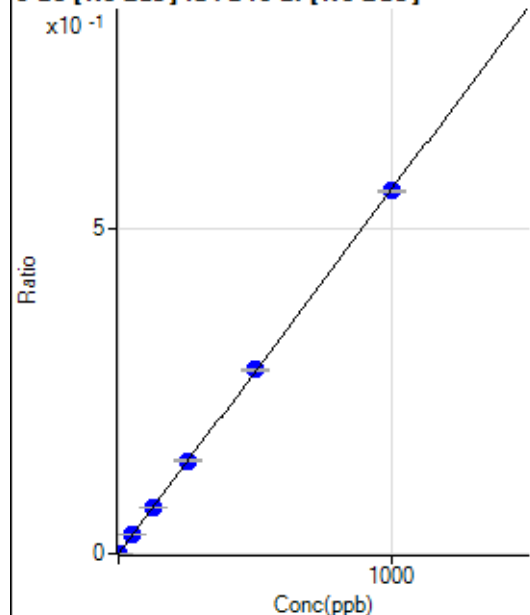


Batch Folder: D:\P8032318 -MS.b\
Analysis File: P8032318 -MS.batch.bin
DA Date-Time: 2018-03-26 10:48:30
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2018-03-23 16:10:04
2			
3	005CALS.d	S02	2018-03-23 16:17:38
4	006CALS.d	S03	2018-03-23 16:21:22
5	007CALS.d	S04	2018-03-23 16:25:06
6	008CALS.d	S05	2018-03-23 16:28:46
7	009CALS.d	S06	2018-03-23 16:32:21
8	010CALS.d	S07	2018-03-23 16:35:51
9	011CALS.d	S08	2018-03-23 16:39:18

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	105.56	0.0001	P	23.5
2	☐	0.100					
3	☐	1.000	0.900	711.15	0.0006	P	9.9
4	☐	50.000	51.869	34746.24	0.0292	P	1.3
5	☐	125.000	125.846	85124.69	0.0706	P	1.7
6	☐	250.000	254.469	167554.34	0.1428	P	2.0
7	☐	500.000	505.060	325668.65	0.2833	P	0.8
8	☐	1000.000	996.153	640055.92	0.5586	P	0.5
9	☐			564.84	0.0005	P	16.4

$$y = 5.6066\text{E-}004 * x + 8.8092\text{E-}005$$

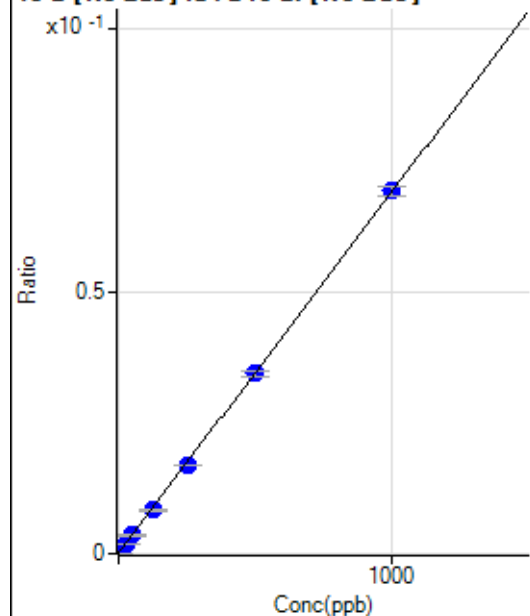
$$R = 1.0000$$

$$DL = 0.1108$$

$$BEC = 0.1571$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	144.45	0.0001	P	5.1
2	☐	2.500					
3	☐	25.000	23.610	2094.69	0.0017	P	2.9
4	☐	50.000	49.342	4186.92	0.0035	P	2.1
5	☐	125.000	119.138	10017.81	0.0083	P	4.3
6	☐	250.000	243.220	19781.06	0.0168	P	1.1
7	☐	500.000	498.218	39533.35	0.0344	P	2.9
8	☐	1000.000	1003.387	79213.12	0.0691	P	2.9
9	☐			3681.19	0.0031	P	9.8

$$y = 6.8782\text{E-}005 * x + 1.2035\text{E-}004$$

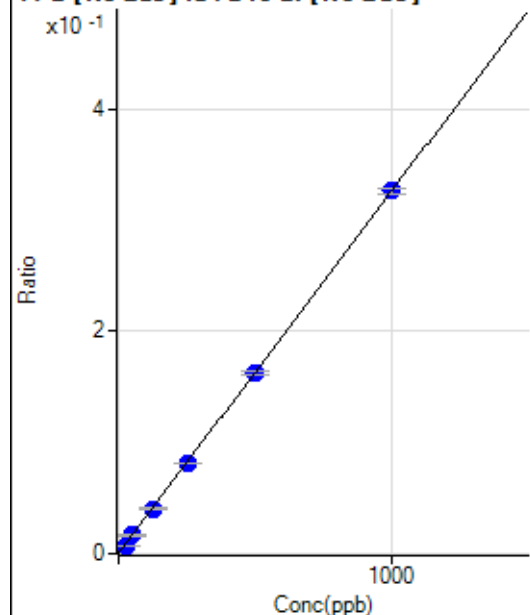
$$R = 1.0000$$

$$DL = 0.2665$$

$$BEC = 1.75$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	619.48	0.0005	P	8.1
2	☐	2.500					
3	☐	25.000	21.761	9119.96	0.0076	P	4.2
4	☐	50.000	49.070	19636.40	0.0165	P	2.2
5	☐	125.000	121.956	48438.51	0.0402	P	3.3
6	☐	250.000	247.702	95240.04	0.0811	P	0.8
7	☐	500.000	499.332	187425.42	0.1630	P	1.7
8	☐	1000.000	1001.417	374009.15	0.3264	P	1.8
9	☐			17096.92	0.0145	P	9.4

$$y = 3.2544\text{E-}004 * x + 5.1583\text{E-}004$$

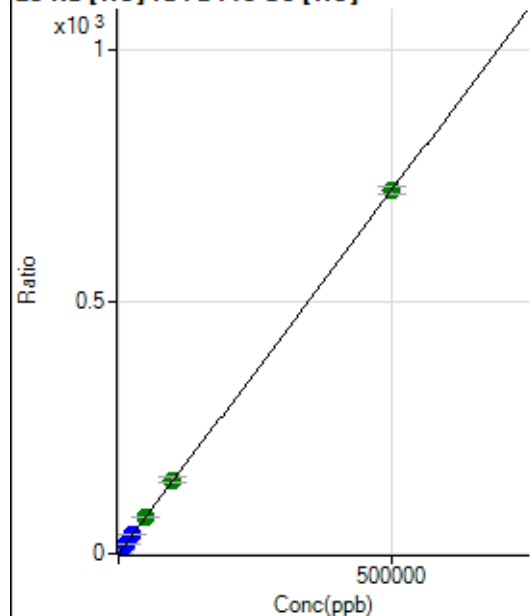
$$R = 1.0000$$

$$DL = 0.3868$$

$$BEC = 1.585$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2722.61	0.1012	P	0.4
2	☐	50.000					
3	☐	500.000	467.455	21052.53	0.7758	P	1.8
4	☐	5000.000	5110.949	200524.70	7.4765	P	4.5
5	☐	12500.000	12694.710	491337.61	18.4200	P	1.2
6	☐	25000.000	25327.067	963514.00	36.6488	P	1.5
7	☐	50000.000	50823.144	1914059.07	73.4403	A	1.5
8	☐	100000.00	101321.45	3713311.28	146.3106	A	6.4
9	☐	500000.00	499631.09	18956623.1	721.0815	A	2.3

$$y = 0.0014 * x + 0.1012$$

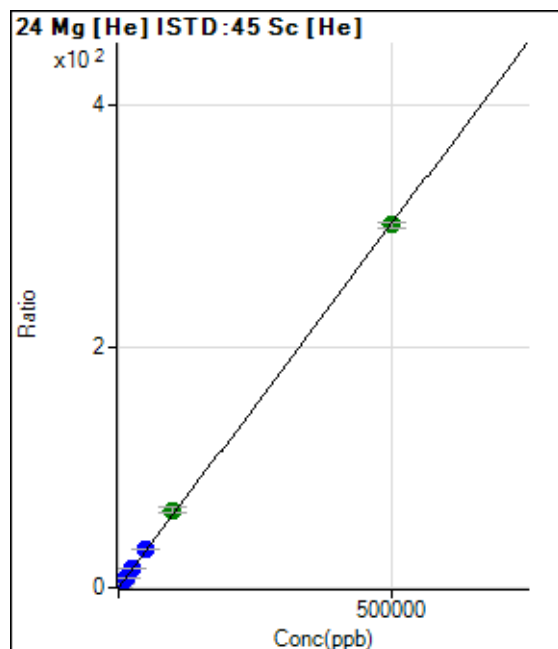
$$R = 1.0000$$

$$DL = 0.9433$$

$$BEC = 70.15$$

Weight: <None>

Min Conc: 0



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	130.56	0.0048	P	25.1
2	☐	50.000					
3	☐	500.000	473.703	7891.43	0.2908	P	1.7
4	☐	5000.000	5326.302	86361.95	3.2196	P	4.3
5	☐	12500.000	13250.859	213470.35	8.0026	P	0.3
6	☐	25000.000	26255.321	416720.05	15.8516	P	2.2
7	☐	50000.000	52235.595	821826.23	31.5323	P	1.5
8	☐	100000.00	106485.18	1631398.44	64.2754	A	6.3
9	☐	500000.00	498394.62	7909093.93	300.8175	A	1.5

$$y = 6.0356\text{E-}004 * x + 0.0048$$

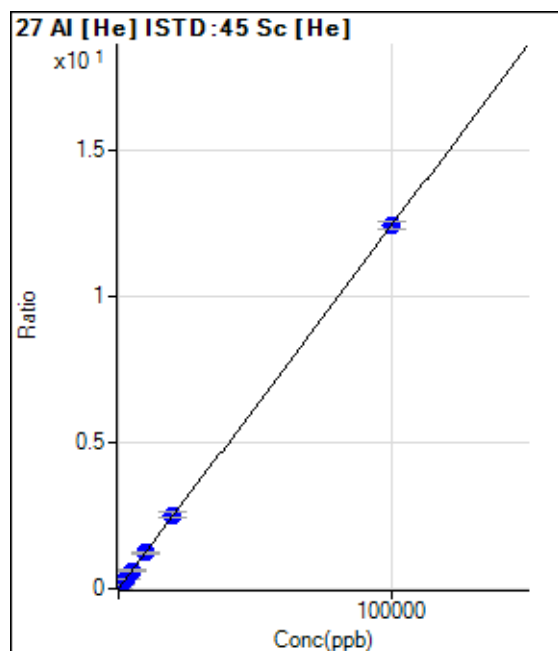
$$R = 0.9999$$

$$DL = 6.051$$

$$BEC = 8.031$$

Weight: <None>

Min Conc: 0



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2.78	0.0001	P	173.
2	☐	2.000					
3	☐	20.000	24.781	86.11	0.0032	P	23.1
4	☐	1000.000	997.548	3322.77	0.1238	P	5.5
5	☐	2500.000	2497.966	8269.43	0.3100	P	3.2
6	☐	5000.000	5024.461	16390.66	0.6234	P	3.1
7	☐	10000.000	9919.092	32067.83	1.2306	P	3.8
8	☐	20000.000	20288.114	63861.24	2.5168	P	7.1
9	☐	100000.00	99949.319	325951.56	12.3988	P	2.3

$$y = 1.2405\text{E-}004 * x + 1.0252\text{E-}004$$

$$R = 1.0000$$

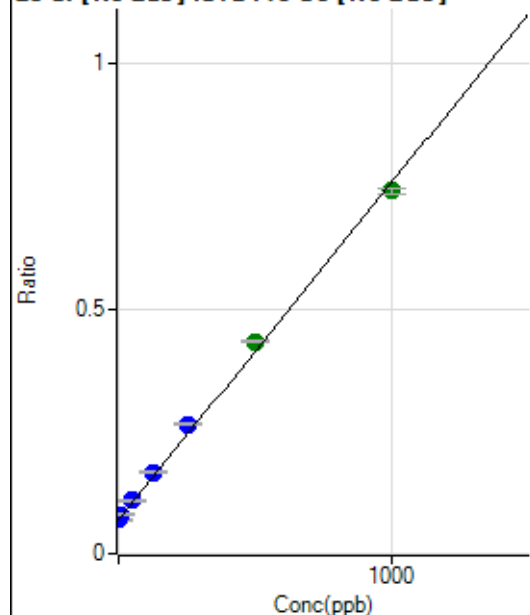
$$DL = 4.294$$

$$BEC = 0.8265$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	276078.94	0.0694	P	2.1
2	☐	1.000					
3	☐	10.000	15.397	316861.90	0.0800	P	1.9
4	☐	50.000	56.751	427639.16	0.1085	P	2.0
5	☐	125.000	139.599	654575.77	0.1655	P	2.0
6	☐	250.000	283.036	1028977.07	0.2643	P	1.5
7	☐	500.000	528.797	1665958.24	0.4335	A	1.2
8	☐	1000.000	975.126	2881470.81	0.7408	A	1.3
9	☐			444538.21	0.1125	P	1.7

$$y = 6.8855\text{E-}004 * x + 0.0694$$

$$R = 0.9988$$

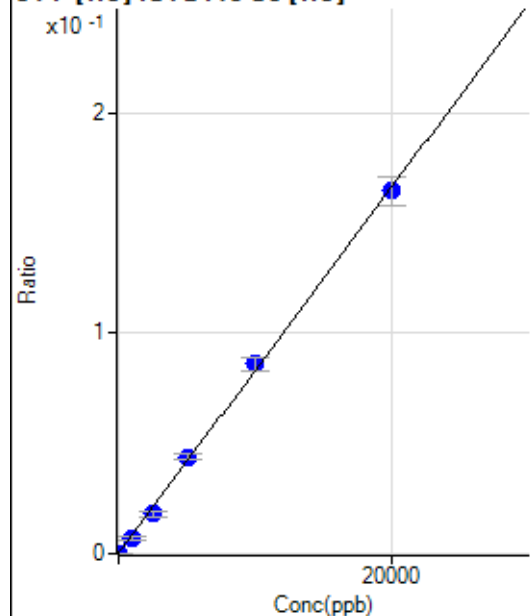
$$DL = 6.271$$

$$BEC = 100.8$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-18.471	0.00	0.0000	P	
2	☐	0.000					
3	☐	0.000	18.471	8.33	0.0003	P	0.7
4	☐	1000.000	820.553	186.12	0.0070	P	30.7
5	☐	2500.000	2163.310	483.37	0.0181	P	13.9
6	☐	5000.000	5284.182	1158.43	0.0441	P	6.5
7	☐	10000.000	10348.796	2244.73	0.0861	P	6.8
8	☐	20000.000	19805.615	4181.37	0.1647	P	8.0
9	☐			5.55	0.0002	P	86.6

$$y = 8.3089\text{E-}006 * x + 1.5348\text{E-}004$$

$$R = 0.9994$$

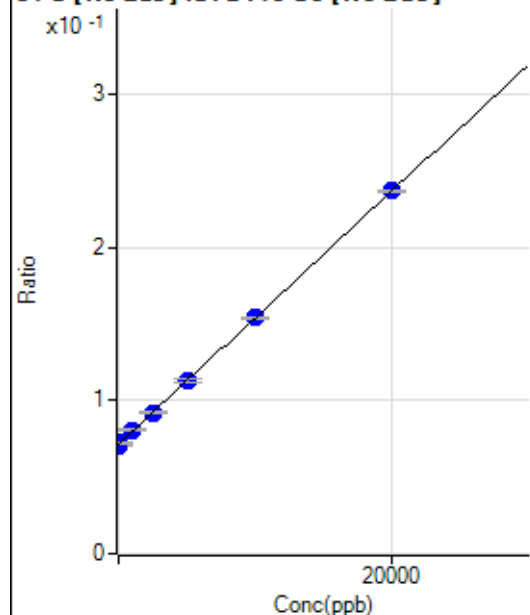
$$DL = 0.4038$$

$$BEC = 18.47$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-81.771	281964.53	0.0709	P	1.7
2	☐	0.000					
3	☐	0.000	81.771	286074.93	0.0722	P	1.3
4	☐	1000.000	1110.426	318231.90	0.0807	P	1.5
5	☐	2500.000	2492.920	364375.69	0.0921	P	1.4
6	☐	5000.000	5000.988	439332.45	0.1128	P	1.7
7	☐	10000.000	9962.220	591101.45	0.1538	P	0.6
8	☐	20000.000	20014.007	921088.62	0.2368	P	0.4
9	☐			253871.17	0.0642	P	1.4

$$y = 8.2570\text{E-}006 * x + 0.0715$$

$$R = 1.0000$$

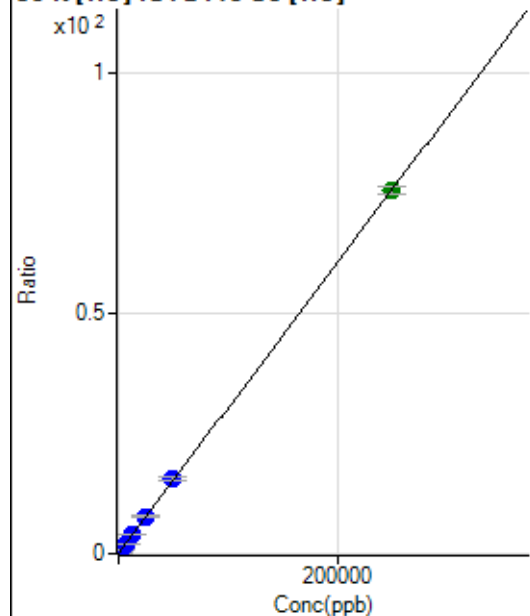
$$DL = 394.1$$

$$BEC = 8665$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1441.81	0.0536	P	10.0
2	☐	50.000					
3	☐	500.000	495.301	5517.99	0.2034	P	3.7
4	☐	2500.000	2682.593	23192.34	0.8646	P	3.9
5	☐	6250.000	6512.981	53948.75	2.0225	P	1.8
6	☐	12500.000	12820.263	103308.69	3.9293	P	1.2
7	☐	25000.000	25476.686	202130.64	7.7554	P	1.9
8	☐	50000.000	50996.188	392838.97	15.4701	P	5.0
9	☐	250000.00	249728.69	1986220.90	75.5484	A	2.1

$$y = 3.0231\text{E-}004 * x + 0.0536$$

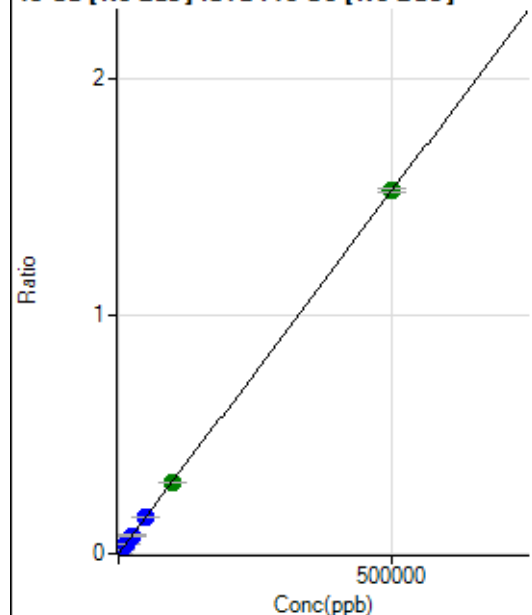
$$R = 1.0000$$

$$DL = 53.34$$

$$BEC = 177.4$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	486.14	0.0001	P	5.2
2	☐	50.000					
3	☐	500.000	457.068	6009.86	0.0015	P	4.4
4	☐	5000.000	5012.692	60824.26	0.0154	P	0.7
5	☐	12500.000	12600.612	152629.76	0.0386	P	1.5
6	☐	25000.000	25146.227	299405.57	0.0769	P	0.8
7	☐	50000.000	49866.724	585556.84	0.1524	P	0.8
8	☐	100000.00	98338.899	1168230.73	0.3003	A	1.7
9	☐	500000.00	500335.63	6038502.05	1.5276	A	1.0

$$y = 3.0530E-006 * x + 1.2222E-004$$

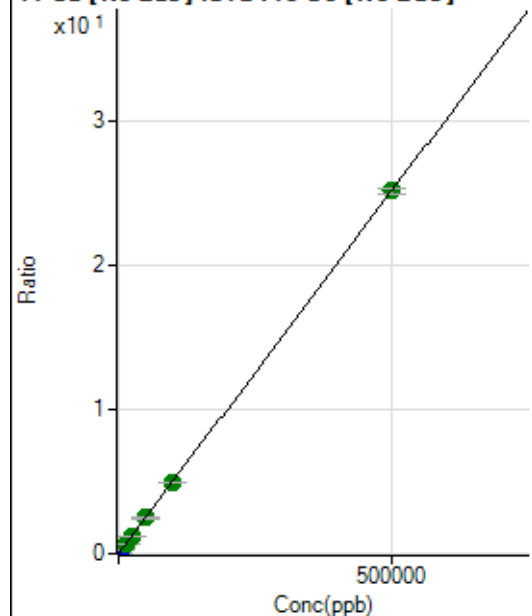
$$R = 1.0000$$

$$DL = 6.206$$

$$BEC = 40.03$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	7015.95	0.0018	P	4.7
2	☐	50.000					
3	☐	500.000	452.827	97037.13	0.0245	P	1.2
4	☐	5000.000	5023.651	1001380.94	0.2540	P	0.6
5	☐	12500.000	12610.892	2510849.25	0.6349	A	1.8
6	☐	25000.000	24924.351	4878693.47	1.2531	A	1.7
7	☐	50000.000	49309.531	9520334.93	2.4773	A	1.2
8	☐	100000.00	98209.613	19185076.8	4.9322	A	0.0
9	☐	500000.00	500427.94	99311652.2	25.1250	A	1.4

$$y = 5.0204E-005 * x + 0.0018$$

$$R = 1.0000$$

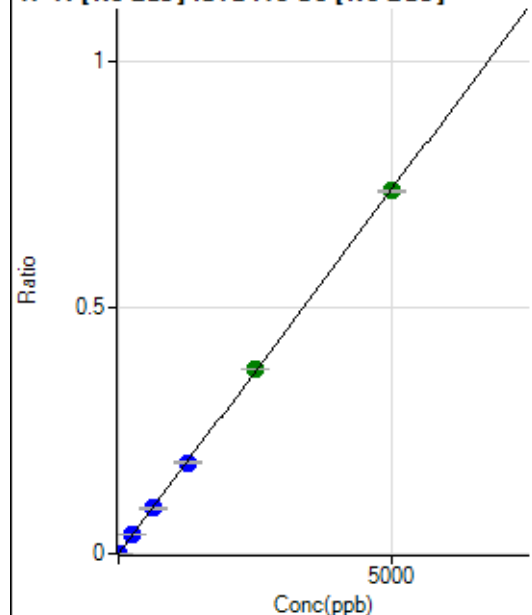
$$DL = 4.931$$

$$BEC = 35.13$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	86.12	0.0000	P	15.1
2	☐	0.500					
3	☐	5.000	4.849	2922.66	0.0007	P	11.2
4	☐	250.000	254.553	148367.11	0.0376	P	1.0
5	☐	625.000	621.798	363399.57	0.0919	P	2.0
6	☐	1250.000	1246.336	717021.65	0.1842	P	1.5
7	☐	2500.000	2540.348	1442538.48	0.3753	A	0.2
8	☐	5000.000	4980.915	2862494.90	0.7359	A	0.4
9	☐			927.85	0.0002	P	6.9

$$y = 1.4774\text{E-}004 * x + 2.1648\text{E-}005$$

$$R = 1.0000$$

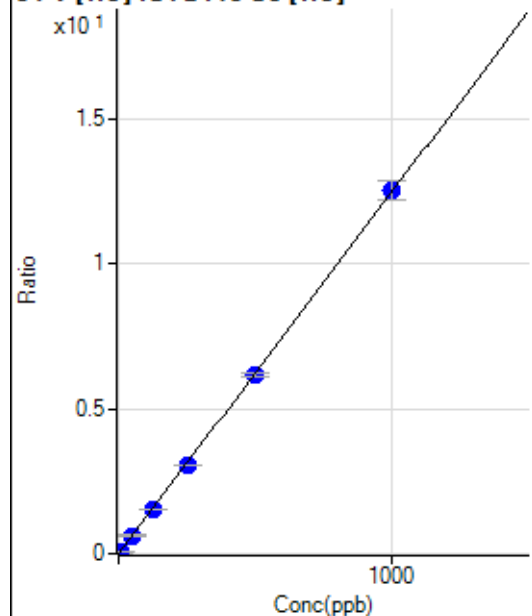
$$DL = 0.06653$$

$$BEC = 0.1465$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	5.55	0.0002	P	70.3
2	☐	0.500					
3	☐	5.000	4.204	1428.99	0.0527	P	6.5
4	☐	50.000	50.320	16852.53	0.6280	P	2.9
5	☐	125.000	122.719	40850.71	1.5313	P	0.6
6	☐	250.000	244.352	80160.89	3.0489	P	1.1
7	☐	500.000	495.317	161064.92	6.1802	P	2.3
8	☐	1000.000	1004.027	318076.17	12.5272	P	5.3
9	☐			157.78	0.0060	P	22.8

$$y = 0.0125 * x + 2.0728\text{E-}004$$

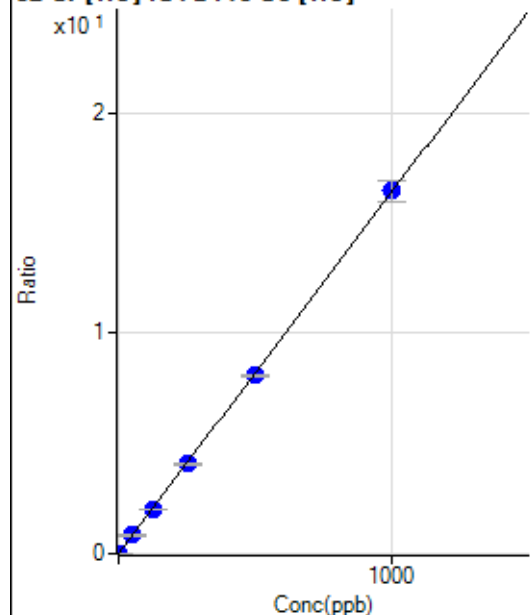
$$R = 1.0000$$

$$DL = 0.03502$$

$$BEC = 0.01661$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	114.45	0.0043	P	10.2
2	☐	0.200					
3	☐	2.000	1.849	937.83	0.0346	P	10.3
4	☐	50.000	50.520	22330.21	0.8326	P	4.9
5	☐	125.000	124.494	54566.03	2.0455	P	0.3
6	☐	250.000	248.433	107208.72	4.0777	P	1.0
7	☐	500.000	492.798	210700.37	8.0844	P	1.4
8	☐	1000.000	1004.030	418043.36	16.4668	P	5.7
9	☐			18397.86	0.7001	P	4.7

$$y = 0.0164 * x + 0.0043$$

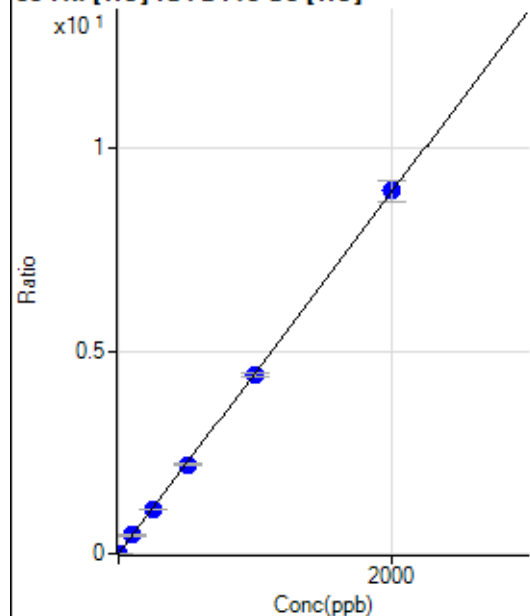
$$R = 1.0000$$

$$DL = 0.07957$$

$$BEC = 0.2596$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	5.56	0.0002	P	92.0
2	☐	0.100					
3	☐	1.000	0.972	123.34	0.0045	P	23.3
4	☐	100.000	101.266	12120.97	0.4521	P	6.7
5	☐	250.000	244.822	29146.13	1.0927	P	1.4
6	☐	500.000	493.269	57877.20	2.2013	P	0.9
7	☐	1000.000	990.236	115168.50	4.4189	P	1.3
8	☐	2000.000	2007.148	227373.06	8.9567	P	5.8
9	☐			1111.17	0.0422	P	4.5

$$y = 0.0045 * x + 2.0724E-004$$

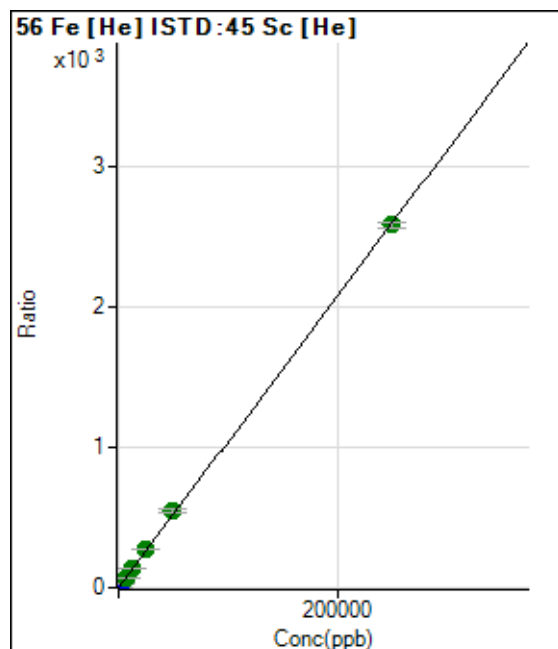
$$R = 1.0000$$

$$DL = 0.1282$$

$$BEC = 0.04644$$

Weight: <None>

Min Conc: 0



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	670.41	0.0249	P	8.5
2	☐	5.000					
3	☐	50.000	48.427	14315.06	0.5275	P	0.8
4	☐	2500.000	2643.225	736380.49	27.4563	P	4.7
5	☐	6250.000	6603.208	1828648.68	68.5530	A	0.5
6	☐	12500.000	13096.055	3573994.70	135.9357	A	1.9
7	☐	25000.000	26174.955	7080478.51	271.6684	A	1.1
8	☐	50000.000	52558.242	13847691.6	545.4740	A	5.7
9	☐	250000.00	249330.79	68029440.8	2,587.578	A	1.9

$$y = 0.0104 * x + 0.0249$$

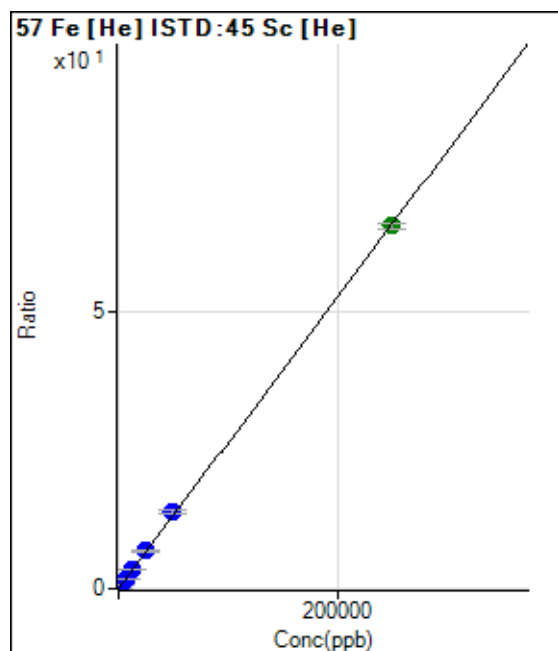
$$R = 0.9999$$

$$DL = 0.6146$$

$$BEC = 2.401$$

Weight: <None>

Min Conc: 0



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	12.96	0.0005	P	24.1
2	☐	5.000					
3	☐	50.000	42.725	318.53	0.0117	P	5.1
4	☐	2500.000	2655.125	18770.54	0.6998	P	4.4
5	☐	6250.000	6453.038	45355.91	1.7002	P	1.6
6	☐	12500.000	12906.611	89394.34	3.4001	P	1.0
7	☐	25000.000	25873.404	177633.94	6.8155	P	0.8
8	☐	50000.000	52502.387	351091.55	13.8295	P	5.7
9	☐	250000.00	249385.22	1727124.82	65.6881	A	1.5

$$y = 2.6340E-004 * x + 4.8151E-004$$

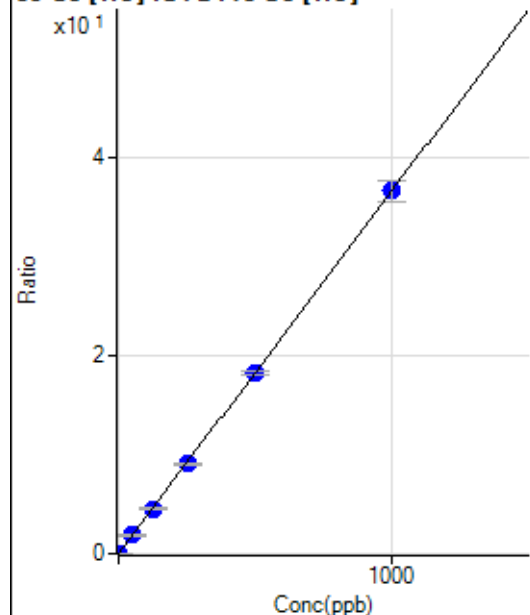
$$R = 0.9999$$

$$DL = 1.322$$

$$BEC = 1.828$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	38.89	0.0014	P	5.6
2	☐	0.100					
3	☐	1.000	0.903	936.72	0.0345	P	6.5
4	☐	50.000	50.922	50010.72	1.8653	P	5.9
5	☐	125.000	124.644	121735.82	4.5637	P	0.5
6	☐	250.000	247.683	238396.06	9.0671	P	0.9
7	☐	500.000	498.225	475311.62	18.2375	P	1.7
8	☐	1000.000	1001.465	930544.24	36.6571	P	5.9
9	☐			11481.56	0.4367	P	1.0

$$y = 0.0366 * x + 0.0014$$

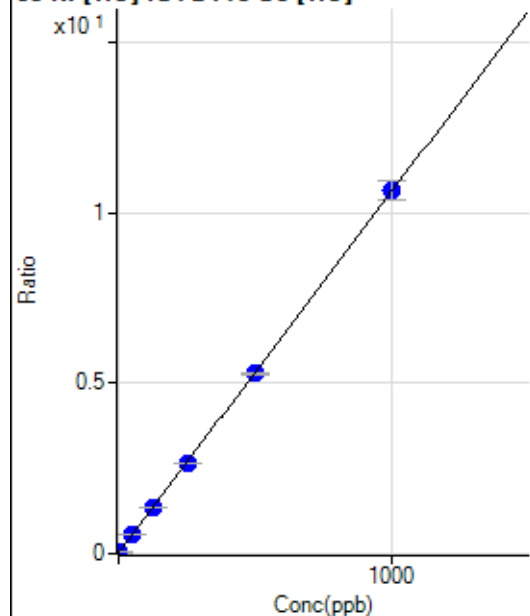
$$R = 1.0000$$

$$DL = 0.006594$$

$$BEC = 0.03951$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	606.69	0.0226	P	3.3
2	☐	0.100					
3	☐	1.000	1.121	934.49	0.0344	P	4.2
4	☐	50.000	51.777	15329.75	0.5717	P	5.5
5	☐	125.000	124.912	35942.06	1.3474	P	0.8
6	☐	250.000	249.282	70104.44	2.6664	P	1.1
7	☐	500.000	495.727	137616.19	5.2803	P	1.7
8	☐	1000.000	1002.238	270454.56	10.6523	P	5.4
9	☐			10488.54	0.3991	P	4.3

$$y = 0.0106 * x + 0.0226$$

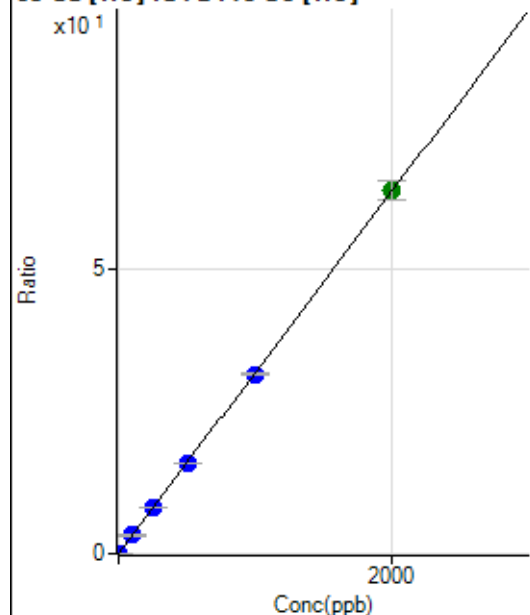
$$R = 1.0000$$

$$DL = 0.2093$$

$$BEC = 2.126$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	106.67	0.0040	P	13.2
2	☐	0.200					
3	☐	2.000	1.878	1730.13	0.0638	P	6.7
4	☐	100.000	102.024	87240.51	3.2525	P	4.2
5	☐	250.000	251.586	213794.68	8.0147	P	0.8
6	☐	500.000	497.204	416338.77	15.8354	P	1.2
7	☐	1000.000	990.751	822274.12	31.5504	P	1.5
8	☐	2000.000	2005.024	1621027.23	63.8457	A	5.4
9	☐			3450.49	0.1313	P	4.7

$$y = 0.0318 * x + 0.0040$$

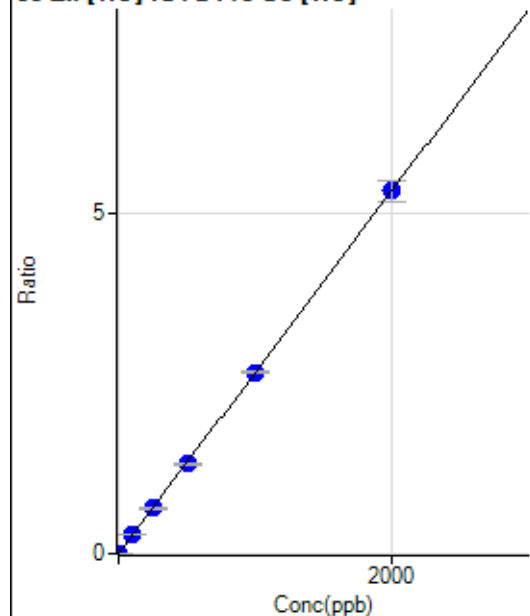
$$R = 1.0000$$

$$DL = 0.04928$$

$$BEC = 0.1246$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	10.00	0.0004	P	0.9
2	☐	0.200					
3	☐	2.000	2.699	205.56	0.0076	P	4.9
4	☐	100.000	104.343	7482.13	0.2789	P	4.6
5	☐	250.000	249.316	17759.36	0.6658	P	2.2
6	☐	500.000	493.822	34661.13	1.3184	P	1.7
7	☐	1000.000	999.420	69532.07	2.6678	P	1.0
8	☐	2000.000	2001.702	135632.89	5.3430	P	5.8
9	☐			914.50	0.0347	P	5.2

$$y = 0.0027 * x + 3.7181E-004$$

$$R = 1.0000$$

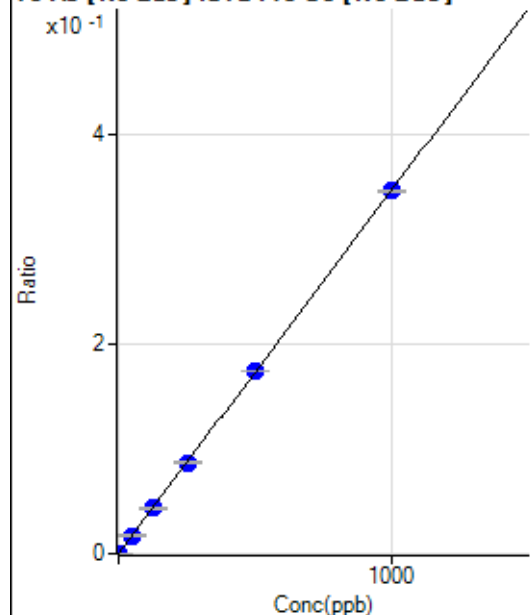
$$DL = 0.003637$$

$$BEC = 0.1393$$

Weight: <None>

Min Conc: 0

75 As [No Gas] ISTD:45 Sc [No Gas]



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	529.03	0.0001	P	12.9
2	☐	0.100					
3	☐	1.000	1.035	1946.02	0.0005	P	5.1
4	☐	50.000	49.682	68371.50	0.0173	P	1.7
5	☐	125.000	124.639	171273.31	0.0433	P	1.3
6	☐	250.000	250.798	338785.12	0.0870	P	0.5
7	☐	500.000	502.519	669467.60	0.1742	P	0.4
8	☐	1000.000	998.602	1345925.74	0.3460	P	0.8
9	☐			3029.77	0.0008	P	5.6

$$y = 3.4638\text{E-}004 * x + 1.3279\text{E-}004$$

$$R = 1.0000$$

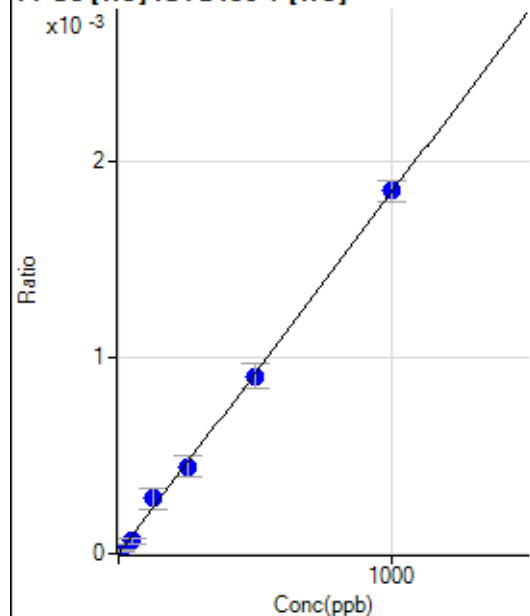
$$DL = 0.1487$$

$$BEC = 0.3834$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.500					
3	☐	5.000	6.572	2.22	0.0000	P	86.6
4	☐	50.000	36.634	12.22	0.0001	P	41.5
5	☐	125.000	151.744	51.11	0.0003	P	37.6
6	☐	250.000	239.662	80.00	0.0004	P	24.6
7	☐	500.000	491.551	163.34	0.0009	P	14.2
8	☐	1000.000	1004.127	321.12	0.0018	P	5.6
9	☐			0.00	0.0000	P	

$$y = 1.8378\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9993$$

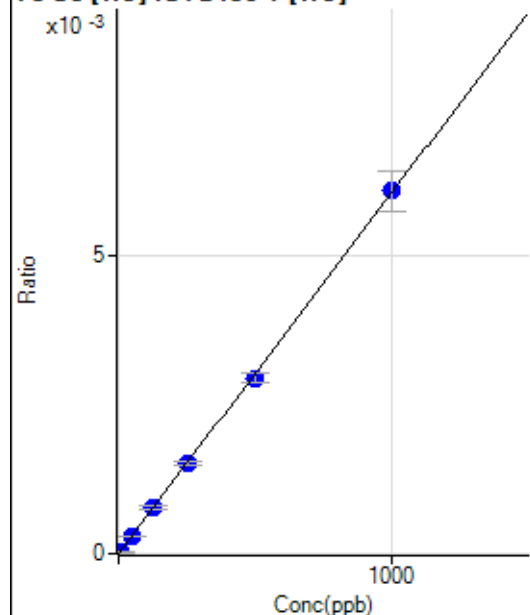
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.62	0.0000	P	173.
2	☐	0.500					
3	☐	5.000	2.767	3.70	0.0000	P	49.9
4	☐	50.000	47.498	53.09	0.0003	P	2.0
5	☐	125.000	127.347	141.98	0.0008	P	10.0
6	☐	250.000	250.773	276.55	0.0015	P	3.0
7	☐	500.000	487.309	535.20	0.0030	P	5.9
8	☐	1000.000	1005.995	1058.69	0.0061	P	11.3
9	☐			3.08	0.0000	P	34.1

$$y = 6.0649\text{E-}006 * x + 3.3268\text{E-}006$$

$$R = 0.9999$$

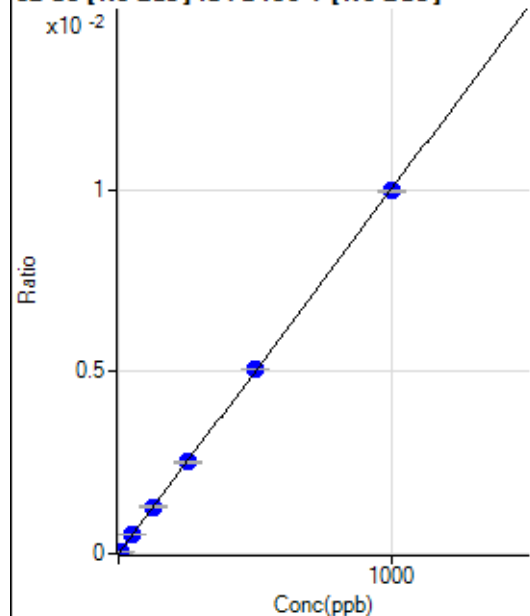
$$DL = 2.85$$

$$BEC = 0.5485$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	9.42	0.0000	P	226.
2	☐	0.500					
3	☐	5.000	4.353	316.18	0.0000	P	13.1
4	☐	50.000	50.489	3596.39	0.0005	P	0.8
5	☐	125.000	128.305	9165.69	0.0013	P	2.5
6	☐	250.000	252.137	17891.91	0.0025	P	1.6
7	☐	500.000	508.062	35868.34	0.0051	P	0.1
8	☐	1000.000	995.000	72097.96	0.0100	P	0.3
9	☐			95.68	0.0000	P	20.2

$$y = 1.0030\text{E-}005 * x + 1.3164\text{E-}006$$

$$R = 0.9999$$

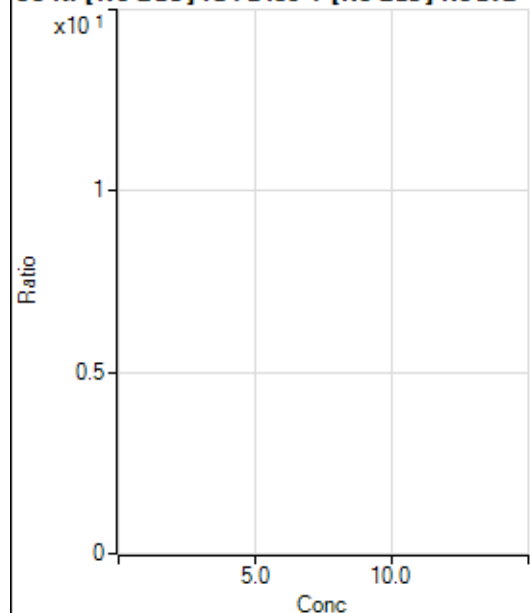
$$DL = 0.8916$$

$$BEC = 0.1312$$

Weight: <None>

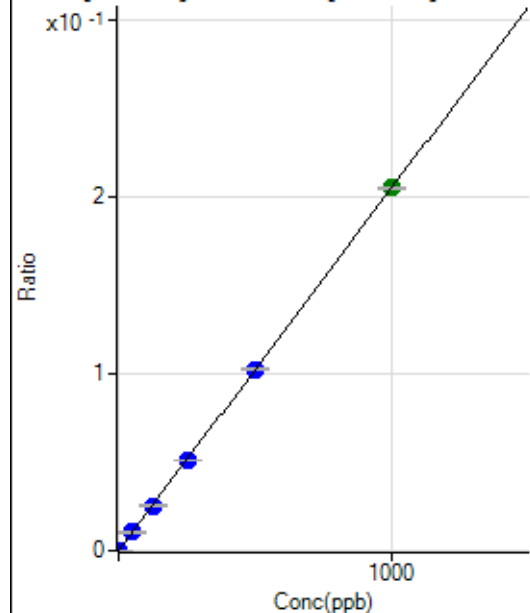
Min Conc: 0

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



	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			203.34	0.0000	P	5.2
2	☐						
3	☐			245.56	0.0000	P	16.4
4	☐			214.45	0.0000	P	14.7
5	☐			206.67	0.0000	P	5.5
6	☐			220.01	0.0000	P	9.7
7	☐			250.01	0.0000	P	13.1
8	☐			226.67	0.0000	P	7.8
9	☐			216.67	0.0000	P	4.3

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



	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	305.58	0.0000	P	15.8
2	☐	0.100					
3	☐	1.000	0.968	1697.42	0.0002	P	2.9
4	☐	50.000	50.641	73677.17	0.0104	P	2.0
5	☐	125.000	124.384	181373.53	0.0255	P	0.8
6	☐	250.000	248.903	360369.86	0.0510	P	0.9
7	☐	500.000	499.089	718738.05	0.1021	P	0.9
8	☐	1000.000	1000.775	1479100.26	0.2048	A	0.6
9	☐			50436.10	0.0070	P	1.8

$$y = 2.0456E-004 * x + 4.3224E-005$$

$$R = 1.0000$$

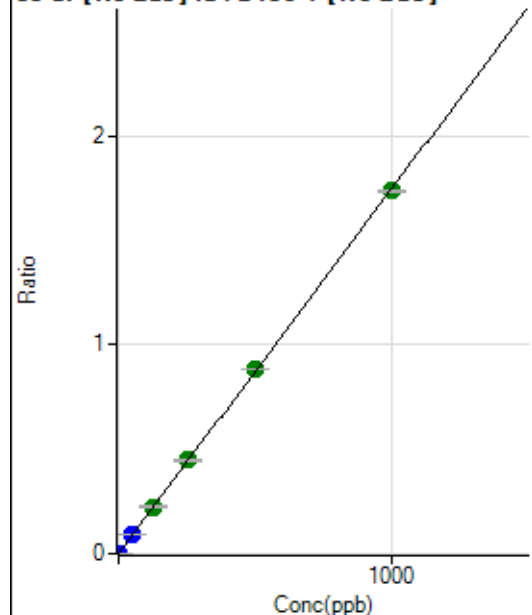
$$DL = 0.09987$$

$$BEC = 0.2113$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	58.34	0.0000	P	51.8
2	☐	0.100					
3	☐	1.000	0.962	11872.33	0.0017	P	0.6
4	☐	50.000	51.079	631703.26	0.0892	P	0.7
5	☐	125.000	127.888	1588779.49	0.2233	A	2.2
6	☐	250.000	256.429	3166237.42	0.4477	A	0.5
7	☐	500.000	505.678	6212731.69	0.8829	A	0.4
8	☐	1000.000	995.139	12550398.8	1.7374	A	0.8
9	☐			437497.89	0.0604	P	1.8

$$y = 0.0017 * x + 8.2608E-006$$

$$R = 1.0000$$

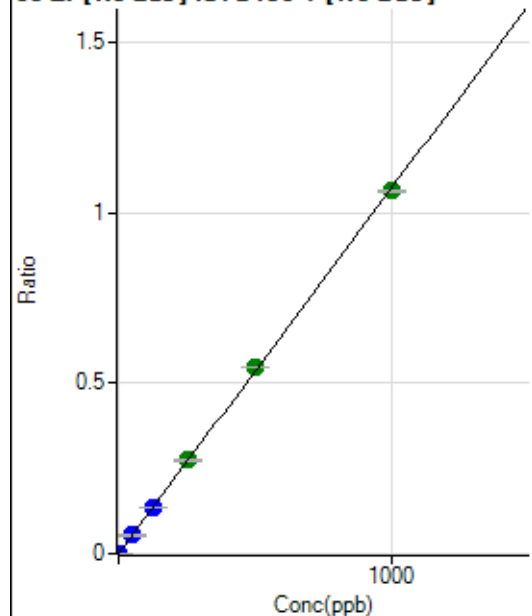
$$DL = 0.007352$$

$$BEC = 0.004732$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	475.03	0.0001	P	10.1
2	☐	0.100					
3	☐	1.000	0.920	7410.67	0.0011	P	3.4
4	☐	50.000	50.104	381107.05	0.0538	P	1.1
5	☐	125.000	125.467	958124.52	0.1346	P	1.1
6	☐	250.000	256.654	1947159.29	0.2753	A	1.6
7	☐	500.000	511.075	3857994.32	0.5482	A	0.2
8	☐	1000.000	992.735	7691975.26	1.0649	A	0.7
9	☐			2380.87	0.0003	P	9.8

$$y = 0.0011 * x + 6.7274E-005$$

$$R = 0.9999$$

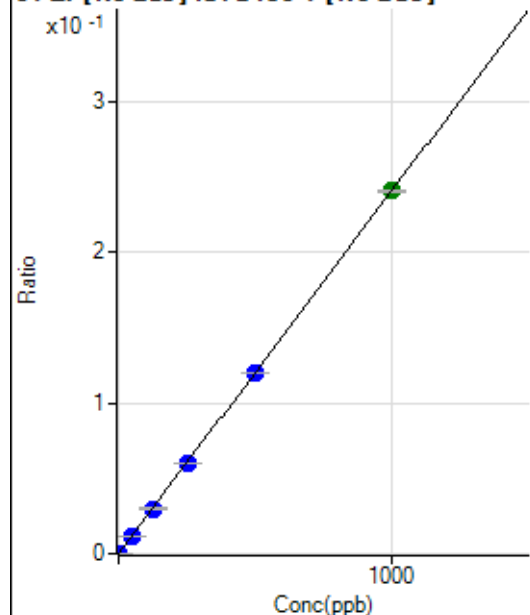
$$DL = 0.01903$$

$$BEC = 0.06272$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	58.33	0.0000	P	25.5
2	☐	0.100					
3	☐	1.000	0.928	1627.95	0.0002	P	9.4
4	☐	50.000	49.263	84101.44	0.0119	P	1.0
5	☐	125.000	124.275	213076.69	0.0299	P	0.8
6	☐	250.000	248.603	423505.69	0.0599	P	1.4
7	☐	500.000	499.426	846580.28	0.1203	P	0.4
8	☐	1000.000	1000.764	1741286.17	0.2411	A	0.8
9	☐			508.37	0.0001	P	7.1

$$y = 2.4087\text{E-}004 * x + 8.2667\text{E-}006$$

$$R = 1.0000$$

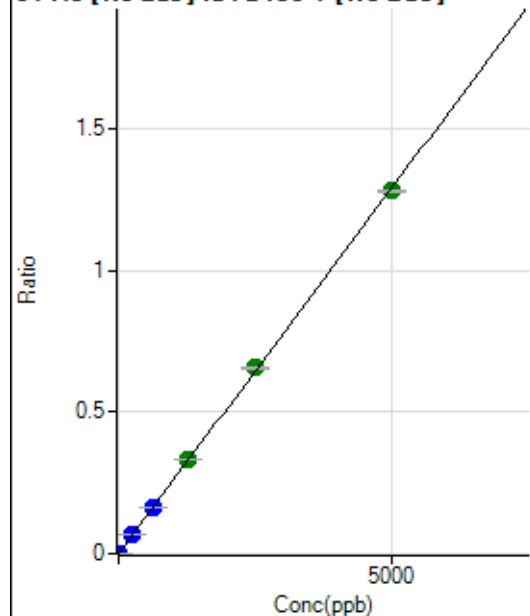
$$DL = 0.02629$$

$$BEC = 0.03432$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	272.24	0.0000	P	19.5
2	☐	0.500					
3	☐	5.000	4.582	8578.06	0.0012	P	1.3
4	☐	250.000	252.948	461868.64	0.0652	P	0.8
5	☐	625.000	631.489	1157996.86	0.1627	P	1.7
6	☐	1250.000	1286.286	2343820.95	0.3314	A	1.2
7	☐	2500.000	2546.439	4617109.96	0.6561	A	0.6
8	☐	5000.000	4966.751	9243847.86	1.2797	A	0.3
9	☐			13279.24	0.0018	P	4.0

$$y = 2.5764\text{E-}004 * x + 3.8579\text{E-}005$$

$$R = 0.9999$$

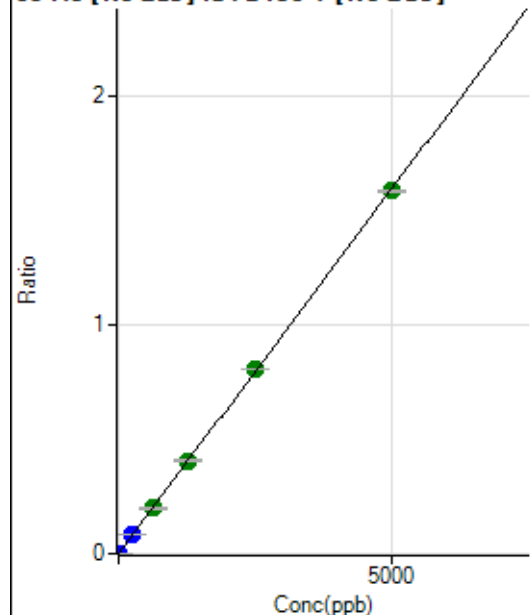
$$DL = 0.08779$$

$$BEC = 0.1497$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	177.78	0.0000	P	24.9
2	☐	0.500					
3	☐	5.000	4.543	10337.71	0.0015	P	3.2
4	☐	250.000	251.637	566930.09	0.0800	P	0.6
5	☐	625.000	627.723	1420379.33	0.1996	A	2.8
6	☐	1250.000	1279.439	2877148.31	0.4069	A	1.2
7	☐	2500.000	2529.052	5659272.82	0.8042	A	0.5
8	☐	5000.000	4977.693	11433719.0	1.5828	A	0.8
9	☐			21988.18	0.0030	P	3.7

$$y = 3.1798E-004 * x + 2.5199E-005$$

$$R = 1.0000$$

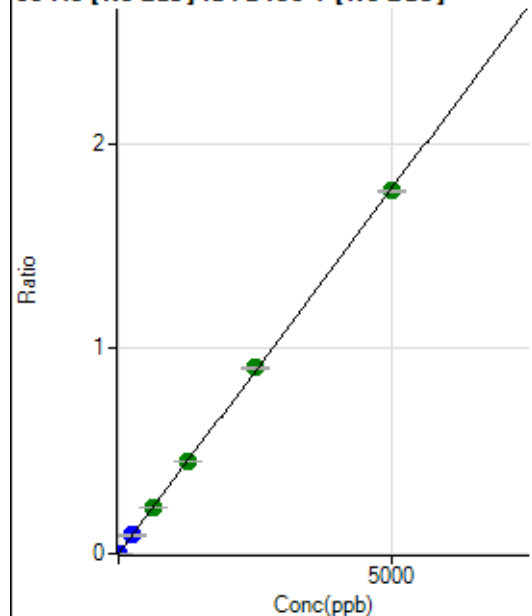
$$DL = 0.05921$$

$$BEC = 0.07925$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	241.68	0.0000	P	14.8
2	☐	0.500					
3	☐	5.000	4.432	11327.46	0.0016	P	4.5
4	☐	250.000	250.783	632092.20	0.0892	P	1.0
5	☐	625.000	634.863	1607155.94	0.2259	A	1.9
6	☐	1250.000	1264.786	3181657.56	0.4499	A	1.5
7	☐	2500.000	2545.224	6371261.38	0.9054	A	0.6
8	☐	5000.000	4972.420	12776778.9	1.7688	A	0.6
9	☐			25346.84	0.0035	P	1.9

$$y = 3.5571E-004 * x + 3.4201E-005$$

$$R = 0.9999$$

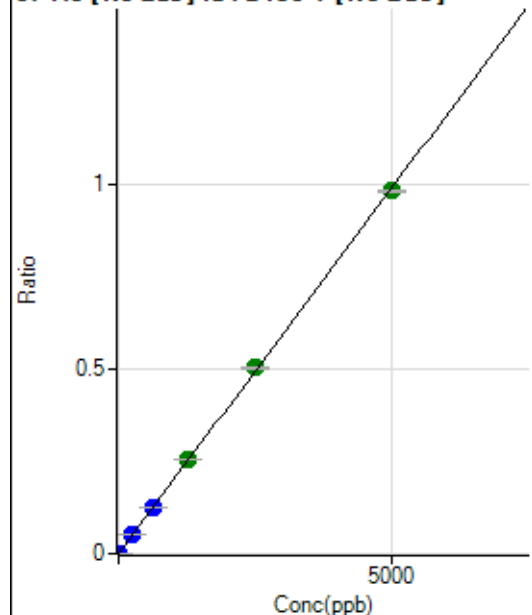
$$DL = 0.04275$$

$$BEC = 0.09615$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	141.67	0.0000	P	18.1
2	☐	0.500					
3	☐	5.000	4.514	6426.84	0.0009	P	1.1
4	☐	250.000	253.532	355514.87	0.0502	P	1.0
5	☐	625.000	626.190	881895.85	0.1239	P	1.8
6	☐	1250.000	1287.793	1802239.80	0.2549	A	1.4
7	☐	2500.000	2548.063	3548427.43	0.5043	A	0.7
8	☐	5000.000	4966.195	7099168.04	0.9828	A	0.5
9	☐			13540.61	0.0019	P	4.7

$$y = 1.9789E-004 * x + 2.0067E-005$$

$$R = 0.9999$$

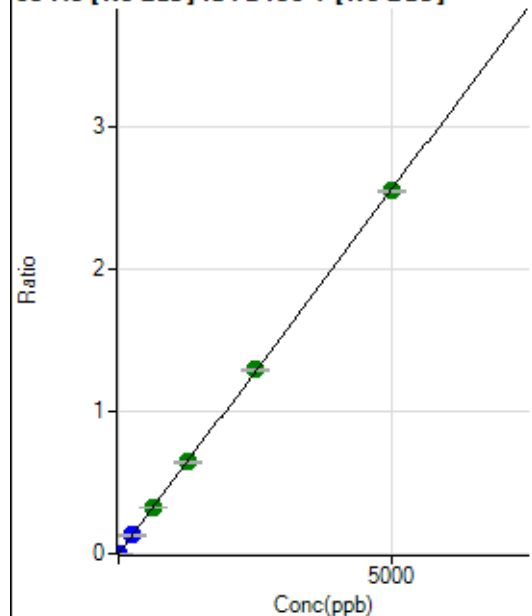
$$DL = 0.05519$$

$$BEC = 0.1014$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	241.68	0.0000	P	40.3
2	☐	0.500					
3	☐	5.000	4.505	16460.72	0.0023	P	1.2
4	☐	250.000	251.381	911464.21	0.1287	P	1.0
5	☐	625.000	631.260	2299131.63	0.3231	A	1.5
6	☐	1250.000	1263.115	4571458.87	0.6465	A	1.4
7	☐	2500.000	2526.325	9098562.88	1.2929	A	0.4
8	☐	5000.000	4982.708	18420536.0	2.5501	A	0.7
9	☐			35277.54	0.0049	P	5.4

$$y = 5.1178E-004 * x + 3.4246E-005$$

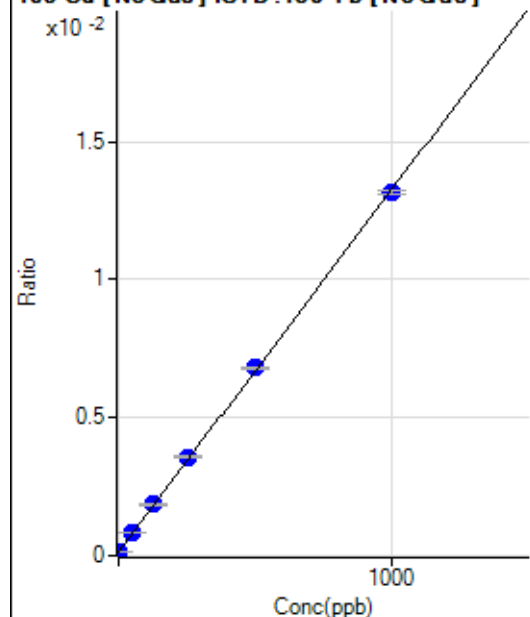
$$R = 1.0000$$

$$DL = 0.08097$$

$$BEC = 0.06692$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1175.11	0.0001	P	4.3
2	☐	0.100					
3	☐	1.000	0.038	1166.77	0.0001	P	5.8
4	☐	50.000	55.473	7455.16	0.0009	P	1.6
5	☐	125.000	130.524	16249.38	0.0018	P	4.5
6	☐	250.000	262.314	31816.12	0.0036	P	1.7
7	☐	500.000	508.824	61435.04	0.0068	P	1.4
8	☐	1000.000	991.546	123166.76	0.0131	P	1.0
9	☐			1252.90	0.0001	P	6.0

$$y = 1.3113\text{E-}005 * x + 1.3453\text{E-}004$$

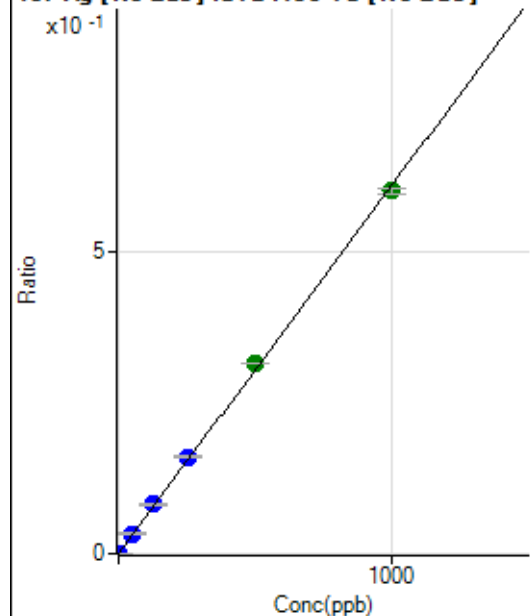
$$R = 0.9998$$

$$DL = 1.336$$

$$BEC = 10.26$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	52.78	0.0000	P	18.3
2	☐	0.100					
3	☐	1.000	1.014	5387.44	0.0006	P	3.1
4	☐	50.000	54.829	288746.22	0.0334	P	0.8
5	☐	125.000	133.359	714895.64	0.0812	P	2.5
6	☐	250.000	263.570	1428495.10	0.1605	P	0.5
7	☐	500.000	517.925	2846027.17	0.3153	A	0.7
8	☐	1000.000	986.359	5630080.60	0.6005	A	1.4
9	☐			919.52	0.0001	P	8.9

$$y = 6.0883\text{E-}004 * x + 6.0439\text{E-}006$$

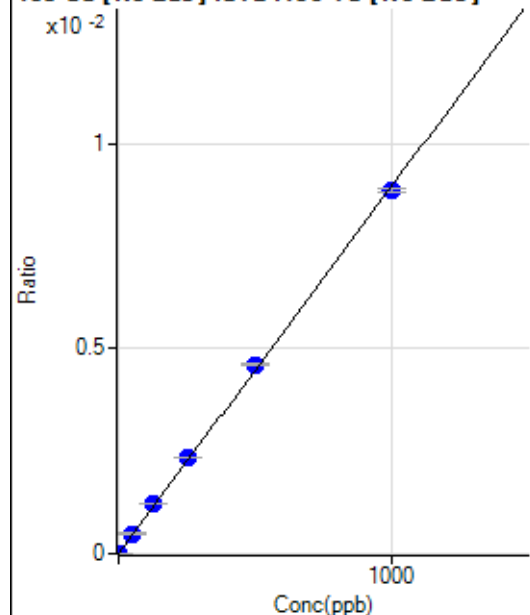
$$R = 0.9996$$

$$DL = 0.005438$$

$$BEC = 0.009927$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	8.33	0.0000	P	49.8
2	☐	0.100					
3	☐	1.000	0.970	83.34	0.0000	P	24.8
4	☐	50.000	54.549	4235.49	0.0005	P	5.9
5	☐	125.000	134.819	10643.30	0.0012	P	1.8
6	☐	250.000	260.815	20809.44	0.0023	P	0.9
7	☐	500.000	515.666	41704.98	0.0046	P	1.3
8	☐	1000.000	988.008	82995.16	0.0089	P	1.2
9	☐			26.39	0.0000	P	11.2

$$y = 8.9589\text{E-}006 * x + 9.5207\text{E-}007$$

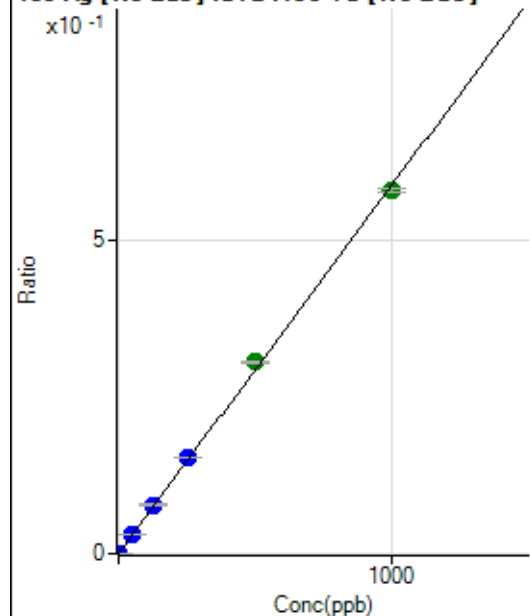
$$R = 0.9997$$

$$DL = 0.1587$$

$$BEC = 0.1063$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	41.67	0.0000	P	52.1
2	☐	0.100					
3	☐	1.000	0.944	4828.87	0.0006	P	1.5
4	☐	50.000	54.385	275993.57	0.0319	P	0.9
5	☐	125.000	132.563	684868.26	0.0778	P	1.8
6	☐	250.000	262.253	1369720.42	0.1539	P	0.4
7	☐	500.000	519.951	2753389.73	0.3051	A	0.4
8	☐	1000.000	985.797	5422600.77	0.5784	A	1.0
9	☐			808.39	0.0001	P	9.6

$$y = 5.8671\text{E-}004 * x + 4.7487\text{E-}006$$

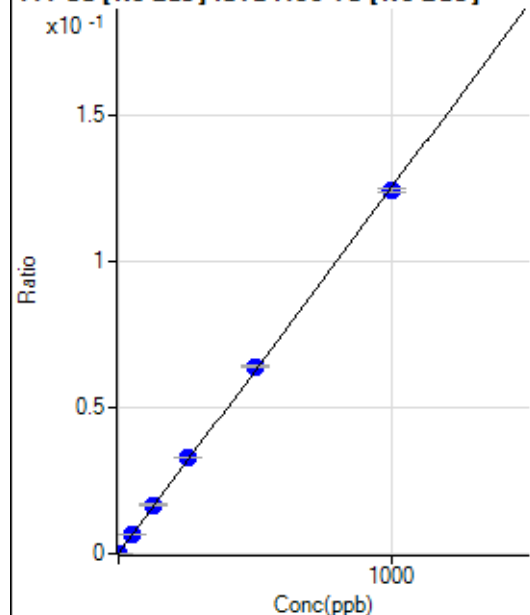
$$R = 0.9996$$

$$DL = 0.01264$$

$$BEC = 0.008094$$

Weight: <None>

Min Conc: 0

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

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	825.07	0.0001	P	4.6
2	☐	0.100					
3	☐	1.000	0.888	1776.53	0.0002	P	1.3
4	☐	50.000	53.605	58805.35	0.0068	P	2.0
5	☐	125.000	132.095	146306.39	0.0166	P	2.8
6	☐	250.000	261.058	291535.14	0.0328	P	0.6
7	☐	500.000	510.349	577048.52	0.0639	P	0.7
8	☐	1000.000	990.994	1163113.94	0.1241	P	1.0
9	☐			1141.90	0.0001	P	2.6

