	cps
Holmium	165-1	7828219	7747387	7635163	7736923	1.25	cps
Holmium	165-2	1670073	1686077	1678328	1678160	0.48	cps
Indium	115-1	6088157	6104882	6052965	6082001	0.44	cps
Indium	115-2	246116	250911	250469	249165	1.06	cps
Iron	56-2	85873	85415	84186	85158	1.02	cps
Iron	57-2	2111	2156	2250	2172	3.27	cps
Krypton	83-1	360	357	360	359	0.54	cps
Lead	206-1	5062	5273	4779	5038	4.93	cps
Lead	207-1	4240	4262	4029	4177	3.08	cps
Lead	208-1	19223	19684	18867	19258	2.13	cps
Lithium	6-1	1548142	1515504	1506472	1523373	1.44	cps
Magnesium	24-2	245706	250018	247473	247732	0.87	cps

LB Number : LB98428 Operator : Jaswal
 Lab Sample ID : J5215-17 Instrumnet Name : P8
 Client Sample ID : ROOM-201A-BATHROOI Dilution Factor : 1
 Date & Time Acquired :: 2018-10-06 18:35:24 DataFile Name : 055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1237	1283	1447	1322	8.34	cps
Molybdenum	94-1	2142	1909	1859	1970	7.68	cps
Molybdenum	95-1	2634	2342	2642	2539	6.73	cps
Molybdenum	96-1	2842	2817	3025	2895	3.93	cps
Molybdenum	97-1	1492	1800	1692	1661	9.42	cps
Molybdenum	98-1	4459	4001	4451	4304	6.10	cps
Neodymium	150-1	40	33	47	40	16.66	cps
Neodymium	150-2	0	17	0	6	173.21	cps
Nickel	60-2	667	720	520	636	16.30	cps
Phosphorus	31-2	300	317	283	300	5.55	cps
Potassium	39-2	52248	49923	50876	51015	2.29	cps
Rhodium	103-1	5788762	5674536	5673548	5712282	1.16	cps
Rhodium	103-2	1462792	1489169	1495582	1482514	1.17	cps
Scandium	45-1	3623523	3639691	3591640	3618285	0.68	cps
Scandium	45-2	25353	26669	26512	26178	2.75	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	4	0	2	2	100.00	cps
Selenium	82-1	25	53	51	43	36.17	cps
Silicon	28-1	23526708	23145881	23042716	23238435	1.10	cps
Silver	109-1	242	117	133	164	41.41	cps
Silver	107-1	200	142	183	175	17.17	cps
Sodium	23-2	2314498	2283110	2261720	2286442	1.16	cps
Strontium	86-1	383723	385363	380375	383154	0.66	cps
Strontium	88-1	3394069	3428487	3361747	3394767	0.98	cps
Sulfur	34-1	955311	951651	944672	950545	0.57	cps
Terbium	159-1	8022092	8044616	7876151	7980953	1.15	cps
Terbium	159-2	1571667	1613947	1627020	1604212	1.80	cps
Thallium	203-1	592	442	550	528	14.67	cps
Thallium	205-1	1225	1208	1358	1264	6.51	cps
Tin	118-1	1592	1642	1725	1653	4.08	cps
Titanium	47-1	608	500	508	539	11.19	cps
Uranium	238-1	1634	1300	1525	1486	11.44	cps
Vanadium	51-2	327	347	447	373	17.22	cps
Yttrium	89-1	6383895	6485992	6347596	6405828	1.12	cps
Yttrium	89-2	184133	185792	185730	185218	0.51	cps
Zinc	66-2	2667	2774	2724	2721	1.96	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5215-17	Instrumnet Name :	P8
Client Sample ID :	ROOM-201A-BATHROOI	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 18:35:24	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	875	850	925	883	4.32	cps
Zirconium	91-1	267	258	258	261	1.84	cps

LB Number : LB98428 Operator : Jaswal
 Lab Sample ID : J5215-19 Instrumnet Name : P8
 Client Sample ID : GYM-AREA-WATER-FOI Dilution Factor : 1
 Date & Time Acquired :: 2018-10-06 18:38:46 DataFile Name : 056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	253	320	223	265	18.84	cps
Antimony	121-1	1692	1650	1734	1692	2.46	cps
Arsenic	75-2	24	13	17	18	31.60	cps
Barium	135-1	89384	88554	87489	88476	1.07	cps
Barium	137-1	152772	154383	153759	153638	0.53	cps
Beryllium	9-1	178	222	144	181	21.50	cps
Bismuth	209-1	5344092	5288871	5069247	5234070	2.78	cps
Bismuth	209-2	1359566	1367820	1370469	1365952	0.42	cps