$$y = 1.2509\text{E-}004 * x + 9.4457\text{E-}005$$

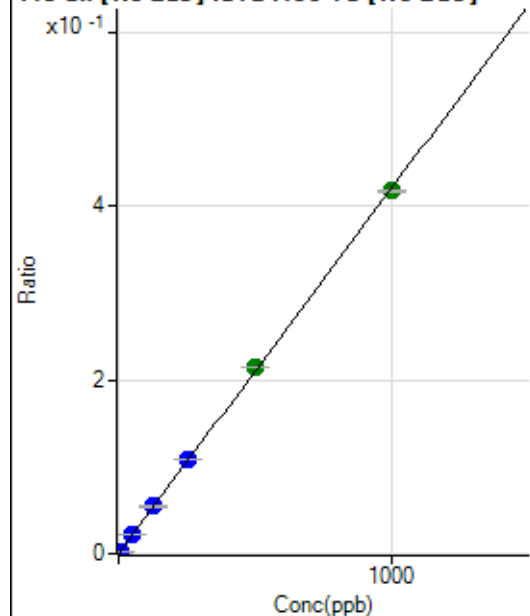
$$R = 0.9998$$

$$DL = 0.104$$

$$BEC = 0.7551$$

Weight: <None>

Min Conc: 0

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

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1025.09	0.0001	P	8.3
2	☐	0.500					
3	☐	5.000	4.690	18034.96	0.0021	P	2.2
4	☐	50.000	51.998	189855.99	0.0220	P	1.7
5	☐	125.000	128.799	477301.84	0.0542	P	1.4
6	☐	250.000	256.317	959227.74	0.1078	P	0.6
7	☐	500.000	509.696	1932919.68	0.2142	A	0.7
8	☐	1000.000	992.999	3910778.99	0.4171	A	0.5
9	☐			6902.11	0.0007	P	6.0

$$y = 4.1994\text{E-}004 * x + 1.1732\text{E-}004$$

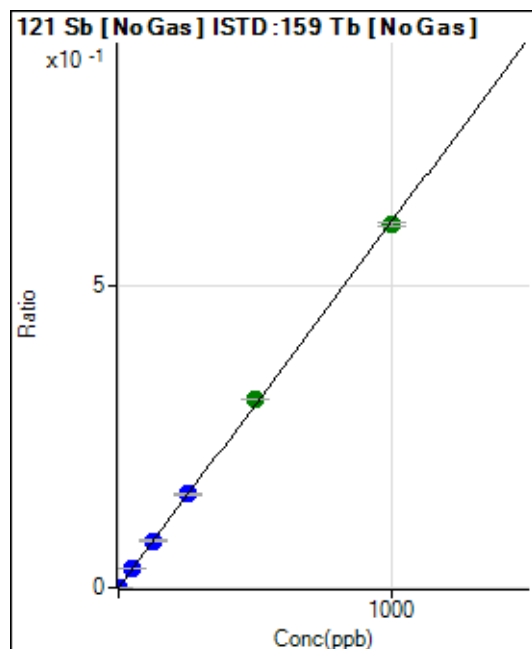
$$R = 0.9999$$

$$DL = 0.06985$$

$$BEC = 0.2794$$

Weight: <None>

Min Conc: 0



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	511.15	0.0001	P	26.7
2	☐	0.200					
3	☐	2.000	1.903	10479.51	0.0012	P	0.9
4	☐	50.000	51.535	270762.69	0.0313	P	0.9
5	☐	125.000	127.979	683749.64	0.0777	P	2.5
6	☐	250.000	255.057	1377263.02	0.1547	P	0.9
7	☐	500.000	513.171	2809070.70	0.3112	A	0.1
8	☐	1000.000	991.701	5638393.96	0.6014	A	1.2
9	☐			20644.67	0.0022	P	7.3

$$y = 6.0638\text{E-}004 * x + 5.8509\text{E-}005$$

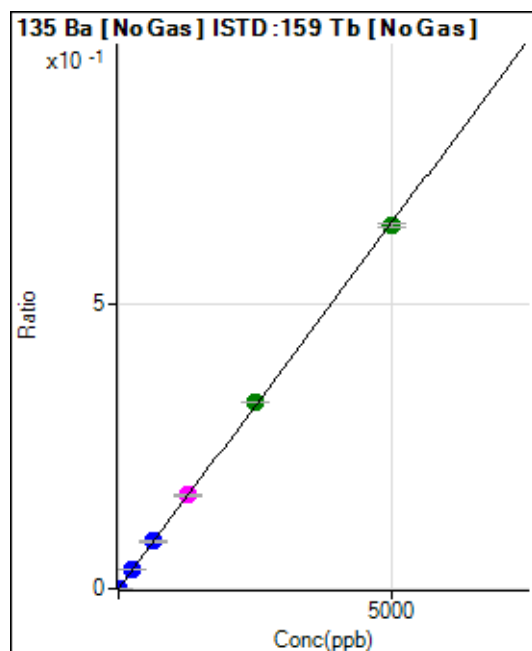
$$R = 0.9999$$

$$DL = 0.07735$$

$$BEC = 0.09649$$

Weight: <None>

Min Conc: 0



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	25.00	0.0000	P	34.7
2	☐	1.000					
3	☐	10.000	9.225	10298.89	0.0012	P	1.2
4	☐	250.000	261.969	292034.64	0.0338	P	0.8
5	☐	625.000	651.292	739083.58	0.0839	P	2.6
6	☐	1250.000	1281.300	1470070.80	0.1651	M	1.2
7	☐	2500.000	2558.047	2975800.02	0.3297	A	0.1
8	☐	5000.000	4959.268	5992717.88	0.6392	A	1.2
9	☐			2064.15	0.0002	P	2.1

$$y = 1.2889\text{E-}004 * x + 2.8721\text{E-}006$$

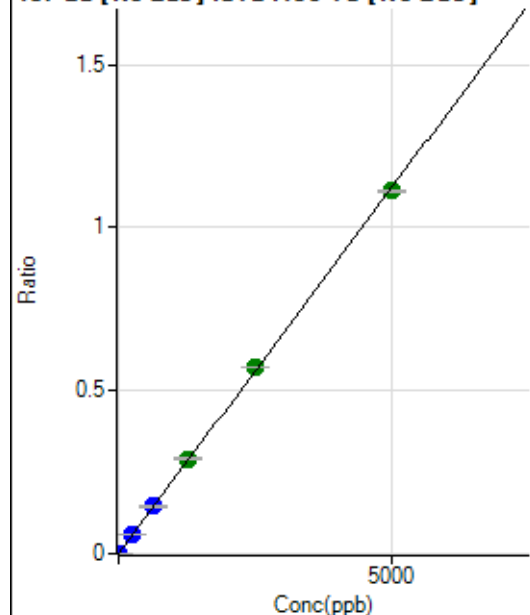
$$R = 0.9999$$

$$DL = 0.02317$$

$$BEC = 0.02228$$

Weight: <None>

Min Conc: 0

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

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	44.45	0.0000	P	83.7
2	☐	1.000					
3	☐	10.000	9.404	18268.85	0.0021	P	2.6
4	☐	250.000	263.472	511138.33	0.0591	P	0.8
5	☐	625.000	647.184	1278183.87	0.1452	P	1.9
6	☐	1250.000	1294.463	2584483.96	0.2903	A	1.3
7	☐	2500.000	2552.016	5166286.96	0.5724	A	0.5
8	☐	5000.000	4959.431	10429300.5	1.1124	A	0.7
9	☐			3536.74	0.0004	P	4.2

$$y = 2.2429E-004 * x + 5.0476E-006$$

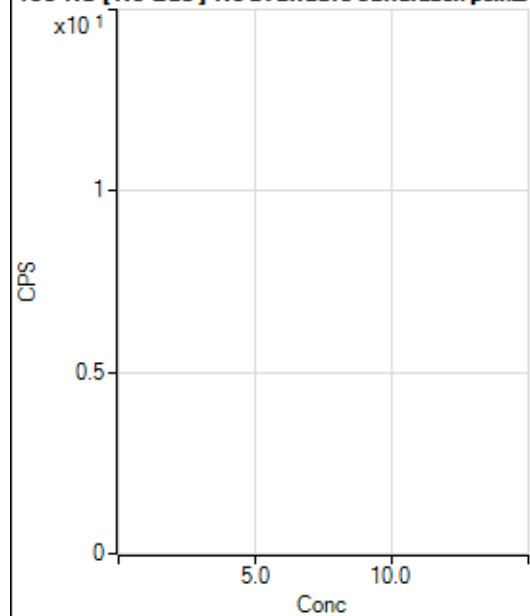
$$R = 0.9999$$

$$DL = 0.05649$$

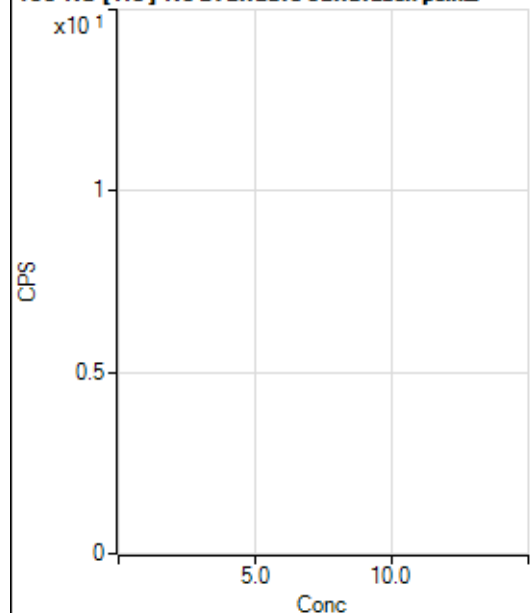
$$BEC = 0.0225$$

Weight: <None>

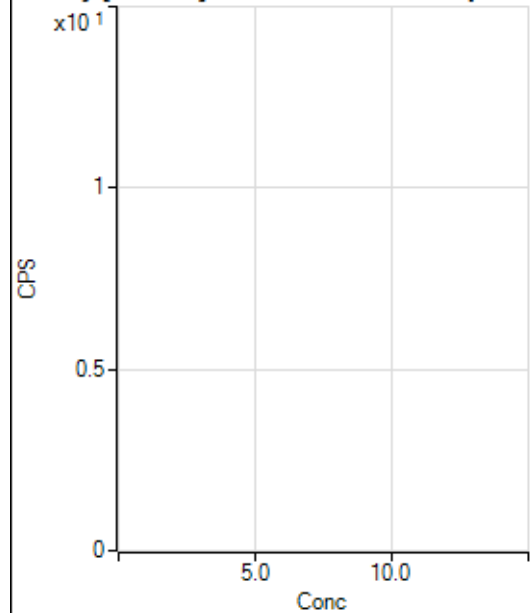
Min Conc: 0

150 Nd [No Gas] No available calibration points

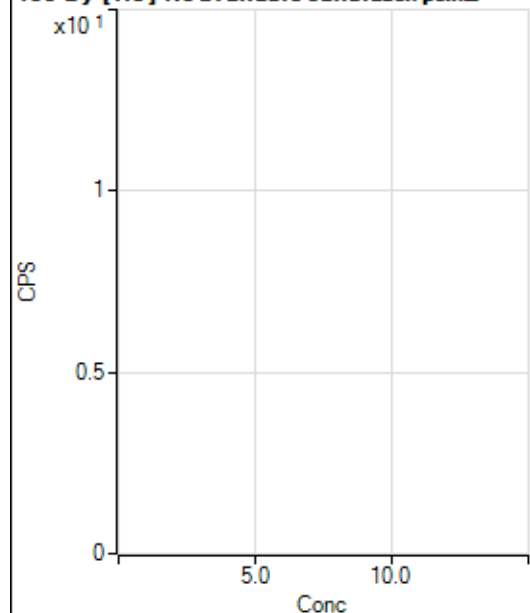
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	91.7
2	☐						
3	☐			6.67		P	100.
4	☐			22.22		P	45.8
5	☐			37.78		P	50.9
6	☐			60.00		P	11.1
7	☐			171.12		P	20.0
8	☐			220.01		P	5.3
9	☐			66.67		P	50.0

150 Nd [He] No available calibration points

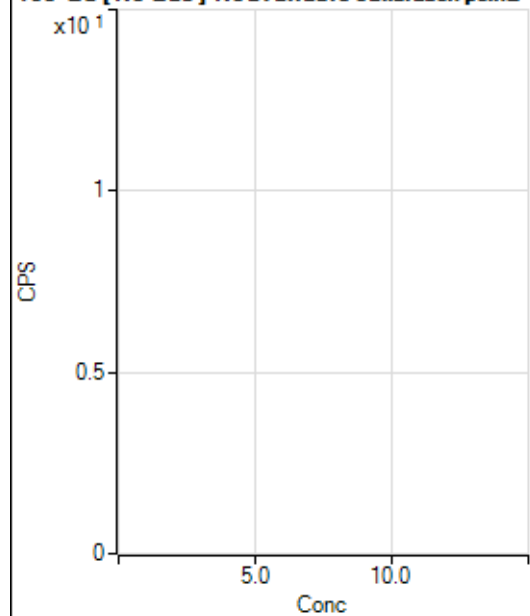
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			0.00		P	
2	☐						
3	☐			0.00		P	
4	☐			2.22		P	173.
5	☐			1.11		P	173.
6	☐			0.00		P	
7	☐			3.33		P	100.
8	☐			3.33		P	173.
9	☐			3.33		P	100.

156 Dy [No Gas] No available calibration points

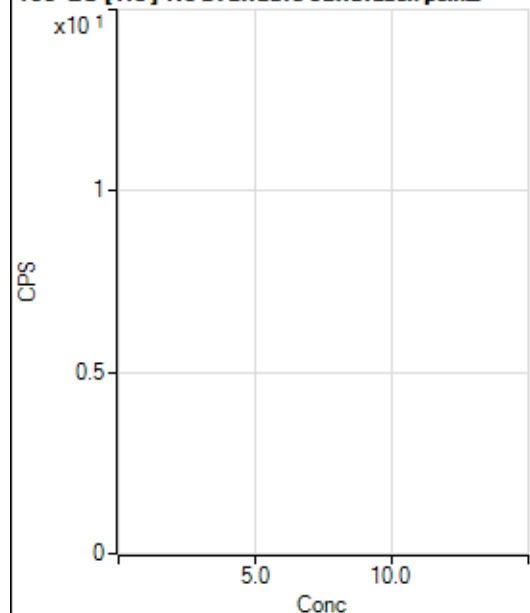
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			8.33		P	100.
2	☐						
3	☐			5.56		P	173.
4	☐			19.44		P	65.5
5	☐			5.55		P	86.6
6	☐			36.11		P	35.3
7	☐			16.67		P	86.6
8	☐			63.89		P	15.1
9	☐			66.67		P	12.5

156 Dy [He] No available calibration points

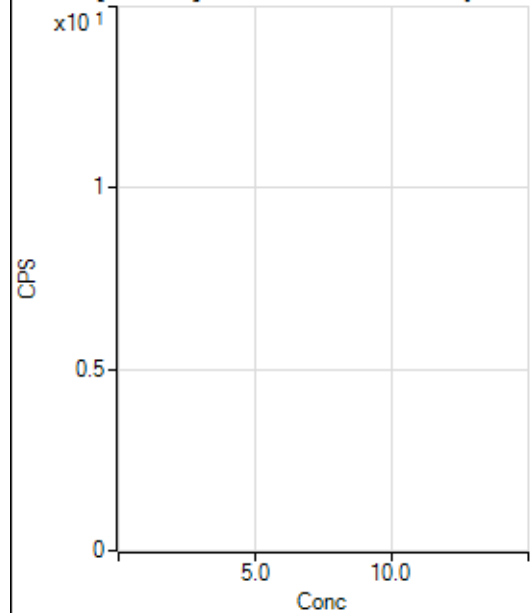
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			2.22		P	86.6
2	☐						
3	☐			1.11		P	173.
4	☐			1.11		P	173.
5	☐			1.11		P	173.
6	☐			5.56		P	91.6
7	☐			1.11		P	173.
8	☐			4.44		P	43.4
9	☐			5.56		P	34.7

160 Gd [No Gas] Noavailable calibration poin_

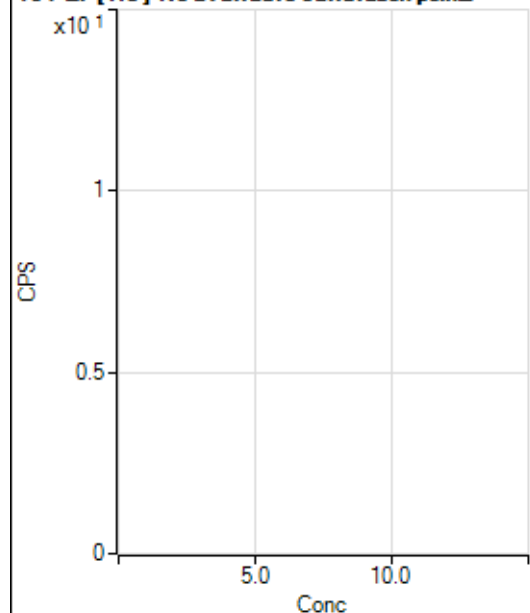
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			30.56		P	83.3
2	☐						
3	☐			36.11		P	26.7
4	☐			19.45		P	107.
5	☐			22.22		P	21.6
6	☐			52.78		P	71.2
7	☐			58.33		P	37.8
8	☐			50.00		P	16.7
9	☐			61.11		P	41.7

160 Gd [He] No available calibration points

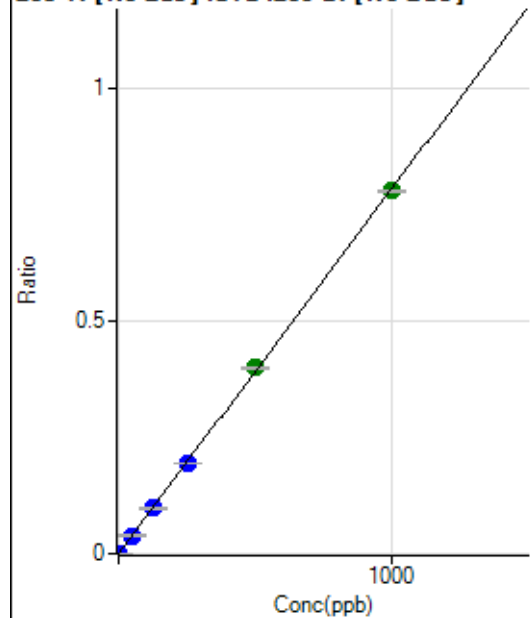
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			3.33		P	0.0
2	☐						
3	☐			1.11		P	173.
4	☐			5.56		P	91.6
5	☐			3.33		P	100.
6	☐			1.11		P	173.
7	☐			10.00		P	66.7
8	☐			6.67		P	50.0
9	☐			18.89		P	10.2

164 Er [No Gas] No available calibration points

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			25.00		P	0.0
2	☐						
3	☐			47.23		P	40.8
4	☐			38.89		P	44.6
5	☐			30.56		P	41.7
6	☐			38.89		P	53.9
7	☐			41.67		P	34.6
8	☐			38.89		P	24.7
9	☐			61.11		P	43.8

164 Er [He] No available calibration points

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			7.78		P	65.5
2	☐						
3	☐			4.44		P	114.
4	☐			6.67		P	86.6
5	☐			2.22		P	86.6
6	☐			4.45		P	86.6
7	☐			4.44		P	43.4
8	☐			4.44		P	114.
9	☐			8.89		P	114.

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

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	147.23	0.0000	P	23.8
2	☐	0.100					
3	☐	1.000	0.937	4109.20	0.0008	P	6.9
4	☐	50.000	49.664	210802.16	0.0389	P	1.9
5	☐	125.000	124.433	532582.99	0.0974	P	2.0
6	☐	250.000	249.581	1085411.42	0.1953	P	0.7
7	☐	500.000	509.832	2234288.66	0.3988	A	0.9
8	☐	1000.000	995.276	4495069.93	0.7786	A	0.6
9	☐			2744.88	0.0005	P	4.1

$$y = 7.8225E-004 * x + 2.7287E-005$$

$$R = 0.9999$$

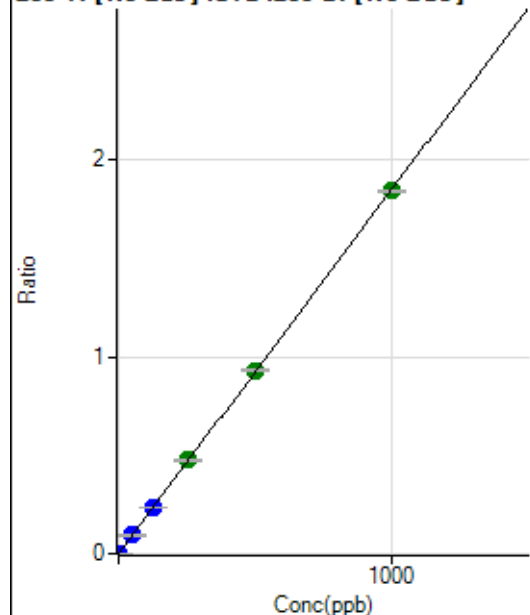
$$DL = 0.0249$$

$$BEC = 0.03488$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	363.92	0.0001	P	16.1
2	☐	0.100					
3	☐	1.000	0.961	9957.06	0.0018	P	1.2
4	☐	50.000	50.328	504676.80	0.0931	P	0.8
5	☐	125.000	126.180	1275881.44	0.2332	P	1.0
6	☐	250.000	256.325	2633305.14	0.4737	A	0.7
7	☐	500.000	502.223	5199202.03	0.9281	A	1.1
8	☐	1000.000	997.143	10638479.1	1.8427	A	0.7
9	☐			6666.00	0.0012	P	5.3

$$y = 0.0018 * x + 6.7405E-005$$

$$R = 1.0000$$

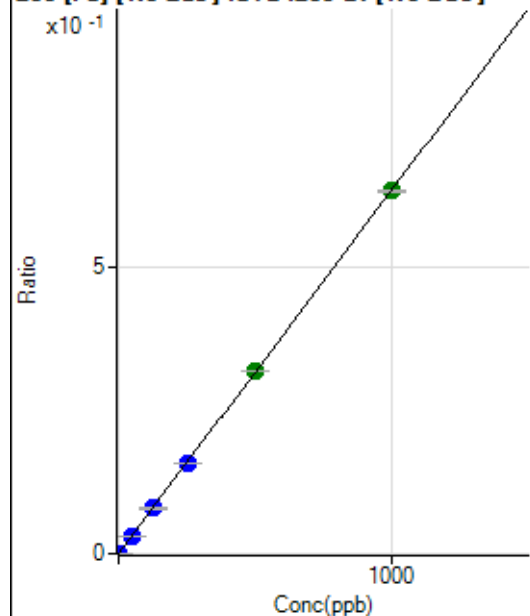
$$DL = 0.01761$$

$$BEC = 0.03648$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	183.34	0.0000	P	24.9
2	☐	0.100					
3	☐	1.000	0.935	3387.59	0.0006	P	3.4
4	☐	50.000	49.529	170582.57	0.0315	P	0.2
5	☐	125.000	124.623	432727.21	0.0791	P	0.6
6	☐	250.000	247.927	874553.74	0.1573	P	0.7
7	☐	500.000	503.522	1789786.99	0.3195	A	0.5
8	☐	1000.000	998.828	3658817.56	0.6337	A	0.8
9	☐			7218.94	0.0013	P	6.1

$$y = 6.3444E-004 * x + 3.3858E-005$$

$$R = 1.0000$$

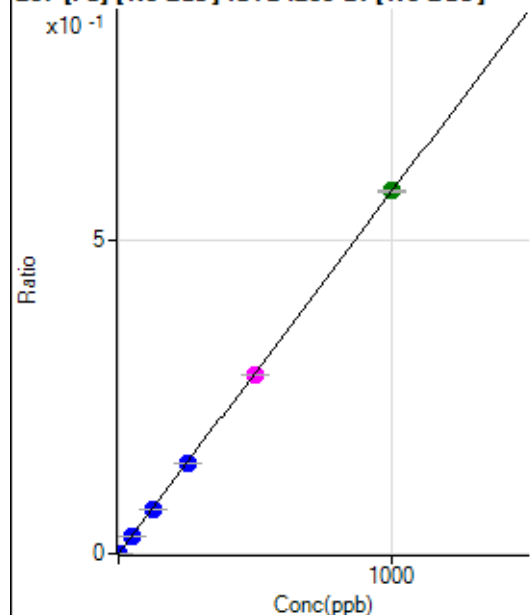
$$DL = 0.03988$$

$$BEC = 0.05337$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	175.93	0.0000	P	15.7
2	☐	0.100					
3	☐	1.000	0.957	3159.77	0.0006	P	5.8
4	☐	50.000	49.611	155405.51	0.0287	P	2.1
5	☐	125.000	123.291	389355.16	0.0712	P	1.5
6	☐	250.000	248.359	796837.61	0.1433	P	0.4
7	☐	500.000	495.186	1600957.86	0.2858	M	0.5
8	☐	1000.000	1003.051	3341911.10	0.5788	A	0.6
9	☐			6129.47	0.0011	P	1.3

$$y = 5.7705E-004 * x + 3.2583E-005$$

$$R = 1.0000$$

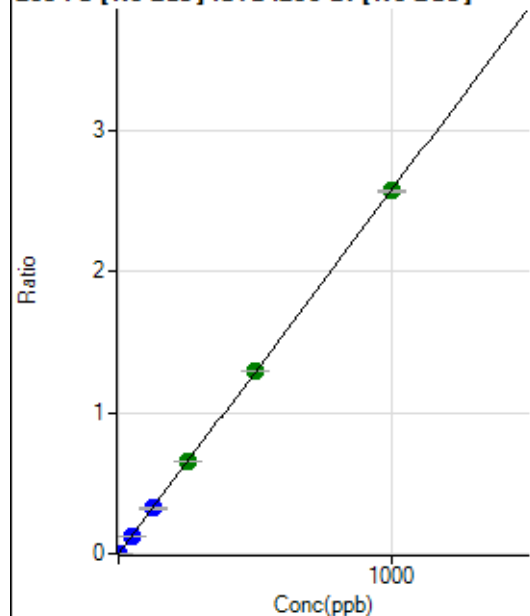
$$DL = 0.02661$$

$$BEC = 0.05646$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	783.36	0.0001	P	5.7
2	☐	0.100					
3	☐	1.000	0.957	14110.93	0.0026	P	1.8
4	☐	50.000	49.588	694142.46	0.1280	P	1.1
5	☐	125.000	124.386	1755330.71	0.3209	P	1.2
6	☐	250.000	252.008	3613007.44	0.6500	A	0.5
7	☐	500.000	502.634	7261515.75	1.2962	A	0.5
8	☐	1000.000	998.278	14862366.5	2.5743	A	0.5
9	☐			28530.08	0.0050	P	1.6

$$y = 0.0026 * x + 1.4491E-004$$

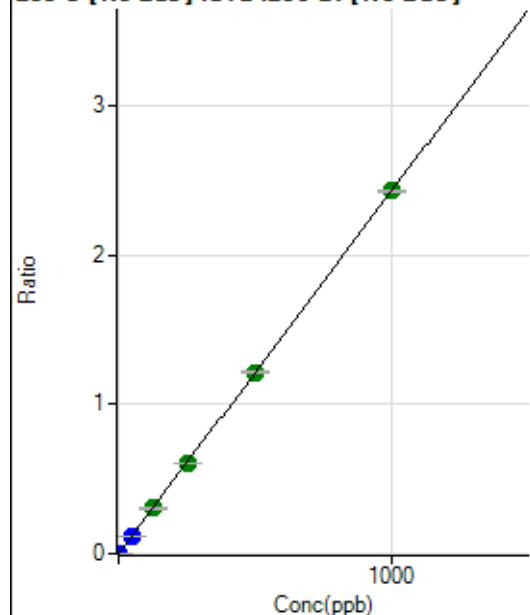
$$R = 1.0000$$

$$DL = 0.009588$$

$$BEC = 0.0562$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	41.67	0.0000	P	35.3
2	☐	0.100					
3	☐	1.000	0.925	12167.64	0.0023	P	3.1
4	☐	50.000	48.684	640718.87	0.1182	P	0.4
5	☐	125.000	125.402	1664823.06	0.3043	A	1.4
6	☐	250.000	248.585	3353604.35	0.6033	A	0.2
7	☐	500.000	499.729	6793834.53	1.2128	A	1.2
8	☐	1000.000	1000.505	14018362.1	2.4281	A	0.3
9	☐			1583.51	0.0003	P	5.6

$$y = 0.0024 * x + 7.7208E-006$$

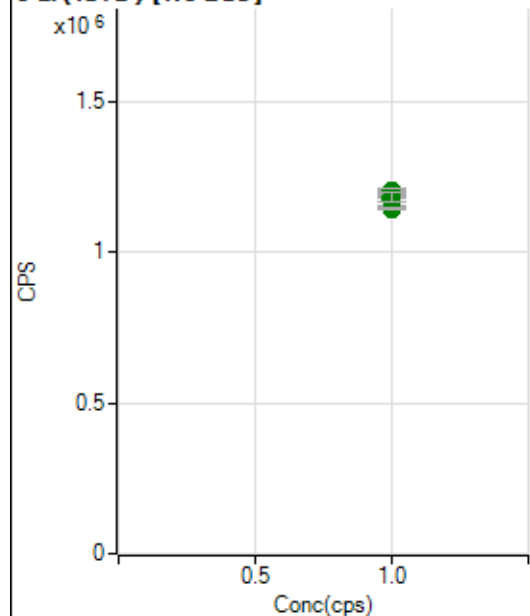
$$R = 1.0000$$

$$DL = 0.003368$$

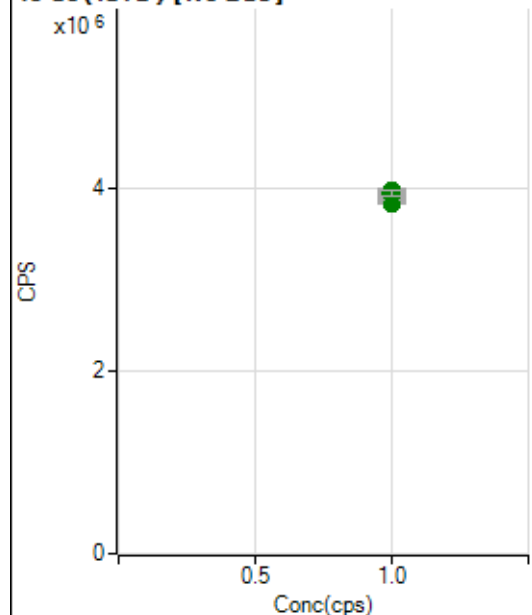
$$BEC = 0.003181$$

Weight: <None>

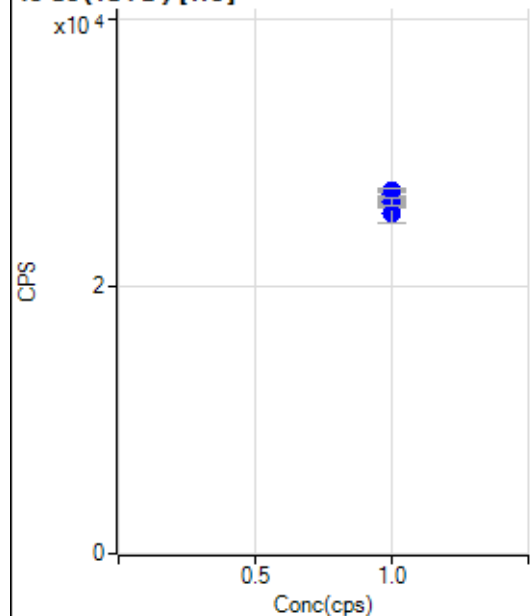
Min Conc: 0

6 Li (ISTD) [No Gas]

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		1199733.68		A	2.4
2	☐	1.000					
3	☐	1.000		1200678.09		A	1.0
4	☐	1.000		1191318.80		A	1.1
5	☐	1.000		1205218.80		A	1.9
6	☐	1.000		1173882.20		A	1.3
7	☐	1.000		1149778.05		A	0.8
8	☐	1.000		1145849.99		A	0.4
9	☐	1.000		1184495.89		A	2.6

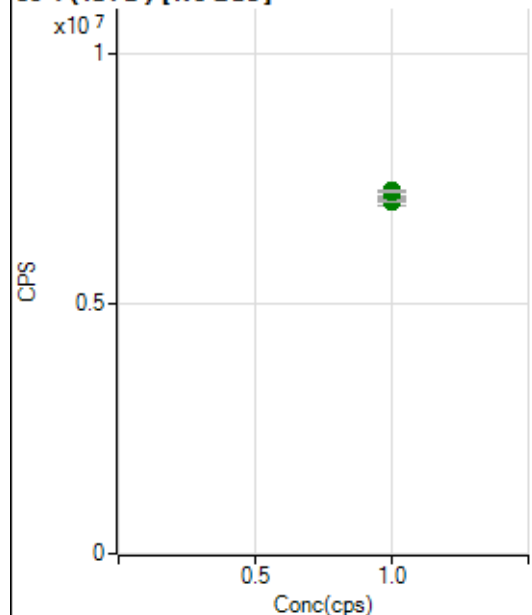
45 Sc (ISTD) [No Gas]

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3979340.93		A	1.7
2	☐	1.000					
3	☐	1.000		3961641.63		A	1.6
4	☐	1.000		3943112.54		A	1.3
5	☐	1.000		3955487.46		A	1.3
6	☐	1.000		3894115.02		A	1.6
7	☐	1.000		3843274.56		A	0.7
8	☐	1.000		3889729.17		A	0.4
9	☐	1.000		3953236.16		A	1.5

45 Sc (ISTD) [He]

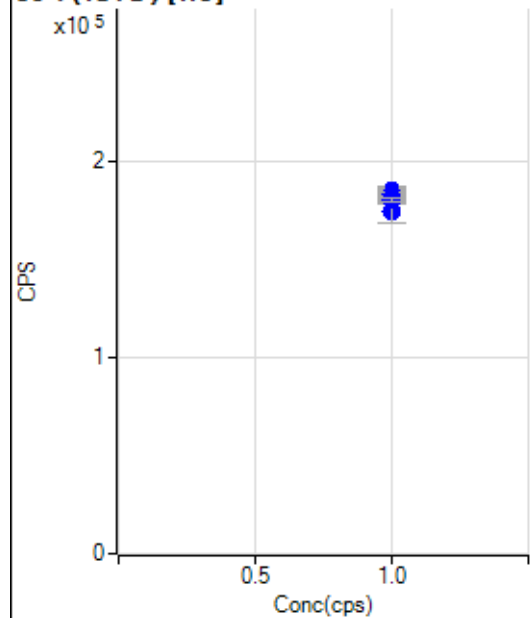
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		26897.10		P	0.9
2	☐	1.000					
3	☐	1.000		27138.75		P	0.7
4	☐	1.000		26851.64		P	3.9
5	☐	1.000		26675.62		P	0.7
6	☐	1.000		26293.71		P	1.3
7	☐	1.000		26064.41		P	1.0
8	☐	1.000		25442.45		P	5.8
9	☐	1.000		26298.18		P	2.3

89 Y (ISTD) [No Gas]

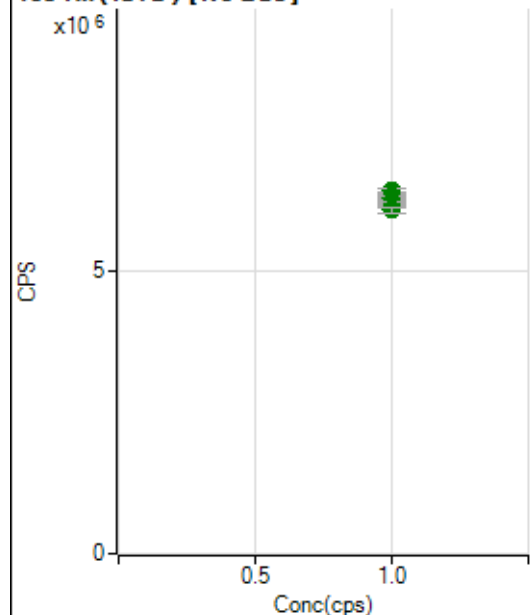


	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7065122.19		A	0.9
2	☐	1.000					
3	☐	1.000		7035927.81		A	2.0
4	☐	1.000		7083341.56		A	1.0
5	☐	1.000		7116791.28		A	1.2
6	☐	1.000		7072364.89		A	1.3
7	☐	1.000		7037167.81		A	0.5
8	☐	1.000		7223641.77		A	0.4
9	☐	1.000		7248705.93		A	0.8

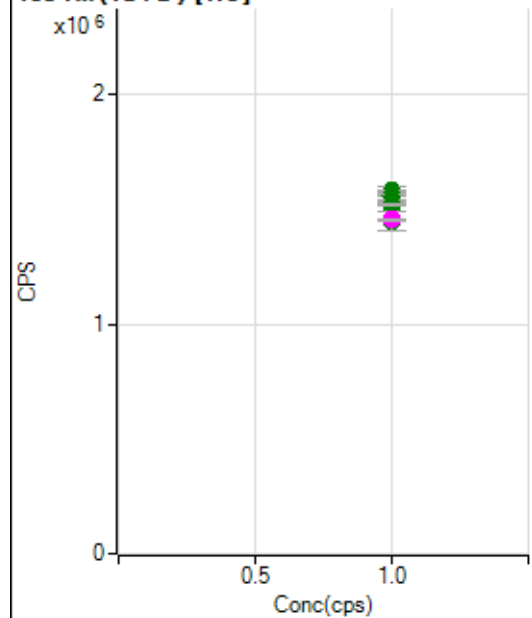
89 Y (ISTD) [He]



	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		184865.16		P	2.2
2	☐	1.000					
3	☐	1.000		184293.45		P	1.2
4	☐	1.000		182162.47		P	4.6
5	☐	1.000		182971.71		P	1.2
6	☐	1.000		181420.07		P	0.8
7	☐	1.000		180928.13		P	0.8
8	☐	1.000		174220.93		P	6.2
9	☐	1.000		180197.57		P	0.8

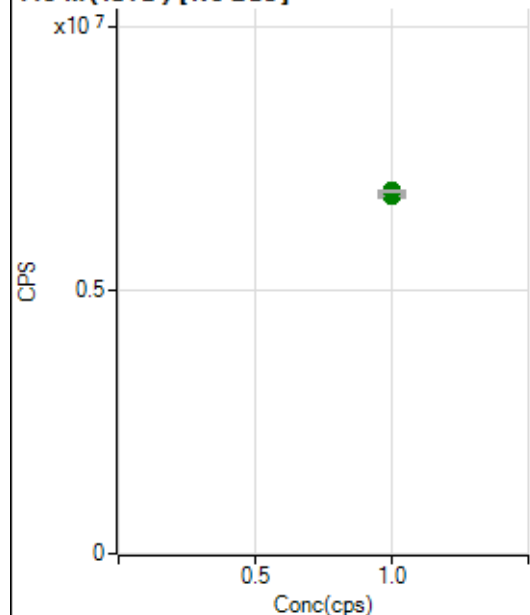
103 Rh (ISTD) [No Gas]

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6401087.90		A	1.2
2	☐	1.000					
3	☐	1.000		6313782.83		A	1.4
4	☐	1.000		6311814.68		A	1.4
5	☐	1.000		6288883.82		A	0.9
6	☐	1.000		6217139.16		A	1.2
7	☐	1.000		6157563.68		A	0.3
8	☐	1.000		6205963.85		A	0.4
9	☐	1.000		6057910.94		A	1.4

103 Rh (ISTD) [He]

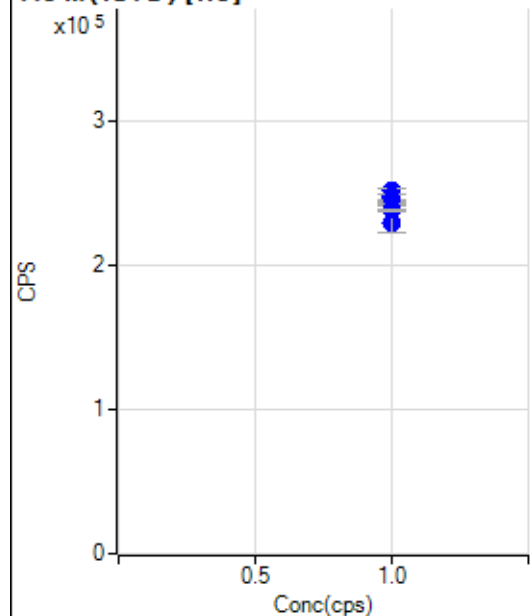
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1579220.46		A	2.4
2	☐	1.000					
3	☐	1.000		1573041.82		A	0.7
4	☐	1.000		1532111.52		A	5.3
5	☐	1.000		1553965.78		A	1.6
6	☐	1.000		1536655.17		A	0.5
7	☐	1.000		1518240.59		A	0.6
8	☐	1.000		1452057.23		A	5.8
9	☐	1.000		1453372.60		M	0.9

115 In (ISTD) [No Gas]

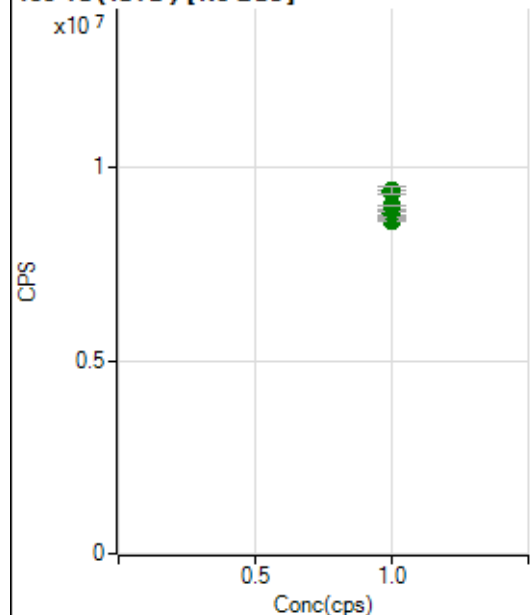


	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6786825.53		A	0.4
2	☐	1.000					
3	☐	1.000		6789768.72		A	1.5
4	☐	1.000		6834548.33		A	1.1
5	☐	1.000		6835895.94		A	2.3
6	☐	1.000		6859524.56		A	1.3
7	☐	1.000		6802148.82		A	0.9
8	☐	1.000		6881109.73		A	0.5
9	☐	1.000		6886554.53		A	0.8

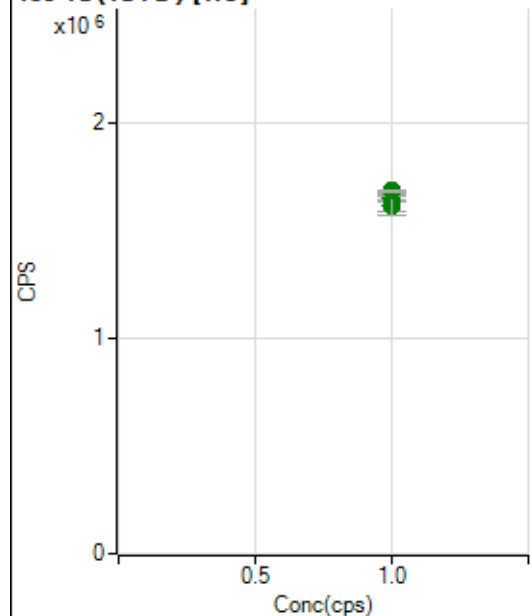
115 In (ISTD) [He]



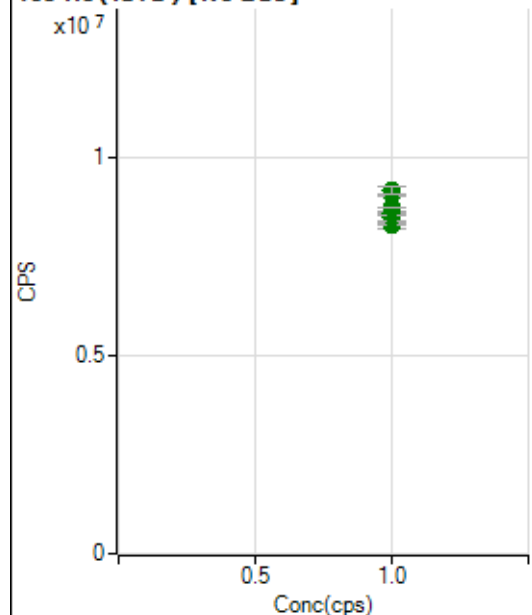
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		250850.97		P	1.3
2	☐	1.000					
3	☐	1.000		251070.39		P	1.4
4	☐	1.000		246408.05		P	4.8
5	☐	1.000		247337.69		P	1.5
6	☐	1.000		244513.65		P	0.6
7	☐	1.000		242047.70		P	0.3
8	☐	1.000		229284.24		P	6.5
9	☐	1.000		237677.08		P	0.7

159 Tb (ISTD) [No Gas]

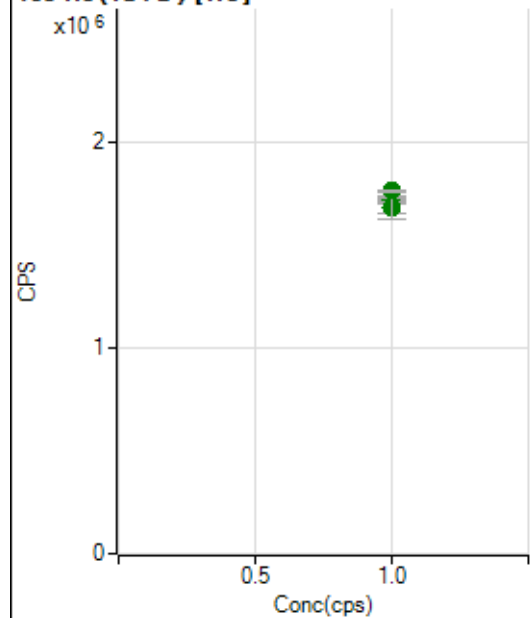
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8734055.15		A	1.5
2	☐	1.000					
3	☐	1.000		8641365.98		A	0.7
4	☐	1.000		8648764.80		A	0.9
5	☐	1.000		8807044.94		A	2.0
6	☐	1.000		8901888.34		A	0.7
7	☐	1.000		9025577.85		A	0.2
8	☐	1.000		9376028.40		A	0.9
9	☐	1.000		9406156.60		A	2.0

159 Tb (ISTD) [He]

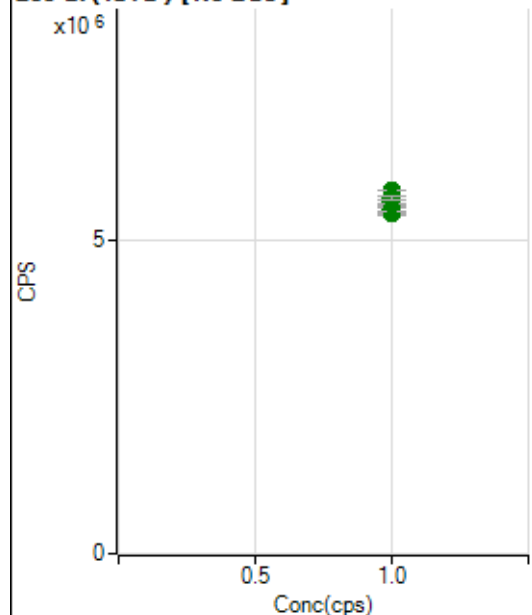
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1648493.27		A	1.4
2	☐	1.000					
3	☐	1.000		1665268.46		A	1.3
4	☐	1.000		1627786.02		A	4.8
5	☐	1.000		1667234.72		A	0.8
6	☐	1.000		1637560.49		A	0.7
7	☐	1.000		1661671.26		A	1.0
8	☐	1.000		1616565.88		A	6.3
9	☐	1.000		1681075.86		A	0.9

165 Ho (ISTD) [No Gas]

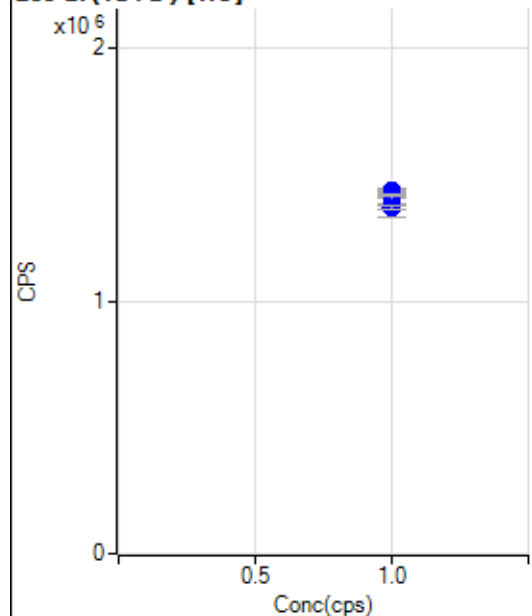
	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8355600.54		A	1.2
2	☐	1.000					
3	☐	1.000		8286073.80		A	1.5
4	☐	1.000		8321643.94		A	0.9
5	☐	1.000		8498516.08		A	2.0
6	☐	1.000		8589511.30		A	1.1
7	☐	1.000		8734423.20		A	0.1
8	☐	1.000		9050619.39		A	0.8
9	☐	1.000		9155273.90		A	2.0

165 Ho (ISTD) [He]

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1722398.05		A	1.9
2	☐	1.000					
3	☐	1.000		1724419.52		A	0.5
4	☐	1.000		1696431.71		A	4.6
5	☐	1.000		1724753.74		A	1.4
6	☐	1.000		1712808.03		A	0.9
7	☐	1.000		1722419.02		A	1.2
8	☐	1.000		1686247.80		A	6.7
9	☐	1.000		1763233.17		A	0.7

209 Bi (ISTD) [No Gas]

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5404152.77		A	1.2
2	☐	1.000					
3	☐	1.000		5402012.84		A	0.8
4	☐	1.000		5422667.77		A	0.5
5	☐	1.000		5470910.13		A	1.3
6	☐	1.000		5558868.88		A	0.7
7	☐	1.000		5602120.82		A	0.7
8	☐	1.000		5773438.18		A	0.1
9	☐	1.000		5666080.40		A	1.0

209 Bi (ISTD) [He]

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1415631.59		P	1.4
2	☐	1.000					
3	☐	1.000		1436801.68		P	1.0
4	☐	1.000		1414664.46		P	4.4
5	☐	1.000		1437433.71		P	0.5
6	☐	1.000		1420183.33		P	0.5
7	☐	1.000		1425021.09		P	0.4
8	☐	1.000		1375939.77		P	6.0
9	☐	1.000		1371709.06		P	0.6

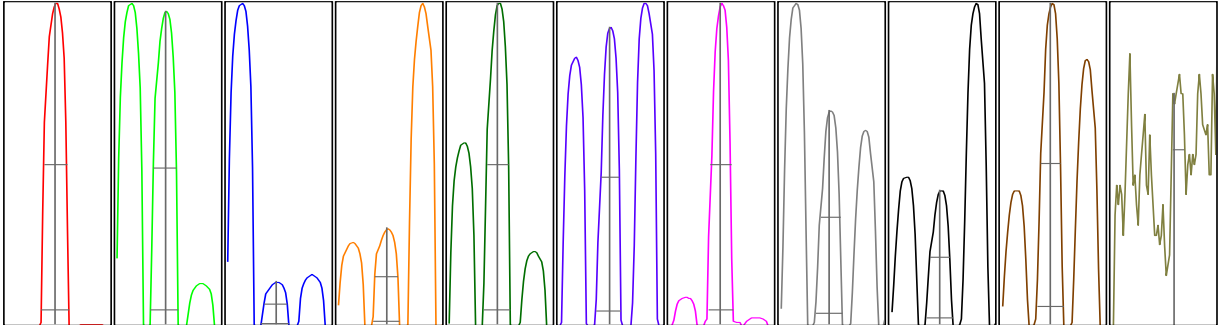
US EPA Tune Check Sample Report

Batch Folder D:\P8032318 -MS.b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	4835	0.62	5.00	
24	32487	0.23	5.00	
25	4409	0.46	5.00	
26	5123	0.64	5.00	
59	51897	0.52	5.00	
113	7341	0.43	5.00	
115	93057	1.25	5.00	
206	21025	0.95	5.00	
207	19112	0.89	5.00	
208	45345	0.90	5.00	
220	1	14.22		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	4794	4831	4832	4878	4840
24	32456	32386	32577	32474	32540
25	4398	4407	4445	4399	4398
26	5086	5099	5164	5120	5147
59	51585	51971	51989	51685	52257
113	7339	7355	7335	7295	7383
115	93455	94666	91951	91900	93311
206	20815	21090	20851	21060	21308
207	18900	19037	19128	19129	19368
208	44751	45369	45251	45482	45872
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	7829	8.95	8.9 - 9.1		0.786	0.900	
24	52694	23.95	23.9 - 24.1		0.785	0.900	
25	7151	24.95	24.9 - 25.1		0.785	0.900	
26	8366	25.95	25.9 - 26.1		0.769	0.900	
59	87933	58.95	58.9 - 59.1		0.776	0.900	
113	13734	113.00	112.9 - 113.1		0.718	0.900	
115	170566	115.00	114.9 - 115.1		0.735	0.900	
206	38722	205.95	205.9 - 206.1		0.770	0.900	
207	35208	206.95	206.9 - 207.1		0.772	0.900	
208	83849	207.95	207.9 - 208.1		0.767	0.900	
220	1	220.35	-				

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	9.8	V	Deflect	14.4	V
Extract 2	-185.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-90	V	Cell Exit	-50	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	No		OctP Bias	-8.0	V	Energy Discrimination		5.0 V
He Flow	0.0	mL/min	OctP RF	160	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	6292	1.92	
89	1663	1.76	
205	9902	1.78	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	6382	6370	6317	6084	6306
89	1680	1667	1676	1611	1681
205	10004	10050	9957	9603	9896

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	9.8	V	Deflect	2.8	V
Extract 2	-185.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-90	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	160	V			

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 16:10:04	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.65	-0.83	-0.83	0.00	N/A	ppb
Antimony	121-1	-0.02	-0.01	0.03	0.00	N/A	ppb
Arsenic	75-1	0.01	0.04	-0.05	0.00	N/A	ppb
Barium	135-1	0.01	-0.01	0.00	0.00	N/A	ppb
Barium	137-1	-0.02	0.02	0.00	0.00	N/A	ppb
Beryllium	9-1	-0.01	-0.03	0.04	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.10	0.02	0.07	0.00	N/A	ppb
Boron	11-1	-0.04	0.14	-0.11	0.00	N/A	ppb
Cadmium	111-1	0.01	0.03	-0.04	0.00	N/A	ppb
Cadmium	106-1	0.15	0.35	-0.50	0.00	N/A	ppb
Cadmium	108-1	-0.05	0.00	0.05	0.00	N/A	ppb
Calcium	43-1	-0.62	-1.69	2.31	0.00	N/A	ppb
Calcium	44-1	-0.93	-0.96	1.90	0.00	N/A	ppb
Chromium	52-2	-0.01	0.03	-0.02	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.00	0.02	-0.02	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	0.01	-0.21	0.20	0.00	N/A	ppb
Iron	57-2	0.51	-0.24	-0.26	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	-0.01	0.02	-0.01	0.00	N/A	ppb
Lead	207-1	0.00	-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	1.15	-2.33	1.18	0.00	N/A	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 16:10:04	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.04	-0.05	0.00	N/A	ppb
Molybdenum	94-1	0.01	-0.03	0.03	0.00	N/A	ppb
Molybdenum	95-1	0.00	-0.02	0.02	0.00	N/A	ppb
Molybdenum	96-1	-0.02	0.01	0.01	0.00	N/A	ppb
Molybdenum	97-1	0.02	-0.02	0.00	0.00	N/A	ppb
Molybdenum	98-1	-0.03	0.00	0.03	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.06	0.08	0.00	N/A	ppb
Phosphorus	31-2	-18.47	-18.47	-18.47	-18.47		ppb
Potassium	39-2	5.86	14.11	-19.97	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	1.10	-0.55	-0.55	0.00	N/A	ppb
Selenium	82-1	0.07	0.26	-0.33	0.00	N/A	ppb
Silicon	28-1	0.90	-2.39	1.49	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	0.02	-0.32	0.31	0.00	N/A	ppb
Strontium	86-1	-0.03	0.03	0.00	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-47.59	-243.71	45.99	-81.77		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.01	-0.01	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	-0.01	0.01	0.00	N/A	ppb
Tin	118-1	-0.02	0.00	0.02	0.00	N/A	ppb
Titanium	47-1	0.02	-0.01	-0.02	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	-0.01	0.01	-0.01	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 16:10:04	DataFile Name :	003CALB.d

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

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 16:17:38	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.34	21.38	31.63	24.78	23.92	ppb
Antimony	121-1	1.92	1.89	1.90	1.90	0.94	ppb
Arsenic	75-1	0.96	1.11	1.04	1.04	6.94	ppb
Barium	135-1	9.33	9.24	9.10	9.22	1.25	ppb
Barium	137-1	9.30	9.69	9.22	9.40	2.64	ppb
Beryllium	9-1	0.92	1.00	0.79	0.90	11.65	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Boron	10-1	24.31	22.86	23.66	23.61	3.08	ppb
Boron	11-1	20.79	22.74	21.75	21.76	4.48	ppb
Cadmium	111-1	0.87	0.88	0.91	0.89	2.45	ppb
Cadmium	106-1	-0.65	0.34	0.43	0.04	1555.78	ppb
Cadmium	108-1	0.70	0.98	1.23	0.97	27.53	ppb
Calcium	43-1	445.77	482.35	443.08	457.07	4.80	ppb
Calcium	44-1	452.01	458.91	447.55	452.83	1.26	ppb
Chromium	52-2	1.60	1.92	2.02	1.85	11.79	ppb
Cobalt	59-2	0.97	0.85	0.88	0.90	6.82	ppb
Copper	63-2	1.87	1.75	2.01	1.88	7.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	48.31	48.11	48.87	48.43	0.81	ppb
Iron	57-2	45.35	41.55	41.28	42.73	5.33	ppb
Krypton	83-1						cps
Lead	206-1	0.95	0.96	0.90	0.94	3.60	ppb
Lead	207-1	1.02	0.91	0.94	0.96	6.15	ppb
Lead	208-1	0.98	0.95	0.94	0.96	1.94	ppb
Lithium	6-1				100		%
Magnesium	24-2	478.12	478.89	464.10	473.70	1.76	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 16:17:38	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.80	1.24	0.87	0.97	24.42	ppb
Molybdenum	94-1	4.60	4.51	4.63	4.58	1.32	ppb
Molybdenum	95-1	4.51	4.71	4.42	4.54	3.25	ppb
Molybdenum	96-1	4.56	4.55	4.20	4.43	4.63	ppb
Molybdenum	97-1	4.57	4.48	4.49	4.51	1.17	ppb
Molybdenum	98-1	4.46	4.57	4.48	4.50	1.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.17	0.97	1.23	1.12	12.13	ppb
Phosphorus	31-2	18.29	18.35	18.78	18.47	1.46	ppb
Potassium	39-2	496.94	469.66	519.30	495.30	5.02	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	77-2	9.75	0.00	9.97	6.57	86.62	ppb
Selenium	78-2	1.09	4.40	2.81	2.77	59.78	ppb
Selenium	82-1	3.80	4.97	4.29	4.35	13.46	ppb
Silicon	28-1	16.68	16.64	12.88	15.40	14.16	ppb
Silver	109-1	0.96	0.93	0.95	0.94	1.51	ppb
Silver	107-1	0.99	1.01	1.05	1.01	3.12	ppb
Sodium	23-2	472.13	456.22	474.02	467.45	2.09	ppb
Strontium	86-1	1.01	0.95	0.95	0.97	3.58	ppb
Strontium	88-1	0.96	0.97	0.96	0.96	0.63	ppb
Sulfur	34-1	90.84	191.87	-37.40	81.77	140.52	ppb
Terbium	159-1				99		%
Terbium	159-2				101		%
Thallium	203-1	0.87	0.93	1.01	0.94	7.15	ppb
Thallium	205-1	0.97	0.96	0.95	0.96	1.23	ppb
Tin	118-1	4.65	4.61	4.81	4.69	2.32	ppb
Titanium	47-1	4.25	5.37	4.93	4.85	11.56	ppb
Uranium	238-1	0.95	0.93	0.89	0.93	3.11	ppb
Vanadium	51-2	3.89	4.40	4.32	4.20	6.49	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	2.56	2.84	2.69	2.70	5.18	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 16:17:38	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.91	0.96	0.89	0.92	3.64	ppb
Zirconium	91-1	0.93	1.02	0.84	0.93	9.77	ppb