Boron	10-1	10429	10896	11005	10777	2.84	cps
Boron	11-1	51552	52982	53684	52739	2.06	cps
Cadmium	111-1	776	888	795	820	7.28	cps
Cadmium	106-1	1092	1275	1125	1164	8.39	cps
Cadmium	108-1	13	13	13	13	0.00	cps
Calcium	43-1	635997	630089	630526	632204	0.52	cps
Calcium	44-1	10484350	10229771	10224835	10312985	1.44	cps
Chromium	52-2	537	427	460	474	11.89	cps
Cobalt	59-2	103	113	90	102	11.45	cps
Copper	63-2	224476	224368	224669	224504	0.07	cps
Dysprosium	156-1	58	42	42	47	20.38	cps
Dysprosium	156-2	17	10	7	11	45.82	cps
Erbium	164-1	142	50	67	86	56.71	cps
Erbium	164-2	23	3	17	14	70.51	cps
Gadolinium	160-1	67	67	125	86	39.11	cps
Gadolinium	160-2	7	13	27	16	65.47	cps
Holmium	165-1	7817354	7725289	7324551	7622398	3.44	cps
Holmium	165-2	1677960	1659208	1651276	1662814	0.82	cps
Indium	115-1	6163895	6081546	5869396	6038279	2.52	cps
Indium	115-2	248010	248774	252018	249601	0.85	cps
Iron	56-2	67016	65593	64209	65606	2.14	cps
Iron	57-2	1656	1772	1483	1637	8.88	cps
Krypton	83-1	410	320	410	380	13.67	cps
Lead	206-1	1850	1822	1834	1835	0.76	cps
Lead	207-1	1617	1567	1633	1606	2.16	cps
Lead	208-1	7290	7296	6851	7145	3.57	cps
Lithium	6-1	1540715	1524264	1450880	1505286	3.18	cps
Magnesium	24-2	241967	237951	237772	239230	0.99	cps

LB Number : LB98428 Operator : Jaswal
 Lab Sample ID : J5215-19 Instrumnet Name : P8
 Client Sample ID : GYM-AREA-WATER-FOI Dilution Factor : 1
 Date & Time Acquired :: 2018-10-06 18:38:46 DataFile Name : 056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1070	1290	1243	1201	9.65	cps
Molybdenum	94-1	1834	1692	1792	1772	4.11	cps
Molybdenum	95-1	2534	2609	2734	2625	3.85	cps
Molybdenum	96-1	3176	2625	2825	2875	9.68	cps
Molybdenum	97-1	1642	1600	1517	1586	4.01	cps
Molybdenum	98-1	4393	4142	4159	4231	3.30	cps
Neodymium	150-1	60	20	27	36	60.27	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	447	530	467	481	9.04	cps
Phosphorus	31-2	200	225	225	217	6.66	cps
Potassium	39-2	50166	49137	48777	49360	1.46	cps
Rhodium	103-1	5700766	5645656	5362557	5569660	3.26	cps
Rhodium	103-2	1497671	1480509	1478973	1485718	0.70	cps
Scandium	45-1	3652183	3567033	3416493	3545236	3.37	cps
Scandium	45-2	25620	25897	25841	25786	0.57	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	4	2	2	2	43.30	cps
Selenium	82-1	-30	107	-40	13	651.70	cps
Silicon	28-1	22655418	22306539	22271592	22411183	0.95	cps
Silver	109-1	142	175	117	144	20.26	cps
Silver	107-1	175	217	267	219	20.91	cps
Sodium	23-2	2211244	2242216	2202609	2218690	0.94	cps
Strontium	86-1	376878	374486	375961	375775	0.32	cps
Strontium	88-1	3332240	3300008	3277901	3303383	0.83	cps
Sulfur	34-1	939830	929112	925383	931442	0.81	cps
Terbium	159-1	8009858	7909487	7490907	7803417	3.53	cps
Terbium	159-2	1599201	1604800	1609218	1604406	0.31	cps
Thallium	203-1	567	408	542	506	16.84	cps
Thallium	205-1	1075	1242	1058	1125	9.01	cps
Tin	118-1	1458	1567	1458	1495	4.19	cps
Titanium	47-1	525	467	608	533	13.35	cps
Uranium	238-1	1642	1459	1458	1520	6.97	cps
Vanadium	51-2	383	320	423	376	13.87	cps
Yttrium	89-1	6457262	6405225	6098683	6320390	3.07	cps
Yttrium	89-2	184081	184419	184482	184328	0.12	cps
Zinc	66-2	1930	1864	1843	1879	2.42	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5215-19	Instrumnet Name :	P8
Client Sample ID :	GYM-AREA-WATER-FOI	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 18:38:46	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	825	817	900	847	5.42	cps