LB Number : LB94183 Operator : Jaswal
 Lab Sample ID : S03 Instrumnet Name : P8
 Client Sample ID : S03 Dilution Factor : 1
 Date & Time Acquired :: 2018-03-23 16:21:22 DataFile Name : 006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	936.03	1016.38	1040.23	997.55	5.47	ppb
Antimony	121-1	51.70	50.99	51.92	51.54	0.95	ppb
Arsenic	75-1	48.87	49.57	50.60	49.68	1.75	ppb
Barium	135-1	263.50	259.46	262.94	261.97	0.84	ppb
Barium	137-1	261.87	262.70	265.84	263.47	0.80	ppb
Beryllium	9-1	52.39	51.13	52.09	51.87	1.27	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	48.08	49.96	49.98	49.34	2.21	ppb
Boron	11-1	48.98	48.00	50.23	49.07	2.28	ppb
Cadmium	111-1	53.64	52.52	54.65	53.61	1.99	ppb
Cadmium	106-1	56.20	55.98	54.24	55.47	1.94	ppb
Cadmium	108-1	50.91	55.76	56.98	54.55	5.89	ppb
Calcium	43-1	4970.66	5028.64	5038.78	5012.69	0.73	ppb
Calcium	44-1	4998.70	5013.91	5058.34	5023.65	0.62	ppb
Chromium	52-2	49.25	53.41	48.90	50.52	4.97	ppb
Cobalt	59-2	48.95	54.38	49.44	50.92	5.90	ppb
Copper	63-2	98.98	106.95	100.14	102.02	4.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				98		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	56-2	2567.64	2785.80	2576.24	2643.23	4.67	ppb
Iron	57-2	2569.37	2787.03	2608.98	2655.13	4.37	ppb
Krypton	83-1						cps
Lead	206-1	49.57	49.44	49.58	49.53	0.15	ppb
Lead	207-1	50.34	48.41	50.09	49.61	2.11	ppb
Lead	208-1	49.78	48.99	49.99	49.59	1.06	ppb
Lithium	6-1				99		%
Magnesium	24-2	5211.02	5589.45	5178.43	5326.30	4.29	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 16:21:22	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	99.02	108.94	95.84	101.27	6.75	ppb
Molybdenum	94-1	251.94	251.73	255.17	252.95	0.76	ppb
Molybdenum	95-1	250.52	251.02	253.36	251.64	0.60	ppb
Molybdenum	96-1	252.45	247.90	252.00	250.78	1.00	ppb
Molybdenum	97-1	255.77	250.85	253.97	253.53	0.98	ppb
Molybdenum	98-1	249.35	250.77	254.03	251.38	0.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	49.90	55.19	50.24	51.78	5.71	ppb
Phosphorus	31-2	523.62	957.46	980.58	820.55	31.37	ppb
Potassium	39-2	2578.16	2798.07	2671.55	2682.59	4.11	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	77-2	19.45	42.06	48.39	36.63	41.53	ppb
Selenium	78-2	48.54	47.26	46.69	47.50	2.00	ppb
Selenium	82-1	50.66	50.76	50.04	50.49	0.77	ppb
Silicon	28-1	55.28	54.64	60.34	56.75	5.50	ppb
Silver	109-1	54.62	53.80	54.73	54.39	0.94	ppb
Silver	107-1	55.14	54.33	55.01	54.83	0.79	ppb
Sodium	23-2	4962.86	5381.98	4988.01	5110.95	4.60	ppb
Strontium	86-1	49.50	50.96	51.46	50.64	2.01	ppb
Strontium	88-1	50.92	50.84	51.47	51.08	0.67	ppb
Sulfur	34-1	1138.14	949.21	1243.93	1110.43	13.45	ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	50.39	48.58	50.02	49.66	1.92	ppb
Thallium	205-1	49.95	50.31	50.73	50.33	0.78	ppb
Tin	118-1	51.64	51.34	53.01	52.00	1.71	ppb
Titanium	47-1	253.91	252.33	257.42	254.55	1.02	ppb
Uranium	238-1	48.59	48.55	48.91	48.68	0.40	ppb
Vanadium	51-2	49.67	51.98	49.30	50.32	2.89	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	104.42	109.06	99.55	104.34	4.56	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 16:21:22	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	49.78	49.78	50.75	50.10	1.11	ppb
Zirconium	91-1	49.01	48.94	49.84	49.26	1.01	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 16:25:06	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2535.43	2552.36	2406.11	2497.97	3.20	ppb
Antimony	121-1	125.27	127.15	131.51	127.98	2.50	ppb
Arsenic	75-1	122.92	124.79	126.20	124.64	1.32	ppb
Barium	135-1	634.58	650.56	668.74	651.29	2.62	ppb
Barium	137-1	634.51	648.40	658.64	647.18	1.87	ppb
Beryllium	9-1	124.23	125.03	128.28	125.85	1.70	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Boron	10-1	120.46	113.38	123.58	119.14	4.39	ppb
Boron	11-1	117.54	122.76	125.57	121.96	3.34	ppb
Cadmium	111-1	129.46	130.54	136.29	132.09	2.78	ppb
Cadmium	106-1	125.19	128.78	137.61	130.52	4.90	ppb
Cadmium	108-1	133.08	133.75	137.63	134.82	1.82	ppb
Calcium	43-1	12475.14	12515.29	12811.41	12600.61	1.46	ppb
Calcium	44-1	12360.58	12649.52	12822.57	12610.89	1.85	ppb
Chromium	52-2	124.00	124.79	124.70	124.49	0.35	ppb
Cobalt	59-2	125.12	124.01	124.81	124.64	0.46	ppb
Copper	63-2	253.86	251.08	249.82	251.59	0.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	56-2	6630.08	6566.26	6613.28	6603.21	0.50	ppb
Iron	57-2	6493.98	6528.11	6337.02	6453.04	1.58	ppb
Krypton	83-1						cps
Lead	206-1	123.77	124.93	125.17	124.62	0.60	ppb
Lead	207-1	121.18	124.01	124.69	123.29	1.51	ppb
Lead	208-1	122.78	124.53	125.85	124.39	1.24	ppb
Lithium	6-1				100		%
Magnesium	24-2	13270.36	13200.54	13281.68	13250.86	0.33	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 16:25:06	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	248.53	241.72	244.22	244.82	1.41	ppb
Molybdenum	94-1	619.82	633.54	641.10	631.49	1.71	ppb
Molybdenum	95-1	610.75	626.91	645.50	627.72	2.77	ppb
Molybdenum	96-1	621.64	637.55	645.40	634.86	1.91	ppb
Molybdenum	97-1	614.73	626.74	637.10	626.19	1.79	ppb
Molybdenum	98-1	621.37	631.80	640.60	631.26	1.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	123.98	124.85	125.90	124.91	0.77	ppb
Phosphorus	31-2	2512.80	1957.78	2019.35	2163.31	14.06	ppb
Potassium	39-2	6643.15	6408.17	6487.63	6512.98	1.84	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	77-2	216.82	110.61	127.81	151.74	37.57	ppb
Selenium	78-2	142.13	119.63	120.29	127.35	10.05	ppb
Selenium	82-1	125.28	127.87	131.76	128.30	2.54	ppb
Silicon	28-1	134.82	139.49	144.49	139.60	3.46	ppb
Silver	109-1	130.24	132.51	134.94	132.56	1.77	ppb
Silver	107-1	130.30	132.97	136.81	133.36	2.45	ppb
Sodium	23-2	12829.92	12529.46	12724.76	12694.71	1.20	ppb
Strontium	86-1	123.33	124.38	125.44	124.38	0.85	ppb
Strontium	88-1	124.76	128.51	130.38	127.89	2.24	ppb
Sulfur	34-1	2382.43	2428.18	2668.15	2492.92	6.16	ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	122.04	124.34	126.91	124.43	1.96	ppb
Thallium	205-1	124.88	126.15	127.51	126.18	1.04	ppb
Tin	118-1	127.43	128.14	130.82	128.80	1.39	ppb
Titanium	47-1	612.62	617.23	635.55	621.80	1.95	ppb
Uranium	238-1	123.92	124.91	127.38	125.40	1.42	ppb
Vanadium	51-2	122.29	123.50	122.37	122.72	0.55	ppb
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	248.17	244.56	255.23	249.32	2.18	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 16:25:06	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	124.62	124.74	127.04	125.47	1.09	ppb
Zirconium	91-1	123.20	124.55	125.08	124.28	0.78	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 16:28:46	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5177.77	5026.97	4868.64	5024.46	3.08	ppb
Antimony	121-1	255.41	252.51	257.25	255.06	0.94	ppb
Arsenic	75-1	252.26	249.94	250.20	250.80	0.51	ppb
Barium	135-1	1290.40	1264.09	1289.41	1281.30	1.16	ppb
Barium	137-1	1309.69	1276.80	1296.90	1294.46	1.28	ppb
Beryllium	9-1	259.76	253.75	249.90	254.47	1.95	ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Boron	10-1	239.98	244.71	244.97	243.22	1.16	ppb
Boron	11-1	245.58	248.34	249.19	247.70	0.76	ppb
Cadmium	111-1	262.33	259.40	261.45	261.06	0.57	ppb
Cadmium	106-1	267.63	259.86	259.46	262.31	1.76	ppb
Cadmium	108-1	258.48	260.99	262.98	260.82	0.86	ppb
Calcium	43-1	25378.39	25026.29	25034.00	25146.23	0.80	ppb
Calcium	44-1	25397.31	24630.51	24745.23	24924.35	1.66	ppb
Chromium	52-2	250.15	245.72	249.44	248.43	0.96	ppb
Cobalt	59-2	247.24	245.61	250.20	247.68	0.94	ppb
Copper	63-2	496.76	491.37	503.49	497.20	1.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				99		%
Indium	115-1				101		%
Indium	115-2				97		%
Iron	56-2	12974.41	12935.83	13377.92	13096.05	1.87	ppb
Iron	57-2	12900.68	12778.67	13040.48	12906.61	1.02	ppb
Krypton	83-1						cps
Lead	206-1	248.65	249.11	246.01	247.93	0.67	ppb
Lead	207-1	249.51	248.28	247.29	248.36	0.45	ppb
Lead	208-1	253.33	251.25	251.44	252.01	0.46	ppb
Lithium	6-1				98		%
Magnesium	24-2	26725.15	25599.94	26440.87	26255.32	2.23	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 16:28:46	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	497.63	489.15	493.03	493.27	0.86	ppb
Molybdenum	94-1	1302.19	1271.30	1285.37	1286.29	1.20	ppb
Molybdenum	95-1	1297.03	1272.98	1268.32	1279.44	1.20	ppb
Molybdenum	96-1	1285.90	1255.83	1252.62	1264.79	1.45	ppb
Molybdenum	97-1	1308.12	1277.82	1277.44	1287.79	1.37	ppb
Molybdenum	98-1	1283.80	1249.52	1256.02	1263.12	1.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	250.53	246.10	251.22	249.28	1.11	ppb
Phosphorus	31-2	4984.32	5208.74	5659.49	5284.18	6.51	ppb
Potassium	39-2	12994.82	12722.85	12743.12	12820.26	1.18	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				98		%
Scandium	45-2				98		%
Selenium	77-2	307.47	209.84	201.67	239.66	24.56	ppb
Selenium	78-2	258.25	243.38	250.69	250.77	2.97	ppb
Selenium	82-1	256.16	247.92	252.33	252.14	1.64	ppb
Silicon	28-1	289.30	278.26	281.55	283.04	2.00	ppb
Silver	109-1	263.50	261.63	261.63	262.25	0.41	ppb
Silver	107-1	264.59	262.01	264.11	263.57	0.52	ppb
Sodium	23-2	25654.30	24906.55	25420.35	25327.07	1.51	ppb
Strontium	86-1	251.36	247.16	248.19	248.90	0.88	ppb
Strontium	88-1	257.01	255.00	257.28	256.43	0.49	ppb
Sulfur	34-1	5251.74	4957.85	4793.37	5000.99	4.64	ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	250.37	250.75	247.63	249.58	0.68	ppb
Thallium	205-1	258.15	256.01	254.81	256.33	0.66	ppb
Tin	118-1	255.44	255.37	258.14	256.32	0.62	ppb
Titanium	47-1	1268.10	1232.32	1238.59	1246.34	1.53	ppb
Uranium	238-1	248.32	248.41	249.03	248.58	0.16	ppb
Vanadium	51-2	246.87	241.55	244.64	244.35	1.09	ppb
Yttrium	89-1				100		%
Yttrium	89-2				98		%
Zinc	66-2	502.27	485.89	493.31	493.82	1.66	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 16:28:46	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	259.94	252.11	257.91	256.65	1.58	ppb
Zirconium	91-1	251.83	244.84	249.14	248.60	1.42	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 16:32:21	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9714.46	9683.34	10359.47	9919.09	3.85	ppb
Antimony	121-1	512.74	512.83	513.94	513.17	0.13	ppb
Arsenic	75-1	503.62	500.19	503.74	502.52	0.40	ppb
Barium	135-1	2555.15	2559.49	2559.50	2558.05	0.10	ppb
Barium	137-1	2547.01	2565.33	2543.70	2552.02	0.46	ppb
Beryllium	9-1	505.12	501.09	508.97	505.06	0.78	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Boron	10-1	498.48	483.37	512.80	498.22	2.95	ppb
Boron	11-1	492.86	496.38	508.75	499.33	1.67	ppb
Cadmium	111-1	506.69	510.72	513.64	510.35	0.68	ppb
Cadmium	106-1	501.30	515.77	509.40	508.82	1.43	ppb
Cadmium	108-1	520.62	518.13	508.24	515.67	1.27	ppb
Calcium	43-1	49810.19	49512.60	50277.38	49866.72	0.77	ppb
Calcium	44-1	49302.71	48744.83	49881.05	49309.53	1.15	ppb
Chromium	52-2	489.17	488.41	500.81	492.80	1.41	ppb
Cobalt	59-2	493.47	493.24	507.97	498.23	1.69	ppb
Copper	63-2	985.05	979.44	1007.77	990.75	1.51	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				105		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				96		%
Iron	56-2	26051.34	25977.47	26496.06	26174.96	1.07	ppb
Iron	57-2	25799.28	25713.31	26107.62	25873.40	0.80	ppb
Krypton	83-1						cps
Lead	206-1	501.47	506.50	502.60	503.52	0.52	ppb
Lead	207-1	497.25	495.61	492.70	495.19	0.46	ppb
Lead	208-1	499.88	504.65	503.37	502.63	0.49	ppb
Lithium	6-1				96		%
Magnesium	24-2	51623.91	51962.52	53120.36	52235.59	1.50	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 16:32:21	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	986.65	979.61	1004.45	990.24	1.29	ppb
Molybdenum	94-1	2558.81	2528.88	2551.62	2546.44	0.61	ppb
Molybdenum	95-1	2530.37	2515.94	2540.85	2529.05	0.49	ppb
Molybdenum	96-1	2533.99	2538.95	2562.73	2545.22	0.60	ppb
Molybdenum	97-1	2535.97	2541.27	2566.95	2548.06	0.65	ppb
Molybdenum	98-1	2518.68	2523.93	2536.37	2526.32	0.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	490.49	491.30	505.39	495.73	1.69	ppb
Phosphorus	31-2	11130.62	9767.89	10147.87	10348.80	6.80	ppb
Potassium	39-2	25018.76	25426.22	25985.08	25476.69	1.90	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	77-2	566.81	478.23	429.61	491.55	14.15	ppb
Selenium	78-2	514.07	490.92	456.94	487.31	5.90	ppb
Selenium	82-1	507.70	508.09	508.40	508.06	0.07	ppb
Silicon	28-1	524.26	524.62	537.50	528.80	1.43	ppb
Silver	109-1	517.66	520.61	521.58	519.95	0.39	ppb
Silver	107-1	515.37	522.19	516.21	517.92	0.72	ppb
Sodium	23-2	50256.84	50491.75	51720.84	50823.14	1.55	ppb
Strontium	86-1	493.74	502.13	501.40	499.09	0.93	ppb
Strontium	88-1	504.70	504.36	507.97	505.68	0.39	ppb
Sulfur	34-1	10063.72	9834.02	9988.92	9962.22	1.18	ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	506.30	515.06	508.14	509.83	0.91	ppb
Thallium	205-1	498.27	508.25	500.15	502.22	1.06	ppb
Tin	118-1	507.84	507.25	514.00	509.70	0.73	ppb
Titanium	47-1	2535.10	2544.45	2541.49	2540.35	0.19	ppb
Uranium	238-1	494.03	506.34	498.82	499.73	1.24	ppb
Vanadium	51-2	488.62	488.74	508.59	495.32	2.32	ppb
Yttrium	89-1				100		%
Yttrium	89-2				98		%
Zinc	66-2	994.67	992.39	1011.20	999.42	1.03	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 16:32:21	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	510.11	511.34	511.78	511.08	0.17	ppb
Zirconium	91-1	497.64	499.28	501.36	499.43	0.37	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 16:35:51	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21940.77	19480.86	19442.71	20288.11	7.06	ppb
Antimony	121-1	1002.88	978.83	993.39	991.70	1.22	ppb
Arsenic	75-1	998.83	990.42	1006.56	998.60	0.81	ppb
Barium	135-1	5025.17	4909.27	4943.36	4959.27	1.20	ppb
Barium	137-1	4998.23	4942.21	4937.85	4959.43	0.68	ppb
Beryllium	9-1	989.97	999.11	999.38	996.15	0.54	ppb
Bismuth	209-1				107		%
Bismuth	209-2				97		%
Boron	10-1	970.73	1014.87	1024.56	1003.39	2.86	ppb
Boron	11-1	983.18	1001.78	1019.29	1001.42	1.80	ppb
Cadmium	111-1	1002.57	982.82	987.60	990.99	1.04	ppb
Cadmium	106-1	997.67	979.71	997.25	991.55	1.03	ppb
Cadmium	108-1	999.89	976.42	987.72	988.01	1.19	ppb
Calcium	43-1	97820.14	96961.70	100234.85	98338.90	1.73	ppb
Calcium	44-1	98247.12	98217.33	98164.39	98209.61	0.04	ppb
Chromium	52-2	1069.13	978.57	964.39	1004.03	5.66	ppb
Cobalt	59-2	1068.82	974.30	961.28	1001.47	5.86	ppb
Copper	63-2	2130.59	1939.23	1945.25	2005.02	5.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				98		%
Indium	115-1				101		%
Indium	115-2				91		%
Iron	56-2	55994.67	51254.70	50425.36	52558.24	5.72	ppb
Iron	57-2	55902.49	51187.31	50417.36	52502.39	5.66	ppb
Krypton	83-1						cps
Lead	206-1	997.61	991.54	1007.34	998.83	0.80	ppb
Lead	207-1	1000.15	999.22	1009.78	1003.05	0.58	ppb
Lead	208-1	993.73	998.13	1002.97	998.28	0.46	ppb
Lithium	6-1				96		%
Magnesium	24-2	114194.06	102602.43	102659.07	106485.19	6.27	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 16:35:51	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2141.02	1948.17	1932.25	2007.15	5.79	ppb
Molybdenum	94-1	4953.00	4986.00	4961.26	4966.75	0.35	ppb
Molybdenum	95-1	4934.57	4993.51	5005.00	4977.69	0.76	ppb
Molybdenum	96-1	4983.32	4992.69	4941.25	4972.42	0.55	ppb
Molybdenum	97-1	4993.42	4965.90	4939.27	4966.20	0.55	ppb
Molybdenum	98-1	5008.31	4996.04	4943.77	4982.71	0.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1064.76	978.33	963.62	1002.24	5.45	ppb
Phosphorus	31-2	21011.70	20394.07	18011.07	19805.61	8.00	ppb
Potassium	39-2	53979.10	49439.10	49570.36	50996.19	5.07	ppb
Rhodium	103-1				97		%
Rhodium	103-2				92		%
Scandium	45-1				98		%
Scandium	45-2				95		%
Selenium	77-2	1042.85	939.62	1029.92	1004.13	5.60	ppb
Selenium	78-2	1135.92	923.06	959.00	1006.00	11.33	ppb
Selenium	82-1	991.74	994.90	998.35	995.00	0.33	ppb
Silicon	28-1	978.07	959.87	987.44	975.13	1.44	ppb
Silver	109-1	996.58	976.95	983.86	985.80	1.01	ppb
Silver	107-1	1002.63	976.44	980.00	986.36	1.44	ppb
Sodium	23-2	108749.14	98665.63	96549.60	101321.46	6.43	ppb
Strontium	86-1	997.23	1007.24	997.86	1000.77	0.56	ppb
Strontium	88-1	987.24	995.20	1002.97	995.14	0.79	ppb
Sulfur	34-1	20088.10	19894.03	20059.89	20014.01	0.52	ppb
Terbium	159-1				107		%
Terbium	159-2				98		%
Thallium	203-1	988.47	998.34	999.02	995.28	0.59	ppb
Thallium	205-1	988.82	1001.26	1001.35	997.14	0.72	ppb
Tin	118-1	998.48	987.66	992.85	993.00	0.55	ppb
Titanium	47-1	4999.33	4960.30	4983.12	4980.91	0.39	ppb
Uranium	238-1	998.06	1004.05	999.41	1000.50	0.31	ppb
Vanadium	51-2	1065.22	976.19	970.67	1004.03	5.29	ppb
Yttrium	89-1				102		%
Yttrium	89-2				94		%
Zinc	66-2	2135.78	1946.41	1922.92	2001.70	5.83	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 16:35:51	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	993.43	998.84	985.93	992.74	0.65	ppb
Zirconium	91-1	993.60	1009.31	999.38	1000.76	0.79	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 16:39:18	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	97524.30	102055.79	100267.86	99949.32	2.28	ppb
Antimony	121-1	3.26	3.52	3.78	3.52	7.47	ppb
Arsenic	75-1	1.88	1.69	1.93	1.83	6.82	ppb
Barium	135-1	1.68	1.72	1.65	1.68	2.10	ppb
Barium	137-1	1.67	1.72	1.58	1.65	4.23	ppb
Beryllium	9-1	0.85	0.66	0.58	0.70	20.12	ppb
Bismuth	209-1				105		%
Bismuth	209-2				97		%
Boron	10-1	48.12	43.18	39.23	43.51	10.23	ppb
Boron	11-1	47.60	41.13	39.79	42.84	9.74	ppb
Cadmium	111-1	0.21	0.19	0.24	0.22	11.61	ppb
Cadmium	106-1	-0.79	0.06	0.40	-0.11		ppb
Cadmium	108-1	0.25	0.19	0.19	0.21	16.96	ppb
Calcium	43-1	504044.13	494521.24	502441.54	500335.64	1.02	ppb
Calcium	44-1	507155.90	493149.14	500978.79	500427.95	1.40	ppb
Chromium	52-2	40.37	44.40	42.54	42.44	4.75	ppb
Cobalt	59-2	11.76	11.98	11.93	11.89	0.98	ppb
Copper	63-2	3.91	4.22	3.87	4.00	4.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				95		%
Iron	56-2	244059.80	253154.52	250778.05	249330.79	1.89	ppb
Iron	57-2	245223.90	251818.43	251113.35	249385.23	1.45	ppb
Krypton	83-1						cps
Lead	206-1	2.03	1.81	2.02	1.96	6.23	ppb
Lead	207-1	1.81	1.80	1.85	1.82	1.37	ppb
Lead	208-1	1.93	1.87	1.89	1.90	1.60	ppb
Lithium	6-1				99		%
Magnesium	24-2	490576.20	505801.47	498806.21	498394.63	1.53	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 16:39:18	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	9.36	9.02	9.87	9.42	4.53	ppb
Molybdenum	94-1	6.76	6.84	7.28	6.96	4.06	ppb
Molybdenum	95-1	9.30	9.22	9.86	9.46	3.71	ppb
Molybdenum	96-1	9.55	9.73	9.92	9.73	1.88	ppb
Molybdenum	97-1	8.96	9.22	9.83	9.34	4.80	ppb
Molybdenum	98-1	9.28	9.04	10.01	9.44	5.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	34.34	37.34	34.82	35.50	4.55	ppb
Phosphorus	31-2	-18.47	20.54	19.67	7.25	307.44	ppb
Potassium	39-2	243610.53	252766.66	252808.88	249728.69	2.12	ppb
Rhodium	103-1				95		%
Rhodium	103-2				92		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	2.83	1.16	2.82	2.27	42.36	ppb
Selenium	82-1	1.01	1.06	1.49	1.18	22.44	ppb
Silicon	28-1	62.64	59.79	65.22	62.55	4.34	ppb
Silver	109-1	0.14	0.15	0.12	0.14	10.21	ppb
Silver	107-1	0.17	0.14	0.14	0.15	9.46	ppb
Sodium	23-2	486960.99	509191.79	502740.50	499631.10	2.29	ppb
Strontium	86-1	34.41	33.20	33.80	33.81	1.79	ppb
Strontium	88-1	35.26	34.01	34.44	34.57	1.84	ppb
Sulfur	34-1	-848.97	-1006.26	-804.12	-886.45		ppb
Terbium	159-1				108		%
Terbium	159-2				102		%
Thallium	203-1	0.59	0.56	0.61	0.58	4.39	ppb
Thallium	205-1	0.64	0.57	0.59	0.60	5.64	ppb
Tin	118-1	1.52	1.54	1.35	1.47	7.16	ppb
Titanium	47-1	1.40	1.57	1.36	1.44	7.59	ppb
Uranium	238-1	0.12	0.11	0.11	0.11	5.77	ppb
Vanadium	51-2	0.53	0.34	0.52	0.46	23.57	ppb
Yttrium	89-1				103		%
Yttrium	89-2				97		%
Zinc	66-2	13.55	12.21	12.88	12.88	5.23	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 16:39:18	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.28	0.22	0.23	0.24	12.37	ppb
Zirconium	91-1	0.28	0.25	0.24	0.26	8.07	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 16:53:42	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	547.07	574.28	616.52	579.29	6.04	ppb
Antimony	121-1	198.90	196.54	198.89	198.11	0.69	ppb
Arsenic	75-1	198.25	197.45	194.44	196.71	1.02	ppb
Barium	135-1	101.89	101.55	100.28	101.24	0.83	ppb
Barium	137-1	102.49	100.85	101.57	101.63	0.81	ppb
Beryllium	9-1	98.81	101.36	98.11	99.43	1.72	ppb
Bismuth	209-1				105		%
Bismuth	209-2				100		%
Boron	10-1	516.31	530.31	526.00	524.21	1.37	ppb
Boron	11-1	522.47	537.06	535.81	531.78	1.52	ppb
Cadmium	111-1	107.51	104.38	106.76	106.22	1.54	ppb
Cadmium	106-1	167.59	150.03	160.91	159.51	5.56	ppb
Cadmium	108-1	135.54	131.61	134.51	133.89	1.52	ppb
Calcium	43-1	2113.91	2121.17	2135.25	2123.44	0.51	ppb
Calcium	44-1	2041.25	2060.93	2036.24	2046.14	0.64	ppb
Chromium	52-2	97.22	94.52	94.65	95.46	1.60	ppb
Cobalt	59-2	99.11	96.87	98.85	98.28	1.25	ppb
Copper	63-2	98.42	96.61	98.20	97.74	1.01	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				99		%
Indium	115-1				101		%
Indium	115-2				97		%
Iron	56-2	1037.18	1010.01	1022.81	1023.34	1.33	ppb
Iron	57-2	1073.91	976.74	1016.16	1022.27	4.78	ppb
Krypton	83-1						cps
Lead	206-1	196.71	195.32	199.12	197.05	0.98	ppb
Lead	207-1	189.00	186.58	190.28	188.62	1.00	ppb
Lead	208-1	194.62	191.77	195.78	194.06	1.06	ppb
Lithium	6-1				98		%
Magnesium	24-2	1250.92	1269.06	1278.36	1266.11	1.10	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 16:53:42	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	98.38	96.70	98.97	98.02	1.20	ppb
Molybdenum	94-1	1097.27	1105.84	1103.87	1102.32	0.41	ppb
Molybdenum	95-1	486.73	485.07	478.75	483.52	0.87	ppb
Molybdenum	96-1	570.36	564.87	563.34	566.19	0.65	ppb
Molybdenum	97-1	489.41	485.00	481.74	485.38	0.79	ppb
Molybdenum	98-1	494.56	492.23	485.25	490.68	0.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	100.06	99.51	101.16	100.24	0.84	ppb
Phosphorus	31-2	-18.47	-18.47	57.39	6.82	642.50	ppb
Potassium	39-2	1912.26	1944.57	2047.50	1968.11	3.59	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				98		%
Scandium	45-2				98		%
Selenium	77-2	160.89	301.59	203.60	222.02	32.49	ppb
Selenium	78-2	211.08	200.85	218.81	210.24	4.28	ppb
Selenium	82-1	204.99	200.56	194.24	199.93	2.70	ppb
Silicon	28-1	384.91	383.47	374.57	380.98	1.47	ppb
Silver	109-1	102.07	102.89	103.62	102.86	0.75	ppb
Silver	107-1	103.25	103.36	104.19	103.60	0.49	ppb
Sodium	23-2	1985.18	2005.30	2000.53	1997.00	0.53	ppb
Strontium	86-1	485.12	484.14	480.98	483.41	0.45	ppb
Strontium	88-1	491.26	490.62	488.63	490.17	0.28	ppb
Sulfur	34-1	-559.41	-614.66	-717.81	-630.63		ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	200.56	197.17	202.51	200.08	1.35	ppb
Thallium	205-1	207.22	205.65	207.54	206.80	0.49	ppb
Tin	118-1	501.81	489.91	500.18	497.30	1.30	ppb
Titanium	47-1	483.51	478.75	473.95	478.74	1.00	ppb
Uranium	238-1	514.59	505.55	506.77	508.97	0.96	ppb
Vanadium	51-2	96.71	96.44	96.70	96.62	0.16	ppb
Yttrium	89-1				99		%
Yttrium	89-2				97		%
Zinc	66-2	197.80	195.45	198.64	197.30	0.84	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 16:53:42	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	497.22	497.14	493.77	496.04	0.40	ppb
Zirconium	91-1	487.94	485.58	478.71	484.08	0.99	ppb

LB Number : LB94183 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P8
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2018-03-23 17:00:17 DataFile Name : 013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.78	4.20	-0.83	1.72	146.30	ppb
Antimony	121-1	0.38	0.61	0.76	0.58	33.34	ppb
Arsenic	75-1	-0.04	0.07	0.07	0.03	183.42	ppb
Barium	135-1	0.00	0.00	0.00	0.00		ppb
Barium	137-1	0.00	-0.01	0.01	0.00	588.84	ppb
Beryllium	9-1	0.17	0.09	0.05	0.10	59.97	ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Boron	10-1	8.07	7.48	6.10	7.22	14.01	ppb
Boron	11-1	6.68	7.55	7.28	7.17	6.24	ppb
Cadmium	111-1	-0.01	0.03	-0.09	-0.02		ppb
Cadmium	106-1	-0.26	0.26	-1.44	-0.48		ppb
Cadmium	108-1	0.00	0.05	-0.05	0.00		ppb
Calcium	43-1	3.40	-1.39	-0.20	0.60	413.26	ppb
Calcium	44-1	0.26	-1.88	2.19	0.19	1066.73	ppb
Chromium	52-2	0.07	-0.03	0.02	0.02	244.43	ppb
Cobalt	59-2	0.01	-0.01	-0.02	-0.01		ppb
Copper	63-2	0.04	-0.01	0.03	0.02	140.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	56-2	2.26	2.82	2.75	2.61	11.85	ppb
Iron	57-2	3.09	2.12	1.34	2.18	39.99	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.04	0.03	0.04	11.17	ppb
Lead	207-1	0.01	0.02	0.02	0.02	20.67	ppb
Lead	208-1	0.02	0.02	0.02	0.02	7.73	ppb
Lithium	6-1				99		%
Magnesium	24-2	4.84	4.36	4.95	4.72	6.67	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:00:17	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.13	0.07	-0.02	0.06	125.94	ppb
Molybdenum	94-1	0.21	0.27	0.46	0.31	42.04	ppb
Molybdenum	95-1	0.28	0.35	0.44	0.36	21.76	ppb
Molybdenum	96-1	0.29	0.42	0.46	0.39	22.37	ppb
Molybdenum	97-1	0.26	0.39	0.55	0.40	35.60	ppb
Molybdenum	98-1	0.32	0.36	0.55	0.41	29.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.39	0.17	-0.01	0.18	110.45	ppb
Phosphorus	31-2	-18.47	56.54	-18.47	6.53	662.91	ppb
Potassium	39-2	23.91	-13.48	7.19	5.87	318.85	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				98		%
Scandium	45-2				98		%
Selenium	77-2	0.00	0.00	9.79	3.26	173.21	ppb
Selenium	78-2	-0.55	-0.55	4.40	1.10	259.43	ppb
Selenium	82-1	-0.27	-0.62	0.14	-0.25		ppb
Silicon	28-1	-6.39	-6.11	-6.13	-6.21		ppb
Silver	109-1	0.01	0.00	0.00	0.00	219.86	ppb
Silver	107-1	0.00	0.01	0.00	0.01	126.02	ppb
Sodium	23-2	28.77	27.47	30.00	28.75	4.40	ppb
Strontium	86-1	0.06	0.02	0.04	0.04	51.51	ppb
Strontium	88-1	0.01	0.01	0.00	0.00	33.44	ppb
Sulfur	34-1	-571.86	-412.99	-529.76	-504.87		ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	0.08	0.05	0.05	0.06	30.69	ppb
Thallium	205-1	0.06	0.06	0.05	0.06	16.19	ppb
Tin	118-1	0.08	0.14	0.22	0.15	48.66	ppb
Titanium	47-1	0.11	-0.09	-0.02	0.00	6171.22	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	28.86	ppb
Vanadium	51-2	-0.01	-0.02	-0.01	-0.01		ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	-0.09	-0.05	0.10	-0.01		ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:00:17	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	0.02	0.02	0.01	81.23	ppb
Zirconium	91-1	0.04	0.03	0.06	0.04	33.95	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:03:38	DataFile Name :	014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91864.19	89469.39	88590.46	89974.68	1.88	ppb
Antimony	121-1	1.36	1.43	1.55	1.45	6.68	ppb
Arsenic	75-1	0.43	0.25	0.33	0.33	26.42	ppb
Barium	135-1	1.55	1.58	1.52	1.55	2.11	ppb
Barium	137-1	1.57	1.46	1.50	1.51	3.74	ppb
Beryllium	9-1	0.42	0.43	0.36	0.40	9.78	ppb
Bismuth	209-1				102		%
Bismuth	209-2				98		%
Boron	10-1	9.09	8.38	7.98	8.49	6.61	ppb
Boron	11-1	9.54	8.02	7.51	8.36	12.67	ppb
Cadmium	111-1	0.23	0.26	0.21	0.23	11.01	ppb
Cadmium	106-1	-0.42	0.50	-0.91	-0.28		ppb
Cadmium	108-1	7.45	7.36	7.71	7.51	2.43	ppb
Calcium	43-1	96555.37	96131.21	98932.14	97206.24	1.55	ppb
Calcium	44-1	95452.19	96308.06	98286.48	96682.24	1.50	ppb
Chromium	52-2	19.55	19.90	19.99	19.81	1.17	ppb
Cobalt	59-2	1.11	1.08	1.17	1.12	4.11	ppb
Copper	63-2	7.31	7.26	7.30	7.29	0.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				96		%
Iron	56-2	100036.20	98386.37	97631.90	98684.83	1.25	ppb
Iron	57-2	98696.49	97535.26	96636.79	97622.85	1.06	ppb
Krypton	83-1						cps
Lead	206-1	4.79	4.87	4.84	4.83	0.89	ppb
Lead	207-1	4.08	4.21	4.32	4.20	2.79	ppb
Lead	208-1	4.43	4.50	4.51	4.48	0.99	ppb
Lithium	6-1				92		%
Magnesium	24-2	100893.22	100102.95	98430.55	99808.91	1.26	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:03:38	DataFile Name :	014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.66	6.92	7.64	7.41	5.71	ppb
Molybdenum	94-1	1347.11	1356.49	1373.05	1358.88	0.97	ppb
Molybdenum	95-1	1919.71	1915.73	1948.44	1927.96	0.93	ppb
Molybdenum	96-1	1837.59	1847.04	1877.46	1854.03	1.12	ppb
Molybdenum	97-1	1901.15	1930.63	1968.64	1933.47	1.75	ppb
Molybdenum	98-1	1906.36	1914.06	1930.53	1916.98	0.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.01	5.32	4.59	4.97	7.38	ppb
Phosphorus	31-2	91316.54	90257.66	93722.65	91765.62	1.93	ppb
Potassium	39-2	97577.48	95738.13	94729.65	96015.09	1.50	ppb
Rhodium	103-1				96		%
Rhodium	103-2				95		%
Scandium	45-1				98		%
Scandium	45-2				99		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	2.85	1.14	-0.55	1.15	148.13	ppb
Selenium	82-1	-0.10	-0.17	-0.31	-0.20		ppb
Silicon	28-1	23.81	23.57	26.92	24.76	7.54	ppb
Silver	109-1	0.08	0.08	0.08	0.08	5.26	ppb
Silver	107-1	0.06	0.08	0.07	0.07	11.83	ppb
Sodium	23-2	95319.10	95611.33	94134.28	95021.57	0.82	ppb
Strontium	86-1	32.62	34.17	33.46	33.42	2.33	ppb
Strontium	88-1	33.65	33.68	34.39	33.91	1.24	ppb
Sulfur	34-1	45355.47	44482.95	45860.54	45232.99	1.54	ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	0.20	0.22	0.25	0.22	10.63	ppb
Thallium	205-1	0.22	0.22	0.21	0.22	1.18	ppb
Tin	118-1	0.19	0.19	0.27	0.22	21.51	ppb
Titanium	47-1	1943.49	1949.76	1974.20	1955.82	0.83	ppb
Uranium	238-1	0.02	0.03	0.02	0.02	19.56	ppb
Vanadium	51-2	0.07	0.12	0.12	0.11	26.52	ppb
Yttrium	89-1				101		%
Yttrium	89-2				98		%
Zinc	66-2	11.42	11.17	12.80	11.80	7.42	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:03:38	DataFile Name :	014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.25	0.25	0.24	0.25	2.01	ppb
Zirconium	91-1	0.28	0.24	0.28	0.27	9.71	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:06:56	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	92325.10	90586.23	89946.08	90952.47	1.35	ppb
Antimony	121-1	20.18	20.32	21.09	20.53	2.37	ppb
Arsenic	75-1	19.87	19.28	19.49	19.54	1.52	ppb
Barium	135-1	21.02	20.47	21.50	21.00	2.45	ppb
Barium	137-1	21.13	20.60	21.72	21.15	2.67	ppb
Beryllium	9-1	21.00	19.54	19.14	19.89	4.93	ppb
Bismuth	209-1				104		%
Bismuth	209-2				100		%
Boron	10-1	43.77	44.82	44.86	44.48	1.39	ppb
Boron	11-1	45.14	47.63	45.70	46.16	2.84	ppb
Cadmium	111-1	19.83	19.04	20.23	19.70	3.07	ppb
Cadmium	106-1	24.81	17.47	22.14	21.47	17.30	ppb
Cadmium	108-1	27.52	26.06	29.07	27.55	5.46	ppb
Calcium	43-1	97173.54	98148.71	97936.10	97752.79	0.52	ppb
Calcium	44-1	96581.63	96398.62	96785.84	96588.70	0.20	ppb
Chromium	52-2	38.90	39.91	38.46	39.09	1.90	ppb
Cobalt	59-2	20.51	20.42	20.43	20.45	0.25	ppb
Copper	63-2	27.02	26.57	25.88	26.49	2.16	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				106		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				97		%
Iron	56-2	100931.02	100849.04	99601.44	100460.50	0.74	ppb
Iron	57-2	99775.20	99940.55	98873.77	99529.84	0.58	ppb
Krypton	83-1						cps
Lead	206-1	24.05	24.86	24.92	24.61	1.97	ppb
Lead	207-1	22.18	22.59	23.14	22.64	2.12	ppb
Lead	208-1	23.04	23.53	23.99	23.52	2.01	ppb
Lithium	6-1				93		%
Magnesium	24-2	100665.66	100425.99	98381.45	99824.36	1.26	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:06:56	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	26.00	27.38	27.15	26.84	2.75	ppb
Molybdenum	94-1	1429.30	1433.60	1448.73	1437.21	0.71	ppb
Molybdenum	95-1	1958.10	1951.32	1947.17	1952.19	0.28	ppb
Molybdenum	96-1	1893.40	1884.33	1922.44	1900.06	1.05	ppb
Molybdenum	97-1	1978.33	1945.06	1988.85	1970.75	1.16	ppb
Molybdenum	98-1	1963.48	1945.78	1955.44	1954.90	0.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	23.60	25.07	25.86	24.84	4.60	ppb
Phosphorus	31-2	93316.48	99384.71	92665.91	95122.37	3.90	ppb
Potassium	39-2	97346.98	97777.02	96643.91	97255.97	0.59	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				98		%
Scandium	45-2				99		%
Selenium	77-2	0.00	30.06	29.87	19.98	86.60	ppb
Selenium	78-2	19.28	23.07	19.56	20.64	10.24	ppb
Selenium	82-1	19.51	20.60	19.36	19.82	3.41	ppb
Silicon	28-1	55.54	53.81	56.00	55.12	2.10	ppb
Silver	109-1	18.77	18.46	19.25	18.83	2.11	ppb
Silver	107-1	18.53	18.40	19.16	18.70	2.18	ppb
Sodium	23-2	96463.33	97362.65	94710.74	96178.91	1.40	ppb
Strontium	86-1	70.10	70.81	69.82	70.25	0.73	ppb
Strontium	88-1	71.61	71.18	71.90	71.57	0.51	ppb
Sulfur	34-1	44372.54	44360.70	45358.89	44697.38	1.28	ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	19.97	20.28	20.10	20.12	0.77	ppb
Thallium	205-1	20.00	20.32	20.29	20.20	0.86	ppb
Tin	118-1	36.93	36.26	37.73	36.98	1.99	ppb
Titanium	47-1	1984.43	1970.29	2011.07	1988.60	1.04	ppb
Uranium	238-1	37.31	37.59	38.20	37.70	1.20	ppb
Vanadium	51-2	19.08	18.33	18.84	18.75	2.03	ppb
Yttrium	89-1				102		%
Yttrium	89-2				99		%
Zinc	66-2	29.53	29.30	31.71	30.18	4.40	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:06:56	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	38.30	37.84	38.48	38.21	0.86	ppb
Zirconium	91-1	37.24	36.57	37.54	37.12	1.34	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	CCV012	Instrumnet Name :	P8
Client Sample ID :	CCV012	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:10:24	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49239.55	48199.30	49576.27	49005.04	1.46	ppb
Antimony	121-1	502.81	494.47	488.63	495.30	1.44	ppb
Arsenic	75-1	493.29	487.33	493.91	491.51	0.74	ppb
Barium	135-1	2581.48	2511.46	2499.89	2530.95	1.74	ppb
Barium	137-1	2552.15	2489.78	2494.45	2512.13	1.38	ppb
Beryllium	9-1	512.12	508.90	503.17	508.06	0.89	ppb
Bismuth	209-1				105		%
Bismuth	209-2				98		%
Boron	10-1	478.64	497.50	494.41	490.18	2.06	ppb
Boron	11-1	484.16	503.83	514.75	500.91	3.09	ppb
Cadmium	111-1	492.93	480.68	484.69	486.10	1.29	ppb
Cadmium	106-1	483.55	472.86	476.70	477.70	1.13	ppb
Cadmium	108-1	501.11	482.58	484.62	489.44	2.08	ppb
Calcium	43-1	248675.45	247220.21	249573.67	248489.78	0.48	ppb
Calcium	44-1	245125.73	244129.03	243708.52	244321.09	0.30	ppb
Chromium	52-2	492.14	493.47	498.89	494.83	0.72	ppb
Cobalt	59-2	474.46	471.43	478.18	474.69	0.71	ppb
Copper	63-2	925.64	912.52	931.97	923.38	1.07	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				95		%
Iron	56-2	122683.57	121802.10	123082.07	122522.58	0.53	ppb
Iron	57-2	121468.37	121262.44	122684.63	121805.15	0.63	ppb
Krypton	83-1						cps
Lead	206-1	509.05	506.40	500.18	505.21	0.90	ppb
Lead	207-1	505.58	506.81	499.80	504.07	0.74	ppb
Lead	208-1	508.65	510.97	500.11	506.58	1.13	ppb
Lithium	6-1				96		%
Magnesium	24-2	245856.89	244245.40	249034.70	246379.00	0.99	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	CCV012	Instrumnet Name :	P8
Client Sample ID :	CCV012	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:10:24	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	937.11	945.50	950.54	944.38	0.72	ppb
Molybdenum	94-1	2552.61	2547.56	2510.41	2536.86	0.91	ppb
Molybdenum	95-1	2542.70	2517.22	2514.11	2524.67	0.62	ppb
Molybdenum	96-1	2548.13	2513.16	2484.84	2515.37	1.26	ppb
Molybdenum	97-1	2560.53	2541.75	2502.28	2534.85	1.17	ppb
Molybdenum	98-1	2529.22	2526.05	2475.16	2510.14	1.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	478.08	476.76	488.20	481.01	1.30	ppb
Phosphorus	31-2	9503.96	10043.46	10141.57	9896.33	3.47	ppb
Potassium	39-2	119641.00	118948.07	121396.40	119995.16	1.05	ppb
Rhodium	103-1				96		%
Rhodium	103-2				94		%
Scandium	45-1				98		%
Scandium	45-2				99		%
Selenium	77-2	447.70	381.32	576.10	468.37	21.14	ppb
Selenium	78-2	470.52	479.23	385.73	445.16	11.60	ppb
Selenium	82-1	489.86	489.64	495.47	491.66	0.67	ppb
Silicon	28-1	468.05	463.08	473.72	468.29	1.14	ppb
Silver	109-1	505.34	487.04	493.91	495.43	1.87	ppb
Silver	107-1	503.72	485.28	494.81	494.60	1.87	ppb
Sodium	23-2	248896.06	248666.23	251058.93	249540.41	0.53	ppb
Strontium	86-1	512.49	501.54	509.82	507.95	1.12	ppb
Strontium	88-1	522.30	511.57	516.97	516.95	1.04	ppb
Sulfur	34-1	9892.25	9640.19	9830.97	9787.80	1.34	ppb
Terbium	159-1				107		%
Terbium	159-2				101		%
Thallium	203-1	508.95	512.44	504.19	508.53	0.81	ppb
Thallium	205-1	507.28	511.27	506.80	508.45	0.48	ppb
Tin	118-1	510.10	493.79	497.13	500.34	1.72	ppb
Titanium	47-1	2551.98	2478.08	2522.79	2517.62	1.48	ppb
Uranium	238-1	515.68	515.66	512.29	514.54	0.38	ppb
Vanadium	51-2	473.70	478.55	483.40	478.55	1.01	ppb
Yttrium	89-1				102		%
Yttrium	89-2				98		%
Zinc	66-2	941.05	921.84	940.03	934.31	1.16	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	CCV012	Instrumnet Name :	P8
Client Sample ID :	CCV012	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:10:24	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	506.57	506.77	506.51	506.61	0.03	ppb
Zirconium	91-1	500.31	495.82	493.97	496.70	0.66	ppb

LB Number : LB94183 Operator : Jaswal
 Lab Sample ID : CCB012 Instrumnet Name : P8
 Client Sample ID : CCB012 Dilution Factor : 1
 Date & Time Acquired :: 2018-03-23 17:14:31 DataFile Name : 017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.69	-0.83	-0.83	0.01	11608.35	ppb
Antimony	121-1	0.99	1.20	1.42	1.20	17.59	ppb
Arsenic	75-1	0.12	0.03	0.26	0.14	86.94	ppb
Barium	135-1	0.07	0.09	0.05	0.07	34.20	ppb
Barium	137-1	0.09	0.01	0.06	0.05	70.09	ppb
Beryllium	9-1	0.41	0.37	0.37	0.38	6.21	ppb
Bismuth	209-1				111		%
Bismuth	209-2				100		%
Boron	10-1	12.88	12.94	9.99	11.94	14.12	ppb
Boron	11-1	13.86	12.86	12.03	12.91	7.12	ppb
Cadmium	111-1	0.12	-0.04	0.03	0.03	235.06	ppb
Cadmium	106-1	1.21	-1.27	-0.23	-0.10		ppb
Cadmium	108-1	-0.06	-0.01	0.09	0.01	843.68	ppb
Calcium	43-1	6.19	-6.01	1.48	0.55	1113.26	ppb
Calcium	44-1	9.34	8.38	6.28	8.00	19.56	ppb
Chromium	52-2	-0.05	-0.02	0.04	-0.01		ppb
Cobalt	59-2	0.01	0.02	0.02	0.02	28.99	ppb
Copper	63-2	0.14	0.10	0.07	0.10	33.16	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				108		%
Holmium	165-2				98		%
Indium	115-1				105		%
Indium	115-2				94		%
Iron	56-2	7.13	8.18	8.54	7.95	9.21	ppb
Iron	57-2	5.29	5.63	15.59	8.84	66.22	ppb
Krypton	83-1						cps
Lead	206-1	0.12	0.08	0.10	0.10	21.62	ppb
Lead	207-1	0.07	0.05	0.08	0.07	20.54	ppb
Lead	208-1	0.10	0.08	0.08	0.09	9.69	ppb
Lithium	6-1				100		%
Magnesium	24-2	5.94	5.53	6.22	5.90	5.87	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	CCB012	Instrumnet Name :	P8
Client Sample ID :	CCB012	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:14:31	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.07	0.10	0.23	0.13	65.98	ppb
Molybdenum	94-1	0.80	1.03	1.41	1.08	28.48	ppb
Molybdenum	95-1	1.07	1.57	1.63	1.42	21.40	ppb
Molybdenum	96-1	1.00	1.40	1.63	1.34	23.71	ppb
Molybdenum	97-1	1.10	1.49	1.74	1.45	22.29	ppb
Molybdenum	98-1	1.07	1.44	1.77	1.43	24.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.10	0.02	0.26	0.06	300.76	ppb
Phosphorus	31-2	-18.47	20.92	-18.47	-5.34		ppb
Potassium	39-2	27.24	13.28	20.67	20.40	34.24	ppb
Rhodium	103-1				101		%
Rhodium	103-2				96		%
Scandium	45-1				99		%
Scandium	45-2				95		%
Selenium	77-2	0.00	0.00	10.92	3.64	173.21	ppb
Selenium	78-2	2.81	-0.55	-0.55	0.57	340.02	ppb
Selenium	82-1	0.31	0.38	-0.66	0.01	6493.35	ppb
Silicon	28-1	-6.83	-8.96	-9.70	-8.50		ppb
Silver	109-1	0.06	0.05	0.04	0.05	17.05	ppb
Silver	107-1	0.05	0.05	0.06	0.05	4.29	ppb
Sodium	23-2	73.62	73.52	90.11	79.08	12.08	ppb
Strontium	86-1	0.05	0.01	0.09	0.05	83.18	ppb
Strontium	88-1	0.02	0.01	0.01	0.01	23.49	ppb
Sulfur	34-1	-574.74	-584.61	-630.08	-596.48		ppb
Terbium	159-1				108		%
Terbium	159-2				97		%
Thallium	203-1	0.20	0.20	0.18	0.19	4.10	ppb
Thallium	205-1	0.22	0.19	0.17	0.19	12.08	ppb
Tin	118-1	0.16	0.23	0.24	0.21	19.94	ppb
Titanium	47-1	0.09	0.18	0.17	0.15	36.40	ppb
Uranium	238-1	0.01	0.02	0.02	0.01	0.78	ppb
Vanadium	51-2	0.04	-0.02	0.01	0.01	282.16	ppb
Yttrium	89-1				102		%
Yttrium	89-2				94		%
Zinc	66-2	-0.14	0.35	0.02	0.08	330.89	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	CCB012	Instrumnet Name :	P8
Client Sample ID :	CCB012	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:14:31	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.03	0.05	0.04	0.04	34.92	ppb
Zirconium	91-1	0.08	0.07	0.07	0.07	9.21	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	PB107609BL	Instrumnet Name :	P8
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:17:52	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.35	-0.83	-0.83	2.57	229.00	ppb
Antimony	121-1	0.34	0.45	0.56	0.45	24.70	ppb
Arsenic	75-1	0.09	0.04	0.04	0.05	52.41	ppb
Barium	135-1	0.01	0.02	0.04	0.02	58.36	ppb
Barium	137-1	0.01	0.01	0.03	0.01	65.41	ppb
Beryllium	9-1	0.17	0.14	0.24	0.19	27.23	ppb
Bismuth	209-1				110		%
Bismuth	209-2				103		%
Boron	10-1	7.18	4.70	6.63	6.17	21.14	ppb
Boron	11-1	7.08	7.29	6.24	6.87	8.07	ppb
Cadmium	111-1	0.03	0.00	0.00	0.01	154.01	ppb
Cadmium	106-1	-0.08	-0.29	-0.20	-0.19		ppb
Cadmium	108-1	0.00	-0.01	-0.01	-0.01		ppb
Calcium	43-1	-9.83	-3.18	-1.22	-4.74		ppb
Calcium	44-1	1.10	2.01	-0.94	0.72	209.53	ppb
Chromium	52-2	-0.11	-0.01	-0.04	-0.05		ppb
Cobalt	59-2	0.00	0.00	-0.02	-0.01		ppb
Copper	63-2	0.09	0.06	0.01	0.05	66.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				101		%
Indium	115-1				104		%
Indium	115-2				98		%
Iron	56-2	4.33	4.63	4.14	4.37	5.67	ppb
Iron	57-2	8.56	3.03	2.99	4.86	65.93	ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.05	0.07	0.06	17.11	ppb
Lead	207-1	0.08	0.04	0.06	0.06	28.62	ppb
Lead	208-1	0.07	0.05	0.07	0.06	14.50	ppb
Lithium	6-1				101		%
Magnesium	24-2	5.04	5.23	10.36	6.88	43.90	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	PB107609BL	Instrumnet Name :	P8
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:17:52	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.01	-0.02	0.00	1600.24	ppb
Molybdenum	94-1	0.25	0.40	0.42	0.36	25.74	ppb
Molybdenum	95-1	0.31	0.56	0.64	0.50	33.59	ppb
Molybdenum	96-1	0.42	0.56	0.62	0.53	19.48	ppb
Molybdenum	97-1	0.47	0.47	0.64	0.53	18.53	ppb
Molybdenum	98-1	0.41	0.54	0.71	0.55	26.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.25	-0.13	-0.07	-0.15		ppb
Phosphorus	31-2	-18.47	-18.47	-18.47	-18.47		ppb
Potassium	39-2	29.38	51.33	45.07	41.93	26.97	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				98		%
Scandium	45-2				98		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.55	2.87	-0.55	0.59	333.92	ppb
Selenium	82-1	-0.60	-0.33	0.18	-0.25		ppb
Silicon	28-1	-7.92	-9.98	-8.99	-8.96		ppb
Silver	109-1	0.02	0.03	0.02	0.02	11.92	ppb
Silver	107-1	0.02	0.02	0.01	0.02	24.22	ppb
Sodium	23-2	57.62	55.64	61.98	58.41	5.55	ppb
Strontium	86-1	-0.08	0.01	0.00	-0.03		ppb
Strontium	88-1	0.00	0.00	0.01	0.00	33.23	ppb
Sulfur	34-1	-534.80	-581.44	-574.24	-563.49		ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	0.12	0.11	0.11	0.11	3.73	ppb
Thallium	205-1	0.12	0.12	0.09	0.11	13.75	ppb
Tin	118-1	0.07	0.08	0.10	0.08	18.92	ppb
Titanium	47-1	0.10	0.08	0.14	0.11	26.89	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	40.15	ppb
Vanadium	51-2	-0.01	-0.01	-0.01	-0.01		ppb
Yttrium	89-1				102		%
Yttrium	89-2				98		%
Zinc	66-2	0.38	0.00	0.00	0.13	167.94	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	PB107609BL	Instrumnet Name :	P8
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:17:52	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.03	0.03	0.01	0.02	57.02	ppb
Zirconium	91-1	0.05	0.02	0.04	0.04	34.32	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	PB107609BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:21:14	DataFile Name :	019LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38.90	66.53	40.67	48.70	31.76	ppb
Antimony	121-1	4.04	4.14	4.17	4.12	1.74	ppb
Arsenic	75-1	2.09	2.06	1.96	2.04	3.54	ppb
Barium	135-1	18.94	18.35	19.23	18.84	2.38	ppb
Barium	137-1	19.26	18.17	18.85	18.76	2.93	ppb
Beryllium	9-1	2.03	1.99	2.16	2.06	4.15	ppb
Bismuth	209-1				111		%
Bismuth	209-2				103		%
Boron	10-1	50.93	48.14	49.61	49.56	2.82	ppb
Boron	11-1	47.80	46.67	49.50	47.99	2.96	ppb
Cadmium	111-1	1.65	1.91	1.98	1.84	9.36	ppb
Cadmium	106-1	-0.33	1.60	2.58	1.28	115.41	ppb
Cadmium	108-1	2.07	2.61	1.90	2.19	16.75	ppb
Calcium	43-1	963.82	904.74	968.11	945.56	3.75	ppb
Calcium	44-1	936.82	910.60	945.92	931.12	1.97	ppb
Chromium	52-2	3.81	4.09	4.22	4.04	5.28	ppb
Cobalt	59-2	1.76	2.10	2.10	1.99	9.96	ppb
Copper	63-2	3.87	4.16	3.73	3.92	5.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				101		%
Indium	115-1				105		%
Indium	115-2				98		%
Iron	56-2	354.30	369.26	367.67	363.74	2.26	ppb
Iron	57-2	349.79	349.59	380.95	360.11	5.01	ppb
Krypton	83-1						cps
Lead	206-1	1.92	1.90	2.00	1.94	2.62	ppb
Lead	207-1	1.94	1.96	1.88	1.93	2.37	ppb
Lead	208-1	1.96	1.92	2.00	1.96	2.02	ppb
Lithium	6-1				101		%
Magnesium	24-2	970.29	1007.95	1004.88	994.37	2.10	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	PB107609BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:21:14	DataFile Name :	019LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2.16	2.06	2.20	2.14	3.54	ppb
Molybdenum	94-1	10.14	10.19	9.78	10.04	2.20	ppb
Molybdenum	95-1	9.53	9.68	9.66	9.62	0.85	ppb
Molybdenum	96-1	9.98	9.63	9.85	9.82	1.80	ppb
Molybdenum	97-1	10.21	9.98	9.93	10.04	1.51	ppb
Molybdenum	98-1	9.69	9.61	9.61	9.64	0.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.79	2.03	1.82	1.88	7.05	ppb
Phosphorus	31-2	-18.47	20.19	-18.47	-5.58		ppb
Potassium	39-2	967.20	897.75	1027.86	964.27	6.75	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	77-2	10.05	0.00	19.96	10.00	99.77	ppb
Selenium	78-2	2.83	2.88	9.53	5.08	75.82	ppb
Selenium	82-1	8.88	9.61	9.60	9.37	4.45	ppb
Silicon	28-1	14.85	13.02	16.19	14.68	10.83	ppb
Silver	109-1	1.97	1.99	2.03	2.00	1.55	ppb
Silver	107-1	1.98	1.99	1.99	1.98	0.43	ppb
Sodium	23-2	977.25	1009.30	1026.65	1004.40	2.50	ppb
Strontium	86-1	1.94	1.78	1.88	1.87	4.33	ppb
Strontium	88-1	1.97	1.96	1.96	1.96	0.39	ppb
Sulfur	34-1	-506.95	-701.58	-550.54	-586.35		ppb
Terbium	159-1				107		%
Terbium	159-2				101		%
Thallium	203-1	2.03	2.02	2.07	2.04	1.39	ppb
Thallium	205-1	2.01	2.01	2.07	2.03	1.69	ppb
Tin	118-1	9.22	9.44	9.54	9.40	1.75	ppb
Titanium	47-1	9.34	9.69	9.55	9.53	1.85	ppb
Uranium	238-1	1.92	1.87	1.92	1.91	1.57	ppb
Vanadium	51-2	9.22	9.14	9.47	9.28	1.87	ppb
Yttrium	89-1				102		%
Yttrium	89-2				97		%
Zinc	66-2	4.52	4.24	3.72	4.16	9.82	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	PB107609BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:21:14	DataFile Name :	019LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	2.17	1.99	2.05	2.07	4.48	ppb
Zirconium	91-1	2.02	2.17	2.03	2.08	3.94	ppb