Zirconium	91-1	133	225	167	175	26.51	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5215-21	Instrumnet Name :	P8
Client Sample ID :	GYM-AREA-SINK-A-A	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 18:42:08	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	220	220	243	228	5.71	cps
Antimony	121-1	1892	1709	1842	1814	5.22	cps
Arsenic	75-2	11	13	28	17	52.87	cps
Barium	135-1	93598	91583	91113	92098	1.43	cps
Barium	137-1	160588	159305	159392	159762	0.45	cps
Beryllium	9-1	183	233	239	219	14.00	cps
Bismuth	209-1	5290011	5261843	5300537	5284130	0.38	cps
Bismuth	209-2	1263941	1359852	1346751	1323515	3.93	cps
Boron	10-1	11705	11764	11747	11739	0.26	cps
Boron	11-1	55199	54454	56545	55399	1.91	cps
Cadmium	111-1	1041	923	783	916	14.06	cps
Cadmium	106-1	1433	1267	1108	1270	12.80	cps
Cadmium	108-1	13	8	25	15	56.79	cps
Calcium	43-1	660273	664432	662702	662469	0.32	cps
Calcium	44-1	10842950	10759384	10737139	10779824	0.52	cps
Chromium	52-2	607	580	523	570	7.47	cps
Cobalt	59-2	127	157	157	147	11.81	cps
Copper	63-2	570632	567099	564124	567285	0.57	cps
Dysprosium	156-1	33	17	50	33	50.00	cps
Dysprosium	156-2	7	10	10	9	21.63	cps
Erbium	164-1	58	0	50	36	87.37	cps
Erbium	164-2	7	7	10	8	24.71	cps
Gadolinium	160-1	125	67	42	78	54.98	cps
Gadolinium	160-2	13	17	13	14	13.35	cps
Holmium	165-1	7708867	7643341	7661594	7671267	0.44	cps
Holmium	165-2	1556891	1681407	1639748	1626015	3.90	cps
Indium	115-1	6116671	5995273	5995628	6035857	1.16	cps
Indium	115-2	234717	251500	245165	243794	3.48	cps
Iron	56-2	42131	42120	42298	42183	0.24	cps
Iron	57-2	956	1122	1045	1041	8.01	cps
Krypton	83-1	347	373	317	346	8.20	cps
Lead	206-1	6869	7113	6947	6976	1.79	cps
Lead	207-1	6118	6129	6191	6146	0.63	cps
Lead	208-1	28425	27896	28246	28189	0.95	cps
Lithium	6-1	1534746	1520303	1509489	1521513	0.83	cps
Magnesium	24-2	248216	247632	245964	247271	0.47	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5215-21	Instrumnet Name :	P8
Client Sample ID :	GYM-AREA-SINK-A-A	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 18:42:08	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1453	1377	1287	1372	6.08	cps
Molybdenum	94-1	2100	2159	1817	2025	9.03	cps
Molybdenum	95-1	3176	3050	3209	3145	2.65	cps
Molybdenum	96-1	3384	3317	3459	3387	2.09	cps
Molybdenum	97-1	2134	2209	1909	2084	7.49	cps
Molybdenum	98-1	5001	4909	4868	4926	1.39	cps
Neodymium	150-1	47	20	20	29	53.30	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	927	873	850	883	4.45	cps
Phosphorus	31-2	217	250	225	231	7.53	cps
Potassium	39-2	50768	51261	50618	50882	0.66	cps
Rhodium	103-1	5720927	5602179	5568566	5630557	1.42	cps
Rhodium	103-2	1389914	1490450	1460190	1446851	3.56	cps
Scandium	45-1	3598796	3533098	3545427	3559107	0.98	cps
Scandium	45-2	24121	25386	25223	24910	2.76	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	0	2	2	1	86.60	cps
Selenium	82-1	71	33	60	54	35.76	cps
Silicon	28-1	22743299	22543178	22527978	22604819	0.53	cps
Silver	109-1	358	250	408	339	23.88	cps
Silver	107-1	342	342	358	347	2.77	cps
Sodium	23-2	2283420	2268021	2270460	2273967	0.36	cps
Strontium	86-1	393173	387629	384645	388482	1.11	cps
Strontium	88-1	3410784	3424314	3403554	3412884	0.31	cps
Sulfur	34-1	982142	974922	968737	975267	0.69	cps
Terbium	159-1	7987271	7866139	7827515	7893642	1.06	cps
Terbium	159-2	1494766	1600083	1562031	1552293	3.44	cps
Thallium	203-1	525	525	467	506	6.66	cps
Thallium	205-1	1108	1108	1200	1139	4.65	cps
Tin	118-1	1508	1875	1709	1697	10.82	cps
Titanium	47-1	550	450	433	478	13.21	cps
Uranium	238-1	1617	1634	1542	1597	3.06	cps
Vanadium	51-2	433	310	347	363	17.43	cps
Yttrium	89-1	6451221	6340196	6308730	6366716	1.18	cps
Yttrium	89-2	173707	185293	181041	180014	3.26	cps
Zinc	66-2	9146	9460	9110	9239	2.08	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5215-21	Instrumnet Name :	P8
Client Sample ID :	GYM-AREA-SINK-A-A	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 18:42:08	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	875	1050	650	858	23.36	cps
Zirconium	91-1	258	133	183	192	32.83	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5215-23	Instrumnet Name :	P8
Client Sample ID :	GYM-AREA-SINK-B-A	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 18:45:30	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	233	265	280	259	9.37	cps
Antimony	121-1	2025	1992	1917	1978	2.81	cps
Arsenic	75-2	19	20	11	17	29.40	cps
Barium	135-1	87245	87261	89166	87891	1.26	cps
Barium	137-1	154207	152797	153719	153574	0.47	cps
Beryllium	9-1	222	206	128	185	27.22	cps
Bismuth	209-1	5314621	5304491	5352326	5323812	0.47	cps
Bismuth	209-2	1376153	1293805	1353512	1341157	3.17	cps
Boron	10-1	10896	11005	11272	11057	1.75	cps
Boron	11-1	51711	53685	53660	53019	2.14	cps
Cadmium	111-1	814	855	901	857	5.06	cps
Cadmium	106-1	1067	1092	1175	1111	5.10	cps
Cadmium	108-1	17	13	25	18	35.25	cps
Calcium	43-1	639265	630901	630835	633667	0.77	cps
Calcium	44-1	10439593	10308358	10178528	10308826	1.27	cps
Chromium	52-2	583	453	500	512	12.86	cps
Cobalt	59-2	293	237	203	244	18.61	cps
Copper	63-2	423135	425408	419092	422545	0.76	cps
Dysprosium	156-1	25	0	42	22	94.38	cps
Dysprosium	156-2	17	10	10	12	31.50	cps
Erbium	164-1	25	58	58	47	40.76	cps
Erbium	164-2	7	3	3	4	43.40	cps
Gadolinium	160-1	67	67	83	72	13.33	cps
Gadolinium	160-2	7	10	17	11	45.82	cps
Holmium	165-1	7647598	7691708	7640492	7659933	0.36	cps
Holmium	165-2	1677895	1590040	1642783	1636906	2.70	cps
Indium	115-1	6071539	6025163	6033407	6043369	0.41	cps
Indium	115-2	250855	241226	247033	246372	1.97	cps
Iron	56-2	43947	44148	44644	44246	0.81	cps
Iron	57-2	1206	1056	1017	1093	9.13	cps
Krypton	83-1	380	380	390	383	1.51	cps
Lead	206-1	16673	16133	16428	16411	1.65	cps
Lead	207-1	13652	13902	13452	13669	1.65	cps
Lead	208-1	63229	62288	62550	62689	0.77	cps
Lithium	6-1	1518613	1502024	1514971	1511869	0.58	cps
Magnesium	24-2	241917	236536	238867	239107	1.13	cps

LB Number : LB98428 Operator : Jaswal
 Lab Sample ID : J5215-23 Instrumnet Name : P8
 Client Sample ID : GYM-AREA-SINK-B-A Dilution Factor : 1
 Date & Time Acquired :: 2018-10-06 18:45:30 DataFile Name : 058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1757	1803	1563	1708	7.45	cps
Molybdenum	94-1	2142	1975	1817	1978	8.22	cps
Molybdenum	95-1	2417	2592	3009	2673	11.38	cps
Molybdenum	96-1	2942	3509	3175	3209	8.88	cps
Molybdenum	97-1	1684	1892	1809	1795	5.84	cps
Molybdenum	98-1	3934	4468	4418	4273	6.90	cps
Neodymium	150-1	13	20	53	29	74.20	cps
Neodymium	150-2	0	0	10	3	173.21	cps
Nickel	60-2	1297	1147	1050	1165	10.67	cps
Phosphorus	31-2	183	292	208	228	24.91	cps
Potassium	39-2	51528	51144	51303	51325	0.38	cps
Rhodium	103-1	5745274	5641733	5630806	5672605	1.11	cps
Rhodium	103-2	1485632	1422326	1468187	1458715	2.24	cps