LB Number : LB94183 Operator : Jaswal
 Lab Sample ID : PB107614BL Instrumnet Name : P8
 Client Sample ID : PBS008 Dilution Factor : 1
 Date & Time Acquired :: 2018-03-23 17:24:35 DataFile Name : 020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.83	-0.83	11.88	3.41	215.19	ppb
Antimony	121-1	0.12	0.15	0.20	0.15	24.89	ppb
Arsenic	75-1	-0.07	0.05	-0.01	-0.01		ppb
Barium	135-1	0.00	-0.01	-0.02	-0.01		ppb
Barium	137-1	0.00	-0.01	-0.01	-0.01		ppb
Beryllium	9-1	0.13	0.12	0.06	0.10	36.11	ppb
Bismuth	209-1				109		%
Bismuth	209-2				102		%
Boron	10-1	6.02	4.75	5.18	5.32	12.18	ppb
Boron	11-1	7.30	5.42	5.56	6.09	17.21	ppb
Cadmium	111-1	0.04	0.06	0.02	0.04	38.93	ppb
Cadmium	106-1	0.61	0.67	0.25	0.51	44.86	ppb
Cadmium	108-1	-0.11	-0.01	-0.05	-0.06		ppb
Calcium	43-1	-13.71	-13.57	-12.25	-13.18		ppb
Calcium	44-1	0.74	-0.73	2.31	0.77	196.54	ppb
Chromium	52-2	0.04	-0.05	0.04	0.01	608.35	ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.02	0.02	0.05	0.03	48.04	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				100		%
Indium	115-1				104		%
Indium	115-2				97		%
Iron	56-2	2.44	2.16	2.82	2.47	13.56	ppb
Iron	57-2	3.15	4.58	2.96	3.56	24.94	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.05	0.05	0.05	10.76	ppb
Lead	207-1	0.04	0.03	0.05	0.04	18.42	ppb
Lead	208-1	0.04	0.04	0.04	0.04	4.54	ppb
Lithium	6-1				99		%
Magnesium	24-2	8.80	4.04	-2.29	3.52	158.09	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	PB107614BL	Instrumnet Name :	P8
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:24:35	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.07	0.01	-0.05	0.01	504.16	ppb
Molybdenum	94-1	0.08	0.13	0.21	0.14	46.18	ppb
Molybdenum	95-1	0.13	0.16	0.26	0.18	37.12	ppb
Molybdenum	96-1	0.13	0.21	0.28	0.20	36.72	ppb
Molybdenum	97-1	0.14	0.25	0.41	0.27	50.99	ppb
Molybdenum	98-1	0.13	0.25	0.29	0.22	37.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	-0.29	0.06	-0.07		ppb
Phosphorus	31-2	-18.47	-18.47	-18.47	-18.47		ppb
Potassium	39-2	23.22	1.78	20.80	15.27	76.93	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	77-2	0.00	10.22	0.00	3.41	173.21	ppb
Selenium	78-2	-0.55	4.62	-0.55	1.17	254.11	ppb
Selenium	82-1	0.14	-0.09	-0.08	-0.01		ppb
Silicon	28-1	-6.64	-8.97	-6.90	-7.51		ppb
Silver	109-1	0.01	0.01	0.02	0.01	20.76	ppb
Silver	107-1	0.02	0.01	0.02	0.02	23.77	ppb
Sodium	23-2	38.67	34.99	38.68	37.45	5.67	ppb
Strontium	86-1	-0.01	0.08	0.04	0.04	116.52	ppb
Strontium	88-1	0.01	0.00	0.00	0.00	69.94	ppb
Sulfur	34-1	-395.59	-502.66	-424.55	-440.94		ppb
Terbium	159-1				105		%
Terbium	159-2				100		%
Thallium	203-1	0.07	0.10	0.07	0.08	21.65	ppb
Thallium	205-1	0.07	0.10	0.08	0.09	17.20	ppb
Tin	118-1	0.01	0.03	0.05	0.03	57.46	ppb
Titanium	47-1	0.15	0.05	0.03	0.08	79.77	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.02	-0.01	-0.01	-0.01		ppb
Yttrium	89-1				101		%
Yttrium	89-2				96		%
Zinc	66-2	0.16	-0.04	0.10	0.07	148.08	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	PB107614BL	Instrumnet Name :	P8
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:24:35	DataFile Name :	020CCBE.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	0.04	0.05	0.00	0.03	74.83	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	PB107614BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:27:57	DataFile Name :	021LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50.51	36.95	25.13	37.53	33.84	ppb
Antimony	121-1	3.84	3.82	3.96	3.87	1.88	ppb
Arsenic	75-1	2.02	1.91	2.07	2.00	4.16	ppb
Barium	135-1	18.46	19.44	19.33	19.08	2.82	ppb
Barium	137-1	18.50	18.93	19.00	18.81	1.44	ppb
Beryllium	9-1	1.84	1.90	2.24	1.99	10.78	ppb
Bismuth	209-1				108		%
Bismuth	209-2				102		%
Boron	10-1	44.32	46.31	48.38	46.34	4.39	ppb
Boron	11-1	45.45	45.49	47.97	46.30	3.12	ppb
Cadmium	111-1	1.91	1.87	2.00	1.93	3.43	ppb
Cadmium	106-1	1.02	1.01	0.85	0.96	10.14	ppb
Cadmium	108-1	2.20	2.71	1.82	2.24	19.86	ppb
Calcium	43-1	931.92	917.89	899.98	916.59	1.75	ppb
Calcium	44-1	914.88	925.08	930.79	923.58	0.87	ppb
Chromium	52-2	4.18	3.96	3.82	3.99	4.65	ppb
Cobalt	59-2	2.09	1.90	2.12	2.04	5.81	ppb
Copper	63-2	4.06	3.91	3.73	3.90	4.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				100		%
Indium	115-1				103		%
Indium	115-2				96		%
Iron	56-2	358.67	345.58	361.15	355.14	2.36	ppb
Iron	57-2	355.19	326.34	313.51	331.68	6.44	ppb
Krypton	83-1						cps
Lead	206-1	1.97	1.90	2.01	1.96	2.87	ppb
Lead	207-1	1.93	1.95	1.96	1.95	0.69	ppb
Lead	208-1	1.90	1.92	1.99	1.94	2.28	ppb
Lithium	6-1				100		%
Magnesium	24-2	977.39	954.72	1004.32	978.81	2.54	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	PB107614BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:27:57	DataFile Name :	021LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.69	1.58	1.80	1.69	6.58	ppb
Molybdenum	94-1	9.77	9.95	9.44	9.72	2.65	ppb
Molybdenum	95-1	9.25	9.55	9.51	9.43	1.71	ppb
Molybdenum	96-1	9.21	9.60	9.64	9.48	2.48	ppb
Molybdenum	97-1	9.15	9.62	9.87	9.55	3.84	ppb
Molybdenum	98-1	9.19	9.42	9.38	9.33	1.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.93	1.95	1.88	1.92	1.90	ppb
Phosphorus	31-2	-18.47	-18.47	-18.47	-18.47		ppb
Potassium	39-2	995.22	971.14	1006.11	990.82	1.81	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				98		%
Scandium	45-2				98		%
Selenium	77-2	20.82	0.00	0.00	6.94	173.21	ppb
Selenium	78-2	13.46	18.16	2.87	11.50	68.10	ppb
Selenium	82-1	8.61	9.95	10.17	9.58	8.81	ppb
Silicon	28-1	17.41	16.00	17.28	16.90	4.60	ppb
Silver	109-1	2.05	1.97	1.84	1.95	5.59	ppb
Silver	107-1	2.10	2.03	2.10	2.07	1.92	ppb
Sodium	23-2	976.25	941.39	964.35	960.66	1.84	ppb
Strontium	86-1	1.77	2.04	1.93	1.91	7.33	ppb
Strontium	88-1	1.87	1.99	1.96	1.94	3.45	ppb
Sulfur	34-1	-387.56	-398.84	-293.99	-360.13		ppb
Terbium	159-1				105		%
Terbium	159-2				99		%
Thallium	203-1	1.95	1.95	1.97	1.96	0.63	ppb
Thallium	205-1	1.99	2.01	2.05	2.02	1.69	ppb
Tin	118-1	9.21	9.47	9.49	9.39	1.69	ppb
Titanium	47-1	10.03	9.80	9.44	9.76	3.06	ppb
Uranium	238-1	1.88	1.91	1.88	1.89	1.10	ppb
Vanadium	51-2	8.74	8.47	8.56	8.59	1.63	ppb
Yttrium	89-1				101		%
Yttrium	89-2				96		%
Zinc	66-2	3.96	3.70	3.96	3.88	3.92	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	PB107614BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:27:57	DataFile Name :	021LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.96	2.07	2.05	2.03	2.83	ppb
Zirconium	91-1	2.19	1.88	1.96	2.01	7.84	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-01	Instrumnet Name :	P8
Client Sample ID :	MDAN64	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:31:17	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4527.01	4647.24	4432.79	4535.68	2.37	ppb
Antimony	121-1	4.57	4.63	4.71	4.64	1.51	ppb
Arsenic	75-1	8.26	9.13	9.50	8.96	7.13	ppb
Barium	135-1	274.21	281.70	289.49	281.80	2.71	ppb
Barium	137-1	278.20	282.33	285.88	282.14	1.36	ppb
Beryllium	9-1	0.47	0.31	0.43	0.40	20.96	ppb
Bismuth	209-1				109		%
Bismuth	209-2				101		%
Boron	10-1	10.98	12.48	11.15	11.53	7.13	ppb
Boron	11-1	12.72	11.15	12.13	12.00	6.59	ppb
Cadmium	111-1	2.44	2.63	2.55	2.54	3.67	ppb
Cadmium	106-1	1.95	4.03	2.96	2.98	34.90	ppb
Cadmium	108-1	3.74	3.48	3.17	3.46	8.24	ppb
Calcium	43-1	14473.19	14763.77	15133.99	14790.32	2.24	ppb
Calcium	44-1	14834.90	14840.67	15224.23	14966.60	1.49	ppb
Chromium	52-2	39.63	40.79	40.73	40.38	1.61	ppb
Cobalt	59-2	3.60	3.43	3.95	3.66	7.21	ppb
Copper	63-2	126.35	126.02	126.45	126.27	0.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				100		%
Indium	115-1				103		%
Indium	115-2				95		%
Iron	56-2	22798.71	22886.28	23035.48	22906.82	0.52	ppb
Iron	57-2	22399.99	22583.92	22843.91	22609.28	0.99	ppb
Krypton	83-1						cps
Lead	206-1	577.39	577.15	579.41	577.98	0.22	ppb
Lead	207-1	535.71	537.22	548.37	540.44	1.28	ppb
Lead	208-1	554.84	556.20	565.97	559.01	1.09	ppb
Lithium	6-1				99		%
Magnesium	24-2	645.15	673.62	648.63	655.80	2.37	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-01	Instrumnet Name :	P8
Client Sample ID :	MDAN64	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:31:17	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	250.55	256.06	254.44	253.68	1.12	ppb
Molybdenum	94-1	7.79	7.49	7.81	7.70	2.35	ppb
Molybdenum	95-1	1.13	1.16	1.42	1.24	13.06	ppb
Molybdenum	96-1	1.96	2.15	2.17	2.09	5.54	ppb
Molybdenum	97-1	1.19	1.22	1.23	1.22	1.95	ppb
Molybdenum	98-1	1.13	1.20	1.35	1.23	8.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	17.24	16.45	17.80	17.16	3.95	ppb
Phosphorus	31-2	1104.40	998.08	1077.72	1060.06	5.22	ppb
Potassium	39-2	224.94	186.95	190.66	200.85	10.43	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				98		%
Scandium	45-2				96		%
Selenium	77-2	20.75	10.28	20.47	17.17	34.75	ppb
Selenium	78-2	2.94	1.18	1.17	1.76	57.66	ppb
Selenium	82-1	1.10	-0.06	0.03	0.36	180.66	ppb
Silicon	28-1	973.43	994.28	996.83	988.18	1.30	ppb
Silver	109-1	0.70	0.71	0.65	0.69	5.34	ppb
Silver	107-1	0.74	0.76	0.76	0.75	1.41	ppb
Sodium	23-2	141.04	148.51	146.09	145.21	2.62	ppb
Strontium	86-1	78.15	78.76	81.78	79.56	2.44	ppb
Strontium	88-1	79.22	79.69	82.34	80.42	2.10	ppb
Sulfur	34-1	-331.58	-397.33	-308.18	-345.69		ppb
Terbium	159-1				105		%
Terbium	159-2				100		%
Thallium	203-1	0.20	0.25	0.22	0.22	12.38	ppb
Thallium	205-1	0.26	0.26	0.25	0.25	3.33	ppb
Tin	118-1	170.05	173.90	176.84	173.60	1.96	ppb
Titanium	47-1	59.47	56.22	56.92	57.54	2.97	ppb
Uranium	238-1	0.75	0.78	0.78	0.77	2.00	ppb
Vanadium	51-2	18.24	17.40	18.81	18.15	3.91	ppb
Yttrium	89-1				101		%
Yttrium	89-2				95		%
Zinc	66-2	892.16	898.00	906.96	899.04	0.83	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-01	Instrumnet Name :	P8
Client Sample ID :	MDAN64	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:31:17	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	4.40	4.39	4.51	4.43	1.49	ppb
Zirconium	91-1	4.33	4.19	4.37	4.30	2.23	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-02	Instrumnet Name :	P8
Client Sample ID :	MDAN64D	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:34:36	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4487.46	4726.38	4407.33	4540.39	3.66	ppb
Antimony	121-1	4.45	4.29	4.54	4.43	2.85	ppb
Arsenic	75-1	9.09	9.43	9.10	9.21	2.06	ppb
Barium	135-1	286.37	292.91	297.25	292.18	1.87	ppb
Barium	137-1	285.87	290.01	296.10	290.66	1.77	ppb
Beryllium	9-1	0.41	0.54	0.42	0.46	15.92	ppb
Bismuth	209-1				111		%
Bismuth	209-2				101		%
Boron	10-1	9.41	10.37	9.84	9.87	4.86	ppb
Boron	11-1	11.19	10.48	9.33	10.33	9.07	ppb
Cadmium	111-1	2.61	2.63	2.63	2.62	0.43	ppb
Cadmium	106-1	4.06	4.89	3.65	4.20	15.02	ppb
Cadmium	108-1	3.29	2.59	3.25	3.04	12.91	ppb
Calcium	43-1	17217.92	17529.84	17641.82	17463.19	1.26	ppb
Calcium	44-1	17235.72	17477.93	17521.57	17411.74	0.88	ppb
Chromium	52-2	41.64	42.21	42.14	42.00	0.73	ppb
Cobalt	59-2	3.60	3.63	3.67	3.63	1.04	ppb
Copper	63-2	137.52	137.82	137.77	137.70	0.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				98		%
Indium	115-1				103		%
Indium	115-2				93		%
Iron	56-2	22696.12	22749.04	22669.83	22705.00	0.18	ppb
Iron	57-2	22074.31	22487.68	22476.52	22346.17	1.05	ppb
Krypton	83-1						cps
Lead	206-1	572.89	575.85	587.72	578.82	1.36	ppb
Lead	207-1	531.53	533.52	551.18	538.74	2.01	ppb
Lead	208-1	551.15	553.54	571.58	558.75	2.00	ppb
Lithium	6-1				99		%
Magnesium	24-2	672.12	688.20	685.26	681.86	1.26	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-02	Instrumnet Name :	P8
Client Sample ID :	MDAN64D	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:34:36	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	259.10	257.75	252.93	256.59	1.27	ppb
Molybdenum	94-1	7.27	7.43	8.73	7.81	10.28	ppb
Molybdenum	95-1	1.12	1.23	1.29	1.21	7.17	ppb
Molybdenum	96-1	1.98	2.06	2.24	2.09	6.27	ppb
Molybdenum	97-1	1.18	1.25	1.25	1.23	3.51	ppb
Molybdenum	98-1	1.10	1.19	1.21	1.17	5.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	17.66	17.44	18.74	17.95	3.88	ppb
Phosphorus	31-2	1132.89	700.93	1377.75	1070.52	32.01	ppb
Potassium	39-2	189.31	251.08	207.52	215.97	14.70	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				97		%
Scandium	45-2				94		%
Selenium	77-2	0.00	0.00	10.28	3.43	173.21	ppb
Selenium	78-2	1.21	4.72	-0.55	1.79	149.68	ppb
Selenium	82-1	0.07	1.27	0.50	0.61	99.85	ppb
Silicon	28-1	969.46	978.49	1003.37	983.77	1.79	ppb
Silver	109-1	0.72	0.75	0.76	0.74	2.38	ppb
Silver	107-1	0.72	0.78	0.80	0.77	5.91	ppb
Sodium	23-2	163.55	169.94	163.06	165.52	2.32	ppb
Strontium	86-1	81.85	83.40	83.11	82.79	1.00	ppb
Strontium	88-1	83.16	83.04	84.59	83.60	1.03	ppb
Sulfur	34-1	-514.65	-518.87	-524.70	-519.41		ppb
Terbium	159-1				107		%
Terbium	159-2				98		%
Thallium	203-1	0.20	0.23	0.23	0.22	7.69	ppb
Thallium	205-1	0.20	0.27	0.25	0.24	14.14	ppb
Tin	118-1	153.25	153.82	158.17	155.08	1.74	ppb
Titanium	47-1	55.48	57.24	58.79	57.17	2.90	ppb
Uranium	238-1	0.80	0.77	0.89	0.82	7.80	ppb
Vanadium	51-2	19.28	18.51	19.35	19.05	2.44	ppb
Yttrium	89-1				101		%
Yttrium	89-2				95		%
Zinc	66-2	906.57	935.20	912.66	918.14	1.64	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-02	Instrumnet Name :	P8
Client Sample ID :	MDAN64D	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:34:36	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	4.47	4.57	4.33	4.46	2.66	ppb
Zirconium	91-1	4.25	4.30	4.45	4.33	2.49	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-01LX5	Instrumnet Name :	P8
Client Sample ID :	MDAN64L	Dilution Factor :	5
Date & Time Acquired ::	2018-03-23 17:37:55	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1081.10	945.75	879.75	968.87	10.59	ppb
Antimony	121-1	0.93	0.96	0.98	0.96	2.88	ppb
Arsenic	75-1	1.84	1.80	1.91	1.85	2.83	ppb
Barium	135-1	61.06	59.58	60.77	60.47	1.30	ppb
Barium	137-1	60.46	61.04	61.81	61.10	1.11	ppb
Beryllium	9-1	0.10	0.15	0.18	0.15	27.94	ppb
Bismuth	209-1				110		%
Bismuth	209-2				97		%
Boron	10-1	4.06	3.56	3.32	3.65	10.37	ppb
Boron	11-1	3.56	3.90	4.56	4.01	12.64	ppb
Cadmium	111-1	0.72	0.56	0.49	0.59	19.58	ppb
Cadmium	106-1	2.00	0.87	0.18	1.02	90.76	ppb
Cadmium	108-1	0.60	0.45	0.66	0.57	19.51	ppb
Calcium	43-1	3266.39	3260.00	3385.10	3303.83	2.13	ppb
Calcium	44-1	3237.16	3209.86	3349.29	3265.44	2.26	ppb
Chromium	52-2	9.04	8.65	8.71	8.80	2.41	ppb
Cobalt	59-2	0.80	0.83	0.74	0.79	5.99	ppb
Copper	63-2	27.32	27.20	27.45	27.32	0.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				94		%
Indium	115-1				103		%
Indium	115-2				91		%
Iron	56-2	4880.30	4863.52	4891.00	4878.27	0.28	ppb
Iron	57-2	4920.55	4861.82	4880.00	4887.46	0.62	ppb
Krypton	83-1						cps
Lead	206-1	121.88	121.47	124.32	122.56	1.26	ppb
Lead	207-1	112.16	111.09	113.82	112.36	1.22	ppb
Lead	208-1	117.43	117.06	119.39	117.96	1.06	ppb
Lithium	6-1				99		%
Magnesium	24-2	141.81	153.44	159.98	151.75	6.07	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-01LX5	Instrumnet Name :	P8
Client Sample ID :	MDAN64L	Dilution Factor :	5
Date & Time Acquired ::	2018-03-23 17:37:55	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	53.63	54.17	57.25	55.01	3.55	ppb
Molybdenum	94-1	1.56	1.68	1.49	1.58	6.09	ppb
Molybdenum	95-1	0.24	0.25	0.40	0.29	29.87	ppb
Molybdenum	96-1	0.43	0.45	0.47	0.45	4.54	ppb
Molybdenum	97-1	0.28	0.41	0.40	0.36	19.02	ppb
Molybdenum	98-1	0.31	0.38	0.37	0.35	9.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.64	3.46	3.80	3.63	4.75	ppb
Phosphorus	31-2	286.29	141.63	138.47	188.79	44.73	ppb
Potassium	39-2	70.33	70.20	46.98	62.50	21.51	ppb
Rhodium	103-1				99		%
Rhodium	103-2				92		%
Scandium	45-1				95		%
Scandium	45-2				91		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.41	3.07	-0.55	1.31	138.25	ppb
Selenium	82-1	0.07	-1.12	-0.05	-0.36		ppb
Silicon	28-1	234.04	220.43	239.17	231.22	4.19	ppb
Silver	109-1	0.18	0.21	0.21	0.20	9.80	ppb
Silver	107-1	0.20	0.18	0.18	0.19	7.19	ppb
Sodium	23-2	74.51	62.18	65.90	67.53	9.37	ppb
Strontium	86-1	16.82	17.25	17.28	17.12	1.49	ppb
Strontium	88-1	17.17	17.27	17.62	17.36	1.36	ppb
Sulfur	34-1	-622.15	-762.53	-393.25	-592.64		ppb
Terbium	159-1				105		%
Terbium	159-2				94		%
Thallium	203-1	0.08	0.12	0.08	0.09	23.27	ppb
Thallium	205-1	0.07	0.07	0.07	0.07	3.21	ppb
Tin	118-1	36.62	36.92	38.07	37.20	2.06	ppb
Titanium	47-1	12.72	11.74	12.04	12.16	4.11	ppb
Uranium	238-1	0.16	0.16	0.18	0.17	6.57	ppb
Vanadium	51-2	3.90	3.68	3.77	3.78	2.93	ppb
Yttrium	89-1				100		%
Yttrium	89-2				90		%
Zinc	66-2	193.41	195.59	194.37	194.46	0.56	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-01LX5	Instrumnet Name :	P8
Client Sample ID :	MDAN64L	Dilution Factor :	5
Date & Time Acquired ::	2018-03-23 17:37:55	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.84	0.85	1.00	0.89	9.86	ppb
Zirconium	91-1	0.86	0.93	0.98	0.92	6.84	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-03	Instrumnet Name :	P8
Client Sample ID :	MDAN64S	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:41:16	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4835.60	4682.44	4661.83	4726.62	2.01	ppb
Antimony	121-1	23.27	23.51	24.23	23.67	2.11	ppb
Arsenic	75-1	16.16	16.84	16.96	16.65	2.59	ppb
Barium	135-1	655.43	666.22	675.32	665.65	1.50	ppb
Barium	137-1	653.34	666.72	671.23	663.76	1.40	ppb
Beryllium	9-1	9.70	9.96	10.39	10.02	3.46	ppb
Bismuth	209-1				111		%
Bismuth	209-2				101		%
Boron	10-1	8.17	7.53	9.95	8.55	14.66	ppb
Boron	11-1	8.43	9.10	9.31	8.95	5.16	ppb
Cadmium	111-1	11.79	11.87	12.12	11.92	1.46	ppb
Cadmium	106-1	9.84	9.08	10.57	9.83	7.54	ppb
Cadmium	108-1	10.43	11.42	11.84	11.23	6.46	ppb
Calcium	43-1	15659.60	15845.39	15985.77	15830.25	1.03	ppb
Calcium	44-1	15681.72	15959.44	16291.73	15977.63	1.91	ppb
Chromium	52-2	77.68	80.88	78.62	79.06	2.08	ppb
Cobalt	59-2	101.50	104.21	100.99	102.24	1.69	ppb
Copper	63-2	178.09	183.36	178.91	180.12	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				107		%
Holmium	165-2				99		%
Indium	115-1				104		%
Indium	115-2				94		%
Iron	56-2	22359.33	23164.25	22458.72	22660.77	1.94	ppb
Iron	57-2	22182.26	22849.93	22444.93	22492.37	1.50	ppb
Krypton	83-1						cps
Lead	206-1	550.07	567.03	572.52	563.21	2.08	ppb
Lead	207-1	520.81	520.32	534.88	525.34	1.57	ppb
Lead	208-1	539.35	544.74	553.40	545.83	1.30	ppb
Lithium	6-1				98		%
Magnesium	24-2	675.22	681.42	681.78	679.47	0.54	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-03	Instrumnet Name :	P8
Client Sample ID :	MDAN64S	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:41:16	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	342.64	353.68	345.81	347.38	1.64	ppb
Molybdenum	94-1	7.16	6.99	7.67	7.28	4.91	ppb
Molybdenum	95-1	1.14	1.14	1.15	1.14	0.32	ppb
Molybdenum	96-1	1.83	1.92	1.94	1.90	3.10	ppb
Molybdenum	97-1	1.13	1.13	1.25	1.17	6.01	ppb
Molybdenum	98-1	1.12	1.09	1.18	1.13	4.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	115.16	121.31	116.02	117.50	2.84	ppb
Phosphorus	31-2	1038.81	635.43	658.95	777.73	29.11	ppb
Potassium	39-2	216.59	204.58	254.21	225.13	11.50	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				95		%
Scandium	45-2				93		%
Selenium	77-2	41.35	42.23	20.51	34.70	35.43	ppb
Selenium	78-2	20.34	26.12	21.88	22.78	13.15	ppb
Selenium	82-1	17.75	19.35	18.58	18.56	4.32	ppb
Silicon	28-1	970.69	999.87	1006.44	992.33	1.92	ppb
Silver	109-1	10.06	9.83	10.22	10.04	1.97	ppb
Silver	107-1	9.77	9.98	10.05	9.93	1.48	ppb
Sodium	23-2	153.81	177.96	158.22	163.33	7.87	ppb
Strontium	86-1	78.53	78.31	79.88	78.91	1.08	ppb
Strontium	88-1	79.76	78.90	81.92	80.20	1.94	ppb
Sulfur	34-1	-530.36	-553.80	-498.92	-527.70		ppb
Terbium	159-1				107		%
Terbium	159-2				98		%
Thallium	203-1	9.65	9.54	9.46	9.55	0.98	ppb
Thallium	205-1	9.55	9.73	9.75	9.68	1.14	ppb
Tin	118-1	159.56	160.41	161.87	160.61	0.73	ppb
Titanium	47-1	55.58	59.48	57.04	57.37	3.44	ppb
Uranium	238-1	0.77	0.79	0.76	0.77	1.87	ppb
Vanadium	51-2	112.17	116.53	112.38	113.69	2.16	ppb
Yttrium	89-1				101		%
Yttrium	89-2				94		%
Zinc	66-2	977.09	1011.80	993.53	994.14	1.75	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-03	Instrumnet Name :	P8
Client Sample ID :	MDAN64S	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:41:16	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	4.21	4.74	4.28	4.41	6.49	ppb
Zirconium	91-1	4.07	4.49	3.93	4.16	6.92	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-04	Instrumnet Name :	P8
Client Sample ID :	MDAN65	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:44:35	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4694.68	5059.12	4753.06	4835.62	4.05	ppb
Antimony	121-1	9.01	9.16	9.00	9.06	1.00	ppb
Arsenic	75-1	16.59	16.88	16.94	16.80	1.09	ppb
Barium	135-1	510.63	504.14	512.72	509.16	0.88	ppb
Barium	137-1	507.37	509.05	518.11	511.51	1.13	ppb
Beryllium	9-1	0.43	0.44	0.48	0.45	5.50	ppb
Bismuth	209-1				111		%
Bismuth	209-2				101		%
Boron	10-1	16.52	20.31	22.26	19.70	14.81	ppb
Boron	11-1	19.19	18.92	20.32	19.48	3.81	ppb
Cadmium	111-1	3.62	3.94	3.69	3.75	4.42	ppb
Cadmium	106-1	2.06	4.57	2.31	2.98	46.55	ppb
Cadmium	108-1	5.12	4.28	4.47	4.62	9.53	ppb
Calcium	43-1	47475.96	46919.44	47751.34	47382.25	0.89	ppb
Calcium	44-1	47195.15	46861.86	47458.85	47171.95	0.63	ppb
Chromium	52-2	103.24	105.31	104.43	104.33	1.00	ppb
Cobalt	59-2	17.83	18.22	18.19	18.08	1.20	ppb
Copper	63-2	469.19	482.52	462.53	471.42	2.16	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				108		%
Holmium	165-2				99		%
Indium	115-1				103		%
Indium	115-2				93		%
Iron	56-2	107573.35	110137.80	107077.56	108262.90	1.52	ppb
Iron	57-2	106313.65	108978.09	105882.68	107058.14	1.57	ppb
Krypton	83-1						cps
Lead	206-1	4108.99	4112.62	4175.54	4132.38	0.91	ppb
Lead	207-1	3865.18	3908.91	3934.07	3902.72	0.89	ppb
Lead	208-1	4013.69	4021.37	4053.98	4029.68	0.53	ppb
Lithium	6-1				97		%
Magnesium	24-2	2251.65	2245.52	2210.75	2235.97	0.99	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-04	Instrumnet Name :	P8
Client Sample ID :	MDAN65	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:44:35	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	713.83	737.99	702.24	718.02	2.54	ppb
Molybdenum	94-1	8.86	8.88	9.15	8.96	1.78	ppb
Molybdenum	95-1	5.78	5.71	5.80	5.76	0.86	ppb
Molybdenum	96-1	6.25	6.44	6.58	6.42	2.55	ppb
Molybdenum	97-1	5.90	5.62	6.14	5.89	4.36	ppb
Molybdenum	98-1	5.77	5.80	5.58	5.72	2.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	61.16	60.95	58.88	60.33	2.09	ppb
Phosphorus	31-2	1199.76	1162.56	1197.85	1186.72	1.77	ppb
Potassium	39-2	185.57	151.74	141.86	159.72	14.35	ppb
Rhodium	103-1				100		%
Rhodium	103-2				96		%
Scandium	45-1				96		%
Scandium	45-2				94		%
Selenium	77-2	20.37	31.28	0.00	17.22	92.22	ppb
Selenium	78-2	-0.55	6.48	-0.55	1.79	226.19	ppb
Selenium	82-1	0.28	0.68	0.90	0.62	51.04	ppb
Silicon	28-1	1752.51	1703.10	1686.15	1713.92	2.01	ppb
Silver	109-1	1.17	1.14	1.12	1.14	2.18	ppb
Silver	107-1	1.16	1.16	1.20	1.17	1.70	ppb
Sodium	23-2	253.78	264.61	259.60	259.33	2.09	ppb
Strontium	86-1	160.10	160.71	161.31	160.70	0.38	ppb
Strontium	88-1	166.73	164.18	168.63	166.51	1.34	ppb
Sulfur	34-1	-250.53	-361.90	-85.82	-232.75		ppb
Terbium	159-1				107		%
Terbium	159-2				99		%
Thallium	203-1	0.13	0.11	0.12	0.12	5.92	ppb
Thallium	205-1	0.12	0.12	0.14	0.13	9.99	ppb
Tin	118-1	842.72	839.58	857.32	846.54	1.12	ppb
Titanium	47-1	149.98	150.31	153.28	151.19	1.20	ppb
Uranium	238-1	0.69	0.70	0.67	0.69	2.59	ppb
Vanadium	51-2	12.91	12.89	12.21	12.67	3.15	ppb
Yttrium	89-1				102		%
Yttrium	89-2				95		%
Zinc	66-2	1586.96	1634.50	1579.55	1600.34	1.86	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-04	Instrumnet Name :	P8
Client Sample ID :	MDAN65	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:44:35	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	3.32	3.39	3.71	3.47	6.01	ppb
Zirconium	91-1	3.56	3.59	3.66	3.60	1.54	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-05	Instrumnet Name :	P8
Client Sample ID :	MDAN66	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:47:53	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2587.34	2787.09	2695.65	2690.03	3.72	ppb
Antimony	121-1	1.18	1.29	1.19	1.22	5.33	ppb
Arsenic	75-1	11.98	11.72	12.04	11.91	1.44	ppb
Barium	135-1	89.75	89.35	90.14	89.74	0.44	ppb
Barium	137-1	90.53	89.77	90.87	90.39	0.62	ppb
Beryllium	9-1	0.25	0.22	0.14	0.20	30.05	ppb
Bismuth	209-1				114		%
Bismuth	209-2				103		%
Boron	10-1	14.10	13.32	14.89	14.11	5.57	ppb
Boron	11-1	14.72	15.43	14.65	14.93	2.92	ppb
Cadmium	111-1	1.03	1.15	1.27	1.15	10.25	ppb
Cadmium	106-1	0.47	2.27	2.17	1.64	61.71	ppb
Cadmium	108-1	1.61	1.50	0.92	1.35	27.62	ppb
Calcium	43-1	39397.27	38458.08	38897.70	38917.69	1.21	ppb
Calcium	44-1	38996.46	38290.76	38516.56	38601.26	0.93	ppb
Chromium	52-2	31.47	31.48	32.02	31.65	0.99	ppb
Cobalt	59-2	1.41	1.58	1.48	1.49	5.78	ppb
Copper	63-2	55.51	54.80	56.43	55.58	1.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				101		%
Indium	115-1				106		%
Indium	115-2				95		%
Iron	56-2	10026.19	9781.59	10172.04	9993.28	1.97	ppb
Iron	57-2	9696.98	9573.50	9920.01	9730.16	1.80	ppb
Krypton	83-1						cps
Lead	206-1	119.26	117.45	115.78	117.50	1.48	ppb
Lead	207-1	109.91	107.66	107.51	108.36	1.24	ppb
Lead	208-1	114.55	112.63	112.26	113.15	1.09	ppb
Lithium	6-1				99		%
Magnesium	24-2	901.32	865.01	929.39	898.57	3.59	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-05	Instrumnet Name :	P8
Client Sample ID :	MDAN66	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:47:53	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	131.90	134.99	139.86	135.58	2.96	ppb
Molybdenum	94-1	2.73	2.74	2.79	2.75	1.13	ppb
Molybdenum	95-1	0.46	0.52	0.47	0.48	7.06	ppb
Molybdenum	96-1	0.76	0.77	0.91	0.82	10.27	ppb
Molybdenum	97-1	0.51	0.52	0.51	0.51	1.86	ppb
Molybdenum	98-1	0.51	0.54	0.51	0.52	3.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.13	5.75	6.07	5.98	3.46	ppb
Phosphorus	31-2	854.97	916.59	912.80	894.78	3.86	ppb
Potassium	39-2	333.38	345.27	330.15	336.27	2.37	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				97		%
Scandium	45-2				94		%
Selenium	77-2	10.06	20.50	0.00	10.19	100.63	ppb
Selenium	78-2	1.14	1.17	-0.55	0.59	167.11	ppb
Selenium	82-1	-0.44	0.85	0.36	0.26	255.75	ppb
Silicon	28-1	1129.56	1023.02	1054.92	1069.17	5.11	ppb
Silver	109-1	0.26	0.23	0.25	0.25	7.80	ppb
Silver	107-1	0.25	0.28	0.27	0.27	5.60	ppb
Sodium	23-2	208.62	197.13	209.71	205.15	3.40	ppb
Strontium	86-1	80.80	80.27	81.61	80.89	0.84	ppb
Strontium	88-1	83.03	81.84	83.57	82.81	1.06	ppb
Sulfur	34-1	-174.32	-277.35	-234.49	-228.72		ppb
Terbium	159-1				109		%
Terbium	159-2				101		%
Thallium	203-1	0.08	0.09	0.06	0.07	18.31	ppb
Thallium	205-1	0.09	0.07	0.08	0.08	14.50	ppb
Tin	118-1	7.39	7.51	7.21	7.37	2.03	ppb
Titanium	47-1	43.19	42.15	45.64	43.66	4.10	ppb
Uranium	238-1	0.83	0.79	0.83	0.82	2.53	ppb
Vanadium	51-2	10.85	9.81	10.82	10.49	5.63	ppb
Yttrium	89-1				103		%
Yttrium	89-2				97		%
Zinc	66-2	407.77	400.54	416.76	408.36	1.99	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-05	Instrumnet Name :	P8
Client Sample ID :	MDAN66	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:47:53	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.58	1.64	1.64	1.62	2.00	ppb
Zirconium	91-1	1.80	1.69	1.51	1.67	8.79	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-06	Instrumnet Name :	P8
Client Sample ID :	MDAN67	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:51:14	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1762.04	1875.26	1774.33	1803.88	3.44	ppb
Antimony	121-1	0.81	0.95	1.03	0.93	12.11	ppb
Arsenic	75-1	6.84	7.03	8.95	7.61	15.32	ppb
Barium	135-1	60.21	59.20	74.15	64.52	12.95	ppb
Barium	137-1	60.45	59.65	74.33	64.81	12.74	ppb
Beryllium	9-1	0.17	0.21	0.27	0.21	22.81	ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Boron	10-1	10.66	10.10	12.66	11.14	12.11	ppb
Boron	11-1	10.95	11.79	12.56	11.77	6.82	ppb
Cadmium	111-1	0.64	0.60	0.79	0.68	15.16	ppb
Cadmium	106-1	-0.59	0.07	0.69	0.05	1186.91	ppb
Cadmium	108-1	0.28	0.99	0.72	0.66	54.06	ppb
Calcium	43-1	48533.83	48112.74	59905.41	52183.99	12.82	ppb
Calcium	44-1	48368.50	47919.00	59138.99	51808.83	12.26	ppb
Chromium	52-2	21.84	21.74	21.11	21.57	1.83	ppb
Cobalt	59-2	0.78	0.85	0.80	0.81	4.83	ppb
Copper	63-2	42.60	43.06	41.43	42.36	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				105		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				96		%
Iron	56-2	6542.06	6423.29	6244.83	6403.39	2.34	ppb
Iron	57-2	6308.64	6354.70	6047.80	6237.04	2.65	ppb
Krypton	83-1						cps
Lead	206-1	87.65	85.29	105.90	92.95	12.14	ppb
Lead	207-1	81.45	78.28	97.51	85.75	12.02	ppb
Lead	208-1	83.88	81.41	101.88	89.05	12.55	ppb
Lithium	6-1				92		%
Magnesium	24-2	799.99	817.95	711.13	776.36	7.37	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-06	Instrumnet Name :	P8
Client Sample ID :	MDAN67	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:51:14	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	82.43	80.93	80.39	81.25	1.30	ppb
Molybdenum	94-1	1.25	1.30	1.97	1.51	26.60	ppb
Molybdenum	95-1	0.48	0.50	0.60	0.53	11.83	ppb
Molybdenum	96-1	0.56	0.56	0.80	0.64	21.63	ppb
Molybdenum	97-1	0.45	0.54	0.62	0.54	16.25	ppb
Molybdenum	98-1	0.47	0.44	0.55	0.49	11.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.90	4.73	4.84	4.83	1.73	ppb
Phosphorus	31-2	339.26	814.51	562.64	572.14	41.56	ppb
Potassium	39-2	210.51	217.32	257.10	228.31	11.02	ppb
Rhodium	103-1				96		%
Rhodium	103-2				100		%
Scandium	45-1				92		%
Scandium	45-2				95		%
Selenium	77-2	0.00	0.00	10.24	3.41	173.21	ppb
Selenium	78-2	1.13	1.17	1.18	1.16	2.14	ppb
Selenium	82-1	0.01	0.77	0.76	0.51	85.40	ppb
Silicon	28-1	925.19	869.60	1054.99	949.93	10.02	ppb
Silver	109-1	0.24	0.21	0.26	0.24	10.16	ppb
Silver	107-1	0.19	0.22	0.27	0.23	19.48	ppb
Sodium	23-2	213.99	212.70	199.18	208.62	3.93	ppb
Strontium	86-1	69.39	68.15	85.90	74.48	13.31	ppb
Strontium	88-1	71.29	70.27	87.79	76.45	12.86	ppb
Sulfur	34-1	-330.01	-546.41	1297.25	140.28	718.43	ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	0.08	0.06	0.10	0.08	20.06	ppb
Thallium	205-1	0.08	0.08	0.11	0.09	16.69	ppb
Tin	118-1	5.26	5.12	6.48	5.62	13.27	ppb
Titanium	47-1	12.89	12.60	13.65	13.05	4.16	ppb
Uranium	238-1	0.80	0.74	0.98	0.84	14.90	ppb
Vanadium	51-2	7.57	7.52	7.27	7.45	2.13	ppb
Yttrium	89-1				98		%
Yttrium	89-2				97		%
Zinc	66-2	256.71	266.99	250.27	257.99	3.27	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-06	Instrumnet Name :	P8
Client Sample ID :	MDAN67	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:51:14	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.69	0.72	1.24	0.88	35.09	ppb
Zirconium	91-1	0.69	0.70	0.87	0.75	13.29	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-07	Instrumnet Name :	P8
Client Sample ID :	MDAN68	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:54:33	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4131.76	4331.98	4256.01	4239.92	2.38	ppb
Antimony	121-1	2.25	2.19	2.28	2.24	1.97	ppb
Arsenic	75-1	7.83	7.83	8.37	8.01	3.88	ppb
Barium	135-1	151.59	148.10	151.38	150.36	1.30	ppb
Barium	137-1	152.12	146.61	152.03	150.25	2.10	ppb
Beryllium	9-1	0.28	0.27	0.33	0.29	9.83	ppb
Bismuth	209-1				116		%
Bismuth	209-2				104		%
Boron	10-1	8.13	8.44	8.06	8.21	2.51	ppb
Boron	11-1	8.46	8.40	8.35	8.40	0.65	ppb
Cadmium	111-1	1.49	1.38	1.36	1.41	4.94	ppb
Cadmium	106-1	0.97	0.97	0.28	0.74	53.56	ppb
Cadmium	108-1	1.56	1.70	1.69	1.65	4.81	ppb
Calcium	43-1	11668.08	11628.39	11850.98	11715.81	1.01	ppb
Calcium	44-1	12076.08	11771.13	12128.65	11991.96	1.61	ppb
Chromium	52-2	32.03	32.27	32.16	32.15	0.37	ppb
Cobalt	59-2	1.55	1.53	1.49	1.52	2.26	ppb
Copper	63-2	195.85	201.78	194.97	197.53	1.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				100		%
Indium	115-1				106		%
Indium	115-2				96		%
Iron	56-2	11287.76	11496.97	11277.78	11354.17	1.09	ppb
Iron	57-2	10879.50	11242.43	10995.76	11039.23	1.68	ppb
Krypton	83-1						cps
Lead	206-1	310.49	305.65	308.49	308.21	0.79	ppb
Lead	207-1	287.31	283.14	284.99	285.14	0.73	ppb
Lead	208-1	302.85	299.06	299.99	300.63	0.66	ppb
Lithium	6-1				99		%
Magnesium	24-2	910.30	928.80	947.72	928.94	2.01	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-07	Instrumnet Name :	P8
Client Sample ID :	MDAN68	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:54:33	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	132.30	138.66	134.22	135.06	2.41	ppb
Molybdenum	94-1	2.27	2.13	2.14	2.18	3.59	ppb
Molybdenum	95-1	0.66	0.51	0.68	0.62	14.80	ppb
Molybdenum	96-1	0.75	0.75	0.92	0.81	11.67	ppb
Molybdenum	97-1	0.66	0.75	0.63	0.68	8.94	ppb
Molybdenum	98-1	0.60	0.64	0.65	0.63	4.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	11.68	12.13	11.96	11.92	1.91	ppb
Phosphorus	31-2	942.64	936.08	912.17	930.30	1.72	ppb
Potassium	39-2	755.13	754.78	742.54	750.82	0.95	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				96		%
Scandium	45-2				92		%
Selenium	77-2	0.00	10.39	0.00	3.46	173.21	ppb
Selenium	78-2	1.17	1.20	8.04	3.47	114.08	ppb
Selenium	82-1	0.80	0.21	-0.83	0.06	1348.74	ppb
Silicon	28-1	1110.32	1031.50	1071.82	1071.21	3.68	ppb
Silver	109-1	0.45	0.46	0.45	0.45	1.53	ppb
Silver	107-1	0.39	0.46	0.41	0.42	8.54	ppb
Sodium	23-2	205.27	215.99	219.08	213.45	3.40	ppb
Strontium	86-1	89.32	87.20	85.88	87.47	1.98	ppb
Strontium	88-1	91.42	89.00	89.94	90.12	1.36	ppb
Sulfur	34-1	-355.56	-487.90	-403.68	-415.71		ppb
Terbium	159-1				110		%
Terbium	159-2				101		%
Thallium	203-1	0.05	0.07	0.05	0.06	15.65	ppb
Thallium	205-1	0.06	0.07	0.06	0.07	8.23	ppb
Tin	118-1	17.76	16.97	17.31	17.35	2.28	ppb
Titanium	47-1	24.89	23.58	25.32	24.59	3.69	ppb
Uranium	238-1	1.10	1.04	1.01	1.05	4.51	ppb
Vanadium	51-2	10.46	10.72	10.62	10.60	1.24	ppb
Yttrium	89-1				104		%
Yttrium	89-2				96		%
Zinc	66-2	572.00	585.32	575.96	577.76	1.18	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-07	Instrumnet Name :	P8
Client Sample ID :	MDAN68	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:54:33	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.17	1.17	1.19	1.17	0.76	ppb
Zirconium	91-1	1.16	1.11	1.21	1.16	4.42	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-08	Instrumnet Name :	P8
Client Sample ID :	MDAN69	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:57:53	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1356.46	1436.15	1443.93	1412.18	3.43	ppb
Antimony	121-1	1.16	1.04	1.06	1.09	5.77	ppb
Arsenic	75-1	13.61	13.06	12.70	13.12	3.51	ppb
Barium	135-1	51.63	50.75	50.59	50.99	1.09	ppb
Barium	137-1	52.47	50.65	52.23	51.78	1.91	ppb
Beryllium	9-1	-0.01	0.07	0.15	0.07	117.72	ppb
Bismuth	209-1				116		%
Bismuth	209-2				104		%
Boron	10-1	8.49	7.88	9.29	8.55	8.26	ppb
Boron	11-1	7.92	8.98	8.54	8.48	6.30	ppb
Cadmium	111-1	0.93	0.85	0.82	0.87	6.34	ppb
Cadmium	106-1	1.39	0.36	1.26	1.00	55.46	ppb
Cadmium	108-1	1.03	1.05	1.39	1.16	17.74	ppb
Calcium	43-1	9106.63	8779.48	9183.02	9023.05	2.38	ppb
Calcium	44-1	9280.91	9019.36	9276.43	9192.24	1.63	ppb
Chromium	52-2	41.04	40.83	41.14	41.01	0.39	ppb
Cobalt	59-2	0.99	1.13	1.05	1.06	6.44	ppb
Copper	63-2	52.95	54.45	54.12	53.84	1.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				101		%
Indium	115-1				106		%
Indium	115-2				95		%
Iron	56-2	6295.05	6359.05	6301.78	6318.63	0.56	ppb
Iron	57-2	5987.60	6274.71	6156.18	6139.50	2.35	ppb
Krypton	83-1						cps
Lead	206-1	193.59	192.36	190.88	192.27	0.70	ppb
Lead	207-1	178.73	176.68	175.94	177.12	0.82	ppb
Lead	208-1	188.23	183.64	185.24	185.71	1.25	ppb
Lithium	6-1				97		%
Magnesium	24-2	540.69	530.69	581.45	550.94	4.88	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-08	Instrumnet Name :	P8
Client Sample ID :	MDAN69	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:57:53	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	91.97	93.15	90.72	91.95	1.32	ppb
Molybdenum	94-1	1.25	1.17	1.28	1.24	4.73	ppb
Molybdenum	95-1	0.50	0.50	0.56	0.52	6.36	ppb
Molybdenum	96-1	0.55	0.49	0.62	0.55	11.83	ppb
Molybdenum	97-1	0.39	0.56	0.59	0.52	21.08	ppb
Molybdenum	98-1	0.46	0.52	0.51	0.50	6.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.26	8.02	8.16	8.15	1.49	ppb
Phosphorus	31-2	814.18	590.93	795.34	733.49	16.88	ppb
Potassium	39-2	421.01	395.53	411.00	409.18	3.14	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				96		%
Scandium	45-2				92		%
Selenium	77-2	10.15	20.83	0.00	10.33	100.86	ppb
Selenium	78-2	4.59	2.95	-0.55	2.33	112.59	ppb
Selenium	82-1	0.33	0.43	-0.49	0.09	559.76	ppb
Silicon	28-1	512.68	512.41	513.27	512.79	0.09	ppb
Silver	109-1	0.22	0.22	0.25	0.23	6.35	ppb
Silver	107-1	0.26	0.26	0.25	0.26	2.87	ppb
Sodium	23-2	234.98	213.23	222.37	223.53	4.89	ppb
Strontium	86-1	61.73	59.71	60.82	60.75	1.66	ppb
Strontium	88-1	62.34	60.50	61.90	61.58	1.56	ppb
Sulfur	34-1	-513.02	-599.75	-352.86	-488.54		ppb
Terbium	159-1				109		%
Terbium	159-2				101		%
Thallium	203-1	0.04	0.04	0.03	0.04	12.16	ppb
Thallium	205-1	0.05	0.04	0.05	0.05	9.15	ppb
Tin	118-1	17.25	16.64	16.83	16.91	1.84	ppb
Titanium	47-1	22.52	22.68	23.33	22.84	1.85	ppb
Uranium	238-1	0.38	0.34	0.37	0.36	5.40	ppb
Vanadium	51-2	11.35	11.23	11.38	11.32	0.70	ppb
Yttrium	89-1				102		%
Yttrium	89-2				95		%
Zinc	66-2	142.25	149.60	144.27	145.37	2.61	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-08	Instrumnet Name :	P8
Client Sample ID :	MDAN69	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:57:53	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.57	0.57	0.59	0.58	1.43	ppb
Zirconium	91-1	0.67	0.56	0.56	0.60	10.25	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-09	Instrumnet Name :	P8
Client Sample ID :	MDAN70	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 18:01:13	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11180.51	11085.43	11087.72	11117.88	0.49	ppb
Antimony	121-1	0.12	0.12	0.14	0.13	10.13	ppb
Arsenic	75-1	1.39	1.70	0.60	1.23	46.25	ppb
Barium	135-1	3.91	3.46	4.18	3.85	9.39	ppb
Barium	137-1	3.62	3.89	3.48	3.66	5.64	ppb
Beryllium	9-1	0.12	0.05	0.12	0.10	38.72	ppb
Bismuth	209-1				110		%
Bismuth	209-2				102		%
Boron	10-1	2.53	2.71	2.62	2.62	3.55	ppb
Boron	11-1	2.79	2.38	2.58	2.58	7.87	ppb
Cadmium	111-1	0.03	-0.02	-0.04	-0.01		ppb
Cadmium	106-1	-0.55	-0.35	-0.79	-0.56		ppb
Cadmium	108-1	0.00	0.29	0.39	0.23	88.72	ppb
Calcium	43-1	175.26	130.45	143.41	149.71	15.40	ppb
Calcium	44-1	147.67	134.99	132.29	138.32	5.94	ppb
Chromium	52-2	10.14	26.18	10.44	15.58	58.88	ppb
Cobalt	59-2	0.12	0.06	0.12	0.10	30.26	ppb
Copper	63-2	2.86	3.25	3.10	3.07	6.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				99		%
Indium	115-1				102		%
Indium	115-2				94		%
Iron	56-2	163.86	182.50	177.56	174.64	5.53	ppb
Iron	57-2	161.78	169.98	167.55	166.44	2.53	ppb
Krypton	83-1						cps
Lead	206-1	7.95	7.05	7.35	7.45	6.19	ppb
Lead	207-1	7.55	6.81	6.66	7.01	6.81	ppb
Lead	208-1	7.77	7.03	7.00	7.26	6.02	ppb
Lithium	6-1				95		%
Magnesium	24-2	22.33	21.36	20.82	21.50	3.56	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-09	Instrumnet Name :	P8
Client Sample ID :	MDAN70	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 18:01:13	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	16.14	16.28	16.48	16.30	1.05	ppb
Molybdenum	94-1	4.24	3.73	3.76	3.91	7.32	ppb
Molybdenum	95-1	0.74	0.74	0.76	0.74	1.33	ppb
Molybdenum	96-1	1.13	1.16	1.05	1.11	5.01	ppb
Molybdenum	97-1	0.71	0.78	0.95	0.81	14.67	ppb
Molybdenum	98-1	0.78	0.67	0.79	0.74	8.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.11	1.78	1.83	1.91	9.23	ppb
Phosphorus	31-2	422.62	515.23	392.47	443.44	14.43	ppb
Potassium	39-2	32.05	22.36	7.86	20.76	58.64	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				92		%
Scandium	45-2				92		%
Selenium	77-2	0.00	21.22	10.42	10.55	100.61	ppb
Selenium	78-2	2.95	3.02	2.96	2.97	1.30	ppb
Selenium	82-1	0.41	1.33	0.86	0.86	53.19	ppb
Silicon	28-1	1323.28	1247.28	1176.65	1249.07	5.87	ppb
Silver	109-1	0.10	0.07	0.09	0.09	13.98	ppb
Silver	107-1	0.09	0.10	0.10	0.10	5.15	ppb
Sodium	23-2	158.96	154.48	171.98	161.81	5.62	ppb
Strontium	86-1	1.80	1.58	1.59	1.65	7.41	ppb
Strontium	88-1	1.65	1.51	1.47	1.54	6.38	ppb
Sulfur	34-1	-49.86	-991.14	-1100.10	-713.70		ppb
Terbium	159-1				105		%
Terbium	159-2				100		%
Thallium	203-1	0.02	0.02	0.03	0.02	19.45	ppb
Thallium	205-1	0.03	0.01	0.02	0.02	33.42	ppb
Tin	118-1	0.38	0.37	0.38	0.38	0.81	ppb
Titanium	47-1	34.98	31.95	30.77	32.57	6.66	ppb
Uranium	238-1	0.96	0.95	0.84	0.92	7.06	ppb
Vanadium	51-2	9.96	10.60	10.62	10.40	3.63	ppb
Yttrium	89-1				98		%
Yttrium	89-2				94		%
Zinc	66-2	2.86	3.08	2.62	2.85	8.01	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-09	Instrumnet Name :	P8
Client Sample ID :	MDAN70	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 18:01:13	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	2.38	2.17	2.00	2.18	8.68	ppb
Zirconium	91-1	2.37	2.49	1.88	2.25	14.28	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-10	Instrumnet Name :	P8
Client Sample ID :	MDAN71	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 18:04:33	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4751.02	5008.41	5256.42	5005.29	5.05	ppb
Antimony	121-1	0.08	0.08	0.08	0.08	2.40	ppb
Arsenic	75-1	0.44	1.57	0.81	0.94	61.13	ppb
Barium	135-1	6.89	7.03	7.07	7.00	1.32	ppb
Barium	137-1	6.73	6.86	7.02	6.87	2.08	ppb
Beryllium	9-1	-0.02	0.07	0.01	0.02	211.47	ppb
Bismuth	209-1				114		%
Bismuth	209-2				101		%
Boron	10-1	2.18	1.55	2.28	2.00	19.72	ppb
Boron	11-1	1.53	1.92	1.78	1.74	11.34	ppb
Cadmium	111-1	-0.07	-0.08	-0.08	-0.07		ppb
Cadmium	106-1	-1.25	-1.19	-1.48	-1.31		ppb
Cadmium	108-1	-0.01	0.04	-0.01	0.01	289.68	ppb
Calcium	43-1	1072.76	1036.47	1061.70	1056.98	1.76	ppb
Calcium	44-1	1080.17	1041.58	1050.74	1057.50	1.91	ppb
Chromium	52-2	12.02	12.36	15.69	13.36	15.19	ppb
Cobalt	59-2	0.12	0.08	0.09	0.09	23.97	ppb
Copper	63-2	1.62	1.97	1.73	1.78	9.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				98		%
Indium	115-1				103		%
Indium	115-2				92		%
Iron	56-2	346.74	354.29	352.66	351.23	1.13	ppb
Iron	57-2	354.01	350.86	354.04	352.97	0.52	ppb
Krypton	83-1						cps
Lead	206-1	6.53	6.39	6.71	6.55	2.46	ppb
Lead	207-1	6.14	5.75	6.02	5.97	3.38	ppb
Lead	208-1	6.35	6.14	6.38	6.29	2.13	ppb
Lithium	6-1				97		%
Magnesium	24-2	84.25	70.28	81.34	78.62	9.38	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-10	Instrumnet Name :	P8
Client Sample ID :	MDAN71	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 18:04:33	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.58	1.27	1.79	1.55	16.96	ppb
Molybdenum	94-1	1.17	1.23	1.98	1.46	30.87	ppb
Molybdenum	95-1	0.11	0.07	0.17	0.12	40.47	ppb
Molybdenum	96-1	0.20	0.28	0.29	0.26	20.46	ppb
Molybdenum	97-1	0.16	0.13	0.22	0.17	26.22	ppb
Molybdenum	98-1	0.10	0.10	0.12	0.11	10.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.49	2.68	3.15	2.77	12.21	ppb
Phosphorus	31-2	102.66	23.65	107.17	77.83	60.36	ppb
Potassium	39-2	30.18	58.90	7.98	32.35	78.91	ppb
Rhodium	103-1				99		%
Rhodium	103-2				96		%
Scandium	45-1				93		%
Scandium	45-2				90		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.25	3.13	1.25	1.88	57.67	ppb
Selenium	82-1	-0.18	0.46	0.69	0.32	139.19	ppb
Silicon	28-1	457.75	479.99	562.29	500.01	11.01	ppb
Silver	109-1	0.08	0.07	0.07	0.07	8.98	ppb
Silver	107-1	0.07	0.07	0.10	0.08	19.62	ppb
Sodium	23-2	86.83	90.50	91.71	89.68	2.83	ppb
Strontium	86-1	7.91	7.57	7.78	7.75	2.21	ppb
Strontium	88-1	7.93	7.64	8.12	7.90	3.07	ppb
Sulfur	34-1	-1471.60	-1670.77	-1650.08	-1597.48		ppb
Terbium	159-1				107		%
Terbium	159-2				98		%
Thallium	203-1	0.01	0.00	0.01	0.01	105.69	ppb
Thallium	205-1	0.02	0.02	0.01	0.02	38.10	ppb
Tin	118-1	0.21	0.19	0.22	0.21	8.71	ppb
Titanium	47-1	26.14	33.04	21.82	27.00	20.95	ppb
Uranium	238-1	0.26	0.23	0.25	0.25	6.21	ppb
Vanadium	51-2	3.18	3.58	3.45	3.40	5.98	ppb
Yttrium	89-1				99		%
Yttrium	89-2				91		%
Zinc	66-2	5.29	6.00	6.01	5.77	7.17	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-10	Instrumnet Name :	P8
Client Sample ID :	MDAN71	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 18:04:33	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.78	0.68	0.66	0.71	8.91	ppb
Zirconium	91-1	0.81	1.10	0.84	0.91	17.52	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-11	Instrumnet Name :	P8
Client Sample ID :	MDAN72	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 18:07:55	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8555.86	8694.15	8528.11	8592.71	1.04	ppb
Antimony	121-1	0.12	0.12	0.16	0.13	15.41	ppb
Arsenic	75-1	3.60	4.11	3.30	3.67	11.16	ppb
Barium	135-1	6.44	6.38	6.63	6.48	2.03	ppb
Barium	137-1	6.51	6.46	6.64	6.54	1.47	ppb
Beryllium	9-1	0.09	0.10	0.07	0.09	21.89	ppb
Bismuth	209-1				113		%
Bismuth	209-2				102		%
Boron	10-1	3.07	1.93	2.86	2.62	23.01	ppb
Boron	11-1	2.71	2.94	2.57	2.74	6.65	ppb
Cadmium	111-1	0.04	-0.05	0.01	0.00	3896.35	ppb
Cadmium	106-1	-0.09	-1.60	-1.09	-0.92		ppb
Cadmium	108-1	0.34	0.24	0.29	0.29	18.13	ppb
Calcium	43-1	1549.83	1517.02	1522.28	1529.71	1.15	ppb
Calcium	44-1	1517.93	1486.35	1500.24	1501.50	1.05	ppb
Chromium	52-2	13.25	13.67	13.26	13.39	1.80	ppb
Cobalt	59-2	0.17	0.14	0.13	0.14	13.53	ppb
Copper	63-2	12.53	12.73	12.44	12.57	1.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				99		%
Indium	115-1				102		%
Indium	115-2				93		%
Iron	56-2	589.61	610.02	599.95	599.86	1.70	ppb
Iron	57-2	598.21	597.24	595.96	597.14	0.19	ppb
Krypton	83-1						cps
Lead	206-1	11.60	11.22	11.58	11.47	1.86	ppb
Lead	207-1	10.54	10.24	10.81	10.53	2.72	ppb
Lead	208-1	11.06	10.72	11.13	10.97	1.99	ppb
Lithium	6-1				97		%
Magnesium	24-2	209.81	223.93	196.97	210.24	6.42	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-11	Instrumnet Name :	P8
Client Sample ID :	MDAN72	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 18:07:55	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	30.10	30.64	29.46	30.07	1.97	ppb
Molybdenum	94-1	3.97	1.81	1.94	2.57	47.05	ppb
Molybdenum	95-1	0.21	0.19	0.22	0.21	9.67	ppb
Molybdenum	96-1	0.33	0.49	0.41	0.41	20.15	ppb
Molybdenum	97-1	0.19	0.38	0.25	0.27	35.22	ppb
Molybdenum	98-1	0.22	0.22	0.21	0.22	4.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.70	1.10	1.31	1.04	29.97	ppb
Phosphorus	31-2	709.95	523.68	763.03	665.55	18.89	ppb
Potassium	39-2	91.81	88.57	69.10	83.16	14.77	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				92		%
Scandium	45-2				91		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	4.82	4.90	-0.55	3.06	102.16	ppb
Selenium	82-1	1.53	1.78	1.27	1.52	16.68	ppb
Silicon	28-1	827.79	856.85	776.31	820.32	4.97	ppb
Silver	109-1	0.09	0.10	0.09	0.09	5.57	ppb
Silver	107-1	0.10	0.11	0.11	0.11	6.52	ppb
Sodium	23-2	114.20	139.54	117.47	123.74	11.14	ppb
Strontium	86-1	9.83	9.82	9.75	9.80	0.44	ppb
Strontium	88-1	10.14	9.99	9.83	9.99	1.52	ppb
Sulfur	34-1	-1213.51	-1280.50	-1377.83	-1290.61		ppb
Terbium	159-1				107		%
Terbium	159-2				99		%
Thallium	203-1	0.02	0.02	0.04	0.03	37.23	ppb
Thallium	205-1	0.02	0.03	0.02	0.03	19.78	ppb
Tin	118-1	0.19	0.30	0.24	0.25	22.53	ppb
Titanium	47-1	21.89	23.01	37.43	27.44	31.58	ppb
Uranium	238-1	0.99	1.00	0.99	0.99	0.63	ppb
Vanadium	51-2	5.28	5.12	4.97	5.12	3.00	ppb
Yttrium	89-1				99		%
Yttrium	89-2				93		%
Zinc	66-2	24.75	26.24	27.01	26.00	4.41	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-11	Instrumnet Name :	P8
Client Sample ID :	MDAN72	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 18:07:55	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.18	1.09	1.06	1.11	5.49	ppb
Zirconium	91-1	1.46	1.38	1.02	1.29	18.21	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-12	Instrumnet Name :	P8
Client Sample ID :	MDAN73	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 18:11:15	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8670.86	8445.30	8003.23	8373.13	4.06	ppb
Antimony	121-1	0.06	0.09	0.11	0.09	33.88	ppb
Arsenic	75-1	1.50	2.15	1.77	1.81	17.82	ppb
Barium	135-1	5.05	5.17	5.86	5.36	8.14	ppb
Barium	137-1	5.28	5.47	5.70	5.48	3.87	ppb
Beryllium	9-1	0.11	0.13	0.12	0.12	7.65	ppb
Bismuth	209-1				114		%
Bismuth	209-2				105		%
Boron	10-1	1.42	2.04	2.28	1.91	23.21	ppb
Boron	11-1	2.19	1.62	2.67	2.16	24.30	ppb
Cadmium	111-1	-0.12	-0.09	0.02	-0.06		ppb
Cadmium	106-1	-2.11	-1.82	-0.41	-1.45		ppb
Cadmium	108-1	-0.01	0.04	0.20	0.08	146.50	ppb
Calcium	43-1	1697.69	1809.43	1898.24	1801.79	5.58	ppb
Calcium	44-1	1728.10	1787.10	1907.38	1807.53	5.05	ppb
Chromium	52-2	8.64	8.32	8.01	8.32	3.81	ppb
Cobalt	59-2	0.13	0.16	0.12	0.14	14.45	ppb
Copper	63-2	8.20	8.29	7.92	8.14	2.35	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				109		%
Holmium	165-2				102		%
Indium	115-1				105		%
Indium	115-2				95		%
Iron	56-2	489.44	494.22	482.50	488.72	1.21	ppb
Iron	57-2	507.62	509.89	450.02	489.18	6.94	ppb
Krypton	83-1						cps
Lead	206-1	6.30	6.49	7.03	6.61	5.70	ppb
Lead	207-1	5.83	5.85	6.31	6.00	4.58	ppb
Lead	208-1	6.07	6.14	6.64	6.28	4.93	ppb
Lithium	6-1				98		%
Magnesium	24-2	213.74	198.75	194.55	202.35	4.99	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-12	Instrumnet Name :	P8
Client Sample ID :	MDAN73	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 18:11:15	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	45.62	44.65	44.00	44.75	1.82	ppb
Molybdenum	94-1	1.61	1.81	1.85	1.76	7.21	ppb
Molybdenum	95-1	0.16	0.19	0.21	0.19	11.30	ppb
Molybdenum	96-1	0.39	0.38	0.49	0.42	14.86	ppb
Molybdenum	97-1	0.13	0.28	0.20	0.20	35.31	ppb
Molybdenum	98-1	0.21	0.16	0.26	0.21	23.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.97	0.42	0.51	0.63	46.31	ppb
Phosphorus	31-2	744.75	710.25	411.99	622.33	29.40	ppb
Potassium	39-2	55.60	64.10	64.65	61.45	8.25	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				94		%
Scandium	45-2				93		%
Selenium	77-2	10.45	10.48	0.00	6.98	86.60	ppb
Selenium	78-2	-0.55	2.98	1.19	1.21	145.98	ppb
Selenium	82-1	1.24	0.47	0.34	0.69	70.54	ppb
Silicon	28-1	837.15	814.09	925.34	858.86	6.84	ppb
Silver	109-1	0.08	0.07	0.10	0.08	20.14	ppb
Silver	107-1	0.08	0.08	0.11	0.09	19.26	ppb
Sodium	23-2	99.43	97.49	91.22	96.05	4.47	ppb
Strontium	86-1	7.77	8.03	8.38	8.06	3.82	ppb
Strontium	88-1	7.96	8.21	8.74	8.30	4.78	ppb
Sulfur	34-1	-1661.78	-1642.44	-1061.70	-1455.31		ppb
Terbium	159-1				109		%
Terbium	159-2				102		%
Thallium	203-1	0.02	0.00	0.01	0.01	79.13	ppb
Thallium	205-1	0.02	0.01	0.02	0.02	11.28	ppb
Tin	118-1	0.18	0.14	0.18	0.17	13.24	ppb
Titanium	47-1	22.75	24.15	22.90	23.27	3.30	ppb
Uranium	238-1	0.95	0.98	1.07	1.00	6.03	ppb
Vanadium	51-2	4.60	4.16	4.07	4.27	6.59	ppb
Yttrium	89-1				101		%
Yttrium	89-2				94		%
Zinc	66-2	20.02	18.11	18.67	18.93	5.18	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-12	Instrumnet Name :	P8
Client Sample ID :	MDAN73	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 18:11:15	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.99	1.07	1.14	1.07	7.00	ppb
Zirconium	91-1	1.13	1.07	1.11	1.10	3.11	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-13	Instrumnet Name :	P8
Client Sample ID :	MDAN74	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 18:14:37	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9166.46	9475.26	9260.40	9300.70	1.70	ppb
Antimony	121-1	0.06	0.07	0.08	0.07	17.86	ppb
Arsenic	75-1	1.28	0.91	0.78	0.99	26.40	ppb
Barium	135-1	4.07	4.47	4.31	4.28	4.76	ppb
Barium	137-1	4.12	4.23	4.35	4.23	2.69	ppb
Beryllium	9-1	0.08	0.01	0.11	0.06	82.85	ppb
Bismuth	209-1				117		%
Bismuth	209-2				104		%
Boron	10-1	2.64	2.13	1.59	2.12	24.81	ppb
Boron	11-1	1.61	1.59	1.90	1.70	10.33	ppb
Cadmium	111-1	0.00	0.09	-0.01	0.03	226.37	ppb
Cadmium	106-1	-0.40	0.25	-0.96	-0.37		ppb
Cadmium	108-1	0.32	-0.11	0.04	0.08	256.15	ppb
Calcium	43-1	1090.61	1146.30	1126.85	1121.26	2.52	ppb
Calcium	44-1	1169.74	1144.86	1115.37	1143.32	2.38	ppb
Chromium	52-2	6.99	6.38	6.75	6.71	4.62	ppb
Cobalt	59-2	0.08	0.11	0.06	0.09	28.90	ppb
Copper	63-2	5.30	5.68	5.38	5.45	3.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				101		%
Indium	115-1				107		%
Indium	115-2				94		%
Iron	56-2	377.53	379.49	369.87	375.63	1.35	ppb
Iron	57-2	381.65	418.03	351.41	383.70	8.69	ppb
Krypton	83-1						cps
Lead	206-1	6.25	6.20	6.38	6.28	1.44	ppb
Lead	207-1	5.83	5.65	5.86	5.78	1.98	ppb
Lead	208-1	5.94	5.93	6.02	5.96	0.86	ppb
Lithium	6-1				100		%
Magnesium	24-2	123.33	122.36	121.79	122.49	0.63	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-13	Instrumnet Name :	P8
Client Sample ID :	MDAN74	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 18:14:37	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	24.38	26.99	25.52	25.63	5.11	ppb
Molybdenum	94-1	1.94	1.77	1.96	1.89	5.42	ppb
Molybdenum	95-1	0.13	0.16	0.16	0.15	9.25	ppb
Molybdenum	96-1	0.33	0.31	0.41	0.35	14.74	ppb
Molybdenum	97-1	0.15	0.09	0.22	0.15	40.24	ppb
Molybdenum	98-1	0.12	0.13	0.19	0.14	25.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.61	0.96	0.74	0.77	22.78	ppb
Phosphorus	31-2	345.37	593.91	305.31	414.87	37.69	ppb
Potassium	39-2	97.11	61.64	41.78	66.85	41.93	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				96		%
Scandium	45-2				92		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.55	2.96	-0.55	0.62	326.32	ppb
Selenium	82-1	1.35	0.31	0.47	0.71	78.82	ppb
Silicon	28-1	920.84	904.67	919.07	914.86	0.97	ppb
Silver	109-1	0.06	0.07	0.10	0.07	27.26	ppb
Silver	107-1	0.06	0.09	0.07	0.07	16.53	ppb
Sodium	23-2	112.64	118.89	118.43	116.65	2.99	ppb
Strontium	86-1	6.61	6.35	6.64	6.54	2.43	ppb
Strontium	88-1	6.58	6.50	6.74	6.60	1.88	ppb
Sulfur	34-1	-1696.58	-1522.52	-1736.14	-1651.74		ppb
Terbium	159-1				111		%
Terbium	159-2				101		%
Thallium	203-1	0.02	0.01	0.02	0.02	34.32	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	26.92	ppb
Tin	118-1	0.29	0.39	0.36	0.35	14.30	ppb
Titanium	47-1	22.75	24.98	23.61	23.78	4.71	ppb
Uranium	238-1	0.93	0.91	0.94	0.93	1.86	ppb
Vanadium	51-2	3.39	3.41	3.63	3.47	3.83	ppb
Yttrium	89-1				103		%
Yttrium	89-2				94		%
Zinc	66-2	13.05	13.89	14.22	13.72	4.41	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-13	Instrumnet Name :	P8
Client Sample ID :	MDAN74	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 18:14:37	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.19	1.24	1.25	1.23	2.43	ppb
Zirconium	91-1	1.34	1.25	1.29	1.29	3.33	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-14	Instrumnet Name :	P8
Client Sample ID :	MDAN75	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 18:17:58	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2621.59	2728.32	2751.09	2700.33	2.56	ppb
Antimony	121-1	0.43	0.40	0.47	0.44	7.81	ppb
Arsenic	75-1	32.65	33.57	32.25	32.83	2.05	ppb
Barium	135-1	17.22	16.80	16.51	16.84	2.11	ppb
Barium	137-1	16.86	16.59	16.01	16.49	2.64	ppb
Beryllium	9-1	0.09	0.08	0.05	0.07	32.72	ppb
Bismuth	209-1				118		%
Bismuth	209-2				104		%
Boron	10-1	1.71	1.45	2.84	2.00	36.79	ppb
Boron	11-1	2.01	2.44	2.84	2.43	17.14	ppb
Cadmium	111-1	0.00	0.00	0.16	0.06	159.68	ppb
Cadmium	106-1	-2.22	-2.42	0.11	-1.51		ppb
Cadmium	108-1	0.47	0.14	0.42	0.34	51.94	ppb
Calcium	43-1	3585.76	3494.67	3398.98	3493.14	2.67	ppb
Calcium	44-1	3455.19	3476.62	3369.26	3433.69	1.65	ppb
Chromium	52-2	113.95	113.71	114.91	114.19	0.55	ppb
Cobalt	59-2	0.36	0.39	0.36	0.37	4.14	ppb
Copper	63-2	65.62	63.85	65.53	65.00	1.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				100		%
Indium	115-1				106		%
Indium	115-2				93		%
Iron	56-2	1180.60	1179.60	1195.53	1185.24	0.75	ppb
Iron	57-2	1153.80	1185.31	1149.56	1162.89	1.68	ppb
Krypton	83-1						cps
Lead	206-1	49.61	51.43	49.16	50.07	2.40	ppb
Lead	207-1	46.24	46.69	45.50	46.14	1.30	ppb
Lead	208-1	47.75	49.27	47.62	48.21	1.90	ppb
Lithium	6-1				100		%
Magnesium	24-2	334.41	292.48	329.22	318.70	7.17	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-14	Instrumnet Name :	P8
Client Sample ID :	MDAN75	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 18:17:58	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	67.15	68.48	67.76	67.80	0.98	ppb
Molybdenum	94-1	1.55	1.61	1.52	1.56	2.71	ppb
Molybdenum	95-1	0.20	0.29	0.24	0.24	17.85	ppb
Molybdenum	96-1	0.36	0.38	0.36	0.36	2.76	ppb
Molybdenum	97-1	0.28	0.25	0.20	0.24	17.93	ppb
Molybdenum	98-1	0.23	0.21	0.22	0.22	4.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.67	1.91	2.57	2.05	22.78	ppb
Phosphorus	31-2	476.49	228.14	273.15	325.93	40.60	ppb
Potassium	39-2	111.73	105.09	126.06	114.29	9.38	ppb
Rhodium	103-1				102		%
Rhodium	103-2				97		%
Scandium	45-1				95		%
Scandium	45-2				90		%
Selenium	77-2	0.00	0.00	10.74	3.58	173.21	ppb
Selenium	78-2	1.22	4.78	3.07	3.02	58.88	ppb
Selenium	82-1	0.12	0.62	0.22	0.32	82.82	ppb
Silicon	28-1	561.60	478.80	802.99	614.46	27.41	ppb
Silver	109-1	0.07	0.10	0.11	0.09	20.77	ppb
Silver	107-1	0.10	0.10	0.10	0.10	4.14	ppb
Sodium	23-2	122.50	113.79	120.82	119.04	3.88	ppb
Strontium	86-1	26.41	27.19	25.76	26.45	2.69	ppb
Strontium	88-1	26.86	27.89	26.67	27.14	2.43	ppb
Sulfur	34-1	-1661.31	-1585.27	-1781.23	-1675.94		ppb
Terbium	159-1				111		%
Terbium	159-2				100		%
Thallium	203-1	0.01	0.02	0.03	0.02	51.42	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	2.05	ppb
Tin	118-1	1.33	1.44	1.25	1.34	7.14	ppb
Titanium	47-1	137.14	32.29	28.96	66.13	93.03	ppb
Uranium	238-1	0.58	0.58	0.59	0.59	1.07	ppb
Vanadium	51-2	5.15	4.88	5.25	5.09	3.81	ppb
Yttrium	89-1				102		%
Yttrium	89-2				93		%
Zinc	66-2	60.47	56.63	58.69	58.60	3.28	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-14	Instrumnet Name :	P8
Client Sample ID :	MDAN75	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 18:17:58	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.95	1.05	0.90	0.97	8.00	ppb
Zirconium	91-1	1.12	0.77	0.93	0.94	18.59	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-15	Instrumnet Name :	P8
Client Sample ID :	MDAN76	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 18:21:21	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5910.86	6024.31	5977.74	5970.97	0.96	ppb
Antimony	121-1	0.09	0.10	0.09	0.09	6.32	ppb
Arsenic	75-1	3.08	2.76	3.05	2.96	6.00	ppb
Barium	135-1	10.95	10.25	10.47	10.56	3.39	ppb
Barium	137-1	10.49	10.87	10.48	10.62	2.10	ppb
Beryllium	9-1	-0.01	-0.01	0.04	0.01	514.21	ppb
Bismuth	209-1				117		%
Bismuth	209-2				104		%
Boron	10-1	0.88	1.34	0.85	1.02	27.12	ppb
Boron	11-1	1.38	1.25	1.21	1.28	7.21	ppb
Cadmium	111-1	-0.12	-0.12	-0.10	-0.11		ppb
Cadmium	106-1	-2.02	-2.12	-1.91	-2.02		ppb
Cadmium	108-1	-0.06	0.04	0.13	0.04	251.56	ppb
Calcium	43-1	1691.08	1559.57	1585.69	1612.11	4.32	ppb
Calcium	44-1	1653.94	1633.38	1603.83	1630.38	1.54	ppb
Chromium	52-2	22.48	21.12	22.38	21.99	3.43	ppb
Cobalt	59-2	0.17	0.16	0.24	0.19	23.20	ppb
Copper	63-2	5.24	5.63	5.79	5.55	5.09	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				101		%
Indium	115-1				105		%
Indium	115-2				94		%
Iron	56-2	407.96	395.83	407.28	403.69	1.69	ppb
Iron	57-2	366.61	412.93	425.88	401.81	7.76	ppb
Krypton	83-1						cps
Lead	206-1	9.03	8.93	8.75	8.90	1.62	ppb
Lead	207-1	8.13	8.22	8.04	8.13	1.11	ppb
Lead	208-1	8.65	8.58	8.38	8.54	1.60	ppb
Lithium	6-1				100		%
Magnesium	24-2	161.76	153.28	157.41	157.48	2.69	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-15	Instrumnet Name :	P8
Client Sample ID :	MDAN76	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 18:21:21	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2.20	2.63	2.96	2.60	14.55	ppb
Molybdenum	94-1	1.18	1.42	1.36	1.32	9.29	ppb
Molybdenum	95-1	0.11	0.13	0.10	0.11	12.66	ppb
Molybdenum	96-1	0.24	0.33	0.26	0.28	18.78	ppb
Molybdenum	97-1	0.17	0.11	0.13	0.14	22.82	ppb
Molybdenum	98-1	0.14	0.18	0.17	0.16	11.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.55	6.06	5.98	5.86	4.66	ppb
Phosphorus	31-2	226.53	22.77	65.58	104.96	102.36	ppb
Potassium	39-2	13.44	2.93	8.57	8.32	63.24	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				94		%
Scandium	45-2				90		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.22	-0.55	-0.55	0.04	2459.16	ppb
Selenium	82-1	0.74	0.98	1.06	0.92	17.81	ppb
Silicon	28-1	423.20	342.63	358.20	374.68	11.41	ppb
Silver	109-1	0.08	0.08	0.06	0.07	11.69	ppb
Silver	107-1	0.06	0.06	0.08	0.07	14.88	ppb
Sodium	23-2	88.36	89.52	83.75	87.21	3.50	ppb
Strontium	86-1	30.14	30.12	29.95	30.07	0.35	ppb
Strontium	88-1	30.75	30.66	30.31	30.57	0.76	ppb
Sulfur	34-1	-1737.24	-1837.58	-2038.97	-1871.26		ppb
Terbium	159-1				110		%
Terbium	159-2				100		%
Thallium	203-1	0.01	0.01	0.01	0.01	22.76	ppb
Thallium	205-1	0.00	0.00	0.01	0.00	42.70	ppb
Tin	118-1	0.21	0.18	0.18	0.19	7.15	ppb
Titanium	47-1	26.47	27.34	33.98	29.26	14.04	ppb
Uranium	238-1	0.38	0.36	0.35	0.36	3.45	ppb
Vanadium	51-2	2.69	2.92	3.03	2.88	5.95	ppb
Yttrium	89-1				101		%
Yttrium	89-2				93		%
Zinc	66-2	3.22	4.74	6.03	4.66	30.24	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-15	Instrumnet Name :	P8
Client Sample ID :	MDAN76	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 18:21:21	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.79	0.73	0.82	0.78	6.42	ppb
Zirconium	91-1	0.84	0.88	0.84	0.85	3.14	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-16	Instrumnet Name :	P8
Client Sample ID :	MDAN77	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 18:24:42	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9816.65	9984.31	10346.48	10049.15	2.69	ppb
Antimony	121-1	0.02	0.03	0.06	0.04	58.22	ppb
Arsenic	75-1	1.12	1.06	0.89	1.02	11.35	ppb
Barium	135-1	7.88	8.02	7.80	7.90	1.39	ppb
Barium	137-1	7.81	7.49	7.23	7.51	3.91	ppb
Beryllium	9-1	0.01	-0.03	0.03	0.00	667.14	ppb
Bismuth	209-1				116		%
Bismuth	209-2				103		%
Boron	10-1	0.12	0.15	0.59	0.29	91.23	ppb
Boron	11-1	1.16	0.68	0.82	0.89	28.10	ppb
Cadmium	111-1	-0.22	0.01	-0.03	-0.08		ppb
Cadmium	106-1	-2.81	0.01	-0.70	-1.17		ppb
Cadmium	108-1	0.24	0.09	0.04	0.12	85.16	ppb
Calcium	43-1	467.25	456.53	442.24	455.34	2.76	ppb
Calcium	44-1	474.72	460.32	468.13	467.72	1.54	ppb
Chromium	52-2	16.20	17.57	16.47	16.75	4.33	ppb
Cobalt	59-2	0.25	0.25	0.36	0.29	23.06	ppb
Copper	63-2	1.34	1.46	1.33	1.38	5.05	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				111		%
Holmium	165-2				100		%
Indium	115-1				105		%
Indium	115-2				93		%
Iron	56-2	913.52	944.97	919.97	926.15	1.79	ppb
Iron	57-2	898.33	942.63	835.86	892.27	6.01	ppb
Krypton	83-1						cps
Lead	206-1	6.20	6.13	6.36	6.23	1.84	ppb
Lead	207-1	5.77	5.64	5.73	5.72	1.15	ppb
Lead	208-1	6.07	5.91	6.01	6.00	1.36	ppb
Lithium	6-1				99		%
Magnesium	24-2	73.23	84.02	96.97	84.74	14.03	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-16	Instrumnet Name :	P8
Client Sample ID :	MDAN77	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 18:24:42	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2.21	1.81	2.10	2.04	10.10	ppb
Molybdenum	94-1	1.53	1.59	1.80	1.64	8.77	ppb
Molybdenum	95-1	0.17	0.29	0.21	0.22	27.88	ppb
Molybdenum	96-1	0.47	0.44	0.31	0.41	20.99	ppb
Molybdenum	97-1	0.29	0.28	0.25	0.27	7.72	ppb
Molybdenum	98-1	0.26	0.22	0.24	0.24	8.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.26	7.04	6.28	6.53	6.76	ppb
Phosphorus	31-2	22.50	23.83	-18.47	9.29	258.95	ppb
Potassium	39-2	1.78	22.70	-31.19	-2.24		ppb
Rhodium	103-1				101		%
Rhodium	103-2				97		%
Scandium	45-1				93		%
Scandium	45-2				90		%
Selenium	77-2	0.00	10.62	0.00	3.54	173.21	ppb
Selenium	78-2	13.65	1.24	4.81	6.57	97.28	ppb
Selenium	82-1	0.59	1.41	1.27	1.09	40.45	ppb
Silicon	28-1	826.23	872.90	829.44	842.86	3.09	ppb
Silver	109-1	0.06	0.05	0.07	0.06	13.44	ppb
Silver	107-1	0.06	0.08	0.06	0.07	17.02	ppb
Sodium	23-2	66.77	70.48	74.92	70.73	5.77	ppb
Strontium	86-1	6.98	7.01	7.15	7.05	1.29	ppb
Strontium	88-1	7.39	7.19	7.41	7.33	1.69	ppb
Sulfur	34-1	-1886.27	-2065.19	-1958.40	-1969.95		ppb
Terbium	159-1				109		%
Terbium	159-2				101		%
Thallium	203-1	0.01	0.01	0.00	0.01	53.20	ppb
Thallium	205-1	0.01	0.01	0.00	0.00	145.78	ppb
Tin	118-1	0.08	0.10	0.11	0.10	14.01	ppb
Titanium	47-1	32.53	19.19	20.19	23.97	30.99	ppb
Uranium	238-1	0.36	0.33	0.34	0.34	4.53	ppb
Vanadium	51-2	6.02	5.48	5.83	5.78	4.70	ppb
Yttrium	89-1				100		%
Yttrium	89-2				93		%
Zinc	66-2	2.06	2.34	1.71	2.03	15.48	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-16	Instrumnet Name :	P8
Client Sample ID :	MDAN77	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 18:24:42	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.97	0.96	1.01	0.98	2.89	ppb
Zirconium	91-1	1.03	1.01	0.96	1.00	3.31	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-17	Instrumnet Name :	P8
Client Sample ID :	MDAN78	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 18:28:04	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	634.70	719.14	563.74	639.19	12.17	ppb
Antimony	121-1	0.21	0.24	0.22	0.22	7.07	ppb
Arsenic	75-1	17.67	17.23	16.91	17.27	2.21	ppb
Barium	135-1	9.71	9.03	10.01	9.58	5.23	ppb
Barium	137-1	9.21	9.00	9.78	9.33	4.35	ppb
Beryllium	9-1	0.01	-0.01	-0.02	-0.01		ppb
Bismuth	209-1				114		%
Bismuth	209-2				99		%
Boron	10-1	-0.17	0.40	1.88	0.70	150.71	ppb
Boron	11-1	1.30	0.95	0.87	1.04	22.19	ppb
Cadmium	111-1	0.09	-0.01	-0.07	0.00	4113.57	ppb
Cadmium	106-1	-1.13	-2.11	-2.68	-1.97		ppb
Cadmium	108-1	0.09	-0.01	0.04	0.04	120.38	ppb
Calcium	43-1	1073.16	1049.15	1092.82	1071.71	2.04	ppb
Calcium	44-1	1077.81	1039.41	1083.52	1066.92	2.25	ppb
Chromium	52-2	40.43	46.18	39.76	42.12	8.38	ppb
Cobalt	59-2	0.09	0.16	0.12	0.12	28.97	ppb
Copper	63-2	29.45	34.42	28.72	30.86	10.04	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				95		%
Indium	115-1				103		%
Indium	115-2				90		%
Iron	56-2	706.91	809.40	684.81	733.70	9.06	ppb
Iron	57-2	735.73	792.40	750.93	759.69	3.86	ppb
Krypton	83-1						cps
Lead	206-1	43.81	43.04	43.89	43.58	1.07	ppb
Lead	207-1	41.19	40.02	40.06	40.42	1.65	ppb
Lead	208-1	42.47	41.50	41.87	41.95	1.16	ppb
Lithium	6-1				97		%
Magnesium	24-2	113.38	122.26	116.01	117.22	3.89	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-17	Instrumnet Name :	P8
Client Sample ID :	MDAN78	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 18:28:04	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	4.81	5.37	4.78	4.99	6.72	ppb
Molybdenum	94-1	0.69	0.50	0.42	0.54	26.14	ppb
Molybdenum	95-1	0.07	0.15	0.10	0.11	38.69	ppb
Molybdenum	96-1	0.15	0.17	0.17	0.16	7.91	ppb
Molybdenum	97-1	0.09	0.12	0.12	0.11	19.05	ppb
Molybdenum	98-1	0.09	0.16	0.17	0.14	29.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.75	1.33	0.85	0.98	31.47	ppb
Phosphorus	31-2	-18.47	76.66	23.03	27.07	176.17	ppb
Potassium	39-2	35.16	25.25	31.47	30.63	16.36	ppb
Rhodium	103-1				99		%
Rhodium	103-2				94		%
Scandium	45-1				93		%
Scandium	45-2				86		%
Selenium	77-2	0.00	11.93	0.00	3.98	173.21	ppb
Selenium	78-2	-0.55	1.46	1.22	0.71	154.58	ppb
Selenium	82-1	0.15	0.16	-0.14	0.06	294.55	ppb
Silicon	28-1	238.30	325.07	170.33	244.57	31.71	ppb
Silver	109-1	0.10	0.08	0.09	0.09	13.36	ppb
Silver	107-1	0.10	0.09	0.11	0.10	11.07	ppb
Sodium	23-2	73.55	90.35	76.90	80.27	11.08	ppb
Strontium	86-1	25.17	24.27	25.04	24.83	1.96	ppb
Strontium	88-1	25.81	25.14	25.79	25.58	1.50	ppb
Sulfur	34-1	-1820.86	-2002.78	-1774.64	-1866.09		ppb
Terbium	159-1				108		%
Terbium	159-2				96		%
Thallium	203-1	0.01	-0.01	0.01	0.00	240.09	ppb
Thallium	205-1	0.00	-0.01	0.01	0.00		ppb
Tin	118-1	1.29	1.18	1.23	1.23	4.41	ppb
Titanium	47-1	17.33	15.89	16.58	16.60	4.35	ppb
Uranium	238-1	0.13	0.13	0.13	0.13	2.34	ppb
Vanadium	51-2	6.92	7.12	6.58	6.87	3.99	ppb
Yttrium	89-1				99		%
Yttrium	89-2				89		%
Zinc	66-2	21.88	24.97	23.59	23.48	6.60	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-17	Instrumnet Name :	P8
Client Sample ID :	MDAN78	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 18:28:04	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.26	0.24	0.25	0.25	3.06	ppb
Zirconium	91-1	0.26	0.28	0.31	0.29	9.52	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-18	Instrumnet Name :	P8
Client Sample ID :	MDAN79	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 18:31:26	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	637.12	720.30	705.80	687.74	6.46	ppb
Antimony	121-1	0.42	0.40	0.45	0.42	6.22	ppb
Arsenic	75-1	26.87	26.24	26.93	26.68	1.44	ppb
Barium	135-1	10.42	11.19	11.40	11.00	4.72	ppb
Barium	137-1	11.14	11.27	10.82	11.08	2.06	ppb
Beryllium	9-1	0.09	0.05	0.03	0.06	58.86	ppb
Bismuth	209-1				117		%
Bismuth	209-2				102		%
Boron	10-1	2.83	2.12	2.09	2.35	18.03	ppb
Boron	11-1	2.50	1.77	2.73	2.33	21.61	ppb
Cadmium	111-1	0.18	0.20	0.23	0.20	13.30	ppb
Cadmium	106-1	-0.70	-0.90	-0.22	-0.61		ppb
Cadmium	108-1	0.19	0.29	0.14	0.20	36.52	ppb
Calcium	43-1	2050.41	1969.75	2114.28	2044.81	3.54	ppb
Calcium	44-1	2006.93	2053.79	2068.84	2043.19	1.58	ppb
Chromium	52-2	75.21	74.27	80.68	76.72	4.51	ppb
Cobalt	59-2	0.22	0.14	0.20	0.19	21.20	ppb
Copper	63-2	53.55	52.08	55.85	53.83	3.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				98		%
Indium	115-1				104		%
Indium	115-2				91		%
Iron	56-2	814.28	808.01	873.02	831.77	4.31	ppb
Iron	57-2	842.39	811.76	849.64	834.59	2.41	ppb
Krypton	83-1						cps
Lead	206-1	57.14	56.13	57.42	56.90	1.20	ppb
Lead	207-1	52.15	52.15	52.33	52.21	0.20	ppb
Lead	208-1	54.30	53.97	54.78	54.35	0.75	ppb
Lithium	6-1				99		%
Magnesium	24-2	323.89	306.80	329.06	319.92	3.64	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-18	Instrumnet Name :	P8
Client Sample ID :	MDAN79	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 18:31:26	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	8.66	10.12	10.33	9.70	9.36	ppb
Molybdenum	94-1	0.58	0.55	0.67	0.60	10.22	ppb
Molybdenum	95-1	0.26	0.25	0.27	0.26	2.42	ppb
Molybdenum	96-1	0.27	0.27	0.29	0.28	4.68	ppb
Molybdenum	97-1	0.24	0.27	0.37	0.30	24.12	ppb
Molybdenum	98-1	0.28	0.26	0.26	0.27	4.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.03	2.31	2.20	2.18	6.38	ppb
Phosphorus	31-2	194.12	273.63	113.39	193.71	41.36	ppb
Potassium	39-2	176.74	171.30	202.00	183.35	8.93	ppb
Rhodium	103-1				101		%
Rhodium	103-2				96		%
Scandium	45-1				93		%
Scandium	45-2				87		%
Selenium	77-2	0.00	20.99	0.00	7.00	173.21	ppb
Selenium	78-2	3.10	-0.55	-0.55	0.67	315.76	ppb
Selenium	82-1	0.15	-0.24	0.10	0.00	4656.03	ppb
Silicon	28-1	135.28	147.68	343.43	208.80	55.92	ppb
Silver	109-1	0.12	0.10	0.11	0.11	6.69	ppb
Silver	107-1	0.09	0.09	0.11	0.10	13.62	ppb
Sodium	23-2	136.04	136.29	135.66	136.00	0.23	ppb
Strontium	86-1	23.38	23.57	23.88	23.61	1.09	ppb
Strontium	88-1	23.86	24.12	24.32	24.10	0.96	ppb
Sulfur	34-1	-1645.88	-1556.70	-1557.05	-1586.54		ppb
Terbium	159-1				108		%
Terbium	159-2				98		%
Thallium	203-1	0.01	0.02	0.01	0.01	35.77	ppb
Thallium	205-1	0.00	0.01	0.00	0.00	228.24	ppb
Tin	118-1	1.72	1.70	1.75	1.73	1.52	ppb
Titanium	47-1	16.31	16.01	17.59	16.64	5.04	ppb
Uranium	238-1	0.14	0.13	0.15	0.14	5.05	ppb
Vanadium	51-2	5.99	5.71	5.88	5.86	2.40	ppb
Yttrium	89-1				100		%
Yttrium	89-2				90		%
Zinc	66-2	47.14	48.76	50.82	48.91	3.77	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-18	Instrumnet Name :	P8
Client Sample ID :	MDAN79	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 18:31:26	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.26	0.25	0.23	0.25	5.65	ppb
Zirconium	91-1	0.27	0.23	0.26	0.26	7.58	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-19	Instrumnet Name :	P8
Client Sample ID :	MDAN80	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 18:34:47	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	904.39	870.32	889.00	887.90	1.92	ppb
Antimony	121-1	0.51	0.50	0.48	0.50	2.95	ppb
Arsenic	75-1	33.04	32.61	32.60	32.75	0.76	ppb
Barium	135-1	21.67	21.89	21.77	21.77	0.50	ppb
Barium	137-1	21.42	21.77	21.70	21.63	0.85	ppb
Beryllium	9-1	-0.01	0.04	0.07	0.04	121.27	ppb
Bismuth	209-1				118		%
Bismuth	209-2				105		%
Boron	10-1	1.84	2.20	2.40	2.15	13.20	ppb
Boron	11-1	2.40	2.31	2.11	2.27	6.39	ppb
Cadmium	111-1	0.06	0.24	0.02	0.11	109.82	ppb
Cadmium	106-1	-1.48	1.24	-1.97	-0.74		ppb
Cadmium	108-1	0.27	0.47	0.23	0.32	39.66	ppb
Calcium	43-1	4816.17	4965.65	4933.66	4905.16	1.60	ppb
Calcium	44-1	4779.71	4875.10	4836.89	4830.56	0.99	ppb
Chromium	52-2	86.04	85.32	82.30	84.56	2.34	ppb
Cobalt	59-2	0.27	0.34	0.26	0.29	13.58	ppb
Copper	63-2	99.08	98.21	95.89	97.73	1.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				101		%
Indium	115-1				106		%
Indium	115-2				93		%
Iron	56-2	1293.38	1274.18	1234.89	1267.48	2.35	ppb
Iron	57-2	1237.20	1246.67	1325.92	1269.93	3.84	ppb
Krypton	83-1						cps
Lead	206-1	60.36	60.84	61.50	60.90	0.94	ppb
Lead	207-1	55.87	56.96	55.67	56.17	1.24	ppb
Lead	208-1	57.71	58.69	58.32	58.24	0.85	ppb
Lithium	6-1				100		%
Magnesium	24-2	541.35	493.36	486.64	507.12	5.88	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-19	Instrumnet Name :	P8
Client Sample ID :	MDAN80	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 18:34:47	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	37.69	38.35	36.30	37.45	2.80	ppb
Molybdenum	94-1	0.70	0.72	0.69	0.70	2.13	ppb
Molybdenum	95-1	0.15	0.28	0.18	0.20	32.97	ppb
Molybdenum	96-1	0.29	0.29	0.38	0.32	16.67	ppb
Molybdenum	97-1	0.29	0.35	0.23	0.29	21.62	ppb
Molybdenum	98-1	0.22	0.22	0.22	0.22	1.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.34	4.23	3.19	3.92	16.24	ppb
Phosphorus	31-2	153.10	194.73	65.09	137.64	48.09	ppb
Potassium	39-2	118.60	92.19	59.16	89.98	33.10	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				93		%
Scandium	45-2				88		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	3.04	-0.55	-0.55	0.65	320.00	ppb
Selenium	82-1	0.00	-0.25	-0.01	-0.09		ppb
Silicon	28-1	313.48	314.52	257.96	295.32	10.96	ppb
Silver	109-1	0.08	0.07	0.09	0.08	11.18	ppb
Silver	107-1	0.10	0.10	0.09	0.09	3.48	ppb
Sodium	23-2	115.65	96.59	96.33	102.86	10.77	ppb
Strontium	86-1	86.95	88.57	87.19	87.57	1.00	ppb
Strontium	88-1	89.11	90.03	89.73	89.62	0.53	ppb
Sulfur	34-1	-1295.32	-1286.86	-1212.85	-1265.01		ppb
Terbium	159-1				112		%
Terbium	159-2				100		%
Thallium	203-1	0.01	0.00	0.01	0.00	121.60	ppb
Thallium	205-1	0.00	0.01	0.01	0.00	107.95	ppb
Tin	118-1	1.50	1.49	1.44	1.47	2.17	ppb
Titanium	47-1	20.58	21.97	20.71	21.09	3.64	ppb
Uranium	238-1	0.27	0.31	0.31	0.30	7.77	ppb
Vanadium	51-2	6.98	7.51	6.60	7.03	6.50	ppb
Yttrium	89-1				102		%
Yttrium	89-2				93		%
Zinc	66-2	256.90	252.09	246.29	251.76	2.11	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-19	Instrumnet Name :	P8
Client Sample ID :	MDAN80	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 18:34:47	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.41	0.45	0.39	0.42	6.47	ppb
Zirconium	91-1	0.40	0.50	0.39	0.43	14.11	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-20	Instrumnet Name :	P8
Client Sample ID :	MDAN81	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 18:38:07	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	965.39	946.36	932.48	948.08	1.74	ppb
Antimony	121-1	0.45	0.45	0.41	0.44	4.94	ppb
Arsenic	75-1	32.76	33.64	32.19	32.86	2.23	ppb
Barium	135-1	17.05	18.64	17.29	17.66	4.85	ppb
Barium	137-1	17.53	18.25	17.89	17.89	2.01	ppb
Beryllium	9-1	0.03	0.05	-0.01	0.03	114.44	ppb
Bismuth	209-1				120		%
Bismuth	209-2				105		%
Boron	10-1	1.82	1.64	2.45	1.97	21.81	ppb
Boron	11-1	1.87	1.26	1.64	1.59	19.56	ppb
Cadmium	111-1	0.11	-0.04	-0.01	0.02	347.26	ppb
Cadmium	106-1	-0.53	-2.20	-2.50	-1.74		ppb
Cadmium	108-1	0.27	0.13	0.04	0.15	81.02	ppb
Calcium	43-1	4307.45	4494.36	4541.39	4447.73	2.78	ppb
Calcium	44-1	4413.34	4524.85	4472.45	4470.21	1.25	ppb
Chromium	52-2	92.18	91.44	90.05	91.22	1.19	ppb
Cobalt	59-2	0.23	0.26	0.20	0.23	12.82	ppb
Copper	63-2	64.22	64.49	62.58	63.76	1.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				100		%
Indium	115-1				105		%
Indium	115-2				93		%
Iron	56-2	1095.07	1101.58	1060.71	1085.79	2.02	ppb
Iron	57-2	1128.32	1065.46	1046.72	1080.17	3.96	ppb
Krypton	83-1						cps
Lead	206-1	53.13	54.76	53.51	53.80	1.58	ppb
Lead	207-1	49.45	50.47	49.38	49.77	1.23	ppb
Lead	208-1	51.08	52.70	51.36	51.71	1.68	ppb
Lithium	6-1				102		%
Magnesium	24-2	496.73	521.49	484.23	500.82	3.79	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-20	Instrumnet Name :	P8
Client Sample ID :	MDAN81	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 18:38:07	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	34.63	34.12	32.86	33.87	2.70	ppb
Molybdenum	94-1	0.75	0.80	0.77	0.77	3.02	ppb
Molybdenum	95-1	0.22	0.27	0.20	0.23	15.97	ppb
Molybdenum	96-1	0.28	0.30	0.29	0.29	3.93	ppb
Molybdenum	97-1	0.20	0.21	0.28	0.23	18.23	ppb
Molybdenum	98-1	0.25	0.24	0.24	0.24	2.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.65	2.28	2.00	2.31	13.98	ppb
Phosphorus	31-2	280.27	153.94	106.67	180.29	49.78	ppb
Potassium	39-2	50.19	56.06	32.45	46.23	26.59	ppb
Rhodium	103-1				101		%
Rhodium	103-2				98		%
Scandium	45-1				93		%
Scandium	45-2				88		%
Selenium	77-2	10.82	10.56	10.71	10.70	1.22	ppb
Selenium	78-2	1.27	-0.55	1.25	0.66	158.61	ppb
Selenium	82-1	0.58	0.10	0.04	0.24	123.49	ppb
Silicon	28-1	294.85	272.32	421.96	329.71	24.47	ppb
Silver	109-1	0.08	0.07	0.10	0.08	17.85	ppb
Silver	107-1	0.09	0.09	0.11	0.10	9.43	ppb
Sodium	23-2	99.43	116.56	117.00	111.00	9.03	ppb
Strontium	86-1	86.60	87.37	86.92	86.96	0.44	ppb
Strontium	88-1	87.38	88.67	89.48	88.51	1.20	ppb
Sulfur	34-1	-1303.41	-1113.66	-1141.44	-1186.17		ppb
Terbium	159-1				112		%
Terbium	159-2				100		%
Thallium	203-1	0.00	-0.01	0.00	0.00		ppb
Thallium	205-1	-0.01	0.00	0.00	0.00		ppb
Tin	118-1	1.32	1.36	1.40	1.36	2.79	ppb
Titanium	47-1	19.15	19.74	24.05	20.98	12.75	ppb
Uranium	238-1	0.30	0.33	0.33	0.32	5.51	ppb
Vanadium	51-2	7.09	6.54	6.42	6.68	5.35	ppb
Yttrium	89-1				101		%
Yttrium	89-2				92		%
Zinc	66-2	44.50	49.09	49.16	47.58	5.61	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-20	Instrumnet Name :	P8
Client Sample ID :	MDAN81	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 18:38:07	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.39	0.37	0.38	0.38	2.01	ppb
Zirconium	91-1	0.42	0.43	0.54	0.47	14.41	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	CCV013	Instrumnet Name :	P8
Client Sample ID :	CCV013	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 18:41:28	DataFile Name :	043CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48380.98	48062.85	49427.34	48623.72	1.47	ppb
Antimony	121-1	467.78	474.38	474.59	472.25	0.82	ppb
Arsenic	75-1	491.47	498.24	504.10	497.94	1.27	ppb
Barium	135-1	2406.77	2410.90	2458.66	2425.44	1.19	ppb
Barium	137-1	2434.36	2422.81	2438.35	2431.84	0.33	ppb
Beryllium	9-1	480.20	483.83	482.23	482.09	0.38	ppb
Bismuth	209-1				112		%
Bismuth	209-2				99		%
Boron	10-1	461.45	460.87	477.76	466.69	2.05	ppb
Boron	11-1	447.73	462.38	477.99	462.70	3.27	ppb
Cadmium	111-1	454.14	459.63	468.65	460.81	1.59	ppb
Cadmium	106-1	453.86	461.45	471.83	462.38	1.95	ppb
Cadmium	108-1	459.94	453.73	465.41	459.70	1.27	ppb
Calcium	43-1	241428.39	242328.55	246817.30	243524.74	1.19	ppb
Calcium	44-1	237921.35	241824.81	244044.25	241263.47	1.28	ppb
Chromium	52-2	502.21	504.45	511.84	506.16	1.00	ppb
Cobalt	59-2	489.17	488.46	500.48	492.70	1.37	ppb
Copper	63-2	963.79	954.71	981.96	966.82	1.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				90		%
Iron	56-2	126470.20	125772.80	128370.54	126871.18	1.06	ppb
Iron	57-2	125095.49	124264.35	127074.21	125478.02	1.15	ppb
Krypton	83-1						cps
Lead	206-1	501.38	494.01	502.57	499.32	0.93	ppb
Lead	207-1	499.04	501.41	505.00	501.82	0.60	ppb
Lead	208-1	499.64	499.59	505.94	501.72	0.73	ppb
Lithium	6-1				97		%
Magnesium	24-2	244397.89	244879.85	254304.52	247860.75	2.25	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	CCV013	Instrumnet Name :	P8
Client Sample ID :	CCV013	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 18:41:28	DataFile Name :	043CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	966.55	966.13	996.37	976.35	1.78	ppb
Molybdenum	94-1	2505.70	2501.82	2541.99	2516.50	0.88	ppb
Molybdenum	95-1	2476.47	2504.64	2543.94	2508.35	1.35	ppb
Molybdenum	96-1	2483.17	2500.04	2532.92	2505.38	1.01	ppb
Molybdenum	97-1	2520.79	2511.26	2544.56	2525.54	0.68	ppb
Molybdenum	98-1	2516.04	2477.81	2544.84	2512.89	1.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	496.32	497.04	503.40	498.92	0.78	ppb
Phosphorus	31-2	10184.09	9996.52	9398.27	9859.63	4.16	ppb
Potassium	39-2	117352.13	116809.27	119996.77	118052.72	1.44	ppb
Rhodium	103-1				94		%
Rhodium	103-2				91		%
Scandium	45-1				92		%
Scandium	45-2				89		%
Selenium	77-2	406.44	431.92	268.02	368.79	23.92	ppb
Selenium	78-2	483.83	513.77	510.19	502.60	3.25	ppb
Selenium	82-1	487.83	480.28	485.57	484.56	0.80	ppb
Silicon	28-1	426.77	441.18	450.94	439.63	2.77	ppb
Silver	109-1	464.90	467.38	471.33	467.87	0.69	ppb
Silver	107-1	468.97	467.17	474.33	470.16	0.79	ppb
Sodium	23-2	247249.80	244642.46	251184.98	247692.42	1.33	ppb
Strontium	86-1	495.00	499.30	501.95	498.75	0.70	ppb
Strontium	88-1	515.74	509.36	513.29	512.80	0.63	ppb
Sulfur	34-1	9302.39	9472.41	9579.35	9451.38	1.48	ppb
Terbium	159-1				110		%
Terbium	159-2				101		%
Thallium	203-1	502.05	498.08	502.27	500.80	0.47	ppb
Thallium	205-1	496.66	500.28	506.09	501.01	0.95	ppb
Tin	118-1	473.16	477.83	480.13	477.04	0.74	ppb
Titanium	47-1	2492.63	2507.47	2505.35	2501.82	0.32	ppb
Uranium	238-1	523.12	521.53	527.95	524.20	0.64	ppb
Vanadium	51-2	483.71	485.86	496.56	488.71	1.41	ppb
Yttrium	89-1				99		%
Yttrium	89-2				92		%
Zinc	66-2	978.56	967.15	995.81	980.51	1.47	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	CCV013	Instrumnet Name :	P8
Client Sample ID :	CCV013	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 18:41:28	DataFile Name :	043CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	503.33	499.46	506.89	503.23	0.74	ppb
Zirconium	91-1	488.10	486.55	495.21	489.95	0.94	ppb