Scandium	45-1	3585313	3561193	3556277	3567594	0.44	cps
Scandium	45-2	26308	24321	25510	25380	3.94	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	0	2	0	1	173.21	cps
Selenium	82-1	35	-18	-2	5	575.88	cps
Silicon	28-1	21983525	21693360	21582408	21753098	0.95	cps
Silver	109-1	167	200	225	197	14.84	cps
Silver	107-1	242	233	225	233	3.57	cps
Sodium	23-2	2249608	2269112	2235149	2251290	0.76	cps
Strontium	86-1	371184	366447	365794	367808	0.80	cps
Strontium	88-1	3285660	3248045	3253178	3262294	0.63	cps
Sulfur	34-1	976700	966497	969041	970746	0.55	cps
Terbium	159-1	7979909	7880553	7835742	7898735	0.93	cps
Terbium	159-2	1613159	1520596	1560715	1564823	2.97	cps
Thallium	203-1	550	467	558	525	9.66	cps
Thallium	205-1	1017	908	992	972	5.83	cps
Tin	118-1	1634	1425	1567	1542	6.90	cps
Titanium	47-1	567	525	483	525	7.94	cps
Uranium	238-1	1158	1292	1200	1217	5.61	cps
Vanadium	51-2	333	327	347	336	3.03	cps
Yttrium	89-1	6428143	6360218	6315061	6367807	0.89	cps
Yttrium	89-2	184405	175282	182706	180798	2.68	cps
Zinc	66-2	21403	20512	20819	20912	2.17	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5215-23	Instrumnet Name :	P8
Client Sample ID :	GYM-AREA-SINK-B-A	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 18:45:30	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	717	758	750	742	2.97	cps
Zirconium	91-1	192	150	150	164	14.68	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5215-25	Instrumnet Name :	P8
Client Sample ID :	FB-A-10-02-2018(BNS)	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 18:48:53	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	148	185	158	163	11.89	cps
Antimony	121-1	408	392	350	383	7.84	cps
Arsenic	75-2	2	7	2	4	86.68	cps
Barium	135-1	325	467	333	375	21.20	cps
Barium	137-1	675	608	683	656	6.27	cps
Beryllium	9-1	233	250	194	226	12.62	cps
Bismuth	209-1	5234361	5299688	5301316	5278455	0.72	cps
Bismuth	209-2	1391868	1385218	1372213	1383100	0.72	cps
Boron	10-1	2000	2009	2009	2006	0.24	cps
Boron	11-1	10688	10696	9837	10407	4.74	cps
Cadmium	111-1	714	899	921	845	13.49	cps
Cadmium	106-1	1008	1267	1317	1197	13.82	cps
Cadmium	108-1	13	0	13	8	86.60	cps
Calcium	43-1	1975	1859	2009	1947	4.04	cps
Calcium	44-1	36933	37744	36431	37036	1.79	cps
Chromium	52-2	557	567	550	558	1.50	cps
Cobalt	59-2	40	50	43	44	11.46	cps
Copper	63-2	660	503	527	563	15.00	cps
Dysprosium	156-1	17	8	33	19	65.48	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	50	25	50	42	34.64	cps
Erbium	164-2	13	10	0	8	89.21	cps
Gadolinium	160-1	33	50	67	50	33.33	cps
Gadolinium	160-2	3	0	17	7	132.33	cps
Holmium	165-1	7519287	7654347	7513243	7562292	1.05	cps
Holmium	165-2	1661831	1648830	1670658	1660440	0.66	cps
Indium	115-1	6012408	6121607	6015542	6049852	1.03	cps
Indium	115-2	253476	251675	251704	252285	0.41	cps
Iron	56-2	2339	2311	2267	2306	1.58	cps
Iron	57-2	67	83	44	65	30.10	cps
Krypton	83-1	387	290	303	327	16.04	cps
Lead	206-1	767	878	800	815	7.00	cps
Lead	207-1	794	644	683	707	11.00	cps
Lead	208-1	3289	3095	3184	3189	3.05	cps
Lithium	6-1	1509437	1531475	1485787	1508900	1.51	cps
Magnesium	24-2	642	675	717	678	5.54	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5215-25	Instrumnet Name :	P8
Client Sample ID :	FB-A-10-02-2018(BNS)	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 18:48:53	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	73	143	97	104	34.13	cps