LB Number : LB94183 Operator : Jaswal
 Lab Sample ID : CCB013 Instrumnet Name : P8
 Client Sample ID : CCB013 Dilution Factor : 1
 Date & Time Acquired :: 2018-03-23 18:59:58 DataFile Name : 044CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.83	-0.83	1.90	0.08	1921.47	ppb
Antimony	121-1	0.17	0.25	0.31	0.24	28.93	ppb
Arsenic	75-1	0.08	0.00	0.07	0.05	86.78	ppb
Barium	135-1	0.01	-0.01	-0.01	0.00		ppb
Barium	137-1	-0.01	0.01	0.00	0.00		ppb
Beryllium	9-1	0.01	0.04	0.06	0.04	72.06	ppb
Bismuth	209-1				113		%
Bismuth	209-2				103		%
Boron	10-1	-0.13	0.71	0.96	0.52	110.54	ppb
Boron	11-1	0.97	0.77	0.71	0.82	16.55	ppb
Cadmium	111-1	-0.07	0.01	-0.15	-0.07		ppb
Cadmium	106-1	-1.06	-0.13	-2.03	-1.07		ppb
Cadmium	108-1	-0.11	-0.06	-0.06	-0.07		ppb
Calcium	43-1	-9.35	-6.94	-3.70	-6.66		ppb
Calcium	44-1	1.21	-0.78	0.36	0.26	375.50	ppb
Chromium	52-2	0.05	0.07	-0.03	0.03	172.24	ppb
Cobalt	59-2	-0.01	0.01	0.01	0.00	257.89	ppb
Copper	63-2	0.01	0.00	0.06	0.02	134.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				100		%
Indium	115-1				104		%
Indium	115-2				94		%
Iron	56-2	0.89	0.96	1.57	1.14	33.14	ppb
Iron	57-2	1.56	-0.13	3.31	1.58	108.93	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.05	0.07	0.05	22.76	ppb
Lead	207-1	0.01	0.03	0.04	0.03	55.26	ppb
Lead	208-1	0.03	0.04	0.05	0.04	30.42	ppb
Lithium	6-1				100		%
Magnesium	24-2	5.82	2.53	1.49	3.28	68.91	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	CCB013	Instrumnet Name :	P8
Client Sample ID :	CCB013	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 18:59:58	DataFile Name :	044CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.04	0.01	0.20	0.08	115.88	ppb
Molybdenum	94-1	0.19	0.33	0.40	0.31	34.48	ppb
Molybdenum	95-1	0.13	0.33	0.44	0.30	52.44	ppb
Molybdenum	96-1	0.19	0.33	0.35	0.29	29.68	ppb
Molybdenum	97-1	0.15	0.34	0.47	0.32	50.69	ppb
Molybdenum	98-1	0.16	0.34	0.44	0.31	45.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.52	-0.67	-0.69	-0.63		ppb
Phosphorus	31-2	-18.47	-18.47	22.21	-4.91		ppb
Potassium	39-2	-11.40	-0.97	-10.67	-7.68		ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				95		%
Scandium	45-2				92		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.21	-0.55	-0.55	0.04	2647.65	ppb
Selenium	82-1	-0.38	0.23	0.02	-0.04		ppb
Silicon	28-1	-9.32	-8.68	-10.41	-9.47		ppb
Silver	109-1	0.01	0.01	0.01	0.01	28.51	ppb
Silver	107-1	0.01	0.01	0.01	0.01	9.21	ppb
Sodium	23-2	15.63	17.48	10.48	14.53	24.95	ppb
Strontium	86-1	-0.02	0.01	-0.02	-0.01		ppb
Strontium	88-1	0.01	0.00	0.00	0.00	58.35	ppb
Sulfur	34-1	-360.77	-286.08	-513.09	-386.65		ppb
Terbium	159-1				107		%
Terbium	159-2				100		%
Thallium	203-1	0.04	0.02	0.05	0.04	33.25	ppb
Thallium	205-1	0.04	0.03	0.04	0.04	7.05	ppb
Tin	118-1	0.01	0.13	0.04	0.06	101.42	ppb
Titanium	47-1	-0.01	0.05	0.04	0.03	130.76	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	595.96	ppb
Vanadium	51-2	-0.02	-0.01	-0.01	-0.01		ppb
Yttrium	89-1				99		%
Yttrium	89-2				94		%
Zinc	66-2	-0.09	0.01	0.06	0.00		ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	CCB013	Instrumnet Name :	P8
Client Sample ID :	CCB013	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 18:59:58	DataFile Name :	044CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.04	0.03	0.06	0.04	36.41	ppb
Zirconium	91-1	0.06	0.12	0.08	0.09	37.14	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-21	Instrumnet Name :	P8
Client Sample ID :	MDAN82	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:03:20	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	303.70	383.61	392.35	359.89	13.58	ppb
Antimony	121-1	0.11	0.15	0.23	0.16	38.23	ppb
Arsenic	75-1	0.16	0.34	0.16	0.22	47.25	ppb
Barium	135-1	10.23	10.05	10.45	10.24	1.93	ppb
Barium	137-1	10.26	13.56	10.09	11.30	17.32	ppb
Beryllium	9-1	0.05	0.08	0.03	0.05	55.58	ppb
Bismuth	209-1				113		%
Bismuth	209-2				98		%
Boron	10-1	1.04	1.00	2.35	1.46	52.35	ppb
Boron	11-1	1.23	1.28	1.34	1.28	4.01	ppb
Cadmium	111-1	-0.03	-0.07	0.01	-0.03		ppb
Cadmium	106-1	-0.56	-1.37	-0.42	-0.78		ppb
Cadmium	108-1	-0.11	-0.06	-0.11	-0.09		ppb
Calcium	43-1	1383.58	1336.95	1419.93	1380.15	3.01	ppb
Calcium	44-1	1360.45	1353.79	1318.24	1344.16	1.69	ppb
Chromium	52-2	7.95	8.40	9.15	8.50	7.12	ppb
Cobalt	59-2	0.10	0.08	0.13	0.10	22.83	ppb
Copper	63-2	1.85	1.77	2.06	1.89	8.02	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				110		%
Holmium	165-2				96		%
Indium	115-1				105		%
Indium	115-2				91		%
Iron	56-2	224.19	227.64	246.42	232.75	5.14	ppb
Iron	57-2	202.20	251.74	237.58	230.51	11.07	ppb
Krypton	83-1						cps
Lead	206-1	4.51	4.53	4.27	4.44	3.26	ppb
Lead	207-1	4.08	4.17	4.16	4.14	1.14	ppb
Lead	208-1	4.33	4.33	4.22	4.29	1.49	ppb
Lithium	6-1				98		%
Magnesium	24-2	38.91	37.44	48.29	41.55	14.16	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-21	Instrumnet Name :	P8
Client Sample ID :	MDAN82	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:03:20	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2.64	2.91	3.50	3.02	14.49	ppb
Molybdenum	94-1	4.05	0.85	0.62	1.84	104.00	ppb
Molybdenum	95-1	0.11	0.16	0.25	0.17	41.24	ppb
Molybdenum	96-1	0.16	0.26	0.32	0.25	34.21	ppb
Molybdenum	97-1	0.19	0.21	0.15	0.19	17.40	ppb
Molybdenum	98-1	0.13	0.20	0.22	0.18	27.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.57	2.92	3.46	3.32	10.53	ppb
Phosphorus	31-2	22.10	-18.47	25.98	9.87	249.45	ppb
Potassium	39-2	35.75	5.35	13.30	18.13	86.93	ppb
Rhodium	103-1				101		%
Rhodium	103-2				95		%
Scandium	45-1				95		%
Scandium	45-2				89		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.55	1.22	-0.55	0.04	2417.07	ppb
Selenium	82-1	0.41	-1.14	-0.28	-0.34		ppb
Silicon	28-1	279.68	402.01	420.15	367.28	20.80	ppb
Silver	109-1	0.06	0.08	0.07	0.07	11.84	ppb
Silver	107-1	0.06	0.06	0.07	0.06	4.40	ppb
Sodium	23-2	74.56	75.62	97.09	82.42	15.42	ppb
Strontium	86-1	30.21	29.32	30.49	30.01	2.03	ppb
Strontium	88-1	31.05	30.80	30.79	30.88	0.48	ppb
Sulfur	34-1	-496.95	-450.82	-723.86	-557.21		ppb
Terbium	159-1				109		%
Terbium	159-2				97		%
Thallium	203-1	0.12	0.09	0.08	0.10	20.75	ppb
Thallium	205-1	0.10	0.10	0.07	0.09	20.48	ppb
Tin	118-1	0.15	0.15	0.15	0.15	1.38	ppb
Titanium	47-1	26.09	29.70	52.86	36.22	40.10	ppb
Uranium	238-1	0.07	0.06	0.07	0.07	12.06	ppb
Vanadium	51-2	2.41	2.50	2.57	2.49	3.24	ppb
Yttrium	89-1				102		%
Yttrium	89-2				90		%
Zinc	66-2	2.34	3.10	2.24	2.56	18.37	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-21	Instrumnet Name :	P8
Client Sample ID :	MDAN82	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:03:20	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	3.21	0.28	0.26	1.25	135.61	ppb
Zirconium	91-1	0.30	0.20	0.29	0.26	20.65	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-22	Instrumnet Name :	P8
Client Sample ID :	MDAN83	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:06:42	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5441.11	5760.74	5958.76	5720.20	4.57	ppb
Antimony	121-1	0.09	0.10	0.15	0.11	26.96	ppb
Arsenic	75-1	0.17	0.06	0.13	0.12	48.75	ppb
Barium	135-1	14.79	14.74	14.82	14.78	0.27	ppb
Barium	137-1	14.54	14.46	14.65	14.55	0.68	ppb
Beryllium	9-1	0.02	0.06	0.03	0.04	57.46	ppb
Bismuth	209-1				114		%
Bismuth	209-2				103		%
Boron	10-1	1.69	2.25	2.25	2.07	15.62	ppb
Boron	11-1	1.57	1.50	1.36	1.48	7.05	ppb
Cadmium	111-1	-0.04	-0.01	0.02	-0.01		ppb
Cadmium	106-1	-0.66	-0.29	-0.01	-0.32		ppb
Cadmium	108-1	0.09	0.04	0.04	0.06	51.28	ppb
Calcium	43-1	4353.93	4117.32	4213.80	4228.35	2.81	ppb
Calcium	44-1	4259.47	4228.38	4153.21	4213.69	1.30	ppb
Chromium	52-2	15.74	17.83	16.56	16.71	6.30	ppb
Cobalt	59-2	0.15	0.17	0.13	0.15	13.10	ppb
Copper	63-2	0.89	0.72	0.80	0.80	10.70	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				110		%
Holmium	165-2				100		%
Indium	115-1				104		%
Indium	115-2				93		%
Iron	56-2	456.74	486.27	484.14	475.72	3.46	ppb
Iron	57-2	477.58	475.64	467.02	473.41	1.19	ppb
Krypton	83-1						cps
Lead	206-1	5.37	5.19	5.03	5.20	3.28	ppb
Lead	207-1	4.65	4.72	4.78	4.72	1.34	ppb
Lead	208-1	5.02	4.93	4.95	4.97	1.00	ppb
Lithium	6-1				98		%
Magnesium	24-2	183.63	198.81	204.01	195.48	5.42	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-22	Instrumnet Name :	P8
Client Sample ID :	MDAN83	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:06:42	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.45	1.41	1.81	1.56	13.97	ppb
Molybdenum	94-1	1.34	1.24	1.50	1.36	9.77	ppb
Molybdenum	95-1	0.18	0.18	0.22	0.19	11.15	ppb
Molybdenum	96-1	0.33	0.28	0.31	0.31	8.57	ppb
Molybdenum	97-1	0.17	0.14	0.19	0.17	14.22	ppb
Molybdenum	98-1	0.14	0.19	0.28	0.20	35.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.00	5.65	5.87	5.51	8.21	ppb
Phosphorus	31-2	20.95	106.72	23.02	50.23	97.42	ppb
Potassium	39-2	6.90	19.93	31.44	19.42	63.21	ppb
Rhodium	103-1				101		%
Rhodium	103-2				97		%
Scandium	45-1				94		%
Scandium	45-2				91		%
Selenium	77-2	20.71	10.78	0.00	10.50	98.68	ppb
Selenium	78-2	2.93	-0.55	-0.55	0.61	328.46	ppb
Selenium	82-1	-0.27	0.63	0.22	0.19	233.52	ppb
Silicon	28-1	1080.27	1005.32	1031.40	1039.00	3.66	ppb
Silver	109-1	0.05	0.08	0.07	0.07	18.78	ppb
Silver	107-1	0.07	0.06	0.07	0.07	14.19	ppb
Sodium	23-2	57.03	63.96	67.56	62.85	8.51	ppb
Strontium	86-1	58.47	56.38	56.34	57.06	2.14	ppb
Strontium	88-1	59.31	61.05	57.59	59.32	2.92	ppb
Sulfur	34-1	-699.35	-798.44	-947.54	-815.11		ppb
Terbium	159-1				108		%
Terbium	159-2				100		%
Thallium	203-1	0.02	0.01	0.03	0.02	40.96	ppb
Thallium	205-1	0.03	0.01	0.02	0.02	49.37	ppb
Tin	118-1	3.91	0.11	0.10	1.37	160.03	ppb
Titanium	47-1	21.86	22.05	20.65	21.52	3.53	ppb
Uranium	238-1	0.24	0.22	0.23	0.23	4.36	ppb
Vanadium	51-2	3.08	3.29	2.87	3.08	6.75	ppb
Yttrium	89-1				100		%
Yttrium	89-2				92		%
Zinc	66-2	1.68	0.80	1.05	1.17	38.65	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-22	Instrumnet Name :	P8
Client Sample ID :	MDAN83	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:06:42	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.80	0.82	0.76	0.79	3.90	ppb
Zirconium	91-1	0.86	0.98	1.04	0.96	9.70	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-01	Instrumnet Name :	P8
Client Sample ID :	MDAN84	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:10:03	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1498.68	1326.20	1563.52	1462.80	8.39	ppb
Antimony	121-1	0.10	0.12	0.16	0.13	22.58	ppb
Arsenic	75-1	9.34	8.68	9.29	9.10	4.02	ppb
Barium	135-1	7.85	7.64	7.63	7.71	1.59	ppb
Barium	137-1	7.95	7.51	8.01	7.83	3.47	ppb
Beryllium	9-1	0.05	0.02	0.05	0.04	36.62	ppb
Bismuth	209-1				117		%
Bismuth	209-2				105		%
Boron	10-1	1.24	2.09	1.34	1.56	29.62	ppb
Boron	11-1	0.55	0.68	1.05	0.76	34.44	ppb
Cadmium	111-1	0.05	-0.04	0.04	0.02	335.84	ppb
Cadmium	106-1	-0.22	-0.94	-0.28	-0.48		ppb
Cadmium	108-1	-0.06	0.08	-0.06	-0.01		ppb
Calcium	43-1	848.88	794.32	841.15	828.12	3.57	ppb
Calcium	44-1	856.06	834.76	847.04	845.95	1.26	ppb
Chromium	52-2	26.59	26.37	25.97	26.31	1.18	ppb
Cobalt	59-2	0.22	0.21	0.21	0.21	4.82	ppb
Copper	63-2	15.48	14.79	14.80	15.02	2.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				101		%
Indium	115-1				105		%
Indium	115-2				94		%
Iron	56-2	1466.87	1410.54	1406.65	1428.02	2.36	ppb
Iron	57-2	1471.71	1332.17	1365.36	1389.74	5.25	ppb
Krypton	83-1						cps
Lead	206-1	13.24	12.89	12.94	13.02	1.46	ppb
Lead	207-1	11.99	11.77	13.35	12.37	6.92	ppb
Lead	208-1	12.65	12.29	12.73	12.56	1.87	ppb
Lithium	6-1				99		%
Magnesium	24-2	198.95	218.30	190.38	202.54	7.06	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-01	Instrumnet Name :	P8
Client Sample ID :	MDAN84	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:10:03	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	16.00	15.23	15.58	15.60	2.47	ppb
Molybdenum	94-1	0.48	0.67	0.65	0.60	16.76	ppb
Molybdenum	95-1	0.27	0.29	0.23	0.26	12.80	ppb
Molybdenum	96-1	0.31	0.24	0.39	0.31	24.18	ppb
Molybdenum	97-1	0.24	0.29	0.18	0.24	23.06	ppb
Molybdenum	98-1	0.22	0.26	0.28	0.25	11.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.31	0.08	0.10	0.16	79.35	ppb
Phosphorus	31-2	65.53	145.90	-18.47	64.32	127.79	ppb
Potassium	39-2	70.80	73.41	65.01	69.74	6.17	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				95		%
Scandium	45-2				90		%
Selenium	77-2	10.24	0.00	10.42	6.88	86.61	ppb
Selenium	78-2	-0.55	-0.55	1.20	0.04	2816.10	ppb
Selenium	82-1	0.05	0.29	0.44	0.26	74.99	ppb
Silicon	28-1	576.87	639.19	545.97	587.34	8.08	ppb
Silver	109-1	0.06	0.06	0.10	0.07	33.98	ppb
Silver	107-1	0.07	0.08	0.08	0.08	9.46	ppb
Sodium	23-2	85.60	93.17	87.61	88.80	4.41	ppb
Strontium	86-1	14.37	14.14	14.21	14.24	0.81	ppb
Strontium	88-1	14.50	15.10	14.60	14.73	2.19	ppb
Sulfur	34-1	-970.48	-1227.99	-1089.08	-1095.85		ppb
Terbium	159-1				111		%
Terbium	159-2				101		%
Thallium	203-1	0.02	0.02	0.03	0.02	43.93	ppb
Thallium	205-1	0.01	0.01	0.03	0.02	63.97	ppb
Tin	118-1	0.41	0.33	0.36	0.37	10.78	ppb
Titanium	47-1	25.13	19.68	19.32	21.38	15.24	ppb
Uranium	238-1	0.34	0.34	0.34	0.34	1.01	ppb
Vanadium	51-2	3.53	3.41	3.71	3.55	4.30	ppb
Yttrium	89-1				102		%
Yttrium	89-2				94		%
Zinc	66-2	22.09	21.61	20.25	21.31	4.48	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-01	Instrumnet Name :	P8
Client Sample ID :	MDAN84	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:10:03	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.20	0.32	0.20	0.24	28.51	ppb
Zirconium	91-1	0.32	0.20	0.52	0.35	46.24	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-02	Instrumnet Name :	P8
Client Sample ID :	MDAN84D	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:13:24	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1473.03	1420.31	1489.57	1460.97	2.48	ppb
Antimony	121-1	0.11	0.12	0.14	0.12	16.04	ppb
Arsenic	75-1	8.86	9.09	8.99	8.98	1.27	ppb
Barium	135-1	7.92	7.93	7.82	7.89	0.78	ppb
Barium	137-1	7.78	8.18	7.82	7.93	2.78	ppb
Beryllium	9-1	0.09	-0.03	0.06	0.04	143.44	ppb
Bismuth	209-1				116		%
Bismuth	209-2				103		%
Boron	10-1	-0.41	0.67	0.61	0.29	208.73	ppb
Boron	11-1	0.79	0.63	0.83	0.75	14.11	ppb
Cadmium	111-1	0.08	-0.06	-0.04	-0.01		ppb
Cadmium	106-1	0.03	-1.60	-1.69	-1.09		ppb
Cadmium	108-1	0.04	-0.01	0.19	0.07	143.09	ppb
Calcium	43-1	844.46	812.44	880.34	845.74	4.02	ppb
Calcium	44-1	848.48	845.98	873.40	855.95	1.77	ppb
Chromium	52-2	26.10	26.88	25.70	26.23	2.30	ppb
Cobalt	59-2	0.24	0.19	0.23	0.22	12.02	ppb
Copper	63-2	14.59	14.72	14.65	14.65	0.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				100		%
Indium	115-1				105		%
Indium	115-2				93		%
Iron	56-2	1452.21	1432.82	1400.35	1428.46	1.83	ppb
Iron	57-2	1407.77	1427.84	1382.27	1405.96	1.62	ppb
Krypton	83-1						cps
Lead	206-1	12.90	12.73	13.12	12.92	1.50	ppb
Lead	207-1	11.66	11.80	11.90	11.79	1.06	ppb
Lead	208-1	12.30	12.28	12.45	12.34	0.74	ppb
Lithium	6-1				99		%
Magnesium	24-2	185.25	191.93	181.99	186.39	2.72	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-02	Instrumnet Name :	P8
Client Sample ID :	MDAN84D	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:13:24	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	13.69	15.12	14.35	14.39	5.00	ppb
Molybdenum	94-1	0.39	0.59	0.76	0.58	31.68	ppb
Molybdenum	95-1	0.21	0.20	0.28	0.23	19.05	ppb
Molybdenum	96-1	0.31	0.21	0.26	0.26	20.01	ppb
Molybdenum	97-1	0.28	0.20	0.30	0.26	21.12	ppb
Molybdenum	98-1	0.18	0.21	0.30	0.23	26.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.04	0.12	0.05	139.22	ppb
Phosphorus	31-2	65.35	150.88	-18.47	65.92	128.45	ppb
Potassium	39-2	88.72	90.32	52.51	77.19	27.70	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				94		%
Scandium	45-2				89		%
Selenium	77-2	0.00	10.74	0.00	3.58	173.21	ppb
Selenium	78-2	1.22	1.26	4.70	2.39	83.41	ppb
Selenium	82-1	-0.23	0.11	0.12	0.00		ppb
Silicon	28-1	544.17	633.92	567.93	582.01	7.99	ppb
Silver	109-1	0.05	0.06	0.06	0.05	6.54	ppb
Silver	107-1	0.06	0.07	0.07	0.07	9.56	ppb
Sodium	23-2	85.04	81.29	82.42	82.92	2.32	ppb
Strontium	86-1	13.65	13.78	14.10	13.85	1.69	ppb
Strontium	88-1	13.99	14.37	14.41	14.26	1.64	ppb
Sulfur	34-1	-1133.80	-1251.05	-952.42	-1112.42		ppb
Terbium	159-1				110		%
Terbium	159-2				100		%
Thallium	203-1	0.01	0.01	0.01	0.01	35.19	ppb
Thallium	205-1	0.02	0.01	0.01	0.01	45.86	ppb
Tin	118-1	0.43	0.36	0.44	0.41	10.32	ppb
Titanium	47-1	16.15	17.50	18.66	17.44	7.20	ppb
Uranium	238-1	0.35	0.36	0.36	0.36	0.86	ppb
Vanadium	51-2	4.10	3.58	3.85	3.84	6.78	ppb
Yttrium	89-1				102		%
Yttrium	89-2				93		%
Zinc	66-2	22.30	22.17	22.54	22.33	0.84	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-02	Instrumnet Name :	P8
Client Sample ID :	MDAN84D	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:13:24	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.22	0.25	0.23	0.23	5.92	ppb
Zirconium	91-1	0.29	0.19	0.24	0.24	18.84	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-01LX5	Instrumnet Name :	P8
Client Sample ID :	MDAN84L	Dilution Factor :	5
Date & Time Acquired ::	2018-03-23 19:16:45	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	308.77	295.02	299.01	300.93	2.35	ppb
Antimony	121-1	-0.01	0.02	0.01	0.00	610.59	ppb
Arsenic	75-1	2.16	1.96	1.89	2.00	7.00	ppb
Barium	135-1	1.60	1.67	1.65	1.64	2.28	ppb
Barium	137-1	2.19	1.60	1.61	1.80	18.82	ppb
Beryllium	9-1	-0.02	-0.02	-0.01	-0.02		ppb
Bismuth	209-1				115		%
Bismuth	209-2				103		%
Boron	10-1	-0.23	-0.42	0.62	-0.01		ppb
Boron	11-1	0.30	0.12	-0.23	0.06	445.08	ppb
Cadmium	111-1	-0.03	-0.02	-0.03	-0.02		ppb
Cadmium	106-1	-0.49	-0.33	-0.92	-0.58		ppb
Cadmium	108-1	-0.06	0.04	-0.11	-0.04		ppb
Calcium	43-1	204.56	183.97	186.61	191.71	5.84	ppb
Calcium	44-1	177.23	177.48	183.40	179.37	1.95	ppb
Chromium	52-2	5.29	5.11	5.05	5.15	2.35	ppb
Cobalt	59-2	0.03	0.03	0.02	0.03	18.88	ppb
Copper	63-2	3.06	3.10	3.07	3.07	0.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				101		%
Indium	115-1				105		%
Indium	115-2				95		%
Iron	56-2	289.90	290.77	278.42	286.36	2.41	ppb
Iron	57-2	303.93	252.07	287.43	281.14	9.42	ppb
Krypton	83-1						cps
Lead	206-1	2.78	2.68	2.79	2.75	2.20	ppb
Lead	207-1	2.40	2.44	2.37	2.40	1.56	ppb
Lead	208-1	2.55	2.61	2.58	2.58	1.14	ppb
Lithium	6-1				99		%
Magnesium	24-2	42.87	51.62	37.90	44.13	15.73	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-01LX5	Instrumnet Name :	P8
Client Sample ID :	MDAN84L	Dilution Factor :	5
Date & Time Acquired ::	2018-03-23 19:16:45	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	3.05	3.53	3.20	3.26	7.45	ppb
Molybdenum	94-1	0.04	0.10	0.08	0.08	38.83	ppb
Molybdenum	95-1	0.02	0.06	0.06	0.05	44.85	ppb
Molybdenum	96-1	0.01	0.08	0.05	0.05	69.81	ppb
Molybdenum	97-1	0.04	0.09	0.05	0.06	41.69	ppb
Molybdenum	98-1	0.03	0.04	0.08	0.05	46.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.73	-0.37	-0.39	-0.50		ppb
Phosphorus	31-2	-18.47	-18.47	22.20	-4.91		ppb
Potassium	39-2	12.04	-8.57	-20.79	-5.77		ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				93		%
Scandium	45-2				90		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.21	1.22	1.20	1.21	1.13	ppb
Selenium	82-1	-0.60	0.74	-0.34	-0.07		ppb
Silicon	28-1	115.50	103.13	118.12	112.25	7.13	ppb
Silver	109-1	0.04	0.02	0.02	0.02	45.39	ppb
Silver	107-1	0.03	0.01	0.03	0.02	37.79	ppb
Sodium	23-2	29.30	13.91	22.18	21.80	35.34	ppb
Strontium	86-1	2.69	2.86	2.54	2.70	5.91	ppb
Strontium	88-1	2.77	2.92	2.96	2.88	3.46	ppb
Sulfur	34-1	-947.51	-1032.10	-740.36	-906.66		ppb
Terbium	159-1				108		%
Terbium	159-2				101		%
Thallium	203-1	0.01	0.01	-0.02	0.00	1256.95	ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	-0.01	-0.03	-0.05	-0.03		ppb
Titanium	47-1	3.03	7.80	2.85	4.56	61.65	ppb
Uranium	238-1	0.06	0.06	0.07	0.06	11.14	ppb
Vanadium	51-2	0.71	0.97	0.61	0.76	24.15	ppb
Yttrium	89-1				100		%
Yttrium	89-2				94		%
Zinc	66-2	4.26	4.47	6.50	5.07	24.39	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-01LX5	Instrumnet Name :	P8
Client Sample ID :	MDAN84L	Dilution Factor :	5
Date & Time Acquired ::	2018-03-23 19:16:45	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.05	0.05	0.04	42.64	ppb
Zirconium	91-1	0.07	0.08	0.09	0.08	8.56	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-03	Instrumnet Name :	P8
Client Sample ID :	MDAN84S	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:20:06	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1774.22	1801.82	1841.30	1805.78	1.87	ppb
Antimony	121-1	18.86	19.21	19.15	19.07	0.99	ppb
Arsenic	75-1	16.89	16.62	17.42	16.97	2.41	ppb
Barium	135-1	381.43	388.76	390.35	386.84	1.23	ppb
Barium	137-1	382.11	387.69	388.43	386.08	0.90	ppb
Beryllium	9-1	8.95	9.34	9.75	9.35	4.29	ppb
Bismuth	209-1				116		%
Bismuth	209-2				105		%
Boron	10-1	1.59	-0.32	-0.28	0.33	330.01	ppb
Boron	11-1	0.38	0.55	0.72	0.55	30.85	ppb
Cadmium	111-1	9.36	9.59	9.62	9.52	1.49	ppb
Cadmium	106-1	6.79	6.38	8.02	7.06	12.06	ppb
Cadmium	108-1	8.15	7.85	9.86	8.62	12.62	ppb
Calcium	43-1	854.36	804.55	829.28	829.40	3.00	ppb
Calcium	44-1	827.13	839.64	843.59	836.79	1.03	ppb
Chromium	52-2	62.73	62.64	61.55	62.31	1.06	ppb
Cobalt	59-2	99.25	100.36	98.33	99.31	1.02	ppb
Copper	63-2	65.97	65.46	63.49	64.97	2.02	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				111		%
Holmium	165-2				101		%
Indium	115-1				105		%
Indium	115-2				94		%
Iron	56-2	1578.39	1573.58	1544.55	1565.51	1.17	ppb
Iron	57-2	1565.65	1648.32	1484.98	1566.32	5.21	ppb
Krypton	83-1						cps
Lead	206-1	16.36	16.50	16.60	16.49	0.71	ppb
Lead	207-1	15.10	15.12	15.17	15.13	0.21	ppb
Lead	208-1	15.65	15.82	15.90	15.79	0.80	ppb
Lithium	6-1				98		%
Magnesium	24-2	170.97	164.05	177.05	170.69	3.81	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-03	Instrumnet Name :	P8
Client Sample ID :	MDAN84S	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:20:06	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	109.98	114.09	109.10	111.06	2.40	ppb
Molybdenum	94-1	0.44	0.63	0.54	0.54	17.65	ppb
Molybdenum	95-1	0.15	0.16	0.28	0.20	36.67	ppb
Molybdenum	96-1	0.25	0.24	0.32	0.27	17.01	ppb
Molybdenum	97-1	0.17	0.21	0.22	0.20	13.79	ppb
Molybdenum	98-1	0.21	0.25	0.23	0.23	7.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	100.22	101.36	99.04	100.21	1.16	ppb
Phosphorus	31-2	63.83	106.10	-18.47	50.48	125.48	ppb
Potassium	39-2	51.07	98.84	54.41	68.10	39.16	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				94		%
Scandium	45-2				91		%
Selenium	77-2	10.57	20.89	10.38	13.95	43.14	ppb
Selenium	78-2	13.69	25.82	25.69	21.73	32.05	ppb
Selenium	82-1	18.34	18.62	19.08	18.68	2.02	ppb
Silicon	28-1	513.95	522.86	621.83	552.88	10.83	ppb
Silver	109-1	9.14	9.26	9.25	9.22	0.75	ppb
Silver	107-1	9.07	9.16	9.32	9.18	1.41	ppb
Sodium	23-2	98.09	98.93	103.70	100.24	3.02	ppb
Strontium	86-1	13.60	12.83	14.49	13.64	6.08	ppb
Strontium	88-1	13.68	13.58	14.08	13.78	1.92	ppb
Sulfur	34-1	-1129.41	-1180.95	-1154.89	-1155.09		ppb
Terbium	159-1				110		%
Terbium	159-2				100		%
Thallium	203-1	9.48	9.28	9.40	9.38	1.07	ppb
Thallium	205-1	9.52	9.45	9.79	9.59	1.88	ppb
Tin	118-1	0.26	0.40	0.33	0.33	20.54	ppb
Titanium	47-1	15.43	15.89	18.51	16.61	10.03	ppb
Uranium	238-1	0.34	0.32	0.31	0.32	4.25	ppb
Vanadium	51-2	97.68	97.85	95.47	97.00	1.37	ppb
Yttrium	89-1				102		%
Yttrium	89-2				94		%
Zinc	66-2	121.36	118.71	116.71	118.93	1.96	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-03	Instrumnet Name :	P8
Client Sample ID :	MDAN84S	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:20:06	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.27	0.39	0.21	0.29	31.29	ppb
Zirconium	91-1	0.21	0.30	0.24	0.25	17.76	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-04	Instrumnet Name :	P8
Client Sample ID :	MDAN85	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:30:09	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1974.68	1945.18	2088.74	2002.86	3.79	ppb
Antimony	121-1	0.16	0.16	0.17	0.16	3.11	ppb
Arsenic	75-1	15.83	15.55	16.08	15.82	1.69	ppb
Barium	135-1	17.30	17.99	17.51	17.60	2.01	ppb
Barium	137-1	17.53	17.90	17.70	17.71	1.05	ppb
Beryllium	9-1	0.00	0.06	0.02	0.02	125.41	ppb
Bismuth	209-1				118		%
Bismuth	209-2				106		%
Boron	10-1	2.00	1.18	0.22	1.13	78.99	ppb
Boron	11-1	0.80	0.50	0.76	0.69	23.21	ppb
Cadmium	111-1	0.09	0.03	0.09	0.07	54.40	ppb
Cadmium	106-1	-0.21	-1.40	-0.29	-0.63		ppb
Cadmium	108-1	0.42	0.23	0.37	0.34	28.61	ppb
Calcium	43-1	4653.21	4608.63	4487.54	4583.13	1.87	ppb
Calcium	44-1	4550.95	4558.20	4532.21	4547.12	0.29	ppb
Chromium	52-2	33.16	33.60	33.46	33.40	0.68	ppb
Cobalt	59-2	0.37	0.35	0.30	0.34	10.34	ppb
Copper	63-2	23.27	23.56	23.56	23.46	0.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				103		%
Indium	115-1				107		%
Indium	115-2				95		%
Iron	56-2	1722.64	1776.68	1787.60	1762.30	1.97	ppb
Iron	57-2	1750.07	1794.41	1792.57	1779.02	1.41	ppb
Krypton	83-1						cps
Lead	206-1	37.08	37.33	36.23	36.88	1.56	ppb
Lead	207-1	34.09	33.46	33.67	33.74	0.95	ppb
Lead	208-1	35.32	35.27	34.83	35.14	0.77	ppb
Lithium	6-1				102		%
Magnesium	24-2	375.27	359.77	383.81	372.95	3.27	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-04	Instrumnet Name :	P8
Client Sample ID :	MDAN85	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:30:09	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	47.21	50.31	50.80	49.44	3.93	ppb
Molybdenum	94-1	1.34	1.40	1.45	1.40	3.78	ppb
Molybdenum	95-1	0.13	0.12	0.12	0.12	8.23	ppb
Molybdenum	96-1	0.29	0.25	0.31	0.28	11.42	ppb
Molybdenum	97-1	0.09	0.12	0.10	0.10	12.59	ppb
Molybdenum	98-1	0.17	0.14	0.17	0.16	12.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.05	0.92	1.01	0.99	6.94	ppb
Phosphorus	31-2	263.15	186.38	188.36	212.63	20.58	ppb
Potassium	39-2	50.41	83.89	21.59	51.96	59.99	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				97		%
Scandium	45-2				91		%
Selenium	77-2	10.30	20.50	0.00	10.27	99.83	ppb
Selenium	78-2	2.92	1.17	1.23	1.77	56.02	ppb
Selenium	82-1	0.42	-0.33	-0.09	0.00	90185.45	ppb
Silicon	28-1	661.04	799.72	650.99	703.92	11.81	ppb
Silver	109-1	0.06	0.08	0.08	0.07	16.58	ppb
Silver	107-1	0.06	0.06	0.08	0.07	14.84	ppb
Sodium	23-2	49.16	59.86	44.43	51.15	15.45	ppb
Strontium	86-1	108.82	106.63	106.65	107.36	1.17	ppb
Strontium	88-1	112.71	110.40	109.18	110.76	1.62	ppb
Sulfur	34-1	-724.97	-718.45	-907.71	-783.71		ppb
Terbium	159-1				112		%
Terbium	159-2				103		%
Thallium	203-1	0.03	0.04	0.01	0.03	50.25	ppb
Thallium	205-1	0.01	0.01	0.00	0.01	58.18	ppb
Tin	118-1	0.83	0.82	0.84	0.83	1.60	ppb
Titanium	47-1	17.58	18.69	17.08	17.78	4.64	ppb
Uranium	238-1	0.39	0.40	0.38	0.39	2.68	ppb
Vanadium	51-2	5.64	5.51	5.78	5.64	2.42	ppb
Yttrium	89-1				104		%
Yttrium	89-2				95		%
Zinc	66-2	47.60	47.72	47.82	47.71	0.23	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-04	Instrumnet Name :	P8
Client Sample ID :	MDAN85	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:30:09	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.79	0.73	0.69	0.74	6.73	ppb
Zirconium	91-1	0.68	0.68	0.74	0.70	4.98	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-05	Instrumnet Name :	P8
Client Sample ID :	MDAN86	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:33:30	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2144.30	2317.65	2418.02	2293.32	6.04	ppb
Antimony	121-1	0.12	0.14	0.17	0.14	19.26	ppb
Arsenic	75-1	25.13	25.80	24.05	24.99	3.53	ppb
Barium	135-1	12.75	13.11	13.19	13.02	1.78	ppb
Barium	137-1	12.85	12.68	12.88	12.80	0.85	ppb
Beryllium	9-1	0.07	0.03	0.01	0.04	72.68	ppb
Bismuth	209-1				117		%
Bismuth	209-2				104		%
Boron	10-1	0.07	0.97	0.23	0.42	113.45	ppb
Boron	11-1	0.64	0.41	0.28	0.44	41.03	ppb
Cadmium	111-1	0.03	0.24	0.08	0.12	95.93	ppb
Cadmium	106-1	-1.42	1.35	-0.62	-0.23		ppb
Cadmium	108-1	0.04	0.13	0.09	0.09	53.65	ppb
Calcium	43-1	1892.11	1943.04	1845.47	1893.54	2.58	ppb
Calcium	44-1	1868.69	1876.28	1858.54	1867.83	0.48	ppb
Chromium	52-2	72.57	74.20	74.84	73.87	1.58	ppb
Cobalt	59-2	0.30	0.24	0.40	0.31	25.11	ppb
Copper	63-2	30.09	31.20	31.30	30.86	2.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				101		%
Indium	115-1				106		%
Indium	115-2				93		%
Iron	56-2	1848.80	1923.70	1924.42	1898.97	2.29	ppb
Iron	57-2	1832.09	1934.75	1921.06	1895.97	2.94	ppb
Krypton	83-1						cps
Lead	206-1	65.10	65.01	64.44	64.85	0.56	ppb
Lead	207-1	59.88	60.09	58.35	59.44	1.60	ppb
Lead	208-1	62.43	62.57	61.41	62.14	1.02	ppb
Lithium	6-1				101		%
Magnesium	24-2	229.43	214.84	227.73	224.00	3.56	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-05	Instrumnet Name :	P8
Client Sample ID :	MDAN86	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:33:30	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	28.34	26.90	27.29	27.51	2.71	ppb
Molybdenum	94-1	1.80	1.17	0.96	1.31	33.55	ppb
Molybdenum	95-1	0.24	0.25	0.26	0.25	3.32	ppb
Molybdenum	96-1	0.38	0.33	0.36	0.36	6.80	ppb
Molybdenum	97-1	0.28	0.21	0.22	0.24	15.43	ppb
Molybdenum	98-1	0.24	0.24	0.25	0.24	3.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.04	1.17	1.09	1.10	6.17	ppb
Phosphorus	31-2	62.70	64.13	65.90	64.24	2.49	ppb
Potassium	39-2	61.34	66.67	63.76	63.92	4.18	ppb
Rhodium	103-1				103		%
Rhodium	103-2				99		%
Scandium	45-1				95		%
Scandium	45-2				90		%
Selenium	77-2	0.00	0.00	10.73	3.58	173.21	ppb
Selenium	78-2	-0.55	-0.55	4.88	1.26	248.57	ppb
Selenium	82-1	0.11	-0.16	-0.02	-0.02		ppb
Silicon	28-1	598.40	661.75	528.68	596.28	11.16	ppb
Silver	109-1	0.05	0.08	0.06	0.06	27.04	ppb
Silver	107-1	0.07	0.08	0.07	0.07	13.27	ppb
Sodium	23-2	67.04	76.59	75.59	73.08	7.18	ppb
Strontium	86-1	24.28	25.69	24.55	24.84	3.02	ppb
Strontium	88-1	25.53	25.27	25.13	25.31	0.80	ppb
Sulfur	34-1	-943.09	-880.25	-1065.24	-962.86		ppb
Terbium	159-1				110		%
Terbium	159-2				100		%
Thallium	203-1	0.02	0.01	0.00	0.01	91.54	ppb
Thallium	205-1	0.02	0.00	0.01	0.01	56.76	ppb
Tin	118-1	0.58	0.52	0.69	0.60	14.94	ppb
Titanium	47-1	43.80	23.83	24.57	30.73	36.84	ppb
Uranium	238-1	0.33	0.33	0.33	0.33	1.16	ppb
Vanadium	51-2	5.46	5.38	5.34	5.40	1.14	ppb
Yttrium	89-1				102		%
Yttrium	89-2				93		%
Zinc	66-2	57.78	61.58	60.27	59.87	3.22	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-05	Instrumnet Name :	P8
Client Sample ID :	MDAN86	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:33:30	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.58	0.57	0.54	0.57	3.54	ppb
Zirconium	91-1	0.46	0.61	0.60	0.56	14.95	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-06	Instrumnet Name :	P8
Client Sample ID :	MDAN87	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:36:51	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2504.60	2112.01	2210.02	2275.55	8.98	ppb
Antimony	121-1	0.16	0.13	0.16	0.15	9.35	ppb
Arsenic	75-1	14.47	12.90	13.51	13.63	5.81	ppb
Barium	135-1	20.02	19.20	19.61	19.61	2.08	ppb
Barium	137-1	20.58	19.60	19.94	20.04	2.48	ppb
Beryllium	9-1	0.11	-0.03	0.03	0.04	199.61	ppb
Bismuth	209-1				116		%
Bismuth	209-2				100		%
Boron	10-1	0.81	0.52	0.50	0.61	28.77	ppb
Boron	11-1	0.60	0.70	0.55	0.62	12.65	ppb
Cadmium	111-1	0.15	0.17	0.04	0.12	56.51	ppb
Cadmium	106-1	0.16	0.68	-1.28	-0.14		ppb
Cadmium	108-1	0.19	0.14	0.14	0.15	19.99	ppb
Calcium	43-1	3510.36	3214.77	3455.02	3393.38	4.63	ppb
Calcium	44-1	3417.17	3359.70	3358.09	3378.32	1.00	ppb
Chromium	52-2	40.47	37.29	37.92	38.56	4.36	ppb
Cobalt	59-2	0.34	0.25	0.25	0.28	18.37	ppb
Copper	63-2	27.67	26.35	26.29	26.77	2.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				96		%
Indium	115-1				104		%
Indium	115-2				90		%
Iron	56-2	1404.01	1304.61	1331.16	1346.59	3.82	ppb
Iron	57-2	1394.16	1324.13	1346.88	1355.06	2.64	ppb
Krypton	83-1						cps
Lead	206-1	35.45	35.20	35.05	35.23	0.57	ppb
Lead	207-1	32.72	32.14	32.58	32.48	0.93	ppb
Lead	208-1	33.99	33.52	33.88	33.79	0.73	ppb
Lithium	6-1				98		%
Magnesium	24-2	413.66	384.94	396.78	398.46	3.62	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-06	Instrumnet Name :	P8
Client Sample ID :	MDAN87	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:36:51	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	51.76	45.11	47.81	48.23	6.93	ppb
Molybdenum	94-1	1.21	1.17	1.15	1.17	2.64	ppb
Molybdenum	95-1	0.20	0.13	0.22	0.18	24.82	ppb
Molybdenum	96-1	0.36	0.29	0.23	0.29	22.42	ppb
Molybdenum	97-1	0.14	0.23	0.10	0.15	42.45	ppb
Molybdenum	98-1	0.22	0.21	0.22	0.22	2.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.20	0.96	1.16	1.11	12.00	ppb
Phosphorus	31-2	250.56	192.63	110.09	184.43	38.27	ppb
Potassium	39-2	103.64	79.09	74.72	85.82	18.16	ppb
Rhodium	103-1				101		%
Rhodium	103-2				95		%
Scandium	45-1				93		%
Scandium	45-2				86		%
Selenium	77-2	0.00	10.78	0.00	3.59	173.21	ppb
Selenium	78-2	3.30	-0.55	-0.55	0.74	302.47	ppb
Selenium	82-1	0.06	0.40	-0.42	0.02	2473.99	ppb
Silicon	28-1	474.38	488.83	506.73	489.98	3.31	ppb
Silver	109-1	0.07	0.06	0.06	0.06	10.51	ppb
Silver	107-1	0.05	0.05	0.06	0.05	16.12	ppb
Sodium	23-2	70.85	68.68	78.19	72.57	6.87	ppb
Strontium	86-1	63.30	61.21	62.78	62.43	1.74	ppb
Strontium	88-1	64.66	63.41	64.24	64.10	0.99	ppb
Sulfur	34-1	-676.66	-971.07	-870.17	-839.30		ppb
Terbium	159-1				109		%
Terbium	159-2				97		%
Thallium	203-1	0.00	0.01	0.01	0.01	119.41	ppb
Thallium	205-1	-0.01	0.00	0.00	0.00		ppb
Tin	118-1	0.94	0.85	1.02	0.93	9.25	ppb
Titanium	47-1	17.50	15.81	17.54	16.95	5.83	ppb
Uranium	238-1	0.32	0.31	0.34	0.32	4.40	ppb
Vanadium	51-2	4.59	4.54	4.40	4.51	2.19	ppb
Yttrium	89-1				101		%
Yttrium	89-2				89		%
Zinc	66-2	64.97	59.90	55.79	60.22	7.63	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-06	Instrumnet Name :	P8
Client Sample ID :	MDAN87	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:36:51	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.61	0.62	0.69	0.64	7.15	ppb
Zirconium	91-1	0.72	0.56	0.77	0.68	15.74	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-07	Instrumnet Name :	P8
Client Sample ID :	MDAN88	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:40:13	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	194.57	202.87	183.51	193.65	5.02	ppb
Antimony	121-1	-0.03	0.00	0.01	-0.01		ppb
Arsenic	75-1	0.40	0.02	0.34	0.25	79.01	ppb
Barium	135-1	6.72	6.39	6.26	6.46	3.67	ppb
Barium	137-1	6.64	6.30	6.14	6.36	4.06	ppb
Beryllium	9-1	-0.03	-0.01	0.02	-0.01		ppb
Bismuth	209-1				115		%
Bismuth	209-2				103		%
Boron	10-1	-0.08	-0.33	-0.22	-0.21		ppb
Boron	11-1	0.67	0.19	0.32	0.39	63.44	ppb
Cadmium	111-1	0.01	-0.03	0.03	0.01	533.66	ppb
Cadmium	106-1	-0.23	-0.50	0.15	-0.19		ppb
Cadmium	108-1	-0.01	0.23	0.32	0.18	93.52	ppb
Calcium	43-1	883.40	876.10	824.74	861.41	3.71	ppb
Calcium	44-1	873.37	865.78	883.06	874.07	0.99	ppb
Chromium	52-2	5.25	5.06	4.76	5.02	4.94	ppb
Cobalt	59-2	0.06	0.08	0.07	0.07	13.70	ppb
Copper	63-2	1.68	1.64	1.69	1.67	1.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				101		%
Indium	115-1				105		%
Indium	115-2				94		%
Iron	56-2	166.59	167.83	164.14	166.19	1.13	ppb
Iron	57-2	136.42	166.94	152.51	151.96	10.05	ppb
Krypton	83-1						cps
Lead	206-1	9.25	9.08	9.01	9.11	1.37	ppb
Lead	207-1	8.32	8.54	8.12	8.32	2.55	ppb
Lead	208-1	8.84	8.73	8.79	8.79	0.61	ppb
Lithium	6-1				98		%
Magnesium	24-2	19.12	12.90	16.65	16.22	19.30	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-07	Instrumnet Name :	P8
Client Sample ID :	MDAN88	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:40:13	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.15	1.81	1.72	1.56	23.10	ppb
Molybdenum	94-1	0.16	0.28	0.51	0.32	54.78	ppb
Molybdenum	95-1	0.02	-0.03	0.07	0.02	249.93	ppb
Molybdenum	96-1	0.00	0.01	0.05	0.02	142.59	ppb
Molybdenum	97-1	-0.02	0.02	0.03	0.01	213.88	ppb
Molybdenum	98-1	0.02	0.01	0.01	0.01	70.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.96	1.54	1.10	1.20	25.06	ppb
Phosphorus	31-2	63.72	-18.47	-18.47	8.92	531.71	ppb
Potassium	39-2	-10.23	-5.55	19.76	1.33	1216.92	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				93		%
Scandium	45-2				89		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.55	-0.55	-0.55	-0.55		ppb
Selenium	82-1	-0.94	0.10	-0.52	-0.45		ppb
Silicon	28-1	330.65	500.69	710.84	514.06	37.05	ppb
Silver	109-1	0.04	0.04	0.03	0.04	16.86	ppb
Silver	107-1	0.06	0.08	0.05	0.06	23.02	ppb
Sodium	23-2	45.56	44.41	36.23	42.07	12.10	ppb
Strontium	86-1	7.69	7.60	7.34	7.54	2.35	ppb
Strontium	88-1	7.78	7.67	7.80	7.75	0.93	ppb
Sulfur	34-1	-856.93	-942.24	-1089.95	-963.04		ppb
Terbium	159-1				110		%
Terbium	159-2				100		%
Thallium	203-1	0.00	-0.01	0.00	0.00		ppb
Thallium	205-1	-0.02	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.17	0.16	0.19	0.17	9.62	ppb
Titanium	47-1	17.80	17.46	42.51	25.92	55.43	ppb
Uranium	238-1	0.07	0.07	0.06	0.07	3.92	ppb
Vanadium	51-2	1.79	1.54	1.80	1.71	8.83	ppb
Yttrium	89-1				100		%
Yttrium	89-2				92		%
Zinc	66-2	2.27	2.44	2.72	2.47	9.20	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-07	Instrumnet Name :	P8
Client Sample ID :	MDAN88	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:40:13	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.08	0.57	0.29	0.65	61.68	ppb
Zirconium	91-1	0.18	0.19	0.21	0.19	7.24	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-08	Instrumnet Name :	P8
Client Sample ID :	MDAN89	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:43:34	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	110.40	127.76	155.84	131.33	17.46	ppb
Antimony	121-1	-0.01	-0.02	-0.02	-0.02		ppb
Arsenic	75-1	0.19	0.25	0.09	0.18	46.86	ppb
Barium	135-1	4.80	4.88	4.94	4.87	1.44	ppb
Barium	137-1	4.51	4.80	5.01	4.78	5.29	ppb
Beryllium	9-1	-0.06	-0.04	-0.05	-0.05		ppb
Bismuth	209-1				114		%
Bismuth	209-2				100		%
Boron	10-1	-0.02	-0.54	0.34	-0.07		ppb
Boron	11-1	-0.01	-0.24	-0.30	-0.18		ppb
Cadmium	111-1	0.01	-0.16	-0.09	-0.08		ppb
Cadmium	106-1	0.11	-2.21	-1.27	-1.13		ppb
Cadmium	108-1	-0.01	0.09	0.28	0.12	124.17	ppb
Calcium	43-1	378.78	359.65	345.31	361.25	4.65	ppb
Calcium	44-1	361.12	361.38	368.90	363.80	1.21	ppb
Chromium	52-2	7.77	8.12	8.66	8.19	5.49	ppb
Cobalt	59-2	0.11	0.09	0.06	0.09	24.77	ppb
Copper	63-2	0.74	0.78	0.66	0.73	8.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				98		%
Indium	115-1				105		%
Indium	115-2				91		%
Iron	56-2	91.65	88.49	112.99	97.71	13.64	ppb
Iron	57-2	74.82	99.10	100.12	91.35	15.68	ppb
Krypton	83-1						cps
Lead	206-1	6.70	6.68	6.95	6.77	2.18	ppb
Lead	207-1	6.17	6.06	6.21	6.15	1.23	ppb
Lead	208-1	6.43	6.34	6.54	6.44	1.52	ppb
Lithium	6-1				98		%
Magnesium	24-2	6.46	8.79	13.04	9.43	35.38	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-08	Instrumnet Name :	P8
Client Sample ID :	MDAN89	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:43:34	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.70	1.42	1.22	1.45	16.79	ppb
Molybdenum	94-1	0.73	0.46	0.82	0.67	27.78	ppb
Molybdenum	95-1	0.01	0.02	0.00	0.01	121.31	ppb
Molybdenum	96-1	0.01	0.03	0.05	0.03	59.09	ppb
Molybdenum	97-1	0.01	0.06	0.04	0.03	75.49	ppb
Molybdenum	98-1	0.02	0.03	0.05	0.03	39.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.42	3.22	2.64	2.76	14.98	ppb
Phosphorus	31-2	-18.47	-18.47	-18.47	-18.47		ppb
Potassium	39-2	-15.96	14.50	-13.74	-5.06		ppb
Rhodium	103-1				101		%
Rhodium	103-2				96		%
Scandium	45-1				94		%
Scandium	45-2				88		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.23	-0.55	4.91	1.86	149.38	ppb
Selenium	82-1	0.28	0.21	-0.68	-0.06		ppb
Silicon	28-1	548.64	284.32	284.14	372.37	41.00	ppb
Silver	109-1	0.05	0.04	0.05	0.05	14.92	ppb
Silver	107-1	0.05	0.06	0.05	0.05	10.85	ppb
Sodium	23-2	34.57	33.87	30.50	32.98	6.60	ppb
Strontium	86-1	3.30	3.01	3.33	3.21	5.57	ppb
Strontium	88-1	3.37	3.29	3.38	3.35	1.41	ppb
Sulfur	34-1	-955.92	-953.76	-893.50	-934.39		ppb
Terbium	159-1				110		%
Terbium	159-2				98		%
Thallium	203-1	0.00	0.01	-0.01	0.00		ppb
Thallium	205-1	-0.01	-0.02	-0.01	-0.01		ppb
Tin	118-1	0.13	0.08	0.10	0.10	26.11	ppb
Titanium	47-1	68.76	21.48	14.73	34.99	84.14	ppb
Uranium	238-1	0.03	0.04	0.03	0.04	19.00	ppb
Vanadium	51-2	1.12	1.18	1.01	1.10	7.60	ppb
Yttrium	89-1				101		%
Yttrium	89-2				90		%
Zinc	66-2	1.63	1.22	1.50	1.45	14.40	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-08	Instrumnet Name :	P8
Client Sample ID :	MDAN89	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:43:34	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.11	0.10	0.10	0.10	8.06	ppb
Zirconium	91-1	0.16	0.19	0.23	0.19	17.63	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-09	Instrumnet Name :	P8
Client Sample ID :	MDAN90	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:46:54	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1966.81	2016.12	1767.26	1916.73	6.87	ppb
Antimony	121-1	0.61	0.20	0.19	0.33	71.07	ppb
Arsenic	75-1	59.20	20.62	21.03	33.62	65.91	ppb
Barium	135-1	56.91	21.75	21.81	33.49	60.55	ppb
Barium	137-1	56.74	21.30	22.05	33.36	60.70	ppb
Beryllium	9-1	0.48	0.00	0.04	0.17	152.05	ppb
Bismuth	209-1				93		%
Bismuth	209-2				105		%
Boron	10-1	1.23	0.28	0.29	0.60	91.03	ppb
Boron	11-1	2.93	1.01	1.06	1.67	65.34	ppb
Cadmium	111-1	0.57	0.07	0.16	0.27	100.59	ppb
Cadmium	106-1	-0.22	-1.39	-0.86	-0.82		ppb
Cadmium	108-1	0.38	0.47	0.14	0.33	52.66	ppb
Calcium	43-1	13595.06	4758.52	4703.08	7685.55	66.59	ppb
Calcium	44-1	13532.72	4619.82	4667.29	7606.61	67.47	ppb
Chromium	52-2	54.93	53.81	52.96	53.90	1.83	ppb
Cobalt	59-2	0.53	0.42	0.44	0.46	13.05	ppb
Copper	63-2	33.67	33.44	34.10	33.74	1.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				89		%
Holmium	165-2				100		%
Indium	115-1				84		%
Indium	115-2				93		%
Iron	56-2	1396.83	1388.47	1365.10	1383.47	1.19	ppb
Iron	57-2	1376.16	1410.28	1410.90	1399.11	1.42	ppb
Krypton	83-1						cps
Lead	206-1	118.89	44.53	45.08	69.50	61.54	ppb
Lead	207-1	107.29	40.41	41.37	63.02	60.83	ppb
Lead	208-1	112.27	42.40	43.21	65.96	60.81	ppb
Lithium	6-1				81		%
Magnesium	24-2	552.05	527.30	520.32	533.22	3.13	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-09	Instrumnet Name :	P8
Client Sample ID :	MDAN90	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:46:54	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	71.29	75.53	72.32	73.05	3.03	ppb
Molybdenum	94-1	4.89	1.44	1.39	2.57	77.82	ppb
Molybdenum	95-1	0.47	0.15	0.18	0.27	64.30	ppb
Molybdenum	96-1	0.94	0.30	0.32	0.52	69.57	ppb
Molybdenum	97-1	0.58	0.13	0.16	0.29	86.67	ppb
Molybdenum	98-1	0.52	0.17	0.17	0.29	69.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.49	1.90	1.72	1.71	12.01	ppb
Phosphorus	31-2	275.68	192.36	146.71	204.92	31.91	ppb
Potassium	39-2	80.18	82.25	115.53	92.65	21.41	ppb
Rhodium	103-1				81		%
Rhodium	103-2				99		%
Scandium	45-1				73		%
Scandium	45-2				89		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.55	3.04	1.21	1.23	145.45	ppb
Selenium	82-1	-1.46	0.19	-1.05	-0.77		ppb
Silicon	28-1	1469.75	575.65	531.59	859.00	61.63	ppb
Silver	109-1	0.21	0.07	0.07	0.12	70.67	ppb
Silver	107-1	0.23	0.07	0.10	0.13	60.69	ppb
Sodium	23-2	45.28	42.28	41.17	42.91	4.95	ppb
Strontium	86-1	273.60	100.11	102.55	158.75	62.65	ppb
Strontium	88-1	278.41	101.56	104.27	161.41	62.78	ppb
Sulfur	34-1	13098.99	-726.72	-619.09	3917.73	202.96	ppb
Terbium	159-1				88		%
Terbium	159-2				101		%
Thallium	203-1	0.09	0.00	0.01	0.03	156.99	ppb
Thallium	205-1	0.04	0.00	0.01	0.02	108.89	ppb
Tin	118-1	3.12	1.01	1.04	1.72	69.98	ppb
Titanium	47-1	68.52	82.21	20.95	57.22	56.19	ppb
Uranium	238-1	0.80	0.34	0.33	0.49	55.99	ppb
Vanadium	51-2	3.98	4.27	4.20	4.15	3.69	ppb
Yttrium	89-1				81		%
Yttrium	89-2				93		%
Zinc	66-2	92.44	92.45	87.67	90.85	3.03	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-09	Instrumnet Name :	P8
Client Sample ID :	MDAN90	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:46:54	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	2.28	0.82	0.96	1.35	59.76	ppb
Zirconium	91-1	2.60	0.83	0.82	1.42	72.33	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-10	Instrumnet Name :	P8
Client Sample ID :	MDAN91	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:50:16	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1620.67	1481.97	1543.15	1548.60	4.49	ppb
Antimony	121-1	0.19	0.21	0.18	0.20	6.76	ppb
Arsenic	75-1	15.40	15.71	15.83	15.65	1.42	ppb
Barium	135-1	19.33	19.60	20.25	19.73	2.39	ppb
Barium	137-1	18.91	19.44	19.13	19.16	1.39	ppb
Beryllium	9-1	0.12	0.05	0.05	0.07	54.28	ppb
Bismuth	209-1				118		%
Bismuth	209-2				105		%
Boron	10-1	0.67	1.27	1.17	1.04	30.69	ppb
Boron	11-1	0.46	0.86	0.69	0.67	29.51	ppb
Cadmium	111-1	0.20	0.12	0.20	0.17	25.64	ppb
Cadmium	106-1	-0.85	-1.97	-0.40	-1.07		ppb
Cadmium	108-1	0.32	0.38	0.28	0.33	15.24	ppb
Calcium	43-1	5393.65	5498.25	5564.86	5485.59	1.57	ppb
Calcium	44-1	5356.91	5487.77	5537.43	5460.71	1.71	ppb
Chromium	52-2	41.86	42.76	42.01	42.21	1.14	ppb
Cobalt	59-2	0.39	0.34	0.41	0.38	9.65	ppb
Copper	63-2	32.01	32.20	31.50	31.90	1.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				101		%
Indium	115-1				105		%
Indium	115-2				93		%
Iron	56-2	1361.92	1354.01	1361.03	1358.99	0.32	ppb
Iron	57-2	1349.97	1313.85	1329.87	1331.23	1.36	ppb
Krypton	83-1						cps
Lead	206-1	52.98	53.40	52.32	52.90	1.03	ppb
Lead	207-1	48.71	49.00	48.39	48.70	0.63	ppb
Lead	208-1	50.43	51.14	50.41	50.66	0.82	ppb
Lithium	6-1				100		%
Magnesium	24-2	368.66	383.74	379.71	377.37	2.07	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-10	Instrumnet Name :	P8
Client Sample ID :	MDAN91	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:50:16	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	40.55	41.43	40.76	40.91	1.11	ppb
Molybdenum	94-1	0.99	1.11	1.02	1.04	5.85	ppb
Molybdenum	95-1	0.04	0.07	0.09	0.07	39.23	ppb
Molybdenum	96-1	0.16	0.26	0.21	0.21	22.75	ppb
Molybdenum	97-1	0.17	0.11	0.12	0.13	22.26	ppb
Molybdenum	98-1	0.07	0.08	0.10	0.09	16.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.16	1.98	1.72	1.95	11.37	ppb
Phosphorus	31-2	151.96	108.73	279.76	180.15	49.37	ppb
Potassium	39-2	69.78	53.40	76.73	66.64	17.97	ppb
Rhodium	103-1				102		%
Rhodium	103-2				97		%
Scandium	45-1				94		%
Scandium	45-2				88		%
Selenium	77-2	0.00	10.68	0.00	3.56	173.21	ppb
Selenium	78-2	1.25	-0.55	-0.55	0.05	1980.75	ppb
Selenium	82-1	0.02	-1.03	0.23	-0.26		ppb
Silicon	28-1	519.81	506.26	517.47	514.52	1.41	ppb
Silver	109-1	0.08	0.09	0.08	0.08	6.21	ppb
Silver	107-1	0.07	0.09	0.07	0.08	19.46	ppb
Sodium	23-2	68.26	60.25	49.58	59.37	15.79	ppb
Strontium	86-1	59.81	58.69	60.50	59.67	1.53	ppb
Strontium	88-1	59.79	60.77	60.78	60.44	0.94	ppb
Sulfur	34-1	-823.60	-758.72	-662.67	-748.33		ppb
Terbium	159-1				111		%
Terbium	159-2				101		%
Thallium	203-1	0.00	0.00	0.00	0.00		ppb
Thallium	205-1	-0.01	0.00	0.01	0.00	410.38	ppb
Tin	118-1	1.37	1.34	1.40	1.37	2.27	ppb
Titanium	47-1	24.22	17.32	18.01	19.85	19.14	ppb
Uranium	238-1	0.26	0.27	0.27	0.27	1.85	ppb
Vanadium	51-2	4.17	3.78	3.92	3.96	5.03	ppb
Yttrium	89-1				102		%
Yttrium	89-2				92		%
Zinc	66-2	62.91	61.80	62.73	62.48	0.95	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-10	Instrumnet Name :	P8
Client Sample ID :	MDAN91	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:50:16	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.68	0.67	0.70	0.68	2.07	ppb
Zirconium	91-1	0.67	0.75	0.61	0.68	10.33	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-11	Instrumnet Name :	P8
Client Sample ID :	MDAN92	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:53:38	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1111.71	1245.43	1106.58	1154.57	6.82	ppb
Antimony	121-1	0.08	0.09	0.13	0.10	28.40	ppb
Arsenic	75-1	6.00	6.01	5.88	5.96	1.23	ppb
Barium	135-1	15.27	16.21	14.77	15.42	4.74	ppb
Barium	137-1	14.94	15.75	14.78	15.16	3.41	ppb
Beryllium	9-1	0.00	0.03	0.05	0.02	101.38	ppb
Bismuth	209-1				119		%
Bismuth	209-2				105		%
Boron	10-1	-0.14	0.59	-0.03	0.14	281.23	ppb
Boron	11-1	0.50	0.75	0.28	0.51	47.06	ppb
Cadmium	111-1	0.14	0.12	0.21	0.15	29.92	ppb
Cadmium	106-1	-0.54	-0.63	0.01	-0.38		ppb
Cadmium	108-1	0.08	0.19	0.04	0.10	74.98	ppb
Calcium	43-1	3793.04	3880.72	3815.50	3829.75	1.19	ppb
Calcium	44-1	3736.97	3881.76	3759.08	3792.60	2.06	ppb
Chromium	52-2	14.29	13.82	15.24	14.45	5.03	ppb
Cobalt	59-2	0.23	0.21	0.31	0.25	19.82	ppb
Copper	63-2	14.44	15.61	14.76	14.94	4.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				100		%
Indium	115-1				106		%
Indium	115-2				93		%
Iron	56-2	1029.56	1053.31	1047.78	1043.55	1.19	ppb
Iron	57-2	1020.11	1058.42	1017.39	1031.97	2.22	ppb
Krypton	83-1						cps
Lead	206-1	49.56	51.39	49.89	50.28	1.94	ppb
Lead	207-1	45.90	46.87	45.66	46.14	1.39	ppb
Lead	208-1	47.53	49.03	47.54	48.03	1.80	ppb
Lithium	6-1				100		%
Magnesium	24-2	303.68	324.91	308.42	312.34	3.57	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-11	Instrumnet Name :	P8
Client Sample ID :	MDAN92	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:53:38	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	31.40	32.30	30.96	31.55	2.16	ppb
Molybdenum	94-1	0.83	0.99	1.00	0.94	10.42	ppb
Molybdenum	95-1	0.03	0.05	0.10	0.06	63.07	ppb
Molybdenum	96-1	0.22	0.14	0.17	0.18	20.77	ppb
Molybdenum	97-1	0.04	0.06	0.09	0.06	36.20	ppb
Molybdenum	98-1	0.09	0.09	0.08	0.09	6.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.76	1.42	0.85	1.01	35.61	ppb
Phosphorus	31-2	64.17	279.55	65.88	136.53	90.72	ppb
Potassium	39-2	70.18	34.43	56.78	53.80	33.58	ppb
Rhodium	103-1				102		%
Rhodium	103-2				98		%
Scandium	45-1				94		%
Scandium	45-2				89		%
Selenium	77-2	0.00	10.51	0.00	3.50	173.21	ppb
Selenium	78-2	-0.55	1.22	1.25	0.64	160.86	ppb
Selenium	82-1	-0.64	-0.30	0.39	-0.18		ppb
Silicon	28-1	357.30	455.86	333.14	382.10	17.01	ppb
Silver	109-1	0.07	0.08	0.06	0.07	17.95	ppb
Silver	107-1	0.08	0.08	0.07	0.08	4.46	ppb
Sodium	23-2	40.72	31.10	40.35	37.39	14.57	ppb
Strontium	86-1	66.38	68.55	66.95	67.29	1.67	ppb
Strontium	88-1	67.79	69.38	67.77	68.31	1.35	ppb
Sulfur	34-1	-822.73	-535.80	-785.77	-714.76		ppb
Terbium	159-1				111		%
Terbium	159-2				101		%
Thallium	203-1	0.01	0.01	-0.01	0.00	402.28	ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.78	0.91	0.90	0.86	8.32	ppb
Titanium	47-1	17.67	20.30	13.95	17.31	18.43	ppb
Uranium	238-1	0.22	0.24	0.20	0.22	8.03	ppb
Vanadium	51-2	4.31	4.21	3.65	4.06	8.84	ppb
Yttrium	89-1				102		%
Yttrium	89-2				93		%
Zinc	66-2	36.90	38.46	37.04	37.47	2.29	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-11	Instrumnet Name :	P8
Client Sample ID :	MDAN92	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:53:38	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.58	0.54	0.56	0.56	3.46	ppb
Zirconium	91-1	0.62	0.78	0.59	0.66	15.45	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-12	Instrumnet Name :	P8
Client Sample ID :	MDAN93	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:56:59	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1202.04	1117.23	1223.32	1180.86	4.75	ppb
Antimony	121-1	0.09	0.08	0.09	0.09	2.47	ppb
Arsenic	75-1	5.65	5.25	6.58	5.83	11.71	ppb
Barium	135-1	14.28	14.02	14.41	14.24	1.38	ppb
Barium	137-1	13.92	14.05	13.91	13.96	0.56	ppb
Beryllium	9-1	0.06	0.01	0.05	0.04	69.69	ppb
Bismuth	209-1				118		%
Bismuth	209-2				104		%
Boron	10-1	0.16	-0.14	-0.04	-0.01		ppb
Boron	11-1	0.05	0.25	-0.08	0.07	220.93	ppb
Cadmium	111-1	0.14	0.09	0.10	0.11	23.00	ppb
Cadmium	106-1	-0.17	-0.93	-0.74	-0.61		ppb
Cadmium	108-1	0.18	0.18	0.42	0.26	51.57	ppb
Calcium	43-1	3435.73	3588.81	3471.74	3498.76	2.29	ppb
Calcium	44-1	3434.06	3518.97	3448.23	3467.09	1.31	ppb
Chromium	52-2	14.54	14.15	13.62	14.10	3.27	ppb
Cobalt	59-2	0.23	0.34	0.23	0.27	23.06	ppb
Copper	63-2	14.31	14.10	13.61	14.01	2.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				101		%
Indium	115-1				106		%
Indium	115-2				93		%
Iron	56-2	1037.81	1045.29	1045.54	1042.88	0.42	ppb
Iron	57-2	992.30	1027.15	1041.49	1020.32	2.48	ppb
Krypton	83-1						cps
Lead	206-1	50.86	51.54	49.80	50.73	1.73	ppb
Lead	207-1	46.77	47.73	45.99	46.83	1.87	ppb
Lead	208-1	48.46	49.40	48.10	48.65	1.38	ppb
Lithium	6-1				100		%
Magnesium	24-2	309.17	308.17	294.24	303.86	2.75	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-12	Instrumnet Name :	P8
Client Sample ID :	MDAN93	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:56:59	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	30.08	30.92	30.36	30.46	1.41	ppb
Molybdenum	94-1	0.86	0.96	0.77	0.86	11.36	ppb
Molybdenum	95-1	0.10	0.09	0.13	0.11	19.68	ppb
Molybdenum	96-1	0.19	0.23	0.21	0.21	11.53	ppb
Molybdenum	97-1	0.06	0.09	0.08	0.08	16.14	ppb
Molybdenum	98-1	0.10	0.08	0.13	0.10	21.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.40	1.06	1.47	1.31	16.87	ppb
Phosphorus	31-2	66.24	66.91	238.29	123.82	80.07	ppb
Potassium	39-2	27.50	71.37	57.89	52.26	43.00	ppb
Rhodium	103-1				102		%
Rhodium	103-2				98		%
Scandium	45-1				94		%
Scandium	45-2				88		%
Selenium	77-2	0.00	0.00	10.90	3.63	173.21	ppb
Selenium	78-2	-0.55	-0.55	-0.55	-0.55		ppb
Selenium	82-1	-0.44	-0.61	0.05	-0.33		ppb
Silicon	28-1	341.88	366.55	289.11	332.51	11.90	ppb
Silver	109-1	0.05	0.10	0.06	0.07	33.44	ppb
Silver	107-1	0.06	0.07	0.08	0.07	11.99	ppb
Sodium	23-2	36.92	36.79	36.81	36.84	0.19	ppb
Strontium	86-1	64.29	64.33	61.67	63.43	2.41	ppb
Strontium	88-1	64.14	65.46	63.57	64.39	1.51	ppb
Sulfur	34-1	-1019.14	-687.88	-918.30	-875.10		ppb
Terbium	159-1				111		%
Terbium	159-2				100		%
Thallium	203-1	-0.01	-0.01	0.01	0.00		ppb
Thallium	205-1	-0.02	-0.01	-0.01	-0.01		ppb
Tin	118-1	1.24	0.88	0.97	1.03	18.05	ppb
Titanium	47-1	15.19	14.23	13.21	14.21	6.96	ppb
Uranium	238-1	0.20	0.22	0.21	0.21	5.07	ppb
Vanadium	51-2	4.46	4.21	4.30	4.33	2.91	ppb
Yttrium	89-1				102		%
Yttrium	89-2				92		%
Zinc	66-2	37.78	37.07	37.11	37.32	1.07	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-12	Instrumnet Name :	P8
Client Sample ID :	MDAN93	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:56:59	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.59	1.20	0.53	0.77	47.73	ppb
Zirconium	91-1	0.72	0.53	0.57	0.61	16.73	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-13	Instrumnet Name :	P8
Client Sample ID :	MDAN94	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:00:21	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5767.76	5420.91	5764.08	5650.92	3.53	ppb
Antimony	121-1	0.13	0.07	0.14	0.11	33.27	ppb
Arsenic	75-1	0.75	0.89	0.77	0.80	9.65	ppb
Barium	135-1	12.02	11.74	11.79	11.85	1.26	ppb
Barium	137-1	11.62	11.59	12.09	11.77	2.39	ppb
Beryllium	9-1	-0.04	0.07	-0.02	0.00	3394.58	ppb
Bismuth	209-1				116		%
Bismuth	209-2				102		%
Boron	10-1	1.25	0.59	0.60	0.81	46.81	ppb
Boron	11-1	0.25	0.07	0.40	0.24	69.69	ppb
Cadmium	111-1	-0.09	-0.02	-0.03	-0.04		ppb
Cadmium	106-1	-1.68	-0.70	-1.13	-1.17		ppb
Cadmium	108-1	0.14	-0.06	-0.01	0.02	421.53	ppb
Calcium	43-1	1847.65	1859.42	1863.32	1856.80	0.44	ppb
Calcium	44-1	1854.66	1826.13	1818.99	1833.26	1.03	ppb
Chromium	52-2	7.29	7.13	7.49	7.30	2.43	ppb
Cobalt	59-2	0.30	0.28	0.34	0.31	9.60	ppb
Copper	63-2	2.44	2.29	2.38	2.37	3.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				98		%
Indium	115-1				103		%
Indium	115-2				90		%
Iron	56-2	666.17	632.06	671.57	656.60	3.26	ppb
Iron	57-2	657.75	638.86	644.92	647.17	1.49	ppb
Krypton	83-1						cps
Lead	206-1	11.52	11.68	11.85	11.68	1.41	ppb
Lead	207-1	10.60	10.56	10.70	10.62	0.67	ppb
Lead	208-1	11.16	11.06	11.24	11.15	0.78	ppb
Lithium	6-1				99		%
Magnesium	24-2	52.18	46.74	45.49	48.14	7.39	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-13	Instrumnet Name :	P8
Client Sample ID :	MDAN94	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:00:21	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	3.11	2.36	2.13	2.53	20.37	ppb
Molybdenum	94-1	0.94	1.26	1.02	1.07	15.67	ppb
Molybdenum	95-1	0.00	0.04	-0.01	0.01	307.36	ppb
Molybdenum	96-1	0.96	0.14	0.11	0.40	119.31	ppb
Molybdenum	97-1	0.05	0.00	0.02	0.02	116.50	ppb
Molybdenum	98-1	0.05	0.02	0.04	0.04	32.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.01	1.21	1.47	1.23	18.77	ppb
Phosphorus	31-2	25.25	22.95	25.69	24.63	5.96	ppb
Potassium	39-2	1.75	2.61	6.00	3.45	64.99	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				93		%
Scandium	45-2				87		%
Selenium	77-2	10.80	10.78	0.00	7.20	86.60	ppb
Selenium	78-2	-0.55	1.27	-0.55	0.06	1852.95	ppb
Selenium	82-1	-0.65	-1.03	-0.41	-0.69		ppb
Silicon	28-1	1493.68	1551.72	1518.21	1521.20	1.92	ppb
Silver	109-1	0.04	0.02	0.05	0.04	40.57	ppb
Silver	107-1	0.04	0.03	0.04	0.04	12.12	ppb
Sodium	23-2	32.11	23.89	39.00	31.67	23.90	ppb
Strontium	86-1	5.59	5.97	5.71	5.76	3.32	ppb
Strontium	88-1	5.86	6.05	5.96	5.96	1.56	ppb
Sulfur	34-1	-768.03	-1226.51	-1319.54	-1104.69		ppb
Terbium	159-1				109		%
Terbium	159-2				98		%
Thallium	203-1	-0.01	-0.01	0.00	-0.01		ppb
Thallium	205-1	-0.01	-0.02	-0.01	-0.01		ppb
Tin	118-1	0.27	0.18	0.30	0.25	26.70	ppb
Titanium	47-1	37.82	21.72	63.47	41.00	51.36	ppb
Uranium	238-1	0.30	0.31	0.29	0.30	2.75	ppb
Vanadium	51-2	3.32	3.59	3.63	3.51	4.91	ppb
Yttrium	89-1				100		%
Yttrium	89-2				90		%
Zinc	66-2	29.38	28.81	30.78	29.66	3.41	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-13	Instrumnet Name :	P8
Client Sample ID :	MDAN94	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:00:21	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.79	0.79	0.84	0.81	3.41	ppb
Zirconium	91-1	0.58	1.96	0.61	1.05	75.18	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-14	Instrumnet Name :	P8
Client Sample ID :	MDAN95	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:03:43	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3753.33	4078.98	4190.25	4007.52	5.67	ppb
Antimony	121-1	0.02	0.03	0.02	0.02	32.33	ppb
Arsenic	75-1	0.39	-0.11	0.10	0.13	196.44	ppb
Barium	135-1	3.19	3.34	3.28	3.27	2.31	ppb
Barium	137-1	3.45	3.38	3.08	3.30	5.92	ppb
Beryllium	9-1	-0.03	-0.02	0.05	0.00		ppb
Bismuth	209-1				116		%
Bismuth	209-2				102		%
Boron	10-1	0.51	-0.13	-0.44	-0.02		ppb
Boron	11-1	-0.33	-0.26	-0.06	-0.21		ppb
Cadmium	111-1	-0.05	-0.11	-0.16	-0.11		ppb
Cadmium	106-1	-1.09	-1.64	-2.38	-1.70		ppb
Cadmium	108-1	0.09	0.28	-0.01	0.12	122.98	ppb
Calcium	43-1	683.69	718.93	700.29	700.97	2.52	ppb
Calcium	44-1	698.92	689.45	677.15	688.51	1.59	ppb
Chromium	52-2	7.84	8.21	7.48	7.84	4.65	ppb
Cobalt	59-2	0.42	0.36	0.38	0.39	8.96	ppb
Copper	63-2	0.53	0.58	0.54	0.55	5.03	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				111		%
Holmium	165-2				98		%
Indium	115-1				104		%
Indium	115-2				91		%
Iron	56-2	457.04	452.09	446.75	451.96	1.14	ppb
Iron	57-2	456.78	471.56	463.26	463.87	1.60	ppb
Krypton	83-1						cps
Lead	206-1	6.87	6.52	6.43	6.60	3.56	ppb
Lead	207-1	6.17	6.01	6.07	6.08	1.37	ppb
Lead	208-1	6.46	6.32	6.32	6.37	1.26	ppb
Lithium	6-1				100		%
Magnesium	24-2	36.04	54.91	52.01	47.66	21.32	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-14	Instrumnet Name :	P8
Client Sample ID :	MDAN95	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:03:43	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.27	1.30	0.77	1.11	26.99	ppb
Molybdenum	94-1	0.85	1.29	1.68	1.27	32.66	ppb
Molybdenum	95-1	0.10	0.04	0.01	0.05	89.50	ppb
Molybdenum	96-1	0.14	0.14	0.18	0.15	12.98	ppb
Molybdenum	97-1	0.04	0.05	0.06	0.05	24.26	ppb
Molybdenum	98-1	0.01	0.03	0.07	0.04	76.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.44	1.80	2.38	2.21	16.10	ppb
Phosphorus	31-2	-18.47	25.47	25.13	10.71	236.00	ppb
Potassium	39-2	10.52	60.67	37.23	36.14	69.44	ppb
Rhodium	103-1				100		%
Rhodium	103-2				96		%
Scandium	45-1				92		%
Scandium	45-2				86		%
Selenium	77-2	0.00	11.12	0.00	3.71	173.21	ppb
Selenium	78-2	-0.55	1.32	-0.55	0.08	1428.95	ppb
Selenium	82-1	0.72	-0.84	0.55	0.14	603.44	ppb
Silicon	28-1	1005.74	1169.81	988.12	1054.56	9.50	ppb
Silver	109-1	0.03	0.04	0.03	0.04	8.73	ppb
Silver	107-1	0.04	0.03	0.03	0.04	15.30	ppb
Sodium	23-2	30.26	37.45	18.01	28.57	34.39	ppb
Strontium	86-1	3.39	3.18	3.32	3.30	3.36	ppb
Strontium	88-1	5.03	3.38	3.29	3.90	25.07	ppb
Sulfur	34-1	-1376.96	-1535.65	-1530.57	-1481.06		ppb
Terbium	159-1				110		%
Terbium	159-2				98		%
Thallium	203-1	-0.02	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.02	-0.01		ppb
Tin	118-1	0.09	0.12	0.15	0.12	25.12	ppb
Titanium	47-1	16.35	18.97	16.60	17.31	8.37	ppb
Uranium	238-1	0.30	0.27	0.26	0.28	7.25	ppb
Vanadium	51-2	3.43	3.48	3.76	3.56	4.97	ppb
Yttrium	89-1				99		%
Yttrium	89-2				89		%
Zinc	66-2	1.69	1.56	1.71	1.65	4.99	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-14	Instrumnet Name :	P8
Client Sample ID :	MDAN95	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:03:43	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.86	0.73	0.79	0.79	7.92	ppb
Zirconium	91-1	0.47	0.58	0.62	0.56	14.52	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-15	Instrumnet Name :	P8
Client Sample ID :	MDAN96	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:07:04	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	743.34	796.15	763.68	767.73	3.47	ppb
Antimony	121-1	0.07	0.09	0.13	0.10	31.11	ppb
Arsenic	75-1	-0.06	0.25	0.48	0.22	120.86	ppb
Barium	135-1	14.11	14.95	14.03	14.36	3.55	ppb
Barium	137-1	14.36	14.61	14.20	14.39	1.43	ppb
Beryllium	9-1	-0.06	0.04	-0.01	-0.01		ppb
Bismuth	209-1				114		%
Bismuth	209-2				101		%
Boron	10-1	-0.52	-0.25	0.30	-0.16		ppb
Boron	11-1	0.06	-0.09	-0.02	-0.02		ppb
Cadmium	111-1	0.07	0.00	0.10	0.06	87.43	ppb
Cadmium	106-1	-0.84	-1.56	0.46	-0.65		ppb
Cadmium	108-1	0.09	0.15	0.53	0.26	92.74	ppb
Calcium	43-1	1659.32	1800.04	1609.62	1689.66	5.85	ppb
Calcium	44-1	1642.78	1770.84	1661.26	1691.63	4.09	ppb
Chromium	52-2	4.49	4.43	4.32	4.41	1.90	ppb
Cobalt	59-2	0.09	0.11	0.09	0.10	13.42	ppb
Copper	63-2	5.83	5.76	5.72	5.77	0.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				98		%
Indium	115-1				100		%
Indium	115-2				90		%
Iron	56-2	590.96	614.46	589.37	598.26	2.35	ppb
Iron	57-2	560.95	611.11	569.53	580.53	4.62	ppb
Krypton	83-1						cps
Lead	206-1	25.57	27.45	25.60	26.20	4.11	ppb
Lead	207-1	22.08	24.13	22.32	22.84	4.92	ppb
Lead	208-1	23.68	25.46	23.80	24.32	4.10	ppb
Lithium	6-1				97		%
Magnesium	24-2	131.23	133.07	134.76	133.02	1.33	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-15	Instrumnet Name :	P8
Client Sample ID :	MDAN96	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:07:04	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.10	8.18	6.61	7.30	11.03	ppb
Molybdenum	94-1	1.90	0.44	0.44	0.93	90.80	ppb
Molybdenum	95-1	-0.02	-0.01	0.00	-0.01		ppb
Molybdenum	96-1	0.07	0.11	0.05	0.08	41.91	ppb
Molybdenum	97-1	-0.02	0.06	0.00	0.01	346.85	ppb
Molybdenum	98-1	0.01	0.05	0.05	0.04	68.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.31	1.87	0.80	1.33	40.35	ppb
Phosphorus	31-2	68.00	293.48	545.68	302.39	79.03	ppb
Potassium	39-2	-25.29	-1.00	13.47	-4.27		ppb
Rhodium	103-1				96		%
Rhodium	103-2				95		%
Scandium	45-1				88		%
Scandium	45-2				85		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.55	-0.55	1.32	0.07	1456.04	ppb
Selenium	82-1	-0.07	-0.40	-1.24	-0.57		ppb
Silicon	28-1	634.27	407.67	317.19	453.04	36.05	ppb
Silver	109-1	0.07	0.06	0.05	0.06	13.99	ppb
Silver	107-1	0.05	0.06	0.05	0.05	14.78	ppb
Sodium	23-2	16.23	37.12	34.06	29.14	38.72	ppb
Strontium	86-1	21.82	22.44	21.86	22.04	1.59	ppb
Strontium	88-1	22.11	24.00	22.62	22.91	4.26	ppb
Sulfur	34-1	-1497.98	-759.31	-1281.57	-1179.62		ppb
Terbium	159-1				107		%
Terbium	159-2				97		%
Thallium	203-1	-0.01	0.00	-0.02	-0.01		ppb
Thallium	205-1	-0.01	0.00	-0.01	-0.01		ppb
Tin	118-1	0.32	0.35	0.34	0.34	5.45	ppb
Titanium	47-1	60.78	17.63	18.44	32.28	76.45	ppb
Uranium	238-1	0.10	0.11	0.10	0.10	4.47	ppb
Vanadium	51-2	2.06	1.97	2.34	2.12	9.25	ppb
Yttrium	89-1				96		%
Yttrium	89-2				88		%
Zinc	66-2	18.75	20.72	18.94	19.47	5.59	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-15	Instrumnet Name :	P8
Client Sample ID :	MDAN96	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:07:04	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.24	0.31	0.37	0.31	21.32	ppb
Zirconium	91-1	0.27	0.33	0.28	0.29	11.00	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-16	Instrumnet Name :	P8
Client Sample ID :	MDAN97	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:10:25	DataFile Name :	065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3599.38	3430.16	3489.89	3506.47	2.45	ppb
Antimony	121-1	0.04	0.08	0.07	0.07	34.44	ppb
Arsenic	75-1	1.37	0.64	0.95	0.99	37.28	ppb
Barium	135-1	56.69	58.24	57.96	57.63	1.43	ppb
Barium	137-1	56.85	57.60	57.83	57.43	0.89	ppb
Beryllium	9-1	0.03	0.00	0.05	0.03	95.03	ppb
Bismuth	209-1				120		%
Bismuth	209-2				104		%
Boron	10-1	-0.55	-0.24	0.06	-0.24		ppb
Boron	11-1	0.01	0.28	0.01	0.10	160.31	ppb
Cadmium	111-1	0.17	0.06	0.06	0.10	62.35	ppb
Cadmium	106-1	-0.37	-0.99	-1.17	-0.84		ppb
Cadmium	108-1	0.03	0.18	0.28	0.16	74.67	ppb
Calcium	43-1	1677.45	1719.32	1809.96	1735.58	3.90	ppb
Calcium	44-1	1717.00	1700.84	1769.21	1729.02	2.07	ppb
Chromium	52-2	5.25	4.89	4.87	5.00	4.28	ppb
Cobalt	59-2	0.13	0.13	0.10	0.12	13.59	ppb
Copper	63-2	11.34	10.69	10.43	10.82	4.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				101		%
Indium	115-1				105		%
Indium	115-2				91		%
Iron	56-2	1383.63	1382.96	1359.06	1375.21	1.02	ppb
Iron	57-2	1365.38	1331.54	1356.00	1350.97	1.29	ppb
Krypton	83-1						cps
Lead	206-1	7.82	8.40	8.33	8.18	3.86	ppb
Lead	207-1	7.34	7.51	7.41	7.42	1.13	ppb
Lead	208-1	7.78	7.87	7.98	7.88	1.31	ppb
Lithium	6-1				101		%
Magnesium	24-2	64.98	67.69	59.83	64.17	6.22	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-16	Instrumnet Name :	P8
Client Sample ID :	MDAN97	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:10:25	DataFile Name :	065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	52.42	50.98	52.72	52.04	1.79	ppb
Molybdenum	94-1	0.64	0.60	0.80	0.68	15.85	ppb
Molybdenum	95-1	-0.01	0.02	0.06	0.02	135.69	ppb
Molybdenum	96-1	0.06	0.20	0.13	0.13	51.75	ppb
Molybdenum	97-1	0.00	0.07	0.03	0.03	114.44	ppb
Molybdenum	98-1	0.02	0.02	0.03	0.02	23.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.09	0.79	0.88	0.92	16.67	ppb
Phosphorus	31-2	770.42	767.33	1383.86	973.87	36.46	ppb
Potassium	39-2	26.21	3.81	18.85	16.29	70.07	ppb
Rhodium	103-1				101		%
Rhodium	103-2				98		%
Scandium	45-1				93		%
Scandium	45-2				86		%
Selenium	77-2	21.82	0.00	0.00	7.27	173.21	ppb
Selenium	78-2	-0.55	1.29	-0.55	0.07	1618.21	ppb
Selenium	82-1	0.08	0.49	-0.37	0.07	623.10	ppb
Silicon	28-1	1195.11	1488.99	1223.63	1302.58	12.44	ppb
Silver	109-1	0.05	0.04	0.05	0.05	13.00	ppb
Silver	107-1	0.05	0.06	0.06	0.06	11.03	ppb
Sodium	23-2	33.84	29.91	17.70	27.15	30.99	ppb
Strontium	86-1	29.86	29.97	31.93	30.59	3.80	ppb
Strontium	88-1	32.03	30.65	31.43	31.37	2.21	ppb
Sulfur	34-1	-1513.15	-1547.84	-1461.99	-1507.66		ppb
Terbium	159-1				112		%
Terbium	159-2				101		%
Thallium	203-1	-0.01	0.01	0.00	0.00	322.31	ppb
Thallium	205-1	-0.01	-0.01	0.00	-0.01		ppb
Tin	118-1	1.42	1.45	1.36	1.41	3.04	ppb
Titanium	47-1	33.73	65.61	17.87	39.07	62.22	ppb
Uranium	238-1	0.45	0.32	0.36	0.38	16.65	ppb
Vanadium	51-2	5.14	5.20	5.64	5.33	5.11	ppb
Yttrium	89-1				100		%
Yttrium	89-2				90		%
Zinc	66-2	53.95	49.98	47.38	50.44	6.56	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-16	Instrumnet Name :	P8
Client Sample ID :	MDAN97	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:10:25	DataFile Name :	065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.65	0.45	0.49	0.53	19.48	ppb
Zirconium	91-1	0.90	0.51	0.46	0.62	38.29	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-17	Instrumnet Name :	P8
Client Sample ID :	MDAN98	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:13:46	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3300.38	3448.39	3115.48	3288.08	5.07	ppb
Antimony	121-1	0.26	0.27	0.27	0.27	3.04	ppb
Arsenic	75-1	1.42	1.51	0.95	1.29	23.25	ppb
Barium	135-1	42.47	44.46	43.51	43.48	2.29	ppb
Barium	137-1	44.05	44.41	43.73	44.06	0.77	ppb
Beryllium	9-1	0.00	0.05	-0.02	0.01	346.89	ppb
Bismuth	209-1				119		%
Bismuth	209-2				104		%
Boron	10-1	-0.16	0.58	0.17	0.20	189.42	ppb
Boron	11-1	-0.01	-0.15	0.10	-0.02		ppb
Cadmium	111-1	0.53	0.39	0.45	0.46	16.11	ppb
Cadmium	106-1	1.28	-1.39	-0.85	-0.32		ppb
Cadmium	108-1	0.60	0.42	0.80	0.61	31.21	ppb
Calcium	43-1	7753.36	7883.62	7796.14	7811.04	0.85	ppb
Calcium	44-1	7816.29	7826.37	7900.89	7847.85	0.59	ppb
Chromium	52-2	7.34	6.91	6.89	7.05	3.56	ppb
Cobalt	59-2	0.34	0.47	0.51	0.44	19.18	ppb
Copper	63-2	16.84	16.00	16.20	16.35	2.71	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				114		%
Holmium	165-2				100		%
Indium	115-1				106		%
Indium	115-2				92		%
Iron	56-2	1950.03	1863.54	1886.35	1899.97	2.36	ppb
Iron	57-2	1925.21	1869.28	1773.00	1855.83	4.15	ppb
Krypton	83-1						cps
Lead	206-1	113.39	118.67	116.86	116.31	2.31	ppb
Lead	207-1	105.18	108.32	107.23	106.91	1.49	ppb
Lead	208-1	109.51	113.57	111.99	111.69	1.83	ppb
Lithium	6-1				100		%
Magnesium	24-2	185.61	190.29	165.08	180.33	7.44	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-17	Instrumnet Name :	P8
Client Sample ID :	MDAN98	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:13:46	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	32.81	31.21	31.78	31.93	2.54	ppb
Molybdenum	94-1	1.20	1.50	1.66	1.45	15.99	ppb
Molybdenum	95-1	0.07	0.08	0.08	0.08	6.47	ppb
Molybdenum	96-1	0.23	0.26	0.24	0.24	7.67	ppb
Molybdenum	97-1	0.08	0.12	0.14	0.11	25.88	ppb
Molybdenum	98-1	0.09	0.11	0.11	0.10	11.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.85	2.12	2.65	2.20	18.41	ppb
Phosphorus	31-2	1672.89	1538.86	1721.96	1644.57	5.76	ppb
Potassium	39-2	-7.32	50.92	25.93	23.18	126.07	ppb
Rhodium	103-1				101		%
Rhodium	103-2				97		%
Scandium	45-1				92		%
Scandium	45-2				85		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.55	3.13	3.11	1.90	111.66	ppb
Selenium	82-1	-0.17	-0.24	0.38	-0.01		ppb
Silicon	28-1	953.02	768.89	691.56	804.49	16.70	ppb
Silver	109-1	0.19	0.18	0.22	0.19	10.40	ppb
Silver	107-1	0.19	0.21	0.21	0.20	6.83	ppb
Sodium	23-2	49.29	57.90	49.37	52.19	9.48	ppb
Strontium	86-1	29.21	29.33	29.43	29.32	0.37	ppb
Strontium	88-1	29.10	29.83	29.92	29.62	1.51	ppb
Sulfur	34-1	-1468.63	-1309.48	-1330.39	-1369.50		ppb
Terbium	159-1				112		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.01	0.00	271.04	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	24.54	ppb
Tin	118-1	2.72	2.74	2.82	2.76	2.03	ppb
Titanium	47-1	22.41	23.83	39.59	28.61	33.32	ppb
Uranium	238-1	0.30	0.29	0.31	0.30	3.23	ppb
Vanadium	51-2	5.98	4.95	5.58	5.50	9.46	ppb
Yttrium	89-1				100		%
Yttrium	89-2				90		%
Zinc	66-2	159.08	161.08	159.96	160.04	0.63	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-17	Instrumnet Name :	P8
Client Sample ID :	MDAN98	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:13:46	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.94	0.90	0.86	0.90	4.72	ppb
Zirconium	91-1	3.40	0.97	0.88	1.75	81.53	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-18	Instrumnet Name :	P8
Client Sample ID :	MDAN99	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:17:07	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1959.23	1855.99	1999.20	1938.14	3.81	ppb
Antimony	121-1	0.61	0.73	0.58	0.64	12.24	ppb
Arsenic	75-1	1.43	2.14	1.82	1.80	19.57	ppb
Barium	135-1	185.58	193.32	192.31	190.40	2.21	ppb
Barium	137-1	184.60	191.05	190.00	188.55	1.83	ppb
Beryllium	9-1	-0.03	-0.02	-0.02	-0.02		ppb
Bismuth	209-1				120		%
Bismuth	209-2				102		%
Boron	10-1	0.06	-0.13	1.78	0.57	184.11	ppb
Boron	11-1	-0.33	-0.11	-0.37	-0.27		ppb
Cadmium	111-1	0.85	0.99	0.88	0.90	8.17	ppb
Cadmium	106-1	-0.16	0.14	0.16	0.05	385.82	ppb
Cadmium	108-1	0.88	1.06	0.90	0.95	10.15	ppb
Calcium	43-1	1596.37	1780.11	1634.36	1670.28	5.81	ppb
Calcium	44-1	1646.58	1702.33	1685.47	1678.12	1.70	ppb
Chromium	52-2	8.22	8.83	9.23	8.76	5.82	ppb
Cobalt	59-2	0.57	0.55	0.54	0.55	2.87	ppb
Copper	63-2	63.09	63.58	60.88	62.52	2.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				98		%
Indium	115-1				106		%
Indium	115-2				89		%
Iron	56-2	1892.40	1971.69	1836.82	1900.31	3.57	ppb
Iron	57-2	1812.20	1894.19	1803.75	1836.71	2.72	ppb
Krypton	83-1						cps
Lead	206-1	455.99	466.01	457.17	459.73	1.19	ppb
Lead	207-1	391.65	405.40	402.54	399.86	1.81	ppb
Lead	208-1	425.21	438.50	430.41	431.37	1.55	ppb
Lithium	6-1				100		%
Magnesium	24-2	175.45	177.81	176.48	176.58	0.67	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-18	Instrumnet Name :	P8
Client Sample ID :	MDAN99	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:17:07	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	45.48	47.92	43.92	45.77	4.40	ppb
Molybdenum	94-1	1.83	0.65	0.72	1.07	61.85	ppb
Molybdenum	95-1	0.08	0.09	0.09	0.09	10.39	ppb
Molybdenum	96-1	0.13	0.17	0.14	0.15	14.65	ppb
Molybdenum	97-1	0.12	0.11	0.06	0.10	31.60	ppb
Molybdenum	98-1	0.08	0.13	0.12	0.11	24.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.97	3.74	3.86	3.86	3.02	ppb
Phosphorus	31-2	819.97	746.42	754.74	773.71	5.21	ppb
Potassium	39-2	32.47	3.19	8.00	14.55	107.89	ppb
Rhodium	103-1				101		%
Rhodium	103-2				95		%
Scandium	45-1				92		%
Scandium	45-2				85		%
Selenium	77-2	0.00	11.31	0.00	3.77	173.21	ppb
Selenium	78-2	-0.55	1.36	-0.55	0.09	1274.85	ppb
Selenium	82-1	0.17	0.24	-0.52	-0.04		ppb
Silicon	28-1	513.56	967.62	524.61	668.60	38.74	ppb
Silver	109-1	0.17	0.20	0.20	0.19	6.72	ppb
Silver	107-1	0.17	0.21	0.21	0.20	12.73	ppb
Sodium	23-2	25.91	38.68	27.07	30.55	23.11	ppb
Strontium	86-1	16.41	17.98	17.04	17.15	4.60	ppb
Strontium	88-1	17.06	17.20	17.12	17.13	0.43	ppb
Sulfur	34-1	-1403.26	-1350.07	-1368.02	-1373.78		ppb
Terbium	159-1				111		%
Terbium	159-2				98		%
Thallium	203-1	0.00	0.00	-0.02	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	5.44	5.55	5.27	5.42	2.59	ppb
Titanium	47-1	39.49	36.77	51.61	42.62	18.53	ppb
Uranium	238-1	0.21	0.20	0.19	0.20	4.99	ppb
Vanadium	51-2	4.71	4.95	4.66	4.77	3.17	ppb
Yttrium	89-1				101		%
Yttrium	89-2				88		%
Zinc	66-2	338.87	339.57	313.41	330.62	4.51	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-18	Instrumnet Name :	P8
Client Sample ID :	MDAN99	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:17:07	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.45	0.39	0.48	0.44	11.16	ppb
Zirconium	91-1	0.54	0.44	0.58	0.52	13.93	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-19	Instrumnet Name :	P8
Client Sample ID :	MDANA0	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:20:28	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2924.35	2780.55	2754.20	2819.70	3.25	ppb
Antimony	121-1	2.07	2.01	2.07	2.05	1.83	ppb
Arsenic	75-1	3.20	2.81	2.42	2.81	13.89	ppb
Barium	135-1	139.43	142.81	140.24	140.82	1.26	ppb
Barium	137-1	138.55	144.08	140.56	141.07	1.98	ppb
Beryllium	9-1	0.11	0.04	0.06	0.07	57.09	ppb
Bismuth	209-1				121		%
Bismuth	209-2				104		%
Boron	10-1	1.12	0.60	0.66	0.80	35.53	ppb
Boron	11-1	0.97	1.01	0.63	0.87	24.29	ppb
Cadmium	111-1	1.35	1.60	1.44	1.46	8.63	ppb
Cadmium	106-1	0.01	0.82	-0.22	0.20	271.17	ppb
Cadmium	108-1	1.69	2.06	1.88	1.88	9.98	ppb
Calcium	43-1	6294.59	6520.72	6229.49	6348.27	2.41	ppb
Calcium	44-1	6193.75	6340.12	6162.15	6232.00	1.52	ppb
Chromium	52-2	9.99	9.16	9.50	9.55	4.36	ppb
Cobalt	59-2	0.77	0.87	0.70	0.78	11.15	ppb
Copper	63-2	41.99	41.29	41.43	41.57	0.89	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				100		%
Indium	115-1				106		%
Indium	115-2				91		%
Iron	56-2	3649.31	3565.32	3592.34	3602.32	1.19	ppb
Iron	57-2	3542.13	3630.97	3614.38	3595.83	1.31	ppb
Krypton	83-1						cps
Lead	206-1	266.93	273.06	268.28	269.43	1.20	ppb
Lead	207-1	238.89	245.57	242.37	242.28	1.38	ppb
Lead	208-1	253.21	264.53	257.47	258.40	2.21	ppb
Lithium	6-1				100		%
Magnesium	24-2	208.68	218.10	200.74	209.17	4.16	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-19	Instrumnet Name :	P8
Client Sample ID :	MDANA0	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:20:28	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	74.83	70.16	72.00	72.33	3.26	ppb
Molybdenum	94-1	2.04	2.54	2.20	2.26	11.18	ppb
Molybdenum	95-1	0.19	0.19	0.19	0.19	0.78	ppb
Molybdenum	96-1	0.48	0.44	0.48	0.46	4.82	ppb
Molybdenum	97-1	0.28	0.21	0.19	0.23	20.44	ppb
Molybdenum	98-1	0.25	0.25	0.25	0.25	0.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.87	6.24	5.86	6.32	8.10	ppb
Phosphorus	31-2	1080.70	1317.95	1773.22	1390.62	25.31	ppb
Potassium	39-2	35.33	21.70	46.04	34.35	35.51	ppb
Rhodium	103-1				101		%
Rhodium	103-2				96		%
Scandium	45-1				92		%
Scandium	45-2				86		%
Selenium	77-2	10.84	10.75	10.92	10.84	0.81	ppb
Selenium	78-2	4.94	-0.55	-0.55	1.28	247.45	ppb
Selenium	82-1	0.64	-0.21	-0.32	0.04	1360.80	ppb
Silicon	28-1	570.38	577.10	742.15	629.88	15.45	ppb
Silver	109-1	0.39	0.38	0.38	0.38	1.29	ppb
Silver	107-1	0.38	0.37	0.39	0.38	2.34	ppb
Sodium	23-2	78.99	71.36	72.29	74.22	5.61	ppb
Strontium	86-1	34.31	34.66	34.42	34.47	0.52	ppb
Strontium	88-1	35.66	35.50	35.76	35.64	0.36	ppb
Sulfur	34-1	-1273.71	-1047.86	-1368.82	-1230.13		ppb
Terbium	159-1				112		%
Terbium	159-2				101		%
Thallium	203-1	0.00	0.01	0.01	0.01	25.04	ppb
Thallium	205-1	-0.01	0.02	0.02	0.01	135.70	ppb
Tin	118-1	13.08	13.15	13.14	13.12	0.30	ppb
Titanium	47-1	29.08	30.18	29.41	29.56	1.92	ppb
Uranium	238-1	0.35	0.35	0.31	0.34	7.40	ppb
Vanadium	51-2	6.98	7.16	7.05	7.06	1.32	ppb
Yttrium	89-1				101		%
Yttrium	89-2				90		%
Zinc	66-2	395.15	395.18	399.77	396.70	0.67	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-19	Instrumnet Name :	P8
Client Sample ID :	MDANA0	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:20:28	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.31	1.33	1.26	1.30	2.60	ppb
Zirconium	91-1	1.33	1.17	1.46	1.32	10.93	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-20	Instrumnet Name :	P8
Client Sample ID :	MDANA1	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:23:48	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1598.74	1686.74	1698.61	1661.36	3.28	ppb
Antimony	121-1	0.95	0.98	0.96	0.96	1.53	ppb
Arsenic	75-1	1.71	1.64	1.41	1.58	9.97	ppb
Barium	135-1	124.93	124.46	124.17	124.52	0.31	ppb
Barium	137-1	121.59	124.15	125.29	123.68	1.53	ppb
Beryllium	9-1	-0.04	-0.02	-0.02	-0.03		ppb
Bismuth	209-1				120		%
Bismuth	209-2				104		%
Boron	10-1	-0.34	-0.54	-0.44	-0.44		ppb
Boron	11-1	-0.01	-0.11	0.30	0.06	357.79	ppb
Cadmium	111-1	1.32	1.27	1.21	1.26	4.59	ppb
Cadmium	106-1	0.69	0.14	-0.33	0.17	301.59	ppb
Cadmium	108-1	1.31	1.19	1.39	1.29	7.80	ppb
Calcium	43-1	1627.35	1671.52	1645.31	1648.06	1.35	ppb
Calcium	44-1	1621.90	1658.46	1625.17	1635.18	1.24	ppb
Chromium	52-2	10.13	8.35	9.70	9.39	9.92	ppb
Cobalt	59-2	0.73	0.77	0.80	0.77	4.89	ppb
Copper	63-2	52.40	52.18	53.94	52.84	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				114		%
Holmium	165-2				100		%
Indium	115-1				105		%
Indium	115-2				91		%
Iron	56-2	2264.34	2197.57	2267.85	2243.26	1.77	ppb
Iron	57-2	2272.10	2185.65	2317.53	2258.43	2.97	ppb
Krypton	83-1						cps
Lead	206-1	298.85	304.10	295.30	299.42	1.48	ppb
Lead	207-1	267.03	268.19	261.92	265.71	1.26	ppb
Lead	208-1	286.43	288.76	280.97	285.39	1.40	ppb
Lithium	6-1				100		%
Magnesium	24-2	133.45	138.36	154.23	142.01	7.65	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-20	Instrumnet Name :	P8
Client Sample ID :	MDANA1	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:23:48	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	52.57	51.66	57.27	53.83	5.59	ppb
Molybdenum	94-1	1.36	0.91	0.89	1.05	25.21	ppb
Molybdenum	95-1	0.10	0.13	0.12	0.12	9.55	ppb
Molybdenum	96-1	0.20	0.21	2.53	0.98	136.87	ppb
Molybdenum	97-1	0.11	0.16	0.13	0.13	17.59	ppb
Molybdenum	98-1	0.11	0.10	0.17	0.13	28.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.61	2.82	3.52	2.98	15.93	ppb
Phosphorus	31-2	758.74	952.04	901.63	870.80	11.51	ppb
Potassium	39-2	22.01	4.72	-14.80	3.98	463.05	ppb
Rhodium	103-1				101		%
Rhodium	103-2				97		%
Scandium	45-1				92		%
Scandium	45-2				87		%
Selenium	77-2	10.89	0.00	0.00	3.63	173.21	ppb
Selenium	78-2	-0.55	1.25	3.15	1.28	143.88	ppb
Selenium	82-1	0.39	0.15	-0.88	-0.11		ppb
Silicon	28-1	538.16	464.20	577.44	526.60	10.92	ppb
Silver	109-1	0.17	0.17	0.17	0.17	2.22	ppb
Silver	107-1	0.16	0.21	0.21	0.19	12.39	ppb
Sodium	23-2	25.83	27.78	33.81	29.14	14.27	ppb
Strontium	86-1	13.12	13.20	13.02	13.11	0.70	ppb
Strontium	88-1	13.11	13.63	13.22	13.32	2.08	ppb
Sulfur	34-1	-1344.08	-1203.34	-1259.85	-1269.09		ppb
Terbium	159-1				112		%
Terbium	159-2				100		%
Thallium	203-1	-0.02	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.02	-0.01		ppb
Tin	118-1	2.96	3.07	2.90	2.98	3.01	ppb
Titanium	47-1	117.05	36.39	37.77	63.74	72.45	ppb
Uranium	238-1	0.20	0.22	0.19	0.20	8.50	ppb
Vanadium	51-2	5.08	5.23	5.62	5.31	5.26	ppb
Yttrium	89-1				101		%
Yttrium	89-2				90		%
Zinc	66-2	337.27	337.96	333.94	336.39	0.64	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-20	Instrumnet Name :	P8
Client Sample ID :	MDANA1	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:23:48	DataFile Name :	069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.22	0.87	0.49	0.86	42.07	ppb
Zirconium	91-1	0.70	0.59	0.61	0.63	8.92	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-01	Instrumnet Name :	P8
Client Sample ID :	MDAND4	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:27:10	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1797.52	1731.07	1837.46	1788.68	3.00	ppb
Antimony	121-1	0.08	0.12	0.10	0.10	22.00	ppb
Arsenic	75-1	0.62	0.89	1.17	0.89	30.62	ppb
Barium	135-1	11.00	11.15	10.75	10.97	1.85	ppb
Barium	137-1	11.25	11.22	10.53	11.00	3.70	ppb
Beryllium	9-1	-0.04	0.02	0.01	0.00		ppb
Bismuth	209-1				119		%
Bismuth	209-2				103		%
Boron	10-1	-0.54	-0.65	-0.75	-0.64		ppb
Boron	11-1	-0.56	-0.50	-0.80	-0.62		ppb
Cadmium	111-1	0.09	0.14	0.14	0.12	23.97	ppb
Cadmium	106-1	-0.41	-0.42	-0.65	-0.49		ppb
Cadmium	108-1	0.53	0.09	0.27	0.30	74.93	ppb
Calcium	43-1	957.96	935.94	966.07	953.32	1.64	ppb
Calcium	44-1	950.33	956.63	953.86	953.61	0.33	ppb
Chromium	52-2	4.24	4.14	4.26	4.21	1.53	ppb
Cobalt	59-2	0.30	0.19	0.26	0.25	21.53	ppb
Copper	63-2	6.82	6.65	7.53	7.00	6.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				99		%
Indium	115-1				105		%
Indium	115-2				91		%
Iron	56-2	1276.67	1307.30	1368.85	1317.61	3.56	ppb
Iron	57-2	1263.54	1365.55	1400.42	1343.17	5.30	ppb
Krypton	83-1						cps
Lead	206-1	36.36	36.70	36.08	36.38	0.86	ppb
Lead	207-1	34.19	34.41	33.60	34.07	1.24	ppb
Lead	208-1	35.34	35.41	34.83	35.19	0.90	ppb
Lithium	6-1				101		%
Magnesium	24-2	103.25	125.06	117.05	115.12	9.58	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-01	Instrumnet Name :	P8
Client Sample ID :	MDAND4	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:27:10	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	21.34	22.14	23.15	22.21	4.07	ppb
Molybdenum	94-1	1.76	2.01	1.86	1.88	6.64	ppb
Molybdenum	95-1	0.14	0.15	0.17	0.15	8.20	ppb
Molybdenum	96-1	0.44	0.37	0.32	0.38	15.20	ppb
Molybdenum	97-1	0.12	0.10	0.13	0.12	14.56	ppb
Molybdenum	98-1	0.17	0.12	0.19	0.16	21.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.63	0.81	0.82	0.75	13.89	ppb
Phosphorus	31-2	151.67	243.98	72.86	156.17	54.84	ppb
Potassium	39-2	-25.36	-6.64	7.11	-8.30		ppb
Rhodium	103-1				101		%
Rhodium	103-2				98		%
Scandium	45-1				92		%
Scandium	45-2				85		%
Selenium	77-2	0.00	0.00	11.04	3.68	173.21	ppb
Selenium	78-2	-0.55	3.12	5.04	2.54	111.87	ppb
Selenium	82-1	-0.16	-0.06	0.56	0.11	339.07	ppb
Silicon	28-1	785.64	607.61	539.76	644.34	19.71	ppb
Silver	109-1	0.07	0.06	0.06	0.06	4.73	ppb
Silver	107-1	0.08	0.09	0.05	0.07	24.78	ppb
Sodium	23-2	17.07	19.28	13.46	16.60	17.68	ppb
Strontium	86-1	24.18	24.22	24.24	24.21	0.13	ppb
Strontium	88-1	25.52	25.17	24.67	25.12	1.69	ppb
Sulfur	34-1	-1300.34	-1252.65	-1269.32	-1274.11		ppb
Terbium	159-1				111		%
Terbium	159-2				99		%
Thallium	203-1	0.00	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.02	-0.02	-0.01		ppb
Tin	118-1	2.74	2.86	2.76	2.79	2.31	ppb
Titanium	47-1	31.04	28.26	31.90	30.40	6.26	ppb
Uranium	238-1	0.17	0.19	0.17	0.18	6.78	ppb
Vanadium	51-2	4.73	5.03	5.26	5.01	5.31	ppb
Yttrium	89-1				100		%
Yttrium	89-2				90		%
Zinc	66-2	61.69	62.84	63.77	62.77	1.66	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-01	Instrumnet Name :	P8
Client Sample ID :	MDAND4	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:27:10	DataFile Name :	070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.09	1.09	1.01	1.06	4.15	ppb
Zirconium	91-1	0.94	1.10	1.16	1.07	10.57	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-02	Instrumnet Name :	P8
Client Sample ID :	MDAND5	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:30:32	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1682.12	1653.91	1676.88	1670.97	0.90	ppb
Antimony	121-1	-0.01	-0.02	-0.01	-0.01		ppb
Arsenic	75-1	0.52	0.63	0.80	0.65	22.05	ppb
Barium	135-1	8.79	8.83	8.69	8.77	0.82	ppb
Barium	137-1	9.28	8.62	9.10	9.00	3.77	ppb
Beryllium	9-1	-0.08	-0.08	-0.03	-0.07		ppb
Bismuth	209-1				117		%
Bismuth	209-2				102		%
Boron	10-1	-0.82	-0.84	-0.53	-0.73		ppb
Boron	11-1	-0.82	-0.71	-0.83	-0.79		ppb
Cadmium	111-1	-0.09	-0.07	-0.06	-0.07		ppb
Cadmium	106-1	-1.56	-1.42	-1.33	-1.43		ppb
Cadmium	108-1	0.04	-0.06	0.28	0.09	195.68	ppb
Calcium	43-1	1837.93	1706.28	1762.31	1768.84	3.73	ppb
Calcium	44-1	1787.92	1727.30	1711.07	1742.09	2.33	ppb
Chromium	52-2	9.69	19.07	9.15	12.64	44.12	ppb
Cobalt	59-2	0.12	0.07	0.07	0.09	32.07	ppb
Copper	63-2	1.67	1.62	1.57	1.62	3.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				98		%
Indium	115-1				103		%
Indium	115-2				89		%
Iron	56-2	194.51	189.56	191.59	191.89	1.30	ppb
Iron	57-2	172.09	183.23	225.93	193.75	14.67	ppb
Krypton	83-1						cps
Lead	206-1	6.71	6.40	6.39	6.50	2.86	ppb
Lead	207-1	5.83	5.90	5.93	5.89	0.89	ppb
Lead	208-1	6.26	6.15	6.13	6.18	1.13	ppb
Lithium	6-1				99		%
Magnesium	24-2	91.13	70.68	98.82	86.88	16.74	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-02	Instrumnet Name :	P8
Client Sample ID :	MDAND5	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:30:32	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.38	1.38	1.60	1.45	8.72	ppb
Molybdenum	94-1	0.51	0.91	0.50	0.64	36.63	ppb
Molybdenum	95-1	0.06	0.10	0.08	0.08	20.67	ppb
Molybdenum	96-1	0.36	0.11	0.18	0.22	60.19	ppb
Molybdenum	97-1	0.06	0.03	0.11	0.07	64.93	ppb
Molybdenum	98-1	0.18	0.05	0.08	0.10	62.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.00	3.28	3.12	3.13	4.41	ppb
Phosphorus	31-2	70.47	-18.47	71.79	41.26	125.38	ppb
Potassium	39-2	-3.83	3.11	23.55	7.61	187.14	ppb
Rhodium	103-1				99		%
Rhodium	103-2				95		%
Scandium	45-1				90		%
Scandium	45-2				83		%
Selenium	77-2	22.14	11.28	0.00	11.14	99.39	ppb
Selenium	78-2	1.31	3.25	-0.55	1.34	141.95	ppb
Selenium	82-1	0.31	0.56	-0.48	0.13	422.78	ppb
Silicon	28-1	538.03	873.28	640.65	683.99	25.11	ppb
Silver	109-1	0.02	0.04	0.04	0.03	25.51	ppb
Silver	107-1	0.03	0.04	0.03	0.04	12.45	ppb
Sodium	23-2	10.51	28.11	29.64	22.75	46.74	ppb
Strontium	86-1	29.82	29.42	29.85	29.70	0.80	ppb
Strontium	88-1	30.48	30.27	30.00	30.25	0.79	ppb
Sulfur	34-1	-1070.03	-1316.42	-1333.49	-1239.98		ppb
Terbium	159-1				109		%
Terbium	159-2				98		%
Thallium	203-1	-0.01	-0.01	0.00	-0.01		ppb
Thallium	205-1	-0.02	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.15	0.21	0.20	0.19	16.06	ppb
Titanium	47-1	23.78	24.83	46.79	31.80	40.85	ppb
Uranium	238-1	0.17	0.17	0.16	0.17	3.38	ppb
Vanadium	51-2	2.62	2.26	2.69	2.52	9.25	ppb
Yttrium	89-1				98		%
Yttrium	89-2				88		%
Zinc	66-2	6.39	5.59	5.59	5.86	7.92	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-02	Instrumnet Name :	P8
Client Sample ID :	MDAND5	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:30:32	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.34	0.32	0.39	0.35	10.19	ppb
Zirconium	91-1	0.47	0.43	0.57	0.49	14.05	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	CCV014	Instrumnet Name :	P8
Client Sample ID :	CCV014	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:33:54	DataFile Name :	072CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48781.64	49321.76	49142.13	49081.84	0.56	ppb
Antimony	121-1	473.12	477.82	469.55	473.50	0.88	ppb
Arsenic	75-1	493.05	491.57	492.28	492.30	0.15	ppb
Barium	135-1	2450.89	2450.79	2420.90	2440.86	0.71	ppb
Barium	137-1	2400.68	2430.85	2414.43	2415.32	0.63	ppb
Beryllium	9-1	492.96	474.08	494.68	487.24	2.35	ppb
Bismuth	209-1				111		%
Bismuth	209-2				97		%
Boron	10-1	464.63	445.43	468.71	459.59	2.71	ppb
Boron	11-1	454.89	458.59	478.27	463.92	2.71	ppb
Cadmium	111-1	465.05	465.38	460.55	463.66	0.58	ppb
Cadmium	106-1	460.41	467.70	458.04	462.05	1.09	ppb
Cadmium	108-1	460.69	465.56	464.63	463.63	0.56	ppb
Calcium	43-1	242472.44	240094.57	242644.89	241737.30	0.59	ppb
Calcium	44-1	239749.58	238221.49	238673.86	238881.64	0.33	ppb
Chromium	52-2	503.05	501.73	509.55	504.78	0.83	ppb
Cobalt	59-2	496.60	492.61	497.45	495.55	0.52	ppb
Copper	63-2	971.92	963.89	973.47	969.76	0.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				99		%
Indium	115-1				100		%
Indium	115-2				89		%
Iron	56-2	128252.11	126582.15	126936.58	127256.95	0.69	ppb
Iron	57-2	125747.09	124316.61	126093.73	125385.81	0.75	ppb
Krypton	83-1						cps
Lead	206-1	499.73	495.03	496.06	496.94	0.50	ppb
Lead	207-1	490.81	500.26	494.75	495.27	0.96	ppb
Lead	208-1	497.30	499.92	498.23	498.48	0.27	ppb
Lithium	6-1				94		%
Magnesium	24-2	249761.64	247133.72	250852.52	249249.29	0.77	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	CCV014	Instrumnet Name :	P8
Client Sample ID :	CCV014	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:33:54	DataFile Name :	072CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	970.11	974.11	988.17	977.46	0.97	ppb
Molybdenum	94-1	2515.12	2494.21	2480.42	2496.58	0.70	ppb
Molybdenum	95-1	2519.08	2504.46	2473.46	2499.00	0.93	ppb
Molybdenum	96-1	2501.04	2491.04	2469.07	2487.05	0.66	ppb
Molybdenum	97-1	2515.26	2522.90	2468.65	2502.27	1.17	ppb
Molybdenum	98-1	2487.01	2492.67	2465.56	2481.75	0.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	507.30	501.43	504.28	504.33	0.58	ppb
Phosphorus	31-2	8896.76	8487.74	8748.15	8710.89	2.38	ppb
Potassium	39-2	119241.09	118374.79	119436.42	119017.43	0.47	ppb
Rhodium	103-1				93		%
Rhodium	103-2				89		%
Scandium	45-1				92		%
Scandium	45-2				87		%
Selenium	77-2	632.34	524.26	517.84	558.15	11.53	ppb
Selenium	78-2	464.50	519.83	431.73	472.02	9.43	ppb
Selenium	82-1	479.13	476.37	490.01	481.84	1.50	ppb
Silicon	28-1	435.66	433.87	441.17	436.90	0.87	ppb
Silver	109-1	474.23	472.64	470.41	472.43	0.41	ppb
Silver	107-1	467.40	469.28	471.06	469.25	0.39	ppb
Sodium	23-2	250295.20	248585.11	248143.80	249008.04	0.46	ppb
Strontium	86-1	495.64	491.78	490.27	492.56	0.56	ppb
Strontium	88-1	507.78	506.71	500.71	505.07	0.75	ppb
Sulfur	34-1	9426.83	9356.53	9370.58	9384.65	0.40	ppb
Terbium	159-1				108		%
Terbium	159-2				99		%
Thallium	203-1	496.76	495.15	503.10	498.34	0.84	ppb
Thallium	205-1	501.31	496.93	499.75	499.33	0.44	ppb
Tin	118-1	480.62	481.92	469.62	477.39	1.42	ppb
Titanium	47-1	2462.31	2462.72	2459.62	2461.55	0.07	ppb
Uranium	238-1	514.80	518.42	510.26	514.49	0.79	ppb
Vanadium	51-2	494.19	486.75	496.00	492.31	1.00	ppb
Yttrium	89-1				98		%
Yttrium	89-2				90		%
Zinc	66-2	990.84	967.97	985.38	981.40	1.22	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	CCV014	Instrumnet Name :	P8
Client Sample ID :	CCV014	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:33:54	DataFile Name :	072CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	500.30	499.17	493.37	497.61	0.75	ppb
Zirconium	91-1	487.52	485.25	484.17	485.65	0.35	ppb