Molybdenum	94-1	233	275	350	286	20.66	cps
Molybdenum	95-1	158	142	117	139	15.10	cps
Molybdenum	96-1	150	233	217	200	22.05	cps
Molybdenum	97-1	100	75	117	97	21.57	cps
Molybdenum	98-1	275	183	142	200	34.11	cps
Neodymium	150-1	27	13	27	22	34.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	323	360	340	341	5.38	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	2592	2500	2225	2439	7.83	cps
Rhodium	103-1	5645446	5818662	5647139	5703749	1.74	cps
Rhodium	103-2	1505598	1523326	1497740	1508888	0.87	cps
Scandium	45-1	3500206	3519178	3496957	3505447	0.34	cps
Scandium	45-2	25824	26271	26449	26181	1.23	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	2	2	0.00	cps
Selenium	82-1	-40	87	58	35	189.12	cps
Silicon	28-1	181496	179049	178974	179840	0.80	cps
Silver	109-1	108	42	142	97	52.37	cps
Silver	107-1	100	150	150	133	21.65	cps
Sodium	23-2	9045	9245	9770	9353	4.01	cps
Strontium	86-1	1492	1392	1559	1481	5.67	cps
Strontium	88-1	8561	8528	8762	8617	1.47	cps
Sulfur	34-1	342969	346105	348995	346023	0.87	cps
Terbium	159-1	7788462	7943859	7773066	7835129	1.21	cps
Terbium	159-2	1582399	1584416	1590085	1585633	0.25	cps
Thallium	203-1	475	425	408	436	7.96	cps
Thallium	205-1	983	825	950	920	9.08	cps
Tin	118-1	1433	1684	1675	1597	8.89	cps
Titanium	47-1	183	83	192	153	39.46	cps
Uranium	238-1	42	33	75	50	44.10	cps
Vanadium	51-2	17	13	17	16	12.40	cps
Yttrium	89-1	6256723	6361077	6252478	6290093	0.98	cps
Yttrium	89-2	185444	185065	184187	184898	0.35	cps
Zinc	66-2	1250	1387	1297	1311	5.30	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	J5215-25	Instrumnet Name :	P8
Client Sample ID :	FB-A-10-02-2018(BNS)	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 18:48:53	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	500	417	433	450	9.80	cps
Zirconium	91-1	167	133	83	128	32.83	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	CCV85	Instrumnet Name :	P8
Client Sample ID :	CCV85	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 18:52:17	DataFile Name :	060CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	339889	339906	346044	341946	1.04	cps
Antimony	121-1	4626973	4631723	4673087	4643927	0.55	cps
Arsenic	75-2	50118	50834	51141	50698	1.03	cps
Barium	135-1	4965622	4951499	4974287	4963803	0.23	cps
Barium	137-1	8486746	8513400	8533821	8511322	0.28	cps
Beryllium	9-1	742214	743056	748978	744749	0.49	cps
Bismuth	209-1	4594897	4547841	4445670	4529469	1.68	cps
Bismuth	209-2	1169300	1174801	1139923	1161341	1.61	cps
Boron	10-1	85019	86795	88087	86634	1.78	cps
Boron	11-1	410538	416941	427839	418440	2.09	cps
Cadmium	111-1	1010881	1008243	1007836	1008986	0.16	cps
Cadmium	106-1	107921	107468	108165	107851	0.33	cps
Cadmium	108-1	73582	72783	72373	72913	0.84	cps
Calcium	43-1	5136265	5137166	5150453	5141295	0.15	cps
Calcium	44-1	82643266	82203621	82922750	82589879	0.44	cps
Chromium	52-2	422049	423351	427738	424379	0.70	cps
Cobalt	59-2	881705	878370	884041	881372	0.32	cps
Copper	63-2	1468723	1469178	1483749	1473883	0.58	cps
Dysprosium	156-1	83	117	83	94	20.37	cps
Dysprosium	156-2	0	0	13	4	173.21	cps
Erbium	164-1	42	33	42	39	12.38	cps
Erbium	164-2	7	3	7	6	34.70	cps
Gadolinium	160-1	75	108	58	81	31.60	cps
Gadolinium	160-2	3	7	10	7	50.03	cps
Holmium	165-1	6872966	6812130	6779535	6821544	0.70	cps
Holmium	165-2	1492454	1480803	1433083	1468780	2.14	cps
Indium	115-1	5169979	5186477	5064964	5140473	1.28	cps