LB Number : LB94183 Operator : Jaswal
 Lab Sample ID : CCB014 Instrumnet Name : P8
 Client Sample ID : CCB014 Dilution Factor : 1
 Date & Time Acquired :: 2018-03-23 20:37:52 DataFile Name : 073CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.83	1.95	-0.83	0.10	1635.29	ppb
Antimony	121-1	0.94	1.03	1.14	1.04	9.74	ppb
Arsenic	75-1	0.10	0.09	0.06	0.08	28.25	ppb
Barium	135-1	0.03	0.08	0.05	0.06	46.63	ppb
Barium	137-1	0.06	0.04	0.06	0.06	25.78	ppb
Beryllium	9-1	0.20	0.13	0.20	0.18	22.98	ppb
Bismuth	209-1				116		%
Bismuth	209-2				105		%
Boron	10-1	10.61	7.62	6.30	8.18	27.02	ppb
Boron	11-1	8.12	7.66	7.17	7.65	6.22	ppb
Cadmium	111-1	0.04	-0.01	0.00	0.01	294.20	ppb
Cadmium	106-1	-0.12	-0.41	-0.51	-0.35		ppb
Cadmium	108-1	-0.11	0.04	-0.01	-0.03		ppb
Calcium	43-1	5.57	9.62	2.03	5.74	66.07	ppb
Calcium	44-1	13.88	13.41	11.80	13.03	8.38	ppb
Chromium	52-2	0.12	0.08	0.08	0.09	23.76	ppb
Cobalt	59-2	0.00	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.09	0.08	0.10	0.09	9.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				102		%
Indium	115-1				105		%
Indium	115-2				95		%
Iron	56-2	5.08	3.92	4.34	4.45	13.16	ppb
Iron	57-2	6.66	7.75	4.25	6.22	28.82	ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.07	0.07	0.07	8.55	ppb
Lead	207-1	0.06	0.08	0.08	0.07	19.45	ppb
Lead	208-1	0.06	0.07	0.07	0.07	6.19	ppb
Lithium	6-1				101		%
Magnesium	24-2	7.53	5.65	-0.64	4.18	102.41	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	CCB014	Instrumnet Name :	P8
Client Sample ID :	CCB014	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:37:52	DataFile Name :	073CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.10	-0.02	0.02	0.03	180.16	ppb
Molybdenum	94-1	0.84	0.82	1.09	0.92	16.19	ppb
Molybdenum	95-1	0.98	1.12	1.36	1.15	16.72	ppb
Molybdenum	96-1	0.87	1.12	1.30	1.10	19.35	ppb
Molybdenum	97-1	0.99	1.20	1.25	1.15	11.69	ppb
Molybdenum	98-1	0.91	1.24	1.46	1.20	23.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-1.05	-1.05	-1.04	-1.05		ppb
Phosphorus	31-2	-18.47	-18.47	-18.47	-18.47		ppb
Potassium	39-2	-16.44	-31.64	14.40	-11.23		ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				96		%
Scandium	45-2				91		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.20	-0.55	-0.55	0.03	2891.03	ppb
Selenium	82-1	-1.49	-1.47	0.48	-0.83		ppb
Silicon	28-1	-10.00	-12.32	-11.54	-11.29		ppb
Silver	109-1	0.04	0.04	0.05	0.04	11.68	ppb
Silver	107-1	0.03	0.03	0.03	0.03	7.27	ppb
Sodium	23-2	24.73	21.45	22.81	23.00	7.16	ppb
Strontium	86-1	0.13	0.05	0.01	0.06	92.03	ppb
Strontium	88-1	0.02	0.02	0.01	0.01	17.73	ppb
Sulfur	34-1	-531.80	-622.22	-733.13	-629.05		ppb
Terbium	159-1				109		%
Terbium	159-2				101		%
Thallium	203-1	0.09	0.10	0.10	0.10	3.36	ppb
Thallium	205-1	0.09	0.10	0.08	0.09	13.39	ppb
Tin	118-1	0.21	0.24	0.22	0.23	6.73	ppb
Titanium	47-1	0.23	0.68	0.10	0.34	89.59	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	2.74	ppb
Vanadium	51-2	-0.01	0.02	0.02	0.01	143.09	ppb
Yttrium	89-1				101		%
Yttrium	89-2				94		%
Zinc	66-2	0.36	0.74	0.53	0.54	34.50	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	CCB014	Instrumnet Name :	P8
Client Sample ID :	CCB014	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:37:52	DataFile Name :	073CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.08	0.08	0.08	0.08	3.26	ppb
Zirconium	91-1	0.04	0.10	0.06	0.07	48.46	ppb