Indium	115-2	216285	214845	209684	213605	1.62	cps
Iron	56-2	68736389	68712643	69177833	68875622	0.38	cps
Iron	57-2	1753680	1767465	1768614	1763253	0.47	cps
Krypton	83-1	350	340	410	367	10.33	cps
Lead	206-1	3187571	3145063	3193093	3175242	0.83	cps
Lead	207-1	2923061	2883321	2882940	2896441	0.80	cps
Lead	208-1	13022350	12900183	13017795	12980110	0.53	cps
Lithium	6-1	1317188	1325451	1297174	1313271	1.11	cps
Magnesium	24-2	7322889	7355267	7427020	7368392	0.72	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	CCV85	Instrumnet Name :	P8
Client Sample ID :	CCV85	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 18:52:17	DataFile Name :	060CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	235563	235413	239087	236688	0.88	cps
Molybdenum	94-1	7858316	7819960	7872763	7850347	0.35	cps
Molybdenum	95-1	9742246	9747956	9789744	9759982	0.27	cps
Molybdenum	96-1	10966279	11016406	10981472	10988052	0.23	cps
Molybdenum	97-1	6201279	6193269	6194901	6196483	0.07	cps
Molybdenum	98-1	15738646	15644315	15454433	15612465	0.93	cps
Neodymium	150-1	233	207	180	207	12.90	cps
Neodymium	150-2	3	7	20	10	88.20	cps
Nickel	60-2	262847	262251	266126	263741	0.79	cps
Phosphorus	31-2	4167	4368	4243	4259	2.37	cps
Potassium	39-2	1893303	1894674	1941944	1909974	1.45	cps
Rhodium	103-1	4792815	4802007	4738242	4777688	0.72	cps
Rhodium	103-2	1268497	1272696	1232329	1257841	1.76	cps
Scandium	45-1	3172407	3177374	3157889	3169223	0.32	cps
Scandium	45-2	23677	23430	22886	23331	1.73	cps
Selenium	77-2	327	340	320	329	3.10	cps
Selenium	78-2	1167	1246	1202	1205	3.31	cps
Selenium	82-1	62720	62747	62823	62763	0.08	cps
Silicon	28-1	2192083	2181382	2212239	2195235	0.71	cps
Silver	109-1	4678525	4662298	4639681	4660168	0.42	cps
Silver	107-1	4918642	4839082	4811871	4856532	1.14	cps
Sodium	23-2	16523402	16503633	16840638	16622558	1.14	cps
Strontium	86-1	1222748	1229197	1228589	1226845	0.29	cps
Strontium	88-1	10608533	10719417	10583620	10637190	0.68	cps
Sulfur	34-1	649199	645523	652917	649213	0.57	cps
Terbium	159-1	7066845	7030774	7029364	7042328	0.30	cps
Terbium	159-2	1422287	1421531	1376300	1406706	1.87	cps
Thallium	203-1	3993779	3941121	3951162	3962021	0.71	cps
Thallium	205-1	9402851	9323547	9273397	9333265	0.70	cps
Tin	118-1	3210252	3196765	3226183	3211066	0.46	cps
Titanium	47-1	2575348	2591139	2596814	2587767	0.43	cps
Uranium	238-1	12917842	12837709	12986447	12913999	0.58	cps
Vanadium	51-2	303187	303866	307054	304702	0.68	cps
Yttrium	89-1	5610087	5650430	5572429	5610982	0.70	cps
Yttrium	89-2	164631	167128	160751	164170	1.96	cps
Zinc	66-2	141089	142459	143061	142203	0.71	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	CCV85	Instrumnet Name :	P8
Client Sample ID :	CCV85	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 18:52:17	DataFile Name :	060CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6659221	6675023	6624713	6652986	0.39	cps
Zirconium	91-1	1501417	1505633	1506957	1504669	0.19	cps

LB Number : LB98428 Operator : Jaswal
 Lab Sample ID : CCB85 Instrumnet Name : P8
 Client Sample ID : CCB85 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-06 18:55:30 DataFile Name : 061CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10	25	43	26	62.97	cps
Antimony	121-1	10021	9437	9120	9526	4.80	cps
Arsenic	75-2	7	7	19	11	57.72	cps
Barium	135-1	192	242	158	197	21.27	cps
Barium	137-1	525	367	358	417	22.54	cps