LB Number : LB94183 Operator : Jaswal
 Lab Sample ID : PB107617BL Instrumnet Name : P8
 Client Sample ID : PBS008 Dilution Factor : 1
 Date & Time Acquired :: 2018-03-23 20:41:25 DataFile Name : 074CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.83	-0.83	1.86	0.07	2229.62	ppb
Antimony	121-1	0.28	0.31	0.44	0.35	24.73	ppb
Arsenic	75-1	0.05	0.01	0.03	0.03	48.85	ppb
Barium	135-1	0.02	0.02	0.02	0.02	18.18	ppb
Barium	137-1	0.02	0.02	-0.01	0.01	196.80	ppb
Beryllium	9-1	0.03	0.09	0.04	0.05	56.25	ppb
Bismuth	209-1				116		%
Bismuth	209-2				105		%
Boron	10-1	3.26	3.88	3.14	3.43	11.57	ppb
Boron	11-1	3.16	2.44	2.61	2.74	13.70	ppb
Cadmium	111-1	0.02	-0.05	-0.10	-0.04		ppb
Cadmium	106-1	0.01	-0.85	-1.66	-0.84		ppb
Cadmium	108-1	-0.06	0.09	-0.11	-0.03		ppb
Calcium	43-1	3.71	-10.96	-10.39	-5.88		ppb
Calcium	44-1	5.77	6.14	7.79	6.57	16.35	ppb
Chromium	52-2	0.13	0.00	0.08	0.07	93.58	ppb
Cobalt	59-2	-0.02	-0.01	-0.03	-0.02		ppb
Copper	63-2	0.05	0.04	0.06	0.05	21.16	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				111		%
Holmium	165-2				103		%
Indium	115-1				106		%
Indium	115-2				96		%
Iron	56-2	2.16	1.34	1.59	1.70	24.78	ppb
Iron	57-2	1.61	-0.20	-0.98	0.14	930.69	ppb
Krypton	83-1						cps
Lead	206-1	0.07	0.08	0.06	0.07	13.27	ppb
Lead	207-1	0.06	0.07	0.06	0.06	7.00	ppb
Lead	208-1	0.06	0.07	0.05	0.06	16.11	ppb
Lithium	6-1				101		%
Magnesium	24-2	4.35	-0.03	4.68	3.00	87.69	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	PB107617BL	Instrumnet Name :	P8
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:41:25	DataFile Name :	074CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.14	0.04	0.01	0.06	102.15	ppb
Molybdenum	94-1	0.26	0.26	0.33	0.29	14.42	ppb
Molybdenum	95-1	0.19	0.36	0.48	0.35	42.43	ppb
Molybdenum	96-1	0.23	0.28	0.46	0.32	38.50	ppb
Molybdenum	97-1	0.24	0.42	0.58	0.41	40.92	ppb
Molybdenum	98-1	0.27	0.41	0.47	0.38	27.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.99	-0.77	-0.92	-0.89		ppb
Phosphorus	31-2	-18.47	-18.47	-18.47	-18.47		ppb
Potassium	39-2	-5.43	-31.49	-14.03	-16.98		ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				96		%
Scandium	45-2				93		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.23	-0.55	-0.55	0.04	2380.79	ppb
Selenium	82-1	0.61	-0.10	0.39	0.30	122.47	ppb
Silicon	28-1	-11.78	-11.93	-10.90	-11.53		ppb
Silver	109-1	0.01	0.01	0.02	0.01	41.92	ppb
Silver	107-1	0.02	0.02	0.01	0.02	21.11	ppb
Sodium	23-2	4.25	2.13	4.54	3.64	36.11	ppb
Strontium	86-1	0.02	-0.01	-0.01	0.00	8646.49	ppb
Strontium	88-1	0.00	0.01	0.00	0.00	85.34	ppb
Sulfur	34-1	-595.43	-641.61	-513.22	-583.42		ppb
Terbium	159-1				109		%
Terbium	159-2				102		%
Thallium	203-1	0.06	0.04	0.02	0.04	48.34	ppb
Thallium	205-1	0.03	0.04	0.05	0.04	22.69	ppb
Tin	118-1	0.01	0.09	0.01	0.04	120.08	ppb
Titanium	47-1	0.06	-0.03	-0.06	-0.01		ppb
Uranium	238-1	0.00	0.01	0.00	0.00	31.63	ppb
Vanadium	51-2	-0.02	-0.01	0.00	-0.01		ppb
Yttrium	89-1				102		%
Yttrium	89-2				95		%
Zinc	66-2	0.22	-0.04	0.21	0.13	115.51	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	PB107617BL	Instrumnet Name :	P8
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:41:25	DataFile Name :	074CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.02	0.03	0.02	28.72	ppb
Zirconium	91-1	0.06	0.05	0.08	0.07	20.26	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	PB107617BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:44:49	DataFile Name :	075LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25.52	20.69	51.22	32.48	50.53	ppb
Antimony	121-1	3.90	4.01	3.89	3.93	1.65	ppb
Arsenic	75-1	1.96	1.85	2.24	2.02	10.06	ppb
Barium	135-1	19.48	19.64	18.98	19.37	1.77	ppb
Barium	137-1	18.89	18.95	18.36	18.73	1.73	ppb
Beryllium	9-1	1.92	1.92	2.01	1.95	2.66	ppb
Bismuth	209-1				116		%
Bismuth	209-2				105		%
Boron	10-1	42.48	45.71	46.31	44.84	4.59	ppb
Boron	11-1	42.49	45.30	43.12	43.63	3.38	ppb
Cadmium	111-1	1.82	2.03	1.74	1.86	7.94	ppb
Cadmium	106-1	1.86	2.48	1.59	1.98	22.94	ppb
Cadmium	108-1	1.64	2.35	2.34	2.11	19.25	ppb
Calcium	43-1	978.71	911.08	938.24	942.68	3.61	ppb
Calcium	44-1	931.34	936.14	931.55	933.01	0.29	ppb
Chromium	52-2	3.97	4.49	4.52	4.33	7.03	ppb
Cobalt	59-2	1.91	2.08	1.89	1.96	5.22	ppb
Copper	63-2	4.04	4.04	4.15	4.08	1.62	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				103		%
Indium	115-1				106		%
Indium	115-2				96		%
Iron	56-2	357.18	363.87	370.39	363.81	1.82	ppb
Iron	57-2	360.55	354.54	365.44	360.18	1.52	ppb
Krypton	83-1						cps
Lead	206-1	2.01	2.00	1.95	1.99	1.60	ppb
Lead	207-1	1.96	1.97	1.86	1.93	3.28	ppb
Lead	208-1	1.99	1.95	1.94	1.96	1.58	ppb
Lithium	6-1				102		%
Magnesium	24-2	1001.39	938.21	1007.58	982.39	3.91	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	PB107617BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:44:49	DataFile Name :	075LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2.00	1.81	2.12	1.98	7.90	ppb
Molybdenum	94-1	9.89	9.82	9.27	9.66	3.50	ppb
Molybdenum	95-1	9.60	9.94	9.53	9.69	2.30	ppb
Molybdenum	96-1	9.59	9.74	9.77	9.70	0.97	ppb
Molybdenum	97-1	9.60	9.83	9.24	9.56	3.14	ppb
Molybdenum	98-1	9.76	9.66	9.60	9.67	0.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.04	1.46	1.03	1.18	20.91	ppb
Phosphorus	31-2	-18.47	-18.47	-18.47	-18.47		ppb
Potassium	39-2	918.21	875.76	968.36	920.78	5.03	ppb
Rhodium	103-1				103		%
Rhodium	103-2				99		%
Scandium	45-1				96		%
Scandium	45-2				93		%
Selenium	77-2	41.24	0.00	21.11	20.78	99.22	ppb
Selenium	78-2	8.13	9.88	10.11	9.37	11.52	ppb
Selenium	82-1	9.50	8.68	9.56	9.25	5.29	ppb
Silicon	28-1	13.18	12.96	11.70	12.61	6.34	ppb
Silver	109-1	2.00	1.94	1.97	1.97	1.46	ppb
Silver	107-1	1.97	1.99	1.99	1.98	0.67	ppb
Sodium	23-2	924.35	942.18	911.34	925.95	1.67	ppb
Strontium	86-1	2.07	1.92	1.89	1.96	4.94	ppb
Strontium	88-1	1.95	2.01	1.98	1.98	1.63	ppb
Sulfur	34-1	-442.26	-362.78	-457.43	-420.82		ppb
Terbium	159-1				110		%
Terbium	159-2				102		%
Thallium	203-1	1.93	1.96	1.86	1.92	2.44	ppb
Thallium	205-1	1.96	1.95	1.93	1.95	0.80	ppb
Tin	118-1	9.15	9.29	9.04	9.16	1.34	ppb
Titanium	47-1	9.87	9.40	8.94	9.40	4.94	ppb
Uranium	238-1	1.95	1.86	1.90	1.90	2.38	ppb
Vanadium	51-2	9.42	9.32	9.41	9.38	0.55	ppb
Yttrium	89-1				102		%
Yttrium	89-2				94		%
Zinc	66-2	4.02	3.46	5.00	4.16	18.76	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	PB107617BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:44:49	DataFile Name :	075LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	2.03	2.10	2.06	2.06	1.57	ppb
Zirconium	91-1	2.23	2.00	2.05	2.09	5.67	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	PB107618BL	Instrumnet Name :	P8
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:48:11	DataFile Name :	076CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.83	4.55	-0.83	0.97	321.38	ppb
Antimony	121-1	0.04	0.07	0.09	0.07	41.06	ppb
Arsenic	75-1	-0.12	-0.05	-0.05	-0.07		ppb
Barium	135-1	-0.02	-0.02	-0.02	-0.02		ppb
Barium	137-1	0.00	-0.01	0.00	0.00		ppb
Beryllium	9-1	-0.04	-0.05	-0.01	-0.03		ppb
Bismuth	209-1				115		%
Bismuth	209-2				106		%
Boron	10-1	4.10	2.08	2.00	2.73	43.72	ppb
Boron	11-1	2.77	2.22	2.04	2.34	16.13	ppb
Cadmium	111-1	-0.01	-0.10	0.01	-0.03		ppb
Cadmium	106-1	-0.10	-1.39	0.23	-0.42		ppb
Cadmium	108-1	-0.11	-0.06	0.04	-0.04		ppb
Calcium	43-1	-6.11	-8.54	0.44	-4.74		ppb
Calcium	44-1	6.44	4.24	6.20	5.63	21.43	ppb
Chromium	52-2	0.08	0.03	0.16	0.09	74.48	ppb
Cobalt	59-2	-0.02	0.00	-0.02	-0.02		ppb
Copper	63-2	0.03	0.01	0.00	0.01	114.63	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				110		%
Holmium	165-2				103		%
Indium	115-1				105		%
Indium	115-2				97		%
Iron	56-2	0.76	0.79	0.96	0.84	12.82	ppb
Iron	57-2	-1.00	1.55	3.36	1.30	167.95	ppb
Krypton	83-1						cps
Lead	206-1	0.05	0.04	0.06	0.05	15.44	ppb
Lead	207-1	0.06	0.04	0.03	0.04	28.80	ppb
Lead	208-1	0.05	0.04	0.04	0.04	10.90	ppb
Lithium	6-1				103		%
Magnesium	24-2	0.12	1.36	1.59	1.02	77.57	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	PB107618BL	Instrumnet Name :	P8
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:48:11	DataFile Name :	076CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.07	0.11	0.06	74.67	ppb
Molybdenum	94-1	0.06	0.05	0.07	0.06	16.10	ppb
Molybdenum	95-1	0.07	0.08	0.14	0.10	35.57	ppb
Molybdenum	96-1	0.02	0.08	0.10	0.06	60.59	ppb
Molybdenum	97-1	0.03	0.05	0.09	0.06	54.90	ppb
Molybdenum	98-1	0.05	0.14	0.10	0.10	42.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.98	-0.91	-1.08	-0.99		ppb
Phosphorus	31-2	20.97	-18.47	22.64	8.38	277.68	ppb
Potassium	39-2	-8.19	1.35	-21.35	-9.40		ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				97		%
Scandium	45-2				93		%
Selenium	77-2	0.00	20.65	0.00	6.88	173.21	ppb
Selenium	78-2	-0.55	-0.55	1.21	0.04	2663.62	ppb
Selenium	82-1	-0.93	-0.91	-0.51	-0.78		ppb
Silicon	28-1	-10.18	-11.82	-9.53	-10.51		ppb
Silver	109-1	0.00	0.00	0.01	0.00	36.32	ppb
Silver	107-1	0.01	0.02	0.01	0.01	46.50	ppb
Sodium	23-2	-12.89	-1.73	-5.96	-6.86		ppb
Strontium	86-1	0.07	-0.05	0.04	0.02	380.75	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	50.36	ppb
Sulfur	34-1	-189.78	-557.12	-343.26	-363.38		ppb
Terbium	159-1				109		%
Terbium	159-2				103		%
Thallium	203-1	0.03	0.03	0.03	0.03	6.12	ppb
Thallium	205-1	0.04	0.02	0.04	0.03	35.48	ppb
Tin	118-1	0.00	0.00	0.00	0.00		ppb
Titanium	47-1	0.00	0.00	0.00	0.00	756.29	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.01	-0.01	0.02	0.00	917.11	ppb
Yttrium	89-1				101		%
Yttrium	89-2				95		%
Zinc	66-2	0.30	0.26	0.48	0.35	32.85	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	PB107618BL	Instrumnet Name :	P8
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:48:11	DataFile Name :	076CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	-0.01	0.02	0.01	0.01	176.96	ppb
Zirconium	91-1	0.03	0.11	0.05	0.06	59.03	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	PB107618BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:51:34	DataFile Name :	077LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	30.73	23.19	41.11	31.68	28.40	ppb
Antimony	121-1	3.74	3.61	3.76	3.70	2.26	ppb
Arsenic	75-1	2.14	1.76	2.14	2.01	10.92	ppb
Barium	135-1	18.02	18.58	19.19	18.60	3.15	ppb
Barium	137-1	18.58	18.13	19.41	18.70	3.48	ppb
Beryllium	9-1	1.97	1.79	1.96	1.91	5.40	ppb
Bismuth	209-1				115		%
Bismuth	209-2				106		%
Boron	10-1	37.84	41.52	41.31	40.22	5.14	ppb
Boron	11-1	41.03	42.81	43.39	42.41	2.89	ppb
Cadmium	111-1	1.76	1.68	2.00	1.81	9.20	ppb
Cadmium	106-1	0.53	1.89	2.10	1.51	56.34	ppb
Cadmium	108-1	2.03	1.70	1.77	1.83	9.34	ppb
Calcium	43-1	938.84	884.39	941.87	921.70	3.51	ppb
Calcium	44-1	912.19	910.81	942.58	921.86	1.95	ppb
Chromium	52-2	4.12	3.80	4.25	4.06	5.62	ppb
Cobalt	59-2	1.99	1.93	1.99	1.97	1.94	ppb
Copper	63-2	4.04	3.92	3.75	3.90	3.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				104		%
Indium	115-1				106		%
Indium	115-2				97		%
Iron	56-2	352.96	358.61	348.93	353.50	1.38	ppb
Iron	57-2	335.89	350.96	345.49	344.11	2.22	ppb
Krypton	83-1						cps
Lead	206-1	1.95	1.84	1.83	1.87	3.56	ppb
Lead	207-1	1.92	1.86	1.91	1.90	1.77	ppb
Lead	208-1	1.90	1.91	1.96	1.92	1.78	ppb
Lithium	6-1				103		%
Magnesium	24-2	973.45	997.37	969.18	980.00	1.55	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	PB107618BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:51:34	DataFile Name :	077LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.74	2.15	2.05	1.98	10.88	ppb
Molybdenum	94-1	9.75	9.83	9.90	9.83	0.75	ppb
Molybdenum	95-1	9.42	9.21	9.87	9.50	3.59	ppb
Molybdenum	96-1	9.35	9.37	9.48	9.40	0.74	ppb
Molybdenum	97-1	9.37	9.74	9.63	9.58	1.98	ppb
Molybdenum	98-1	9.17	9.16	9.64	9.33	2.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.12	1.34	1.43	1.30	12.26	ppb
Phosphorus	31-2	-18.47	21.36	-18.47	-5.20		ppb
Potassium	39-2	865.30	948.75	944.78	919.61	5.12	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				96		%
Scandium	45-2				95		%
Selenium	77-2	10.25	0.00	10.24	6.83	86.60	ppb
Selenium	78-2	2.90	1.21	9.80	4.64	98.19	ppb
Selenium	82-1	9.63	8.61	8.91	9.05	5.82	ppb
Silicon	28-1	14.33	13.33	15.83	14.49	8.70	ppb
Silver	109-1	1.89	1.90	1.90	1.90	0.47	ppb
Silver	107-1	1.92	1.93	1.86	1.90	2.21	ppb
Sodium	23-2	921.03	966.37	926.85	938.08	2.63	ppb
Strontium	86-1	1.88	1.80	2.07	1.92	7.24	ppb
Strontium	88-1	1.87	1.99	2.03	1.96	4.43	ppb
Sulfur	34-1	-399.34	-323.48	-183.01	-301.94		ppb
Terbium	159-1				110		%
Terbium	159-2				103		%
Thallium	203-1	1.97	1.94	2.01	1.97	1.74	ppb
Thallium	205-1	1.88	1.86	1.96	1.90	2.80	ppb
Tin	118-1	9.00	8.90	9.25	9.05	1.99	ppb
Titanium	47-1	10.26	9.34	10.03	9.87	4.86	ppb
Uranium	238-1	1.85	1.85	1.89	1.86	1.36	ppb
Vanadium	51-2	9.05	9.08	8.93	9.02	0.90	ppb
Yttrium	89-1				102		%
Yttrium	89-2				95		%
Zinc	66-2	4.16	5.17	5.03	4.79	11.38	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	PB107618BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:51:34	DataFile Name :	077LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	2.02	1.99	2.07	2.03	2.11	ppb
Zirconium	91-1	2.05	1.89	2.03	1.99	4.31	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-03	Instrumnet Name :	P8
Client Sample ID :	MDAND5D	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:54:56	DataFile Name :	078SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1676.59	1725.39	1494.93	1632.30	7.44	ppb
Antimony	121-1	0.06	0.08	0.11	0.08	33.40	ppb
Arsenic	75-1	0.91	0.46	0.76	0.71	31.67	ppb
Barium	135-1	9.09	8.84	8.86	8.93	1.54	ppb
Barium	137-1	9.02	9.07	9.28	9.12	1.48	ppb
Beryllium	9-1	0.05	0.01	-0.07	0.00		ppb
Bismuth	209-1				116		%
Bismuth	209-2				103		%
Boron	10-1	2.87	2.35	1.78	2.33	23.42	ppb
Boron	11-1	2.60	4.68	2.47	3.25	38.22	ppb
Cadmium	111-1	0.04	0.05	0.07	0.05	26.79	ppb
Cadmium	106-1	0.13	0.08	0.41	0.21	84.02	ppb
Cadmium	108-1	0.13	-0.06	0.04	0.04	245.14	ppb
Calcium	43-1	1714.63	1707.09	1846.78	1756.17	4.47	ppb
Calcium	44-1	1725.54	1718.46	1742.96	1728.99	0.73	ppb
Chromium	52-2	9.27	8.93	9.79	9.33	4.62	ppb
Cobalt	59-2	0.11	0.11	0.10	0.11	5.22	ppb
Copper	63-2	1.54	1.72	1.57	1.61	6.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				100		%
Indium	115-1				105		%
Indium	115-2				93		%
Iron	56-2	188.24	189.43	189.97	189.21	0.47	ppb
Iron	57-2	194.24	176.76	180.16	183.72	5.04	ppb
Krypton	83-1						cps
Lead	206-1	6.42	6.70	6.70	6.61	2.42	ppb
Lead	207-1	5.90	6.08	5.98	5.99	1.51	ppb
Lead	208-1	6.19	6.25	6.33	6.26	1.10	ppb
Lithium	6-1				99		%
Magnesium	24-2	79.99	97.99	73.45	83.81	15.16	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-03	Instrumnet Name :	P8
Client Sample ID :	MDAND5D	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:54:56	DataFile Name :	078SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.74	1.26	1.05	1.35	26.19	ppb
Molybdenum	94-1	1.00	0.77	0.81	0.86	14.49	ppb
Molybdenum	95-1	0.08	0.15	0.17	0.14	36.04	ppb
Molybdenum	96-1	0.19	0.18	0.27	0.21	22.84	ppb
Molybdenum	97-1	0.07	0.05	0.18	0.10	70.60	ppb
Molybdenum	98-1	0.15	0.14	0.13	0.14	7.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.32	3.37	2.82	3.17	9.45	ppb
Phosphorus	31-2	22.76	189.67	185.63	132.69	71.76	ppb
Potassium	39-2	2.91	-13.75	-1.22	-4.02		ppb
Rhodium	103-1				102		%
Rhodium	103-2				98		%
Scandium	45-1				96		%
Scandium	45-2				90		%
Selenium	77-2	10.58	0.00	0.00	3.53	173.21	ppb
Selenium	78-2	3.01	-0.55	3.00	1.82	112.69	ppb
Selenium	82-1	0.19	0.57	-0.56	0.06	896.77	ppb
Silicon	28-1	637.04	1121.88	780.60	846.50	29.42	ppb
Silver	109-1	0.06	0.04	0.05	0.05	18.41	ppb
Silver	107-1	0.04	0.06	0.06	0.05	23.06	ppb
Sodium	23-2	38.65	39.89	35.40	37.98	6.11	ppb
Strontium	86-1	29.30	30.16	29.88	29.78	1.48	ppb
Strontium	88-1	29.74	30.53	30.97	30.41	2.06	ppb
Sulfur	34-1	-577.60	-748.01	-529.65	-618.42		ppb
Terbium	159-1				110		%
Terbium	159-2				100		%
Thallium	203-1	0.07	0.05	0.09	0.07	26.28	ppb
Thallium	205-1	0.07	0.06	0.07	0.07	9.09	ppb
Tin	118-1	0.23	0.21	0.24	0.23	7.29	ppb
Titanium	47-1	18.95	25.54	119.97	54.82	103.10	ppb
Uranium	238-1	0.15	0.17	0.18	0.17	10.05	ppb
Vanadium	51-2	2.19	2.45	2.19	2.28	6.44	ppb
Yttrium	89-1				102		%
Yttrium	89-2				93		%
Zinc	66-2	5.77	6.03	4.84	5.55	11.25	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-03	Instrumnet Name :	P8
Client Sample ID :	MDAND5D	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:54:56	DataFile Name :	078SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.34	0.96	0.45	0.59	56.52	ppb
Zirconium	91-1	0.48	1.26	0.41	0.72	65.55	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-02LX5	Instrumnet Name :	P8
Client Sample ID :	MDAND5L	Dilution Factor :	5
Date & Time Acquired ::	2018-03-23 20:58:17	DataFile Name :	079SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	272.11	290.20	283.24	281.85	3.24	ppb
Antimony	121-1	0.00	-0.01	0.01	0.00	800.82	ppb
Arsenic	75-1	0.10	0.23	0.20	0.18	36.87	ppb
Barium	135-1	1.85	1.81	1.78	1.81	1.90	ppb
Barium	137-1	1.86	1.76	1.88	1.83	3.67	ppb
Beryllium	9-1	-0.02	-0.01	0.02	0.00		ppb
Bismuth	209-1				112		%
Bismuth	209-2				101		%
Boron	10-1	1.01	0.79	0.82	0.87	13.29	ppb
Boron	11-1	0.79	1.14	1.29	1.07	23.96	ppb
Cadmium	111-1	-0.17	-0.09	0.00	-0.09		ppb
Cadmium	106-1	-2.46	-1.50	0.03	-1.31		ppb
Cadmium	108-1	-0.06	-0.11	0.19	0.01	1846.89	ppb
Calcium	43-1	346.12	367.25	322.73	345.37	6.45	ppb
Calcium	44-1	342.10	348.48	337.08	342.55	1.67	ppb
Chromium	52-2	1.74	2.41	2.03	2.06	16.39	ppb
Cobalt	59-2	0.00	0.00	0.01	0.00	241.42	ppb
Copper	63-2	0.29	0.29	0.39	0.32	18.04	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				100		%
Indium	115-1				104		%
Indium	115-2				93		%
Iron	56-2	38.71	36.47	40.42	38.53	5.13	ppb
Iron	57-2	39.23	42.53	35.63	39.13	8.82	ppb
Krypton	83-1						cps
Lead	206-1	1.49	1.46	1.59	1.51	4.53	ppb
Lead	207-1	1.32	1.35	1.23	1.30	4.94	ppb
Lead	208-1	1.43	1.40	1.43	1.42	0.98	ppb
Lithium	6-1				99		%
Magnesium	24-2	24.11	18.68	22.33	21.71	12.74	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-02LX5	Instrumnet Name :	P8
Client Sample ID :	MDAND5L	Dilution Factor :	5
Date & Time Acquired ::	2018-03-23 20:58:17	DataFile Name :	079SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.59	0.30	0.30	0.40	41.73	ppb
Molybdenum	94-1	0.10	0.13	0.18	0.14	31.10	ppb
Molybdenum	95-1	0.01	0.01	0.03	0.01	94.46	ppb
Molybdenum	96-1	-0.01	0.08	0.02	0.03	151.88	ppb
Molybdenum	97-1	-0.02	0.07	0.12	0.06	131.26	ppb
Molybdenum	98-1	0.00	0.03	0.04	0.02	90.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.34	-0.05	-0.08	-0.16		ppb
Phosphorus	31-2	-18.47	23.69	23.92	9.71	251.29	ppb
Potassium	39-2	-9.37	-19.68	-30.50	-19.85		ppb
Rhodium	103-1				100		%
Rhodium	103-2				95		%
Scandium	45-1				94		%
Scandium	45-2				88		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.55	2.99	-0.55	0.63	323.78	ppb
Selenium	82-1	-0.37	-0.13	0.33	-0.06		ppb
Silicon	28-1	113.43	161.04	115.49	129.99	20.71	ppb
Silver	109-1	0.01	0.02	0.01	0.01	26.06	ppb
Silver	107-1	0.03	0.04	0.01	0.03	40.32	ppb
Sodium	23-2	2.69	-0.43	7.76	3.34	123.73	ppb
Strontium	86-1	5.70	5.62	5.82	5.71	1.75	ppb
Strontium	88-1	5.82	5.93	5.93	5.89	1.13	ppb
Sulfur	34-1	-788.61	-417.39	-561.01	-589.00		ppb
Terbium	159-1				108		%
Terbium	159-2				99		%
Thallium	203-1	0.01	0.00	0.00	0.00	217.16	ppb
Thallium	205-1	0.00	-0.01	0.01	0.00		ppb
Tin	118-1	0.06	0.07	0.08	0.07	15.70	ppb
Titanium	47-1	9.47	36.00	6.72	17.39	92.97	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	13.89	ppb
Vanadium	51-2	0.59	0.41	0.54	0.51	18.29	ppb
Yttrium	89-1				100		%
Yttrium	89-2				92		%
Zinc	66-2	1.45	2.12	1.18	1.58	30.57	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-02LX5	Instrumnet Name :	P8
Client Sample ID :	MDAND5L	Dilution Factor :	5
Date & Time Acquired ::	2018-03-23 20:58:17	DataFile Name :	079SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.07	0.03	0.08	0.06	48.33	ppb
Zirconium	91-1	0.06	0.10	0.21	0.12	65.61	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-04	Instrumnet Name :	P8
Client Sample ID :	MDAND5S	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:01:39	DataFile Name :	080SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1729.10	1966.67	1947.14	1880.97	7.01	ppb
Antimony	121-1	19.41	19.42	18.57	19.13	2.53	ppb
Arsenic	75-1	8.57	9.06	9.58	9.07	5.58	ppb
Barium	135-1	395.20	395.40	381.95	390.85	1.97	ppb
Barium	137-1	395.53	395.37	384.34	391.74	1.64	ppb
Beryllium	9-1	9.23	9.35	8.79	9.12	3.23	ppb
Bismuth	209-1				117		%
Bismuth	209-2				105		%
Boron	10-1	0.39	1.43	-0.16	0.56	145.20	ppb
Boron	11-1	0.96	1.21	0.94	1.04	14.74	ppb
Cadmium	111-1	9.49	9.80	9.18	9.49	3.28	ppb
Cadmium	106-1	4.95	8.74	4.92	6.21	35.36	ppb
Cadmium	108-1	8.64	8.82	8.64	8.70	1.18	ppb
Calcium	43-1	1685.12	1751.29	1639.67	1692.03	3.32	ppb
Calcium	44-1	1683.44	1703.67	1648.29	1678.47	1.67	ppb
Chromium	52-2	47.08	46.96	49.04	47.69	2.45	ppb
Cobalt	59-2	100.30	103.61	101.69	101.87	1.63	ppb
Copper	63-2	51.94	53.33	51.78	52.35	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				111		%
Holmium	165-2				101		%
Indium	115-1				106		%
Indium	115-2				94		%
Iron	56-2	381.97	392.41	387.35	387.24	1.35	ppb
Iron	57-2	398.03	412.29	391.66	400.66	2.64	ppb
Krypton	83-1						cps
Lead	206-1	10.32	10.21	9.94	10.16	1.92	ppb
Lead	207-1	9.41	9.45	9.38	9.41	0.37	ppb
Lead	208-1	9.78	9.94	9.71	9.81	1.17	ppb
Lithium	6-1				100		%
Magnesium	24-2	100.24	77.91	80.67	86.27	14.11	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-04	Instrumnet Name :	P8
Client Sample ID :	MDAND5S	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:01:39	DataFile Name :	080SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	99.45	100.65	99.19	99.76	0.78	ppb
Molybdenum	94-1	0.61	0.60	0.89	0.70	23.56	ppb
Molybdenum	95-1	0.06	0.13	0.07	0.09	40.80	ppb
Molybdenum	96-1	0.21	0.17	0.23	0.21	15.10	ppb
Molybdenum	97-1	0.09	0.08	0.07	0.08	15.00	ppb
Molybdenum	98-1	0.11	0.14	0.09	0.11	24.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	103.05	105.67	103.61	104.11	1.32	ppb
Phosphorus	31-2	22.05	107.21	64.14	64.47	66.05	ppb
Potassium	39-2	-16.92	-21.91	-21.84	-20.23		ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				95		%
Scandium	45-2				90		%
Selenium	77-2	21.19	10.40	32.03	21.21	51.00	ppb
Selenium	78-2	19.06	2.95	21.02	14.34	69.11	ppb
Selenium	82-1	19.65	20.29	19.51	19.82	2.09	ppb
Silicon	28-1	749.23	495.94	448.38	564.52	28.65	ppb
Silver	109-1	9.27	9.24	9.16	9.22	0.60	ppb
Silver	107-1	9.45	9.13	9.24	9.27	1.78	ppb
Sodium	23-2	23.23	34.56	35.69	31.16	22.11	ppb
Strontium	86-1	28.07	29.58	27.97	28.54	3.18	ppb
Strontium	88-1	29.32	29.98	29.31	29.53	1.31	ppb
Sulfur	34-1	-798.48	-735.56	-1056.44	-863.50		ppb
Terbium	159-1				110		%
Terbium	159-2				102		%
Thallium	203-1	9.28	9.59	9.35	9.40	1.71	ppb
Thallium	205-1	9.52	9.63	9.56	9.57	0.57	ppb
Tin	118-1	0.24	0.21	0.25	0.23	9.88	ppb
Titanium	47-1	19.88	53.86	19.47	31.07	63.51	ppb
Uranium	238-1	0.15	0.16	0.16	0.16	3.78	ppb
Vanadium	51-2	97.09	100.15	98.82	98.68	1.55	ppb
Yttrium	89-1				102		%
Yttrium	89-2				93		%
Zinc	66-2	104.33	107.46	104.44	105.41	1.68	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-04	Instrumnet Name :	P8
Client Sample ID :	MDAND5S	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:01:39	DataFile Name :	080SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.36	0.38	0.43	0.39	8.47	ppb
Zirconium	91-1	0.42	0.45	0.46	0.45	4.32	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-05	Instrumnet Name :	P8
Client Sample ID :	MDAND6	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:04:59	DataFile Name :	081SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2341.51	2715.47	2536.51	2531.16	7.39	ppb
Antimony	121-1	0.07	0.12	0.11	0.10	25.27	ppb
Arsenic	75-1	0.34	0.40	0.64	0.46	34.37	ppb
Barium	135-1	21.81	21.51	21.12	21.48	1.62	ppb
Barium	137-1	21.47	21.60	21.04	21.37	1.38	ppb
Beryllium	9-1	0.02	0.00	-0.01	0.00	527.36	ppb
Bismuth	209-1				118		%
Bismuth	209-2				105		%
Boron	10-1	0.67	0.39	0.35	0.47	36.86	ppb
Boron	11-1	0.82	0.61	0.45	0.63	30.00	ppb
Cadmium	111-1	-0.02	-0.01	0.06	0.01	417.90	ppb
Cadmium	106-1	-1.91	-1.36	-1.14	-1.47		ppb
Cadmium	108-1	0.33	0.13	0.18	0.21	47.74	ppb
Calcium	43-1	1266.56	1281.83	1200.53	1249.64	3.46	ppb
Calcium	44-1	1241.90	1232.21	1223.80	1232.63	0.73	ppb
Chromium	52-2	3.50	3.92	3.72	3.71	5.60	ppb
Cobalt	59-2	0.08	0.09	0.08	0.08	10.40	ppb
Copper	63-2	2.07	1.87	2.03	1.99	5.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				100		%
Indium	115-1				106		%
Indium	115-2				94		%
Iron	56-2	386.91	394.19	405.30	395.47	2.34	ppb
Iron	57-2	395.24	409.72	419.16	408.04	2.95	ppb
Krypton	83-1						cps
Lead	206-1	5.26	5.47	5.21	5.31	2.56	ppb
Lead	207-1	4.80	4.92	4.80	4.84	1.52	ppb
Lead	208-1	5.11	5.18	5.04	5.11	1.35	ppb
Lithium	6-1				100		%
Magnesium	24-2	92.76	89.36	86.01	89.38	3.78	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-05	Instrumnet Name :	P8
Client Sample ID :	MDAND6	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:04:59	DataFile Name :	081SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	4.18	4.17	4.75	4.37	7.58	ppb
Molybdenum	94-1	1.14	0.82	0.82	0.93	19.97	ppb
Molybdenum	95-1	0.08	0.05	0.13	0.08	46.59	ppb
Molybdenum	96-1	0.13	0.15	0.09	0.12	24.09	ppb
Molybdenum	97-1	0.08	0.13	0.24	0.15	52.94	ppb
Molybdenum	98-1	0.08	0.07	0.09	0.08	8.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.72	0.75	0.76	0.74	2.63	ppb
Phosphorus	31-2	310.59	105.63	154.44	190.22	56.28	ppb
Potassium	39-2	1.26	2.29	34.15	12.57	148.80	ppb
Rhodium	103-1				104		%
Rhodium	103-2				99		%
Scandium	45-1				96		%
Scandium	45-2				89		%
Selenium	77-2	10.51	10.55	10.81	10.63	1.56	ppb
Selenium	78-2	4.77	6.57	-0.55	3.60	102.90	ppb
Selenium	82-1	-0.74	-0.01	0.42	-0.11		ppb
Silicon	28-1	774.20	2720.82	947.80	1480.94	72.74	ppb
Silver	109-1	0.04	0.05	0.06	0.05	16.10	ppb
Silver	107-1	0.04	0.06	0.05	0.05	27.63	ppb
Sodium	23-2	20.57	29.20	38.90	29.56	31.02	ppb
Strontium	86-1	19.62	19.28	18.33	19.07	3.51	ppb
Strontium	88-1	19.06	19.16	18.93	19.05	0.59	ppb
Sulfur	34-1	-1150.16	-1089.67	-1196.26	-1145.36		ppb
Terbium	159-1				111		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.01	0.00	99.79	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	1017.35	ppb
Tin	118-1	0.12	0.14	0.15	0.14	10.72	ppb
Titanium	47-1	35.76	49.82	40.73	42.10	16.94	ppb
Uranium	238-1	0.14	0.14	0.15	0.14	6.53	ppb
Vanadium	51-2	2.28	2.54	2.49	2.44	5.59	ppb
Yttrium	89-1				103		%
Yttrium	89-2				92		%
Zinc	66-2	111.24	116.31	120.05	115.87	3.82	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-05	Instrumnet Name :	P8
Client Sample ID :	MDAND6	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:04:59	DataFile Name :	081SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.57	27.15	0.46	9.40	163.67	ppb
Zirconium	91-1	0.51	1.30	0.87	0.89	44.11	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-06	Instrumnet Name :	P8
Client Sample ID :	MDAND7	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:08:20	DataFile Name :	082SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1068.85	1186.98	975.97	1077.27	9.82	ppb
Antimony	121-1	0.21	0.17	0.22	0.20	13.57	ppb
Arsenic	75-1	0.80	0.64	0.55	0.66	19.46	ppb
Barium	135-1	3.89	3.71	3.88	3.83	2.69	ppb
Barium	137-1	3.96	4.16	4.16	4.09	2.78	ppb
Beryllium	9-1	0.05	0.03	0.00	0.03	94.38	ppb
Bismuth	209-1				119		%
Bismuth	209-2				105		%
Boron	10-1	1.10	-0.02	0.16	0.41	145.67	ppb
Boron	11-1	0.80	0.59	1.07	0.82	29.57	ppb
Cadmium	111-1	-0.02	0.00	-0.09	-0.04		ppb
Cadmium	106-1	-1.20	-0.79	-1.65	-1.21		ppb
Cadmium	108-1	-0.01	0.04	0.13	0.05	136.09	ppb
Calcium	43-1	1955.88	1919.42	1862.20	1912.50	2.47	ppb
Calcium	44-1	1940.67	1941.03	1906.70	1929.47	1.02	ppb
Chromium	52-2	4.88	4.89	4.99	4.92	1.31	ppb
Cobalt	59-2	0.03	0.03	0.02	0.03	15.97	ppb
Copper	63-2	2.72	2.63	2.71	2.68	1.71	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				113		%
Holmium	165-2				102		%
Indium	115-1				106		%
Indium	115-2				93		%
Iron	56-2	383.88	376.59	386.17	382.21	1.31	ppb
Iron	57-2	421.92	368.44	360.92	383.76	8.67	ppb
Krypton	83-1						cps
Lead	206-1	19.48	19.41	19.31	19.40	0.45	ppb
Lead	207-1	18.06	17.86	18.12	18.01	0.76	ppb
Lead	208-1	18.76	18.56	18.68	18.67	0.53	ppb
Lithium	6-1				100		%
Magnesium	24-2	126.06	127.01	113.57	122.21	6.14	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-06	Instrumnet Name :	P8
Client Sample ID :	MDAND7	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:08:20	DataFile Name :	082SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	3.63	3.11	3.34	3.36	7.77	ppb
Molybdenum	94-1	0.36	0.68	0.61	0.55	31.25	ppb
Molybdenum	95-1	0.05	0.06	0.10	0.07	38.30	ppb
Molybdenum	96-1	0.12	0.19	0.15	0.15	21.24	ppb
Molybdenum	97-1	0.09	0.03	0.09	0.07	52.69	ppb
Molybdenum	98-1	0.06	0.07	0.06	0.06	15.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.17	-0.47	-0.36	-0.22		ppb
Phosphorus	31-2	23.31	65.38	-18.47	23.41	179.12	ppb
Potassium	39-2	-10.77	-12.61	-6.74	-10.04		ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				94		%
Scandium	45-2				89		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.55	3.05	-0.55	0.65	319.22	ppb
Selenium	82-1	0.40	-0.47	0.61	0.18	316.75	ppb
Silicon	28-1	287.95	346.65	292.28	308.96	10.59	ppb
Silver	109-1	0.05	0.07	0.05	0.06	20.35	ppb
Silver	107-1	0.04	0.06	0.06	0.05	14.62	ppb
Sodium	23-2	32.40	31.48	27.26	30.38	9.02	ppb
Strontium	86-1	18.80	18.58	18.48	18.62	0.86	ppb
Strontium	88-1	18.75	18.69	18.60	18.68	0.41	ppb
Sulfur	34-1	-937.52	-987.82	-1133.54	-1019.63		ppb
Terbium	159-1				112		%
Terbium	159-2				101		%
Thallium	203-1	-0.01	-0.01	0.00	-0.01		ppb
Thallium	205-1	-0.01	0.00	-0.01	-0.01		ppb
Tin	118-1	1.28	1.17	1.27	1.24	4.99	ppb
Titanium	47-1	33.27	17.71	11.11	20.70	54.96	ppb
Uranium	238-1	0.13	0.14	0.17	0.15	13.51	ppb
Vanadium	51-2	3.66	3.60	3.26	3.51	6.18	ppb
Yttrium	89-1				102		%
Yttrium	89-2				92		%
Zinc	66-2	5.90	7.32	5.98	6.40	12.50	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-06	Instrumnet Name :	P8
Client Sample ID :	MDAND7	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:08:20	DataFile Name :	082SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.25	0.28	0.31	0.28	11.70	ppb
Zirconium	91-1	0.44	0.33	0.75	0.51	43.02	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-07	Instrumnet Name :	P8
Client Sample ID :	MDAND8	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:11:42	DataFile Name :	083SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	925.91	938.81	975.83	946.85	2.74	ppb
Antimony	121-1	0.21	0.19	0.19	0.20	5.63	ppb
Arsenic	75-1	0.89	1.27	1.24	1.14	18.70	ppb
Barium	135-1	19.43	21.01	19.12	19.85	5.12	ppb
Barium	137-1	19.62	20.84	19.56	20.00	3.61	ppb
Beryllium	9-1	-0.04	0.00	-0.05	-0.03		ppb
Bismuth	209-1				115		%
Bismuth	209-2				105		%
Boron	10-1	-0.12	0.33	-0.03	0.06	403.80	ppb
Boron	11-1	0.15	0.82	0.21	0.40	93.25	ppb
Cadmium	111-1	0.29	0.39	0.24	0.31	24.41	ppb
Cadmium	106-1	-0.51	0.60	-0.59	-0.16		ppb
Cadmium	108-1	0.52	0.25	0.52	0.43	35.50	ppb
Calcium	43-1	3125.60	3334.29	3073.00	3177.63	4.35	ppb
Calcium	44-1	3120.18	3356.85	3066.08	3181.04	4.86	ppb
Chromium	52-2	11.11	11.27	10.53	10.97	3.56	ppb
Cobalt	59-2	0.31	0.28	0.32	0.30	6.22	ppb
Copper	63-2	15.06	14.68	15.23	14.99	1.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				93		%
Iron	56-2	1363.27	1347.24	1361.45	1357.32	0.65	ppb
Iron	57-2	1391.91	1295.47	1337.87	1341.75	3.60	ppb
Krypton	83-1						cps
Lead	206-1	50.02	52.55	49.22	50.60	3.43	ppb
Lead	207-1	45.79	48.12	45.31	46.41	3.24	ppb
Lead	208-1	47.81	50.43	46.88	48.37	3.80	ppb
Lithium	6-1				97		%
Magnesium	24-2	190.02	202.24	204.34	198.86	3.89	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-07	Instrumnet Name :	P8
Client Sample ID :	MDAND8	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:11:42	DataFile Name :	083SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	40.51	40.70	39.90	40.37	1.03	ppb
Molybdenum	94-1	0.92	0.85	0.70	0.82	13.75	ppb
Molybdenum	95-1	0.09	0.13	0.15	0.12	23.67	ppb
Molybdenum	96-1	0.27	0.25	0.24	0.25	7.24	ppb
Molybdenum	97-1	0.10	0.23	0.08	0.14	55.37	ppb
Molybdenum	98-1	0.16	0.13	0.14	0.14	8.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.00	1.02	0.97	1.00	2.44	ppb
Phosphorus	31-2	489.20	438.04	361.86	429.70	14.91	ppb
Potassium	39-2	41.26	34.81	65.41	47.16	34.21	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				92		%
Scandium	45-2				89		%
Selenium	77-2	0.00	21.52	10.65	10.72	100.33	ppb
Selenium	78-2	-0.55	3.07	-0.55	0.66	317.79	ppb
Selenium	82-1	-0.67	0.22	0.06	-0.13		ppb
Silicon	28-1	301.97	327.49	372.84	334.10	10.74	ppb
Silver	109-1	0.09	0.10	0.10	0.10	7.39	ppb
Silver	107-1	0.10	0.08	0.09	0.09	9.76	ppb
Sodium	23-2	23.41	23.30	21.12	22.61	5.72	ppb
Strontium	86-1	57.99	60.62	55.82	58.14	4.14	ppb
Strontium	88-1	57.97	62.35	57.74	59.35	4.38	ppb
Sulfur	34-1	-822.62	-373.86	-927.24	-707.91		ppb
Terbium	159-1				109		%
Terbium	159-2				102		%
Thallium	203-1	0.01	0.00	-0.01	0.00		ppb
Thallium	205-1	-0.01	0.00	0.00	0.00		ppb
Tin	118-1	3.63	3.99	3.68	3.77	5.12	ppb
Titanium	47-1	15.69	43.47	24.28	27.82	51.13	ppb
Uranium	238-1	0.70	0.76	0.71	0.72	4.52	ppb
Vanadium	51-2	3.65	3.31	3.46	3.47	4.83	ppb
Yttrium	89-1				99		%
Yttrium	89-2				92		%
Zinc	66-2	69.83	67.57	69.70	69.03	1.84	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-07	Instrumnet Name :	P8
Client Sample ID :	MDAND8	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:11:42	DataFile Name :	083SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.66	0.48	0.59	0.58	15.04	ppb
Zirconium	91-1	0.61	0.55	0.46	0.54	13.95	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-08	Instrumnet Name :	P8
Client Sample ID :	MDAND9	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:15:02	DataFile Name :	084SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	886.41	1067.81	995.83	983.35	9.29	ppb
Antimony	121-1	0.19	0.19	0.24	0.21	12.83	ppb
Arsenic	75-1	1.09	1.08	0.92	1.03	9.26	ppb
Barium	135-1	19.10	19.29	19.74	19.38	1.68	ppb
Barium	137-1	19.42	18.99	18.89	19.10	1.48	ppb
Beryllium	9-1	-0.02	0.09	0.04	0.04	157.62	ppb
Bismuth	209-1				119		%
Bismuth	209-2				105		%
Boron	10-1	-0.20	0.56	-0.35	0.00	16967.10	ppb
Boron	11-1	0.51	0.69	0.54	0.58	16.24	ppb
Cadmium	111-1	0.25	0.31	0.35	0.30	17.80	ppb
Cadmium	106-1	-1.02	-0.89	1.33	-0.19		ppb
Cadmium	108-1	0.37	0.41	0.38	0.39	6.23	ppb
Calcium	43-1	2975.72	2846.38	2902.40	2908.17	2.23	ppb
Calcium	44-1	2887.57	2877.37	2918.57	2894.51	0.74	ppb
Chromium	52-2	10.95	10.77	10.55	10.76	1.83	ppb
Cobalt	59-2	0.35	0.28	0.25	0.29	17.76	ppb
Copper	63-2	13.90	13.96	13.68	13.85	1.07	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				101		%
Indium	115-1				106		%
Indium	115-2				93		%
Iron	56-2	1265.44	1250.97	1235.21	1250.54	1.21	ppb
Iron	57-2	1233.16	1311.48	1190.78	1245.14	4.92	ppb
Krypton	83-1						cps
Lead	206-1	46.37	45.50	46.51	46.12	1.18	ppb
Lead	207-1	43.16	41.94	43.34	42.81	1.78	ppb
Lead	208-1	44.59	43.63	44.95	44.39	1.54	ppb
Lithium	6-1				100		%
Magnesium	24-2	194.19	213.32	212.79	206.77	5.27	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-08	Instrumnet Name :	P8
Client Sample ID :	MDAND9	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:15:02	DataFile Name :	084SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	33.82	33.92	33.57	33.77	0.53	ppb
Molybdenum	94-1	0.95	0.72	0.67	0.78	19.22	ppb
Molybdenum	95-1	0.14	0.16	0.21	0.17	18.78	ppb
Molybdenum	96-1	0.17	0.23	0.25	0.22	20.23	ppb
Molybdenum	97-1	0.14	0.14	0.22	0.16	27.67	ppb
Molybdenum	98-1	0.49	0.15	0.12	0.25	82.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.72	0.84	0.74	0.77	8.55	ppb
Phosphorus	31-2	533.41	440.89	313.08	429.13	25.78	ppb
Potassium	39-2	33.83	44.17	17.43	31.81	42.40	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				94		%
Scandium	45-2				89		%
Selenium	77-2	10.48	0.00	0.00	3.49	173.21	ppb
Selenium	78-2	2.98	1.27	1.24	1.83	54.43	ppb
Selenium	82-1	-0.13	0.28	0.37	0.17	156.36	ppb
Silicon	28-1	294.21	378.32	375.19	349.24	13.65	ppb
Silver	109-1	0.09	0.08	0.09	0.09	5.43	ppb
Silver	107-1	0.10	0.09	0.10	0.10	4.71	ppb
Sodium	23-2	26.42	21.96	23.41	23.93	9.50	ppb
Strontium	86-1	54.94	54.11	55.23	54.76	1.07	ppb
Strontium	88-1	55.03	55.22	55.85	55.37	0.77	ppb
Sulfur	34-1	-772.77	-1066.88	-836.22	-891.96		ppb
Terbium	159-1				112		%
Terbium	159-2				101		%
Thallium	203-1	-0.01	-0.01	0.00	-0.01		ppb
Thallium	205-1	0.00	0.00	-0.01	-0.01		ppb
Tin	118-1	3.22	3.24	3.38	3.28	2.59	ppb
Titanium	47-1	20.72	20.81	19.75	20.43	2.87	ppb
Uranium	238-1	0.62	0.61	0.65	0.63	3.91	ppb
Vanadium	51-2	3.49	3.53	2.84	3.29	11.75	ppb
Yttrium	89-1				102		%
Yttrium	89-2				92		%
Zinc	66-2	66.37	66.33	67.47	66.72	0.98	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-08	Instrumnet Name :	P8
Client Sample ID :	MDAND9	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:15:02	DataFile Name :	084SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.49	0.49	0.53	0.50	5.00	ppb
Zirconium	91-1	0.47	0.39	0.51	0.46	13.37	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-09	Instrumnet Name :	P8
Client Sample ID :	MDANE0	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:18:24	DataFile Name :	085SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	186.34	201.29	175.03	187.55	7.02	ppb
Antimony	121-1	0.06	0.09	0.12	0.09	32.58	ppb
Arsenic	75-1	0.18	0.37	0.22	0.26	38.34	ppb
Barium	135-1	11.71	11.50	11.79	11.67	1.27	ppb
Barium	137-1	12.06	11.83	12.08	11.99	1.13	ppb
Beryllium	9-1	-0.02	-0.04	-0.04	-0.03		ppb
Bismuth	209-1				116		%
Bismuth	209-2				102		%
Boron	10-1	-0.42	0.11	-0.26	-0.19		ppb
Boron	11-1	0.01	-0.19	-0.05	-0.08		ppb
Cadmium	111-1	0.22	0.20	0.20	0.21	6.95	ppb
Cadmium	106-1	-1.18	-0.63	-0.65	-0.82		ppb
Cadmium	108-1	0.04	0.28	0.29	0.20	69.74	ppb
Calcium	43-1	576.61	547.97	578.90	567.83	3.03	ppb
Calcium	44-1	566.98	578.10	589.79	578.29	1.97	ppb
Chromium	52-2	4.36	4.75	4.86	4.66	5.67	ppb
Cobalt	59-2	0.08	0.07	0.08	0.08	7.13	ppb
Copper	63-2	7.29	6.61	7.25	7.05	5.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				99		%
Indium	115-1				106		%
Indium	115-2				91		%
Iron	56-2	191.29	187.11	190.50	189.64	1.17	ppb
Iron	57-2	201.18	173.35	178.30	184.28	8.06	ppb
Krypton	83-1						cps
Lead	206-1	7.35	7.01	7.31	7.22	2.53	ppb
Lead	207-1	6.69	6.19	6.46	6.44	3.87	ppb
Lead	208-1	6.95	6.69	6.94	6.86	2.10	ppb
Lithium	6-1				97		%
Magnesium	24-2	21.11	26.49	38.19	28.60	30.53	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-09	Instrumnet Name :	P8
Client Sample ID :	MDANE0	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:18:24	DataFile Name :	085SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	8.72	7.65	7.94	8.10	6.86	ppb
Molybdenum	94-1	0.27	0.31	0.28	0.29	7.67	ppb
Molybdenum	95-1	0.04	-0.02	-0.01	0.00	1431.45	ppb
Molybdenum	96-1	0.02	0.04	0.03	0.03	46.08	ppb
Molybdenum	97-1	0.04	0.00	-0.04	0.00	1075.74	ppb
Molybdenum	98-1	0.02	0.04	0.01	0.03	41.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.99	0.40	1.18	0.86	47.10	ppb
Phosphorus	31-2	66.22	109.02	24.55	66.60	63.42	ppb
Potassium	39-2	-10.96	-11.49	-23.58	-15.34		ppb
Rhodium	103-1				101		%
Rhodium	103-2				97		%
Scandium	45-1				94		%
Scandium	45-2				87		%
Selenium	77-2	0.00	10.83	0.00	3.61	173.21	ppb
Selenium	78-2	-0.55	1.27	-0.55	0.06	1785.48	ppb
Selenium	82-1	-0.01	-0.99	-0.20	-0.40		ppb
Silicon	28-1	168.61	161.27	178.32	169.40	5.05	ppb
Silver	109-1	0.05	0.07	0.05	0.06	25.41	ppb
Silver	107-1	0.04	0.08	0.06	0.06	29.37	ppb
Sodium	23-2	10.80	14.29	7.93	11.01	28.94	ppb
Strontium	86-1	8.98	8.93	8.91	8.94	0.44	ppb
Strontium	88-1	9.10	8.73	9.31	9.05	3.24	ppb
Sulfur	34-1	-1043.40	-1057.29	-977.32	-1026.00		ppb
Terbium	159-1				110		%
Terbium	159-2				100		%
Thallium	203-1	-0.01	-0.02	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.72	0.76	0.75	0.74	2.95	ppb
Titanium	47-1	12.94	12.77	11.84	12.52	4.75	ppb
Uranium	238-1	0.15	0.15	0.17	0.16	5.19	ppb
Vanadium	51-2	1.77	1.65	1.83	1.75	5.28	ppb
Yttrium	89-1				100		%
Yttrium	89-2				91		%
Zinc	66-2	20.05	20.92	19.16	20.04	4.41	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-09	Instrumnet Name :	P8
Client Sample ID :	MDANE0	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:18:24	DataFile Name :	085SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.25	0.17	0.16	0.19	26.93	ppb
Zirconium	91-1	0.19	0.20	0.15	0.18	15.20	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-10	Instrumnet Name :	P8
Client Sample ID :	MDANE1	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:21:45	DataFile Name :	086SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4247.91	4167.94	4565.17	4327.01	4.86	ppb
Antimony	121-1	4.09	4.18	4.33	4.20	2.91	ppb
Arsenic	75-1	7.78	7.59	7.51	7.62	1.84	ppb
Barium	135-1	966.28	979.39	984.37	976.68	0.96	ppb
Barium	137-1	976.41	994.47	1002.85	991.24	1.36	ppb
Beryllium	9-1	0.35	0.27	0.29	0.30	12.52	ppb
Bismuth	209-1				117		%
Bismuth	209-2				101		%
Boron	10-1	3.27	2.20	3.62	3.03	24.50	ppb
Boron	11-1	3.05	2.67	2.52	2.75	9.99	ppb
Cadmium	111-1	4.11	4.00	4.02	4.05	1.43	ppb
Cadmium	106-1	4.26	4.25	3.54	4.02	10.26	ppb
Cadmium	108-1	4.63	4.06	4.52	4.41	6.85	ppb
Calcium	43-1	7398.18	7393.93	7530.79	7440.97	1.05	ppb
Calcium	44-1	7525.96	7460.59	7730.79	7572.45	1.86	ppb
Chromium	52-2	36.62	37.73	37.68	37.34	1.67	ppb
Cobalt	59-2	3.47	3.69	4.04	3.73	7.76	ppb
Copper	63-2	176.65	179.85	188.33	181.61	3.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				97		%
Indium	115-1				104		%
Indium	115-2				90		%
Iron	56-2	21042.35	21434.60	22677.84	21718.27	3.93	ppb
Iron	57-2	20626.11	21233.80	22003.87	21287.93	3.24	ppb
Krypton	83-1						cps
Lead	206-1	612.29	615.15	624.97	617.47	1.08	ppb
Lead	207-1	571.18	570.08	575.90	572.39	0.54	ppb
Lead	208-1	586.95	590.44	598.57	591.99	1.01	ppb
Lithium	6-1				99		%
Magnesium	24-2	463.88	493.79	480.28	479.32	3.12	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-10	Instrumnet Name :	P8
Client Sample ID :	MDANE1	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:21:45	DataFile Name :	086SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	166.60	169.53	173.90	170.01	2.16	ppb
Molybdenum	94-1	2.70	2.56	2.58	2.61	2.83	ppb
Molybdenum	95-1	1.21	1.21	1.20	1.21	0.79	ppb
Molybdenum	96-1	1.44	1.56	1.45	1.49	4.43	ppb
Molybdenum	97-1	1.21	1.16	1.29	1.22	5.09	ppb
Molybdenum	98-1	1.40	1.29	1.32	1.34	3.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	12.99	14.13	13.82	13.65	4.33	ppb
Phosphorus	31-2	1862.40	2425.49	1734.49	2007.46	18.31	ppb
Potassium	39-2	77.67	71.30	129.02	92.66	34.15	ppb
Rhodium	103-1				101		%
Rhodium	103-2				95		%
Scandium	45-1				93		%
Scandium	45-2				86		%
Selenium	77-2	21.45	0.00	11.27	10.91	98.37	ppb
Selenium	78-2	8.47	1.28	1.35	3.70	111.62	ppb
Selenium	82-1	-0.10	0.08	1.59	0.52	177.57	ppb
Silicon	28-1	766.17	766.76	687.60	740.17	6.15	ppb
Silver	109-1	0.94	0.94	0.93	0.94	0.88	ppb
Silver	107-1	0.93	0.93	0.98	0.95	3.04	ppb
Sodium	23-2	52.61	61.71	59.27	57.86	8.14	ppb
Strontium	86-1	105.04	103.97	107.76	105.59	1.85	ppb
Strontium	88-1	106.68	106.34	110.23	107.75	2.00	ppb
Sulfur	34-1	-665.36	-837.78	-657.71	-720.28		ppb
Terbium	159-1				110		%
Terbium	159-2				97		%
Thallium	203-1	0.03	0.04	0.03	0.03	14.69	ppb
Thallium	205-1	0.05	0.04	0.06	0.05	19.51	ppb
Tin	118-1	83.54	85.24	87.30	85.36	2.21	ppb
Titanium	47-1	115.64	134.04	124.84	124.84	7.37	ppb
Uranium	238-1	0.64	0.65	0.67	0.65	2.35	ppb
Vanadium	51-2	26.68	27.79	30.38	28.28	6.72	ppb
Yttrium	89-1				101		%
Yttrium	89-2				90		%
Zinc	66-2	1271.33	1318.68	1373.11	1321.04	3.86	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-10	Instrumnet Name :	P8
Client Sample ID :	MDANE1	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:21:45	DataFile Name :	086SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.02	1.18	1.05	1.09	7.84	ppb
Zirconium	91-1	1.08	1.03	1.10	1.07	3.35	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-11	Instrumnet Name :	P8
Client Sample ID :	MDANE2	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:25:04	DataFile Name :	087SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3132.68	3044.80	3164.36	3113.95	1.99	ppb
Antimony	121-1	1.29	1.28	1.22	1.26	3.11	ppb
Arsenic	75-1	7.98	7.68	8.21	7.96	3.33	ppb
Barium	135-1	133.77	133.39	136.56	134.57	1.28	ppb
Barium	137-1	134.16	135.34	136.49	135.33	0.86	ppb
Beryllium	9-1	0.23	0.30	0.30	0.28	15.70	ppb
Bismuth	209-1				116		%
Bismuth	209-2				103		%
Boron	10-1	2.93	1.87	2.72	2.51	22.33	ppb
Boron	11-1	2.76	2.55	2.52	2.61	5.02	ppb
Cadmium	111-1	1.76	1.76	2.00	1.84	7.40	ppb
Cadmium	106-1	-0.31	1.29	0.17	0.39	213.17	ppb
Cadmium	108-1	1.58	2.16	1.62	1.79	18.27	ppb
Calcium	43-1	10228.80	10280.85	10589.68	10366.44	1.88	ppb
Calcium	44-1	10310.11	10489.07	10795.72	10531.63	2.33	ppb
Chromium	52-2	26.83	25.28	24.88	25.66	4.02	ppb
Cobalt	59-2	1.93	2.15	2.04	2.04	5.29	ppb
Copper	63-2	69.64	66.77	67.59	68.00	2.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				99		%
Indium	115-1				104		%
Indium	115-2				92		%
Iron	56-2	7150.05	6931.48	6964.46	7015.33	1.68	ppb
Iron	57-2	7064.94	6761.49	6873.88	6900.10	2.22	ppb
Krypton	83-1						cps
Lead	206-1	210.17	207.36	214.63	210.72	1.74	ppb
Lead	207-1	188.82	188.71	195.26	190.93	1.96	ppb
Lead	208-1	199.84	200.90	207.63	202.79	2.08	ppb
Lithium	6-1				98		%
Magnesium	24-2	998.20	1028.80	1038.81	1021.94	2.07	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-11	Instrumnet Name :	P8
Client Sample ID :	MDANE2	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:25:04	DataFile Name :	087SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	127.22	124.55	123.74	125.17	1.45	ppb
Molybdenum	94-1	2.12	2.25	2.01	2.13	5.50	ppb
Molybdenum	95-1	0.56	0.44	0.45	0.48	14.21	ppb
Molybdenum	96-1	0.73	0.82	0.82	0.79	6.19	ppb
Molybdenum	97-1	0.67	0.56	0.52	0.58	13.59	ppb
Molybdenum	98-1	0.55	0.51	0.68	0.58	15.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.46	6.85	7.18	7.16	4.29	ppb
Phosphorus	31-2	1239.66	1344.79	1219.10	1267.85	5.32	ppb
Potassium	39-2	70.66	67.36	99.49	79.17	22.32	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				92		%
Scandium	45-2				87		%
Selenium	77-2	10.72	0.00	53.23	21.32	132.07	ppb
Selenium	78-2	3.06	6.72	6.62	5.47	38.14	ppb
Selenium	82-1	0.76	0.95	0.51	0.74	29.53	ppb
Silicon	28-1	523.62	537.81	535.05	532.16	1.41	ppb
Silver	109-1	0.18	0.24	0.22	0.21	14.89	ppb
Silver	107-1	0.21	0.23	0.25	0.23	8.44	ppb
Sodium	23-2	46.03	48.60	40.20	44.94	9.58	ppb
Strontium	86-1	116.09	116.69	119.01	117.26	1.32	ppb
Strontium	88-1	119.84	121.49	122.82	121.38	1.23	ppb
Sulfur	34-1	-698.29	-507.84	-430.06	-545.40		ppb
Terbium	159-1				110		%
Terbium	159-2				99		%
Thallium	203-1	0.04	0.03	0.03	0.03	10.85	ppb
Thallium	205-1	0.03	0.03	0.04	0.03	21.22	ppb
Tin	118-1	8.34	8.18	8.25	8.26	0.93	ppb
Titanium	47-1	45.84	54.99	46.38	49.07	10.46	ppb
Uranium	238-1	1.21	1.13	1.20	1.18	3.49	ppb
Vanadium	51-2	12.59	12.89	12.90	12.79	1.36	ppb
Yttrium	89-1				100		%
Yttrium	89-2				91		%
Zinc	66-2	502.81	490.77	492.62	495.40	1.31	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-11	Instrumnet Name :	P8
Client Sample ID :	MDANE2	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:25:04	DataFile Name :	087SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.09	1.28	1.07	1.15	10.34	ppb
Zirconium	91-1	1.16	1.06	1.12	1.11	4.53	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-12	Instrumnet Name :	P8
Client Sample ID :	MDANE3	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:28:24	DataFile Name :	088SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	528.83	485.37	471.70	495.30	6.02	ppb
Antimony	121-1	0.00	-0.03	0.02	0.00		ppb
Arsenic	75-1	0.26	0.16	-0.20	0.07	333.86	ppb
Barium	135-1	10.12	9.79	10.02	9.97	1.71	ppb
Barium	137-1	10.04	9.96	10.05	10.02	0.49	ppb
Beryllium	9-1	0.00	-0.07	-0.07	-0.05		ppb
Bismuth	209-1				115		%
Bismuth	209-2				102		%
Boron	10-1	-0.81	0.03	-0.19	-0.32		ppb
Boron	11-1	-0.19	0.03	-0.24	-0.13		ppb
Cadmium	111-1	-0.02	0.05	0.00	0.01	266.93	ppb
Cadmium	106-1	-1.45	-0.70	-1.37	-1.17		ppb
Cadmium	108-1	-0.01	0.14	0.14	0.09	94.95	ppb
Calcium	43-1	934.18	880.08	942.35	918.87	3.68	ppb
Calcium	44-1	912.75	901.48	934.51	916.24	1.83	ppb
Chromium	52-2	5.49	5.53	5.34	5.45	1.86	ppb
Cobalt	59-2	0.06	0.05	0.06	0.06	8.73	ppb
Copper	63-2	1.83	1.82	1.92	1.86	3.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				99		%
Indium	115-1				104		%
Indium	115-2				91		%
Iron	56-2	162.52	152.71	158.88	158.04	3.14	ppb
Iron	57-2	177.40	155.34	143.83	158.85	10.74	ppb
Krypton	83-1						cps
Lead	206-1	3.19	3.22	3.36	3.26	2.70	ppb
Lead	207-1	2.98	2.99	3.02	3.00	0.56	ppb
Lead	208-1	3.11	3.15	3.22	3.16	1.79	ppb
Lithium	6-1				97		%
Magnesium	24-2	57.89	42.23	50.83	50.31	15.59	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-12	Instrumnet Name :	P8
Client Sample ID :	MDANE3	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:28:24	DataFile Name :	088SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2.57	2.90	2.21	2.56	13.32	ppb
Molybdenum	94-1	0.25	0.48	0.19	0.31	49.57	ppb
Molybdenum	95-1	0.00	0.02	0.03	0.01	114.15	ppb
Molybdenum	96-1	0.01	0.06	0.08	0.05	71.06	ppb
Molybdenum	97-1	0.02	0.04	0.03	0.03	30.94	ppb
Molybdenum	98-1	0.01	0.10	0.03	0.05	97.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.26	1.10	1.12	1.16	7.49	ppb
Phosphorus	31-2	201.18	153.30	195.30	183.26	14.25	ppb
Potassium	39-2	29.10	15.05	30.63	24.93	34.45	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				92		%
Scandium	45-2				86		%
Selenium	77-2	0.00	11.00	0.00	3.67	173.21	ppb
Selenium	78-2	-0.55	1.30	-0.55	0.07	1555.89	ppb
Selenium	82-1	-0.08	0.04	-0.25	-0.10		ppb
Silicon	28-1	261.95	685.11	323.44	423.50	53.99	ppb
Silver	109-1	0.04	0.04	0.03	0.04	6.60	ppb
Silver	107-1	0.03	0.03	0.02	0.03	14.34	ppb
Sodium	23-2	13.84	13.70	13.07	13.54	3.03	ppb
Strontium	86-1	21.13	20.94	21.66	21.24	1.75	ppb
Strontium	88-1	21.44	21.53	21.92	21.63	1.18	ppb
Sulfur	34-1	-775.17	-1017.74	-844.61	-879.17		ppb
Terbium	159-1				109		%
Terbium	159-2				99		%
Thallium	203-1	-0.02	-0.02	0.00	-0.01		ppb
Thallium	205-1	-0.02	-0.02	-0.02	-0.02		ppb
Tin	118-1	0.16	0.15	0.21	0.17	19.31	ppb
Titanium	47-1	35.84	101.97	56.85	64.89	52.08	ppb
Uranium	238-1	0.08	0.08	0.06	0.07	14.06	ppb
Vanadium	51-2	1.72	1.53	1.81	1.68	8.42	ppb
Yttrium	89-1				99		%
Yttrium	89-2				90		%
Zinc	66-2	24.53	23.18	23.39	23.70	3.07	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-12	Instrumnet Name :	P8
Client Sample ID :	MDANE3	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:28:24	DataFile Name :	088SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.14	0.16	0.37	0.23	57.17	ppb
Zirconium	91-1	0.26	0.96	0.14	0.45	97.84	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-13	Instrumnet Name :	P8
Client Sample ID :	MDANE4	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:31:45	DataFile Name :	089SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	572.94	609.80	544.14	575.63	5.72	ppb
Antimony	121-1	-0.02	0.00	0.02	0.00		ppb
Arsenic	75-1	-0.07	0.36	0.36	0.22	114.01	ppb
Barium	135-1	11.45	10.44	11.84	11.24	6.44	ppb
Barium	137-1	11.22	11.37	11.89	11.49	3.08	ppb
Beryllium	9-1	-0.06	-0.07	-0.04	-0.06		ppb
Bismuth	209-1				115		%
Bismuth	209-2				102		%
Boron	10-1	-0.30	0.22	-1.12	-0.40		ppb
Boron	11-1	2.33	-0.34	-0.45	0.51	307.18	ppb
Cadmium	111-1	0.11	0.09	-0.07	0.04	221.15	ppb
Cadmium	106-1	1.94	0.01	-2.14	-0.07		ppb
Cadmium	108-1	2.07	0.09	-0.01	0.72	163.56	ppb
Calcium	43-1	1011.27	1061.57	1067.72	1046.85	2.96	ppb
Calcium	44-1	1015.24	1037.48	1076.88	1043.20	2.99	ppb
Chromium	52-2	5.07	4.93	5.20	5.07	2.69	ppb
Cobalt	59-2	0.03	0.04	0.02	0.03	36.31	ppb
Copper	63-2	1.81	1.81	1.87	1.83	2.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				99		%
Indium	115-1				104		%
Indium	115-2				91		%
Iron	56-2	164.87	170.52	162.10	165.83	2.59	ppb
Iron	57-2	169.53	162.36	193.33	175.07	9.26	ppb
Krypton	83-1						cps
Lead	206-1	3.48	3.37	3.31	3.39	2.57	ppb
Lead	207-1	3.13	3.01	3.08	3.08	1.99	ppb
Lead	208-1	3.26	3.23	3.24	3.24	0.45	ppb
Lithium	6-1				97		%
Magnesium	24-2	62.15	71.23	61.39	64.92	8.44	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-13	Instrumnet Name :	P8
Client Sample ID :	MDANE4	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:31:45	DataFile Name :	089SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2.91	2.94	2.83	2.89	2.08	ppb
Molybdenum	94-1	0.24	0.32	0.46	0.34	33.32	ppb
Molybdenum	95-1	0.01	0.02	0.14	0.06	128.86	ppb
Molybdenum	96-1	0.17	0.07	0.08	0.10	52.36	ppb
Molybdenum	97-1	-0.01	0.02	0.05	0.02	141.16	ppb
Molybdenum	98-1	0.00	0.04	0.07	0.04	100.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.86	1.33	0.66	0.95	36.19	ppb
Phosphorus	31-2	65.11	155.97	108.64	109.91	41.35	ppb
Potassium	39-2	-29.22	-8.33	-29.45	-22.33		ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				92		%
Scandium	45-2				88		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.31	1.27	-0.55	0.68	156.95	ppb
Selenium	82-1	0.37	0.08	0.40	0.28	63.12	ppb
Silicon	28-1	544.93	401.33	345.44	430.57	23.90	ppb
Silver	109-1	0.01	0.03	0.04	0.03	50.05	ppb
Silver	107-1	0.03	0.03	0.05	0.04	23.32	ppb
Sodium	23-2	4.69	13.24	5.25	7.73	61.92	ppb
Strontium	86-1	24.78	24.60	24.29	24.55	1.01	ppb
Strontium	88-1	24.42	24.61	24.82	24.62	0.80	ppb
Sulfur	34-1	-1060.85	-993.50	-792.19	-948.85		ppb
Terbium	159-1				109		%
Terbium	159-2				98		%
Thallium	203-1	-0.01	-0.02	-0.01	-0.01		ppb
Thallium	205-1	-0.02	-0.02	-0.01	-0.02		ppb
Tin	118-1	0.15	0.15	0.09	0.13	26.57	ppb
Titanium	47-1	52.59	21.75	17.40	30.58	62.74	ppb
Uranium	238-1	0.10	0.08	0.08	0.09	15.95	ppb
Vanadium	51-2	1.49	1.61	1.62	1.57	4.75	ppb
Yttrium	89-1				100		%
Yttrium	89-2				90		%
Zinc	66-2	23.69	25.01	23.76	24.15	3.06	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-13	Instrumnet Name :	P8
Client Sample ID :	MDANE4	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:31:45	DataFile Name :	089SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.14	0.23	0.29	0.22	35.65	ppb
Zirconium	91-1	0.66	29.90	0.23	10.26	165.77	ppb