Beryllium	9-1	533	489	483	502	5.46	cps
Bismuth	209-1	4819221	4629788	4867300	4772103	2.63	cps
Bismuth	209-2	1264115	1281204	1270481	1271933	0.68	cps
Boron	10-1	4001	3134	2984	3373	16.28	cps
Boron	11-1	16644	15342	14716	15567	6.32	cps
Cadmium	111-1	860	808	913	860	6.08	cps
Cadmium	106-1	1158	1050	1217	1142	7.41	cps
Cadmium	108-1	13	21	8	14	45.83	cps
Calcium	43-1	525	392	417	444	15.95	cps
Calcium	44-1	15526	14258	14316	14700	4.87	cps
Chromium	52-2	330	340	303	324	5.84	cps
Cobalt	59-2	53	87	53	64	29.87	cps
Copper	63-2	347	350	347	348	0.55	cps
Dysprosium	156-1	33	17	0	17	99.99	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	33	25	17	25	33.32	cps
Erbium	164-2	0	3	3	2	86.60	cps
Gadolinium	160-1	58	8	42	36	70.51	cps
Gadolinium	160-2	10	3	3	6	69.34	cps
Holmium	165-1	6919741	6591201	6906503	6805815	2.73	cps
Holmium	165-2	1501594	1504198	1502316	1502703	0.09	cps
Indium	115-1	5495651	5289520	5542278	5442483	2.47	cps
Indium	115-2	231151	232954	231538	231881	0.41	cps
Iron	56-2	3962	3439	3412	3604	8.60	cps
Iron	57-2	83	106	78	89	16.54	cps
Krypton	83-1	417	380	370	389	6.32	cps
Lead	206-1	917	761	694	791	14.42	cps
Lead	207-1	878	672	700	750	14.87	cps
Lead	208-1	3645	3161	3111	3306	8.91	cps
Lithium	6-1	1391255	1348320	1409010	1382862	2.26	cps
Magnesium	24-2	633	650	533	606	10.42	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	CCB85	Instrumnet Name :	P8
Client Sample ID :	CCB85	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 18:55:30	DataFile Name :	061CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	47	43	50	47	7.15	cps
Molybdenum	94-1	3226	2892	2625	2914	10.32	cps
Molybdenum	95-1	3942	3076	2667	3228	20.17	cps
Molybdenum	96-1	4076	3692	3226	3665	11.62	cps
Molybdenum	97-1	2384	1900	2050	2111	11.72	cps
Molybdenum	98-1	5860	5235	4793	5296	10.13	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	170	183	173	176	3.95	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	2634	2350	2559	2514	5.84	cps
Rhodium	103-1	5187174	4909292	5229958	5108808	3.41	cps
Rhodium	103-2	1384004	1385990	1387533	1385842	0.13	cps
Scandium	45-1	3203623	3099740	3230923	3178095	2.18	cps
Scandium	45-2	23480	23750	24004	23745	1.10	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	0	0	4	1	173.21	cps
Selenium	82-1	-28	57	53	28	173.98	cps
Silicon	28-1	194531	195058	192607	194065	0.66	cps
Silver	109-1	442	383	375	400	9.08	cps
Silver	107-1	425	417	525	456	13.23	cps
Sodium	23-2	9629	9554	9637	9606	0.48	cps
Strontium	86-1	725	533	708	656	16.20	cps
Strontium	88-1	642	508	525	558	13.01	cps
Sulfur	34-1	346445	343914	344126	344828	0.41	cps
Terbium	159-1	7129425	6864714	7177121	7057087	2.38	cps
Terbium	159-2	1447247	1442919	1453334	1447833	0.36	cps
Thallium	203-1	1859	1492	1600	1650	11.42	cps
Thallium	205-1	4218	3667	3442	3776	10.56	cps
Tin	118-1	2717	2417	2275	2470	9.13	cps
Titanium	47-1	242	308	200	250	21.86	cps
Uranium	238-1	900	458	583	647	35.18	cps
Vanadium	51-2	7	0	23	10	120.16	cps
Yttrium	89-1	5689326	5509597	5752068	5650330	2.23	cps
Yttrium	89-2	169000	170010	170898	169970	0.56	cps
Zinc	66-2	60	67	67	64	5.98	cps

LB Number :	LB98428	Operator :	Jaswal
Lab Sample ID :	CCB85	Instrumnet Name :	P8
Client Sample ID :	CCB85	Dilution Factor :	1
Date & Time Acquired ::	2018-10-06 18:55:30	DataFile Name :	061CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2409	2242	2300	2317	3.65	cps
Zirconium	91-1	567	558	467	531	10.46	cps