LB Number : LB94183 Operator : Jaswal
 Lab Sample ID : J2032-14 Instrumnet Name : P8
 Client Sample ID : MDANE5 Dilution Factor : 1
 Date & Time Acquired :: 2018-03-23 21:35:06 DataFile Name : 090SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2371.88	2440.20	2460.29	2424.12	1.91	ppb
Antimony	121-1	0.08	0.07	0.08	0.08	8.42	ppb
Arsenic	75-1	0.49	0.48	0.36	0.44	15.46	ppb
Barium	135-1	39.71	41.25	41.10	40.69	2.08	ppb
Barium	137-1	40.11	40.30	41.92	40.77	2.43	ppb
Beryllium	9-1	-0.07	0.01	-0.04	-0.03		ppb
Bismuth	209-1				117		%
Bismuth	209-2				103		%
Boron	10-1	-1.04	-0.11	-0.71	-0.62		ppb
Boron	11-1	-0.38	-0.33	-0.38	-0.36		ppb
Cadmium	111-1	0.20	0.10	0.12	0.14	36.36	ppb
Cadmium	106-1	-0.37	-0.92	-1.28	-0.86		ppb
Cadmium	108-1	0.38	0.28	0.14	0.27	44.91	ppb
Calcium	43-1	2640.92	2704.17	2774.87	2706.65	2.48	ppb
Calcium	44-1	2660.30	2697.18	2698.48	2685.32	0.81	ppb
Chromium	52-2	6.33	7.07	7.25	6.88	7.10	ppb
Cobalt	59-2	0.03	0.05	0.04	0.04	20.51	ppb
Copper	63-2	4.24	4.31	4.26	4.27	0.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				99		%
Indium	115-1				104		%
Indium	115-2				91		%
Iron	56-2	256.32	259.81	250.93	255.68	1.75	ppb
Iron	57-2	259.13	250.90	244.43	251.49	2.93	ppb
Krypton	83-1						cps
Lead	206-1	5.25	5.57	5.53	5.45	3.27	ppb
Lead	207-1	5.11	5.24	5.05	5.13	1.84	ppb
Lead	208-1	5.20	5.36	5.38	5.31	1.88	ppb
Lithium	6-1				98		%
Magnesium	24-2	98.14	119.28	115.93	111.12	10.22	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-14	Instrumnet Name :	P8
Client Sample ID :	MDANE5	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:35:06	DataFile Name :	090SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.37	6.30	6.47	6.71	8.52	ppb
Molybdenum	94-1	0.54	0.50	0.76	0.60	23.26	ppb
Molybdenum	95-1	0.02	0.02	0.03	0.02	21.70	ppb
Molybdenum	96-1	0.11	0.10	0.15	0.12	21.19	ppb
Molybdenum	97-1	0.02	0.04	-0.01	0.02	121.09	ppb
Molybdenum	98-1	0.04	0.05	0.06	0.05	16.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.76	1.19	1.22	1.39	23.16	ppb
Phosphorus	31-2	498.57	450.28	742.45	563.77	27.78	ppb
Potassium	39-2	12.11	0.67	2.72	5.17	118.04	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				92		%
Scandium	45-2				87		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	5.01	1.27	-0.55	1.91	148.45	ppb
Selenium	82-1	0.06	-0.59	0.81	0.09	763.98	ppb
Silicon	28-1	674.86	541.97	839.62	685.48	21.75	ppb
Silver	109-1	0.02	0.03	0.04	0.03	37.62	ppb
Silver	107-1	0.02	0.03	0.04	0.03	28.32	ppb
Sodium	23-2	6.77	2.25	10.67	6.56	64.27	ppb
Strontium	86-1	52.26	53.10	52.32	52.56	0.88	ppb
Strontium	88-1	53.35	54.49	54.34	54.06	1.14	ppb
Sulfur	34-1	-1023.19	-1042.37	-1047.78	-1037.78		ppb
Terbium	159-1				109		%
Terbium	159-2				99		%
Thallium	203-1	-0.01	0.01	-0.01	0.00		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.16	0.07	0.19	0.14	42.51	ppb
Titanium	47-1	21.18	20.14	37.33	26.22	36.76	ppb
Uranium	238-1	0.22	0.23	0.21	0.22	5.12	ppb
Vanadium	51-2	2.22	2.33	1.80	2.12	13.38	ppb
Yttrium	89-1				100		%
Yttrium	89-2				90		%
Zinc	66-2	160.60	148.96	146.40	151.99	4.98	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-14	Instrumnet Name :	P8
Client Sample ID :	MDANE5	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:35:06	DataFile Name :	090SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.90	0.45	0.31	0.89	99.67	ppb
Zirconium	91-1	2.63	0.37	0.42	1.14	113.12	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-15	Instrumnet Name :	P8
Client Sample ID :	MDANE6	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:38:27	DataFile Name :	091SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3115.40	3021.12	2794.41	2976.97	5.54	ppb
Antimony	121-1	0.37	0.39	0.34	0.37	7.19	ppb
Arsenic	75-1	1.01	0.78	0.99	0.92	13.61	ppb
Barium	135-1	53.83	57.17	55.13	55.38	3.04	ppb
Barium	137-1	54.24	56.22	55.40	55.29	1.81	ppb
Beryllium	9-1	-0.03	0.02	0.07	0.02	251.99	ppb
Bismuth	209-1				116		%
Bismuth	209-2				102		%
Boron	10-1	-1.03	0.85	-0.17	-0.12		ppb
Boron	11-1	0.31	0.68	0.33	0.44	46.55	ppb
Cadmium	111-1	0.29	0.20	0.22	0.24	19.62	ppb
Cadmium	106-1	0.12	-0.34	-0.40	-0.21		ppb
Cadmium	108-1	0.18	0.39	0.38	0.32	37.14	ppb
Calcium	43-1	2369.81	2452.37	2326.40	2382.86	2.69	ppb
Calcium	44-1	2353.95	2393.90	2344.17	2364.00	1.11	ppb
Chromium	52-2	6.90	6.49	6.97	6.79	3.79	ppb
Cobalt	59-2	0.14	0.10	0.07	0.10	31.87	ppb
Copper	63-2	8.62	8.07	7.98	8.22	4.25	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				110		%
Holmium	165-2				99		%
Indium	115-1				104		%
Indium	115-2				90		%
Iron	56-2	290.65	289.23	275.39	285.09	2.96	ppb
Iron	57-2	280.77	272.14	255.61	269.50	4.74	ppb
Krypton	83-1						cps
Lead	206-1	12.48	13.04	12.84	12.79	2.24	ppb
Lead	207-1	11.41	11.84	11.56	11.60	1.86	ppb
Lead	208-1	12.03	12.34	12.00	12.12	1.57	ppb
Lithium	6-1				97		%
Magnesium	24-2	60.00	61.35	59.03	60.12	1.94	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-15	Instrumnet Name :	P8
Client Sample ID :	MDANE6	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:38:27	DataFile Name :	091SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.06	6.19	6.70	6.65	6.56	ppb
Molybdenum	94-1	3.99	0.65	1.07	1.90	95.79	ppb
Molybdenum	95-1	0.02	0.05	0.04	0.04	37.42	ppb
Molybdenum	96-1	0.10	0.10	0.13	0.11	14.14	ppb
Molybdenum	97-1	0.06	0.03	0.06	0.05	33.14	ppb
Molybdenum	98-1	0.01	0.05	0.05	0.04	60.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.37	2.05	2.05	2.16	8.50	ppb
Phosphorus	31-2	68.23	280.53	108.59	152.45	73.95	ppb
Potassium	39-2	-15.34	-21.23	-27.19	-21.25		ppb
Rhodium	103-1				100		%
Rhodium	103-2				96		%
Scandium	45-1				93		%
Scandium	45-2				87		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.33	-0.55	-0.55	0.08	1422.51	ppb
Selenium	82-1	-0.01	-0.31	0.17	-0.05		ppb
Silicon	28-1	795.11	923.59	911.02	876.57	8.08	ppb
Silver	109-1	0.05	0.08	0.07	0.07	20.93	ppb
Silver	107-1	0.07	0.07	0.04	0.06	28.84	ppb
Sodium	23-2	10.73	2.66	5.22	6.20	66.50	ppb
Strontium	86-1	30.30	31.36	30.14	30.60	2.17	ppb
Strontium	88-1	30.23	31.01	30.33	30.53	1.39	ppb
Sulfur	34-1	-1205.05	-1052.62	-1325.58	-1194.42		ppb
Terbium	159-1				109		%
Terbium	159-2				98		%
Thallium	203-1	0.00	0.00	0.00	0.00		ppb
Thallium	205-1	-0.01	0.00	-0.01	-0.01		ppb
Tin	118-1	0.53	0.61	0.89	0.68	28.17	ppb
Titanium	47-1	30.20	115.37	21.14	55.57	93.56	ppb
Uranium	238-1	0.15	0.16	0.16	0.16	4.48	ppb
Vanadium	51-2	2.58	2.61	2.85	2.68	5.47	ppb
Yttrium	89-1				100		%
Yttrium	89-2				89		%
Zinc	66-2	284.32	287.98	283.79	285.36	0.80	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-15	Instrumnet Name :	P8
Client Sample ID :	MDANE6	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:38:27	DataFile Name :	091SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.56	0.57	0.44	0.52	13.71	ppb
Zirconium	91-1	0.47	0.56	0.49	0.51	9.81	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-16	Instrumnet Name :	P8
Client Sample ID :	MDANE7	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:41:49	DataFile Name :	092SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	945.75	1090.41	1095.52	1043.89	8.15	ppb
Antimony	121-1	0.60	0.58	0.52	0.56	7.27	ppb
Arsenic	75-1	1.83	1.83	1.35	1.67	16.46	ppb
Barium	135-1	88.35	76.79	74.79	79.98	9.15	ppb
Barium	137-1	87.06	77.67	75.86	80.20	7.49	ppb
Beryllium	9-1	0.00	0.10	-0.01	0.03	184.93	ppb
Bismuth	209-1				111		%
Bismuth	209-2				102		%
Boron	10-1	0.65	0.06	0.40	0.37	79.87	ppb
Boron	11-1	-0.11	0.33	-0.05	0.06	415.60	ppb
Cadmium	111-1	0.96	0.74	1.01	0.91	15.84	ppb
Cadmium	106-1	-1.55	-0.64	1.57	-0.21		ppb
Cadmium	108-1	1.06	0.99	1.21	1.08	10.14	ppb
Calcium	43-1	3061.44	2773.62	2800.63	2878.57	5.52	ppb
Calcium	44-1	3032.80	2753.14	2681.55	2822.50	6.58	ppb
Chromium	52-2	3.31	3.26	4.77	3.78	22.72	ppb
Cobalt	59-2	0.51	0.54	0.48	0.51	6.43	ppb
Copper	63-2	37.38	38.94	39.54	38.62	2.89	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				98		%
Indium	115-1				99		%
Indium	115-2				90		%
Iron	56-2	1798.21	1839.08	1907.81	1848.37	3.00	ppb
Iron	57-2	1788.11	1904.70	1933.80	1875.54	4.11	ppb
Krypton	83-1						cps
Lead	206-1	55.42	50.69	48.35	51.49	7.00	ppb
Lead	207-1	50.28	46.05	44.35	46.89	6.51	ppb
Lead	208-1	52.49	48.22	46.26	48.99	6.50	ppb
Lithium	6-1				94		%
Magnesium	24-2	269.24	313.07	321.27	301.20	9.29	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-16	Instrumnet Name :	P8
Client Sample ID :	MDANE7	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:41:49	DataFile Name :	092SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	18.45	20.84	19.38	19.56	6.15	ppb
Molybdenum	94-1	1.47	0.83	0.71	1.00	40.53	ppb
Molybdenum	95-1	0.16	0.16	0.14	0.15	6.19	ppb
Molybdenum	96-1	0.22	0.25	0.25	0.24	8.21	ppb
Molybdenum	97-1	0.14	0.23	0.17	0.18	25.34	ppb
Molybdenum	98-1	0.16	0.11	0.22	0.16	32.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.29	1.42	1.76	1.49	16.03	ppb
Phosphorus	31-2	362.28	592.95	298.03	417.75	37.12	ppb
Potassium	39-2	34.28	9.89	47.56	30.58	62.47	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				87		%
Scandium	45-2				85		%
Selenium	77-2	0.00	10.72	0.00	3.57	173.21	ppb
Selenium	78-2	-0.55	4.87	-0.55	1.26	248.69	ppb
Selenium	82-1	0.77	-0.07	0.28	0.33	129.14	ppb
Silicon	28-1	450.56	444.93	351.37	415.62	13.40	ppb
Silver	109-1	0.10	0.10	0.08	0.10	11.62	ppb
Silver	107-1	0.10	0.11	0.08	0.10	16.03	ppb
Sodium	23-2	13.42	26.68	29.57	23.22	37.08	ppb
Strontium	86-1	48.15	44.00	44.23	45.46	5.13	ppb
Strontium	88-1	49.35	45.97	44.29	46.54	5.54	ppb
Sulfur	34-1	-313.00	-866.42	-1161.63	-780.35		ppb
Terbium	159-1				104		%
Terbium	159-2				98		%
Thallium	203-1	0.01	0.01	0.00	0.00	201.00	ppb
Thallium	205-1	0.01	0.02	0.00	0.01	93.44	ppb
Tin	118-1	1.67	1.37	1.46	1.50	10.00	ppb
Titanium	47-1	55.57	29.65	35.91	40.38	33.50	ppb
Uranium	238-1	0.25	0.22	0.21	0.22	9.38	ppb
Vanadium	51-2	4.72	5.36	5.29	5.12	6.90	ppb
Yttrium	89-1				95		%
Yttrium	89-2				90		%
Zinc	66-2	277.41	282.55	291.38	283.78	2.49	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-16	Instrumnet Name :	P8
Client Sample ID :	MDANE7	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:41:49	DataFile Name :	092SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.33	0.42	0.31	0.69	80.89	ppb
Zirconium	91-1	0.33	0.31	0.33	0.32	4.42	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-17	Instrumnet Name :	P8
Client Sample ID :	MDANE8	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:45:09	DataFile Name :	093SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	80.06	147.83	104.21	110.70	31.03	ppb
Antimony	121-1	-0.02	0.00	0.00	-0.01		ppb
Arsenic	75-1	0.37	0.11	0.00	0.16	118.19	ppb
Barium	135-1	9.53	9.39	9.26	9.40	1.46	ppb
Barium	137-1	9.38	9.41	9.01	9.26	2.41	ppb
Beryllium	9-1	-0.03	-0.05	-0.02	-0.03		ppb
Bismuth	209-1				114		%
Bismuth	209-2				100		%
Boron	10-1	-1.33	-0.07	-1.33	-0.91		ppb
Boron	11-1	-0.61	-0.48	-0.66	-0.58		ppb
Cadmium	111-1	-0.05	-0.12	0.00	-0.05		ppb
Cadmium	106-1	-1.28	-1.81	-0.73	-1.27		ppb
Cadmium	108-1	0.14	-0.11	-0.01	0.01	1670.64	ppb
Calcium	43-1	377.73	362.44	369.29	369.82	2.07	ppb
Calcium	44-1	360.20	359.06	367.37	362.21	1.24	ppb
Chromium	52-2	5.82	6.18	5.84	5.95	3.46	ppb
Cobalt	59-2	0.17	0.07	0.04	0.09	74.11	ppb
Copper	63-2	1.54	1.73	1.46	1.58	8.95	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				98		%
Indium	115-1				104		%
Indium	115-2				91		%
Iron	56-2	143.22	149.29	146.78	146.43	2.08	ppb
Iron	57-2	135.13	157.00	131.86	141.33	9.67	ppb
Krypton	83-1						cps
Lead	206-1	3.75	3.82	3.76	3.78	1.04	ppb
Lead	207-1	3.47	3.55	3.53	3.51	1.15	ppb
Lead	208-1	3.65	3.71	3.59	3.65	1.74	ppb
Lithium	6-1				96		%
Magnesium	24-2	6.22	11.94	8.30	8.82	32.83	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-17	Instrumnet Name :	P8
Client Sample ID :	MDANE8	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:45:09	DataFile Name :	093SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.08	1.29	1.18	1.18	8.89	ppb
Molybdenum	94-1	0.29	0.22	0.22	0.24	17.19	ppb
Molybdenum	95-1	0.00	-0.03	0.01	-0.01		ppb
Molybdenum	96-1	-0.02	0.03	0.05	0.02	149.64	ppb
Molybdenum	97-1	0.00	0.04	-0.02	0.00	726.25	ppb
Molybdenum	98-1	0.01	0.04	0.05	0.03	59.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.44	1.91	1.74	2.03	18.05	ppb
Phosphorus	31-2	24.64	-18.47	23.89	10.02	246.30	ppb
Potassium	39-2	-1.92	-24.91	-11.96	-12.93		ppb
Rhodium	103-1				100		%
Rhodium	103-2				96		%
Scandium	45-1				92		%
Scandium	45-2				87		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.55	3.12	1.32	1.30	141.42	ppb
Selenium	82-1	0.13	-0.45	-0.52	-0.28		ppb
Silicon	28-1	191.20	370.05	174.02	245.09	44.29	ppb
Silver	109-1	0.04	0.02	0.04	0.03	40.12	ppb
Silver	107-1	0.03	0.04	0.03	0.03	16.45	ppb
Sodium	23-2	-1.85	7.74	5.02	3.64	135.87	ppb
Strontium	86-1	2.54	2.18	2.20	2.31	8.67	ppb
Strontium	88-1	2.42	2.36	2.28	2.35	2.81	ppb
Sulfur	34-1	-1082.07	-1128.92	-1249.91	-1153.63		ppb
Terbium	159-1				109		%
Terbium	159-2				98		%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.02	-0.02	-0.02	-0.02		ppb
Tin	118-1	0.21	0.26	0.16	0.21	22.18	ppb
Titanium	47-1	29.82	30.24	26.60	28.89	6.90	ppb
Uranium	238-1	0.04	0.03	0.03	0.03	19.14	ppb
Vanadium	51-2	2.10	2.20	2.12	2.14	2.54	ppb
Yttrium	89-1				100		%
Yttrium	89-2				89		%
Zinc	66-2	6.20	6.98	7.78	6.98	11.30	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-17	Instrumnet Name :	P8
Client Sample ID :	MDANE8	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:45:09	DataFile Name :	093SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.18	0.25	0.18	0.20	21.10	ppb
Zirconium	91-1	0.12	0.17	0.25	0.18	35.34	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-18	Instrumnet Name :	P8
Client Sample ID :	MDANE9	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:48:31	DataFile Name :	094SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100.57	82.02	123.35	101.98	20.30	ppb
Antimony	121-1	-0.01	-0.02	0.01	0.00		ppb
Arsenic	75-1	0.00	0.19	0.09	0.09	101.79	ppb
Barium	135-1	8.65	9.07	9.20	8.98	3.19	ppb
Barium	137-1	8.83	9.23	8.53	8.86	3.95	ppb
Beryllium	9-1	-0.05	-0.10	-0.11	-0.09		ppb
Bismuth	209-1				114		%
Bismuth	209-2				100		%
Boron	10-1	-0.71	-1.03	-0.91	-0.88		ppb
Boron	11-1	-0.70	-0.71	-0.48	-0.63		ppb
Cadmium	111-1	-0.06	-0.05	-0.13	-0.08		ppb
Cadmium	106-1	-1.29	-1.54	-2.36	-1.73		ppb
Cadmium	108-1	0.04	-0.11	-0.01	-0.02		ppb
Calcium	43-1	359.28	366.83	372.70	366.27	1.84	ppb
Calcium	44-1	364.74	353.75	355.39	357.96	1.66	ppb
Chromium	52-2	6.84	6.83	7.34	7.00	4.12	ppb
Cobalt	59-2	0.07	0.05	0.08	0.07	23.13	ppb
Copper	63-2	1.69	1.66	1.61	1.65	2.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				98		%
Indium	115-1				103		%
Indium	115-2				91		%
Iron	56-2	132.30	139.69	136.13	136.04	2.72	ppb
Iron	57-2	150.99	131.02	135.56	139.19	7.52	ppb
Krypton	83-1						cps
Lead	206-1	3.75	3.77	3.68	3.73	1.18	ppb
Lead	207-1	3.50	3.33	3.28	3.37	3.35	ppb
Lead	208-1	3.63	3.54	3.52	3.56	1.68	ppb
Lithium	6-1				97		%
Magnesium	24-2	8.05	10.82	10.20	9.69	15.03	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-18	Instrumnet Name :	P8
Client Sample ID :	MDANE9	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:48:31	DataFile Name :	094SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.98	1.37	1.01	1.12	19.28	ppb
Molybdenum	94-1	0.35	0.13	0.52	0.33	58.38	ppb
Molybdenum	95-1	0.02	0.05	0.02	0.03	52.94	ppb
Molybdenum	96-1	0.07	0.12	0.01	0.07	84.88	ppb
Molybdenum	97-1	0.03	0.05	0.04	0.04	36.58	ppb
Molybdenum	98-1	0.01	0.03	0.01	0.02	86.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.02	1.87	2.89	2.26	24.38	ppb
Phosphorus	31-2	24.76	-18.47	69.83	25.37	174.02	ppb
Potassium	39-2	17.60	1.12	-0.23	6.16	161.11	ppb
Rhodium	103-1				99		%
Rhodium	103-2				96		%
Scandium	45-1				92		%
Scandium	45-2				85		%
Selenium	77-2	0.00	10.99	0.00	3.66	173.21	ppb
Selenium	78-2	-0.55	1.30	-0.55	0.07	1569.10	ppb
Selenium	82-1	-0.04	-0.59	-0.29	-0.31		ppb
Silicon	28-1	276.24	253.40	359.47	296.37	18.84	ppb
Silver	109-1	0.02	0.03	0.03	0.03	27.12	ppb
Silver	107-1	0.03	0.02	0.03	0.02	17.83	ppb
Sodium	23-2	2.08	5.41	7.64	5.04	55.42	ppb
Strontium	86-1	2.32	2.34	2.23	2.30	2.63	ppb
Strontium	88-1	2.41	2.25	2.34	2.33	3.48	ppb
Sulfur	34-1	-950.71	-1183.25	-1144.46	-1092.81		ppb
Terbium	159-1				108		%
Terbium	159-2				97		%
Thallium	203-1	-0.01	-0.01	-0.02	-0.02		ppb
Thallium	205-1	-0.01	-0.02	-0.02	-0.02		ppb
Tin	118-1	0.24	0.21	0.20	0.22	10.07	ppb
Titanium	47-1	35.81	42.65	40.48	39.65	8.81	ppb
Uranium	238-1	0.03	0.03	0.04	0.03	18.39	ppb
Vanadium	51-2	1.90	2.20	2.16	2.08	7.84	ppb
Yttrium	89-1				99		%
Yttrium	89-2				90		%
Zinc	66-2	5.46	5.64	6.95	6.02	13.53	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-18	Instrumnet Name :	P8
Client Sample ID :	MDANE9	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:48:31	DataFile Name :	094SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.31	0.85	0.12	0.42	89.32	ppb
Zirconium	91-1	0.24	0.21	0.26	0.23	9.37	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-19	Instrumnet Name :	P8
Client Sample ID :	MDANF0	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:51:52	DataFile Name :	095SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	227.39	325.17	303.85	285.47	18.01	ppb
Antimony	121-1	0.04	0.02	0.06	0.04	47.79	ppb
Arsenic	75-1	0.52	0.09	0.49	0.37	65.98	ppb
Barium	135-1	14.32	14.25	13.96	14.18	1.34	ppb
Barium	137-1	14.39	13.80	14.55	14.25	2.76	ppb
Beryllium	9-1	-0.08	-0.07	-0.07	-0.07		ppb
Bismuth	209-1				115		%
Bismuth	209-2				101		%
Boron	10-1	-0.70	-0.59	0.24	-0.35		ppb
Boron	11-1	-0.29	-0.29	-0.08	-0.22		ppb
Cadmium	111-1	0.04	0.08	0.00	0.04	106.83	ppb
Cadmium	106-1	-0.93	-0.69	-1.44	-1.02		ppb
Cadmium	108-1	0.29	-0.06	0.24	0.16	119.45	ppb
Calcium	43-1	1837.66	1743.80	1730.51	1770.66	3.30	ppb
Calcium	44-1	1813.11	1767.03	1789.92	1790.02	1.29	ppb
Chromium	52-2	4.73	5.47	5.09	5.10	7.25	ppb
Cobalt	59-2	0.06	0.07	0.08	0.07	11.73	ppb
Copper	63-2	3.26	3.43	3.60	3.43	4.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				99		%
Indium	115-1				103		%
Indium	115-2				91		%
Iron	56-2	350.13	367.42	360.59	359.38	2.42	ppb
Iron	57-2	353.78	400.06	349.55	367.80	7.62	ppb
Krypton	83-1						cps
Lead	206-1	14.04	13.44	13.56	13.68	2.34	ppb
Lead	207-1	12.79	12.88	12.68	12.78	0.81	ppb
Lead	208-1	13.31	13.07	13.15	13.18	0.92	ppb
Lithium	6-1				96		%
Magnesium	24-2	33.01	30.08	22.68	28.59	18.63	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-19	Instrumnet Name :	P8
Client Sample ID :	MDANF0	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:51:52	DataFile Name :	095SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2.14	1.88	1.81	1.94	8.98	ppb
Molybdenum	94-1	0.43	0.38	0.61	0.47	25.75	ppb
Molybdenum	95-1	0.04	-0.02	0.02	0.02	214.37	ppb
Molybdenum	96-1	0.07	0.09	0.07	0.08	17.89	ppb
Molybdenum	97-1	0.02	0.02	0.04	0.03	33.43	ppb
Molybdenum	98-1	-0.01	0.01	0.00	0.00	628.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.38	1.71	1.53	1.54	10.50	ppb
Phosphorus	31-2	-18.47	-18.47	25.25	-3.90		ppb
Potassium	39-2	-15.82	7.94	12.57	1.56	974.87	ppb
Rhodium	103-1				100		%
Rhodium	103-2				96		%
Scandium	45-1				92		%
Scandium	45-2				85		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.26	1.32	1.27	1.28	2.78	ppb
Selenium	82-1	0.21	-0.31	0.14	0.01	2515.95	ppb
Silicon	28-1	327.24	309.09	243.27	293.20	15.07	ppb
Silver	109-1	0.06	0.03	0.04	0.05	28.97	ppb
Silver	107-1	0.05	0.03	0.06	0.04	32.33	ppb
Sodium	23-2	2.20	17.01	11.71	10.31	72.78	ppb
Strontium	86-1	12.36	12.04	11.76	12.05	2.48	ppb
Strontium	88-1	12.54	12.33	12.38	12.42	0.87	ppb
Sulfur	34-1	-1031.04	-1149.79	-1049.69	-1076.84		ppb
Terbium	159-1				108		%
Terbium	159-2				98		%
Thallium	203-1	-0.01	-0.02	-0.03	-0.02		ppb
Thallium	205-1	-0.02	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.87	0.91	0.87	0.89	2.36	ppb
Titanium	47-1	49.67	13.80	13.19	25.55	81.73	ppb
Uranium	238-1	0.05	0.06	0.05	0.05	10.77	ppb
Vanadium	51-2	3.60	3.99	3.29	3.63	9.65	ppb
Yttrium	89-1				100		%
Yttrium	89-2				90		%
Zinc	66-2	9.14	7.64	10.75	9.18	16.94	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-19	Instrumnet Name :	P8
Client Sample ID :	MDANF0	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:51:52	DataFile Name :	095SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.27	0.37	0.28	0.31	18.25	ppb
Zirconium	91-1	0.26	0.29	0.35	0.30	15.50	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-20	Instrumnet Name :	P8
Client Sample ID :	MDANF1	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:55:13	DataFile Name :	096SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1802.72	1737.50	1734.87	1758.36	2.19	ppb
Antimony	121-1	0.22	0.24	0.25	0.24	8.16	ppb
Arsenic	75-1	2.04	2.39	2.53	2.32	10.92	ppb
Barium	135-1	23.52	23.83	23.63	23.66	0.66	ppb
Barium	137-1	23.69	23.63	24.25	23.86	1.44	ppb
Beryllium	9-1	-0.06	0.02	0.00	-0.01		ppb
Bismuth	209-1				117		%
Bismuth	209-2				103		%
Boron	10-1	-0.80	-0.50	-0.40	-0.57		ppb
Boron	11-1	-0.31	0.09	-0.18	-0.14		ppb
Cadmium	111-1	0.27	0.31	0.16	0.25	31.89	ppb
Cadmium	106-1	-0.38	-0.54	-2.40	-1.11		ppb
Cadmium	108-1	0.38	0.38	0.39	0.38	1.20	ppb
Calcium	43-1	2038.72	1930.97	1940.86	1970.19	3.02	ppb
Calcium	44-1	1982.75	1924.94	1978.14	1961.94	1.64	ppb
Chromium	52-2	5.34	5.96	5.90	5.73	5.99	ppb
Cobalt	59-2	0.22	0.21	0.29	0.24	19.24	ppb
Copper	63-2	6.65	6.86	6.97	6.83	2.35	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				110		%
Holmium	165-2				99		%
Indium	115-1				103		%
Indium	115-2				91		%
Iron	56-2	3674.29	3617.97	3632.17	3641.48	0.80	ppb
Iron	57-2	3606.71	3685.63	3645.99	3646.11	1.08	ppb
Krypton	83-1						cps
Lead	206-1	45.21	44.90	45.29	45.13	0.45	ppb
Lead	207-1	41.15	40.58	41.71	41.15	1.38	ppb
Lead	208-1	42.92	42.73	43.46	43.04	0.88	ppb
Lithium	6-1				97		%
Magnesium	24-2	104.77	109.29	114.40	109.48	4.40	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-20	Instrumnet Name :	P8
Client Sample ID :	MDANF1	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:55:13	DataFile Name :	096SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	4.80	4.33	4.32	4.48	6.09	ppb
Molybdenum	94-1	1.10	1.09	1.37	1.18	13.53	ppb
Molybdenum	95-1	0.31	0.35	0.41	0.35	13.55	ppb
Molybdenum	96-1	0.46	0.48	0.39	0.44	9.96	ppb
Molybdenum	97-1	0.43	0.37	0.41	0.40	6.74	ppb
Molybdenum	98-1	0.39	0.43	0.42	0.41	4.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.90	2.76	2.32	2.66	11.35	ppb
Phosphorus	31-2	111.58	237.16	323.56	224.10	47.56	ppb
Potassium	39-2	169.39	142.36	151.68	154.48	8.89	ppb
Rhodium	103-1				100		%
Rhodium	103-2				96		%
Scandium	45-1				92		%
Scandium	45-2				87		%
Selenium	77-2	10.83	0.00	10.83	7.22	86.60	ppb
Selenium	78-2	-0.55	1.32	1.28	0.68	156.43	ppb
Selenium	82-1	0.21	0.30	0.20	0.24	22.05	ppb
Silicon	28-1	617.87	737.08	1074.00	809.65	29.22	ppb
Silver	109-1	0.08	0.08	0.11	0.09	18.54	ppb
Silver	107-1	0.06	0.09	0.07	0.07	20.50	ppb
Sodium	23-2	18.98	17.69	22.67	19.78	13.07	ppb
Strontium	86-1	13.78	13.89	13.77	13.81	0.46	ppb
Strontium	88-1	14.30	14.14	14.27	14.24	0.60	ppb
Sulfur	34-1	-928.03	-1099.97	-1017.91	-1015.30		ppb
Terbium	159-1				109		%
Terbium	159-2				98		%
Thallium	203-1	0.00	-0.01	-0.02	-0.01		ppb
Thallium	205-1	-0.01	-0.02	-0.01	-0.01		ppb
Tin	118-1	7.06	7.16	7.27	7.16	1.48	ppb
Titanium	47-1	34.26	33.41	20.91	29.52	25.31	ppb
Uranium	238-1	0.19	0.20	0.20	0.20	3.30	ppb
Vanadium	51-2	7.58	7.64	7.78	7.67	1.35	ppb
Yttrium	89-1				100		%
Yttrium	89-2				90		%
Zinc	66-2	67.83	67.99	65.78	67.20	1.84	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-20	Instrumnet Name :	P8
Client Sample ID :	MDANF1	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:55:13	DataFile Name :	096SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	7.19	0.76	0.58	2.84	132.37	ppb
Zirconium	91-1	0.57	0.58	0.76	0.64	17.08	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-21	Instrumnet Name :	P8
Client Sample ID :	MDANF2	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:58:35	DataFile Name :	097SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	165.27	189.12	194.41	182.93	8.49	ppb
Antimony	121-1	0.01	-0.01	-0.01	0.00		ppb
Arsenic	75-1	0.02	0.25	0.65	0.31	105.16	ppb
Barium	135-1	6.94	6.69	7.05	6.89	2.66	ppb
Barium	137-1	6.78	6.69	7.09	6.85	3.05	ppb
Beryllium	9-1	-0.06	-0.02	-0.03	-0.04		ppb
Bismuth	209-1				114		%
Bismuth	209-2				102		%
Boron	10-1	-1.11	-1.03	-0.89	-1.01		ppb
Boron	11-1	-0.66	-0.87	-0.77	-0.77		ppb
Cadmium	111-1	0.01	-0.07	0.02	-0.01		ppb
Cadmium	106-1	-0.75	-1.76	-0.18	-0.90		ppb
Cadmium	108-1	-0.01	-0.06	-0.06	-0.04		ppb
Calcium	43-1	615.47	595.34	622.67	611.16	2.32	ppb
Calcium	44-1	612.34	596.18	620.99	609.84	2.06	ppb
Chromium	52-2	3.66	3.38	3.49	3.51	3.93	ppb
Cobalt	59-2	0.06	0.05	0.09	0.07	28.82	ppb
Copper	63-2	2.60	2.67	3.04	2.77	8.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				98		%
Indium	115-1				103		%
Indium	115-2				92		%
Iron	56-2	276.47	274.70	264.97	272.05	2.28	ppb
Iron	57-2	276.01	289.96	259.13	275.03	5.61	ppb
Krypton	83-1						cps
Lead	206-1	8.23	8.05	8.26	8.18	1.34	ppb
Lead	207-1	7.53	7.46	8.00	7.67	3.84	ppb
Lead	208-1	7.81	7.79	8.06	7.89	1.90	ppb
Lithium	6-1				96		%
Magnesium	24-2	19.63	15.99	11.46	15.69	26.09	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-21	Instrumnet Name :	P8
Client Sample ID :	MDANF2	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:58:35	DataFile Name :	097SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.70	1.84	2.00	1.85	8.01	ppb
Molybdenum	94-1	0.27	0.22	0.33	0.28	19.09	ppb
Molybdenum	95-1	-0.01	0.02	0.01	0.01	168.69	ppb
Molybdenum	96-1	0.06	0.02	0.08	0.05	52.01	ppb
Molybdenum	97-1	0.01	0.04	-0.02	0.01	363.94	ppb
Molybdenum	98-1	0.00	0.02	0.03	0.02	89.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.55	0.50	1.19	1.08	49.39	ppb
Phosphorus	31-2	-18.47	25.14	189.73	65.47	167.73	ppb
Potassium	39-2	-35.18	-3.49	-17.14	-18.60		ppb
Rhodium	103-1				100		%
Rhodium	103-2				96		%
Scandium	45-1				92		%
Scandium	45-2				87		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.31	-0.55	-0.55	0.07	1504.15	ppb
Selenium	82-1	-0.51	-0.65	0.37	-0.26		ppb
Silicon	28-1	346.06	263.01	343.51	317.53	14.87	ppb
Silver	109-1	0.05	0.06	0.05	0.05	16.89	ppb
Silver	107-1	0.05	0.06	0.05	0.05	9.53	ppb
Sodium	23-2	5.93	7.24	13.54	8.90	45.71	ppb
Strontium	86-1	3.08	3.12	3.14	3.11	0.92	ppb
Strontium	88-1	3.08	2.96	3.12	3.05	2.81	ppb
Sulfur	34-1	-1151.48	-1156.65	-1023.65	-1110.59		ppb
Terbium	159-1				109		%
Terbium	159-2				98		%
Thallium	203-1	-0.02	-0.02	-0.03	-0.03		ppb
Thallium	205-1	-0.02	-0.02	-0.02	-0.02		ppb
Tin	118-1	0.58	0.52	0.61	0.57	8.25	ppb
Titanium	47-1	28.52	13.84	20.47	20.94	35.12	ppb
Uranium	238-1	0.04	0.04	0.05	0.04	11.29	ppb
Vanadium	51-2	1.98	1.98	1.70	1.89	8.47	ppb
Yttrium	89-1				100		%
Yttrium	89-2				90		%
Zinc	66-2	13.01	16.59	13.34	14.32	13.83	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-21	Instrumnet Name :	P8
Client Sample ID :	MDANF2	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:58:35	DataFile Name :	097SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.17	0.17	0.14	0.16	12.50	ppb
Zirconium	91-1	0.19	0.24	0.17	0.20	18.48	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-22	Instrumnet Name :	P8
Client Sample ID :	MDANF3	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 22:01:55	DataFile Name :	098SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5621.78	5450.04	5745.50	5605.77	2.65	ppb
Antimony	121-1	0.01	0.05	0.00	0.02	120.22	ppb
Arsenic	75-1	0.10	0.40	0.16	0.22	70.95	ppb
Barium	135-1	5.01	5.31	5.43	5.25	4.13	ppb
Barium	137-1	5.14	5.59	5.20	5.31	4.62	ppb
Beryllium	9-1	-0.02	-0.04	0.00	-0.02		ppb
Bismuth	209-1				118		%
Bismuth	209-2				104		%
Boron	10-1	-0.30	-0.38	-0.92	-0.53		ppb
Boron	11-1	-0.49	-0.45	-0.42	-0.46		ppb
Cadmium	111-1	-0.11	0.00	0.02	-0.03		ppb
Cadmium	106-1	-1.52	-0.31	0.07	-0.59		ppb
Cadmium	108-1	0.37	0.04	0.09	0.17	107.98	ppb
Calcium	43-1	2993.30	3048.03	3001.97	3014.43	0.98	ppb
Calcium	44-1	2936.14	3012.43	2989.21	2979.26	1.31	ppb
Chromium	52-2	9.26	9.19	9.42	9.29	1.28	ppb
Cobalt	59-2	0.09	0.07	0.08	0.08	12.86	ppb
Copper	63-2	1.07	1.02	0.96	1.02	5.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				100		%
Indium	115-1				105		%
Indium	115-2				93		%
Iron	56-2	334.41	335.68	342.46	337.52	1.28	ppb
Iron	57-2	354.73	321.48	322.08	332.76	5.72	ppb
Krypton	83-1						cps
Lead	206-1	6.29	6.50	6.34	6.38	1.74	ppb
Lead	207-1	5.88	6.00	5.81	5.90	1.56	ppb
Lead	208-1	6.10	6.27	6.11	6.16	1.58	ppb
Lithium	6-1				97		%
Magnesium	24-2	103.52	115.08	118.61	112.40	7.02	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-22	Instrumnet Name :	P8
Client Sample ID :	MDANF3	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 22:01:55	DataFile Name :	098SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.82	1.29	1.21	1.11	22.61	ppb
Molybdenum	94-1	1.21	1.94	1.26	1.47	27.82	ppb
Molybdenum	95-1	0.02	0.01	0.03	0.02	32.55	ppb
Molybdenum	96-1	0.17	0.19	0.16	0.17	6.82	ppb
Molybdenum	97-1	0.01	0.05	0.08	0.05	71.24	ppb
Molybdenum	98-1	0.02	0.03	0.03	0.03	35.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.51	1.77	1.39	1.56	12.51	ppb
Phosphorus	31-2	-18.47	151.84	-18.47	38.30	256.74	ppb
Potassium	39-2	-6.05	16.93	-24.28	-4.47		ppb
Rhodium	103-1				102		%
Rhodium	103-2				98		%
Scandium	45-1				93		%
Scandium	45-2				89		%
Selenium	77-2	0.00	10.63	21.32	10.65	100.11	ppb
Selenium	78-2	-0.55	6.62	3.04	3.03	118.06	ppb
Selenium	82-1	0.95	0.64	0.28	0.62	53.66	ppb
Silicon	28-1	802.73	1184.16	909.80	965.56	20.37	ppb
Silver	109-1	0.02	0.02	0.03	0.02	37.86	ppb
Silver	107-1	0.01	0.03	0.03	0.03	41.47	ppb
Sodium	23-2	2.12	13.97	7.36	7.82	75.97	ppb
Strontium	86-1	28.00	29.35	28.68	28.68	2.36	ppb
Strontium	88-1	28.41	29.65	29.20	29.09	2.15	ppb
Sulfur	34-1	-1267.50	-1160.43	-1308.04	-1245.32		ppb
Terbium	159-1				110		%
Terbium	159-2				99		%
Thallium	203-1	-0.02	-0.01	-0.02	-0.02		ppb
Thallium	205-1	-0.02	-0.01	-0.02	-0.02		ppb
Tin	118-1	0.09	0.11	0.11	0.11	10.63	ppb
Titanium	47-1	28.60	43.29	59.67	43.86	35.45	ppb
Uranium	238-1	0.29	0.30	0.27	0.29	6.22	ppb
Vanadium	51-2	2.57	3.17	2.39	2.71	15.09	ppb
Yttrium	89-1				102		%
Yttrium	89-2				92		%
Zinc	66-2	2.65	1.77	1.75	2.06	25.07	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-22	Instrumnet Name :	P8
Client Sample ID :	MDANF3	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 22:01:55	DataFile Name :	098SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.67	0.86	0.86	0.80	14.13	ppb
Zirconium	91-1	0.94	1.02	0.89	0.95	6.92	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	CCV015	Instrumnet Name :	P8
Client Sample ID :	CCV015	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 22:05:16	DataFile Name :	099CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48326.14	46883.65	48123.86	47777.89	1.63	ppb
Antimony	121-1	468.13	477.98	478.20	474.77	1.21	ppb
Arsenic	75-1	493.63	492.13	484.21	489.99	1.03	ppb
Barium	135-1	2395.29	2418.68	2449.41	2421.13	1.12	ppb
Barium	137-1	2393.15	2415.72	2431.55	2413.47	0.80	ppb
Beryllium	9-1	481.64	492.89	493.09	489.21	1.34	ppb
Bismuth	209-1				110		%
Bismuth	209-2				99		%
Boron	10-1	456.15	478.74	489.48	474.79	3.58	ppb
Boron	11-1	460.60	485.08	493.02	479.57	3.52	ppb
Cadmium	111-1	459.71	461.61	465.16	462.16	0.60	ppb
Cadmium	106-1	468.77	460.35	458.11	462.41	1.22	ppb
Cadmium	108-1	464.94	458.32	470.36	464.54	1.30	ppb
Calcium	43-1	241937.01	238710.38	239597.14	240081.51	0.69	ppb
Calcium	44-1	237527.42	238042.98	237937.53	237835.97	0.11	ppb
Chromium	52-2	493.13	490.61	503.64	495.79	1.39	ppb
Cobalt	59-2	483.61	477.42	487.34	482.79	1.04	ppb
Copper	63-2	956.65	941.07	956.49	951.40	0.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				91		%
Iron	56-2	124967.98	121966.36	124851.29	123928.54	1.37	ppb
Iron	57-2	123081.55	120851.43	124869.01	122934.00	1.64	ppb
Krypton	83-1						cps
Lead	206-1	485.05	493.50	503.57	494.04	1.88	ppb
Lead	207-1	486.45	497.20	500.28	494.64	1.47	ppb
Lead	208-1	487.62	494.79	502.81	495.07	1.53	ppb
Lithium	6-1				94		%
Magnesium	24-2	242748.53	238815.29	246280.77	242614.86	1.54	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	CCV015	Instrumnet Name :	P8
Client Sample ID :	CCV015	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 22:05:16	DataFile Name :	099CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	971.85	931.52	964.10	955.82	2.24	ppb
Molybdenum	94-1	2488.64	2472.20	2555.61	2505.48	1.76	ppb
Molybdenum	95-1	2511.45	2480.18	2532.51	2508.05	1.05	ppb
Molybdenum	96-1	2490.62	2467.69	2537.93	2498.74	1.43	ppb
Molybdenum	97-1	2469.34	2525.05	2549.16	2514.52	1.63	ppb
Molybdenum	98-1	2482.60	2464.36	2521.44	2489.46	1.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	496.18	483.76	495.12	491.69	1.40	ppb
Phosphorus	31-2	9636.30	8201.20	9494.08	9110.52	8.68	ppb
Potassium	39-2	116052.89	114658.84	118300.63	116337.46	1.58	ppb
Rhodium	103-1				95		%
Rhodium	103-2				91		%
Scandium	45-1				94		%
Scandium	45-2				91		%
Selenium	77-2	466.88	481.11	429.87	459.29	5.76	ppb
Selenium	78-2	494.28	437.87	453.08	461.74	6.32	ppb
Selenium	82-1	481.54	483.92	487.02	484.16	0.57	ppb
Silicon	28-1	426.77	428.65	427.83	427.75	0.22	ppb
Silver	109-1	472.15	468.68	468.56	469.80	0.43	ppb
Silver	107-1	468.63	468.70	467.42	468.25	0.15	ppb
Sodium	23-2	242973.07	240877.67	247020.61	243623.78	1.28	ppb
Strontium	86-1	491.15	491.14	500.75	494.35	1.12	ppb
Strontium	88-1	501.70	508.90	509.36	506.65	0.85	ppb
Sulfur	34-1	9231.37	9130.30	8998.57	9120.08	1.28	ppb
Terbium	159-1				110		%
Terbium	159-2				100		%
Thallium	203-1	488.24	502.45	503.71	498.13	1.72	ppb
Thallium	205-1	491.80	499.43	505.64	498.96	1.39	ppb
Tin	118-1	471.30	479.95	486.11	479.12	1.55	ppb
Titanium	47-1	2470.46	2494.95	2471.48	2478.96	0.56	ppb
Uranium	238-1	504.03	507.65	521.59	511.09	1.81	ppb
Vanadium	51-2	485.01	475.13	489.05	483.07	1.48	ppb
Yttrium	89-1				100		%
Yttrium	89-2				93		%
Zinc	66-2	955.34	942.12	953.45	950.30	0.75	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	CCV015	Instrumnet Name :	P8
Client Sample ID :	CCV015	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 22:05:16	DataFile Name :	099CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	494.61	500.33	505.85	500.26	1.12	ppb
Zirconium	91-1	483.95	482.94	495.63	487.51	1.45	ppb

LB Number : LB94183 Operator : Jaswal
 Lab Sample ID : CCB015 Instrumnet Name : P8
 Client Sample ID : CCB015 Dilution Factor : 1
 Date & Time Acquired :: 2018-03-23 22:08:29 DataFile Name : 100CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.57	-0.83	4.64	2.79	112.22	ppb
Antimony	121-1	1.50	1.53	1.63	1.55	4.29	ppb
Arsenic	75-1	0.12	0.09	0.09	0.10	16.12	ppb
Barium	135-1	0.07	0.10	0.08	0.08	20.26	ppb
Barium	137-1	0.10	0.08	0.09	0.09	9.55	ppb
Beryllium	9-1	0.11	0.11	0.14	0.12	11.09	ppb
Bismuth	209-1				114		%
Bismuth	209-2				105		%
Boron	10-1	12.23	8.76	9.12	10.04	19.05	ppb
Boron	11-1	12.63	10.43	8.86	10.64	17.77	ppb
Cadmium	111-1	-0.01	-0.01	0.01	0.00		ppb
Cadmium	106-1	-1.19	-0.85	-0.38	-0.80		ppb
Cadmium	108-1	0.19	-0.11	-0.06	0.01	1939.31	ppb
Calcium	43-1	5.70	8.89	6.34	6.98	24.19	ppb
Calcium	44-1	20.38	17.00	12.79	16.72	22.75	ppb
Chromium	52-2	0.11	0.04	0.10	0.08	47.27	ppb
Cobalt	59-2	0.00	-0.01	-0.02	-0.01		ppb
Copper	63-2	0.11	0.11	0.11	0.11	2.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				103		%
Indium	115-1				106		%
Indium	115-2				97		%
Iron	56-2	6.78	5.66	5.92	6.12	9.58	ppb
Iron	57-2	3.25	6.49	8.46	6.07	43.33	ppb
Krypton	83-1						cps
Lead	206-1	0.10	0.08	0.05	0.08	30.46	ppb
Lead	207-1	0.06	0.08	0.04	0.06	32.68	ppb
Lead	208-1	0.07	0.07	0.05	0.06	15.58	ppb
Lithium	6-1				98		%
Magnesium	24-2	8.05	7.76	14.99	10.27	39.86	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	CCB015	Instrumnet Name :	P8
Client Sample ID :	CCB015	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 22:08:29	DataFile Name :	100CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.07	0.13	0.04	0.08	52.57	ppb
Molybdenum	94-1	1.01	1.14	1.37	1.17	15.75	ppb
Molybdenum	95-1	1.42	1.62	1.54	1.53	6.63	ppb
Molybdenum	96-1	1.39	1.47	1.64	1.50	8.37	ppb
Molybdenum	97-1	1.20	1.48	1.85	1.51	21.44	ppb
Molybdenum	98-1	1.34	1.68	1.74	1.59	13.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-1.02	-1.23	-1.26	-1.17		ppb
Phosphorus	31-2	-18.47	-18.47	63.11	8.72	539.97	ppb
Potassium	39-2	-12.37	9.61	-10.34	-4.37		ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				96		%
Scandium	45-2				93		%
Selenium	77-2	0.00	10.24	0.00	3.41	173.21	ppb
Selenium	78-2	2.88	1.18	1.21	1.76	55.65	ppb
Selenium	82-1	-0.32	0.13	0.23	0.01	2409.48	ppb
Silicon	28-1	-10.79	-12.06	-14.31	-12.39		ppb
Silver	109-1	0.06	0.03	0.04	0.04	33.86	ppb
Silver	107-1	0.05	0.05	0.04	0.05	16.05	ppb
Sodium	23-2	36.11	31.89	27.09	31.70	14.24	ppb
Strontium	86-1	0.01	-0.03	0.04	0.01	488.77	ppb
Strontium	88-1	0.04	0.02	0.02	0.02	42.47	ppb
Sulfur	34-1	-701.45	-758.17	-971.05	-810.22		ppb
Terbium	159-1				109		%
Terbium	159-2				102		%
Thallium	203-1	0.14	0.10	0.13	0.12	15.02	ppb
Thallium	205-1	0.14	0.12	0.11	0.13	14.21	ppb
Tin	118-1	0.32	0.33	0.37	0.34	8.12	ppb
Titanium	47-1	0.17	0.23	0.10	0.16	37.97	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	7.97	ppb
Vanadium	51-2	0.00	-0.01	-0.01	0.00		ppb
Yttrium	89-1				102		%
Yttrium	89-2				95		%
Zinc	66-2	0.26	0.16	0.32	0.25	33.46	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	CCB015	Instrumnet Name :	P8
Client Sample ID :	CCB015	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 22:08:29	DataFile Name :	100CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.10	0.09	0.09	0.09	6.47	ppb
Zirconium	91-1	0.10	0.13	0.12	0.12	14.22	ppb

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 16:10:04	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	0	0	3	173.21	cps
Antimony	121-1	408	458	667	511	26.81	cps
Arsenic	75-1	543	597	447	529	14.31	cps
Barium	135-1	33	17	25	25	33.32	cps
Barium	137-1	8	83	42	44	84.56	cps
Beryllium	9-1	94	89	133	106	22.94	cps
Bismuth	209-1	5363565	5479721	5369173	5404153	1.21	cps
Bismuth	209-2	1415445	1395840	1435610	1415632	1.40	cps
Boron	10-1	133	150	150	144	6.66	cps
Boron	11-1	592	692	575	619	10.19	cps
Cadmium	111-1	828	866	781	825	5.14	cps
Cadmium	106-1	1175	1233	1117	1175	4.96	cps
Cadmium	108-1	4	8	13	8	49.98	cps
Calcium	43-1	475	475	508	486	3.96	cps
Calcium	44-1	6777	6960	7311	7016	3.86	cps
Chromium	52-2	110	127	107	114	9.36	cps
Cobalt	59-2	37	40	40	39	4.94	cps
Copper	63-2	107	120	93	107	12.50	cps
Dysprosium	156-1	8	0	17	8	100.02	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	25	25	25	25	0.00	cps
Erbium	164-2	13	3	7	8	65.47	cps
Gadolinium	160-1	25	58	8	31	83.33	cps
Gadolinium	160-2	3	3	3	3	0.00	cps
Holmium	165-1	8276838	8471626	8318337	8355601	1.23	cps
Holmium	165-2	1735285	1684435	1747474	1722398	1.94	cps
Indium	115-1	6784003	6817575	6758899	6786826	0.43	cps
Indium	115-2	250958	247557	254037	250851	1.29	cps
Iron	56-2	678	606	728	670	9.17	cps
Iron	57-2	17	11	11	13	24.76	cps
Krypton	83-1	207	193	210	203	4.34	cps
Lead	206-1	156	239	156	183	26.24	cps
Lead	207-1	167	156	206	176	14.92	cps
Lead	208-1	794	828	728	783	6.50	cps
Lithium	6-1	1173874	1229879	1195448	1199734	2.35	cps
Magnesium	24-2	150	92	150	131	25.80	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 16:10:04	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	7	10	0	6	91.64	cps
Molybdenum	94-1	283	217	317	272	18.70	cps
Molybdenum	95-1	167	142	225	178	24.06	cps
Molybdenum	96-1	200	267	258	242	15.03	cps
Molybdenum	97-1	167	117	142	142	17.65	cps
Molybdenum	98-1	150	233	342	242	39.77	cps
Neodymium	150-1	0	20	13	11	91.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	607	583	630	607	3.85	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	1500	1542	1283	1442	9.62	cps
Rhodium	103-1	6348621	6485506	6369137	6401088	1.15	cps
Rhodium	103-2	1603491	1534608	1599563	1579220	2.45	cps
Scandium	45-1	3947435	4057914	3932674	3979341	1.72	cps
Scandium	45-2	27083	26635	26973	26897	0.87	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	0	1	173.21	cps
Selenium	82-1	14	28	-14	9	224.11	cps
Silicon	28-1	276375	274920	276942	276079	0.38	cps
Silver	109-1	17	58	50	42	52.91	cps
Silver	107-1	58	58	42	53	18.23	cps
Sodium	23-2	2742	2684	2742	2723	1.24	cps
Strontium	86-1	258	358	300	306	16.44	cps
Strontium	88-1	25	67	83	58	51.51	cps
Sulfur	34-1	280872	282161	282860	281965	0.36	cps
Terbium	159-1	8609268	8865321	8727576	8734055	1.47	cps
Terbium	159-2	1646574	1625667	1673239	1648493	1.45	cps
Thallium	203-1	183	117	142	147	22.88	cps
Thallium	205-1	350	317	425	364	15.25	cps
Tin	118-1	925	1042	1108	1025	9.05	cps
Titanium	47-1	100	83	75	86	14.79	cps
Uranium	238-1	33	33	58	42	34.65	cps
Vanadium	51-2	3	10	3	6	69.34	cps
Yttrium	89-1	7053513	7134660	7007194	7065122	0.91	cps
Yttrium	89-2	185363	180529	188704	184865	2.22	cps
Zinc	66-2	10	10	10	10	0.00	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 16:10:04	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	458	442	525	475	9.28	cps
Zirconium	91-1	50	50	75	58	24.74	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 16:17:38	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	75	108	86	22.35	cps
Antimony	121-1	10613	10329	10496	10480	1.36	cps
Arsenic	75-1	1847	2011	1980	1946	4.49	cps
Barium	135-1	10446	10238	10213	10299	1.25	cps
Barium	137-1	18121	18681	18005	18269	1.98	cps
Beryllium	9-1	728	767	639	711	9.21	cps
Bismuth	209-1	5404022	5355960	5446056	5402013	0.83	cps
Bismuth	209-2	1442257	1446969	1421179	1436802	0.96	cps
Boron	10-1	2167	2009	2109	2095	3.82	cps
Boron	11-1	8803	9395	9162	9120	3.27	cps
Cadmium	111-1	1766	1751	1812	1777	1.79	cps
Cadmium	106-1	1092	1192	1217	1167	5.67	cps
Cadmium	108-1	63	83	104	83	25.00	cps
Calcium	43-1	5876	6218	5935	6010	3.04	cps
Calcium	44-1	96900	96706	97505	97037	0.43	cps
Chromium	52-2	833	973	1007	938	9.81	cps
Cobalt	59-2	1010	890	910	937	6.86	cps
Copper	63-2	1733	1623	1833	1730	6.07	cps
Dysprosium	156-1	0	17	0	6	173.21	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	58	25	58	47	40.76	cps
Erbium	164-2	10	0	3	4	114.60	cps
Gadolinium	160-1	42	42	25	36	26.65	cps
Gadolinium	160-2	3	0	0	1	173.21	cps
Holmium	165-1	8305805	8155266	8397150	8286074	1.47	cps
Holmium	165-2	1732647	1724141	1716471	1724420	0.47	cps
Indium	115-1	6763942	6704046	6901318	6789769	1.49	cps
Indium	115-2	254332	251572	247307	251070	1.41	cps
Iron	56-2	14352	14274	14319	14315	0.27	cps
Iron	57-2	339	311	306	319	5.61	cps
Krypton	83-1	290	210	237	246	16.59	cps
Lead	206-1	3434	3445	3284	3388	2.66	cps
Lead	207-1	3367	2989	3123	3160	6.07	cps
Lead	208-1	14398	13937	13998	14111	1.78	cps
Lithium	6-1	1208980	1186752	1206302	1200678	1.01	cps
Magnesium	24-2	8003	8003	7669	7891	2.44	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 16:17:38	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	103	157	110	123	23.56	cps
Molybdenum	94-1	8586	8295	8853	8578	3.26	cps
Molybdenum	95-1	10229	10504	10279	10338	1.42	cps
Molybdenum	96-1	11614	11397	10972	11327	2.88	cps
Molybdenum	97-1	6493	6252	6535	6427	2.38	cps
Molybdenum	98-1	16269	16377	16736	16461	1.49	cps
Neodymium	150-1	13	7	0	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	953	893	957	934	3.81	cps
Phosphorus	31-2	8	8	8	8	0.00	cps
Potassium	39-2	5560	5326	5668	5518	3.17	cps
Rhodium	103-1	6283903	6246225	6411220	6313783	1.37	cps
Rhodium	103-2	1580429	1578456	1560241	1573042	0.71	cps
Scandium	45-1	3962161	3899012	4023752	3961642	1.57	cps
Scandium	45-2	27274	27230	26913	27139	0.73	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	2	6	4	4	50.09	cps
Selenium	82-1	277	353	319	316	12.09	cps
Silicon	28-1	320446	315232	314908	316862	0.98	cps
Silver	109-1	4909	4718	4859	4829	2.06	cps
Silver	107-1	5251	5318	5593	5387	3.36	cps
Sodium	23-2	21342	20683	21133	21053	1.60	cps
Strontium	86-1	1750	1634	1709	1697	3.48	cps
Strontium	88-1	11856	11714	12047	11872	1.41	cps
Sulfur	34-1	286449	285136	286641	286075	0.29	cps
Terbium	159-1	8663792	8577442	8682864	8641366	0.65	cps
Terbium	159-2	1683995	1670735	1641075	1665268	1.32	cps
Thallium	203-1	3834	4059	4434	4109	7.38	cps
Thallium	205-1	10071	9888	9913	9957	1.00	cps
Tin	118-1	17921	17612	18572	18035	2.72	cps
Titanium	47-1	2575	3176	3017	2923	10.64	cps
Uranium	238-1	12507	12140	11856	12168	2.68	cps
Vanadium	51-2	1330	1500	1457	1429	6.18	cps
Yttrium	89-1	7017324	6903084	7187376	7035928	2.03	cps
Yttrium	89-2	185832	185254	181794	184293	1.19	cps
Zinc	66-2	197	217	203	206	4.95	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 16:17:38	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	7311	7552	7369	7411	1.70	cps
Zirconium	91-1	1625	1750	1508	1628	7.42	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 16:21:22	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3226	3242	3501	3323	4.64	cps
Antimony	121-1	270053	270830	271405	270763	0.25	cps
Arsenic	75-1	67613	68865	68637	68371	0.97	cps
Barium	135-1	292067	292410	291627	292035	0.13	cps
Barium	137-1	505119	515206	513090	511138	1.04	cps
Beryllium	9-1	34821	34698	34720	34746	0.19	cps
Bismuth	209-1	5410940	5454155	5402909	5422668	0.51	cps
Bismuth	209-2	1454130	1342740	1447124	1414664	4.41	cps
Boron	10-1	4051	4293	4218	4187	2.96	cps
Boron	11-1	19447	19472	19990	19636	1.56	cps
Cadmium	111-1	58515	58265	59636	58805	1.24	cps
Cadmium	106-1	7494	7594	7277	7455	2.17	cps
Cadmium	108-1	3930	4376	4401	4235	6.26	cps
Calcium	43-1	60623	61586	60263	60824	1.12	cps
Calcium	44-1	1001498	1008808	993837	1001381	0.75	cps
Chromium	52-2	22528	22612	21851	22330	1.87	cps
Cobalt	59-2	49762	51177	49093	50011	2.13	cps
Copper	63-2	87580	87604	86537	87241	0.70	cps
Dysprosium	156-1	8	17	33	19	65.47	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	33	25	58	39	44.62	cps
Erbium	164-2	10	10	0	7	86.60	cps
Gadolinium	160-1	42	0	17	19	107.85	cps
Gadolinium	160-2	7	0	10	6	91.64	cps
Holmium	165-1	8405214	8308963	8250755	8321644	0.94	cps
Holmium	165-2	1748997	1605773	1734525	1696432	4.65	cps
Indium	115-1	6886294	6868386	6748965	6834548	1.09	cps
Indium	115-2	252913	232812	253499	246408	4.78	cps
Iron	56-2	740260	743484	725398	736380	1.31	cps
Iron	57-2	18797	18874	18641	18771	0.63	cps
Krypton	83-1	180	227	237	214	14.11	cps
Lead	206-1	170344	171274	170130	170583	0.36	cps
Lead	207-1	157352	152535	156329	155406	1.63	cps
Lead	208-1	695388	689818	697221	694142	0.56	cps
Lithium	6-1	1181807	1206769	1185381	1191319	1.13	cps
Magnesium	24-2	87427	86806	84853	86362	1.56	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 16:21:22	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	12269	12496	11598	12121	3.85	cps
Molybdenum	94-1	462103	462976	460527	461869	0.27	cps
Molybdenum	95-1	566958	569640	564192	566930	0.48	cps
Molybdenum	96-1	639141	629342	627794	632092	0.97	cps
Molybdenum	97-1	360260	354294	351991	355515	1.20	cps
Molybdenum	98-1	908168	915831	910393	911464	0.43	cps
Neodymium	150-1	13	20	33	22	45.85	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	15315	15619	15055	15330	1.84	cps
Phosphorus	31-2	125	208	225	186	28.79	cps
Potassium	39-2	23120	23112	23345	23192	0.57	cps
Rhodium	103-1	6285775	6408248	6241421	6311815	1.37	cps
Rhodium	103-2	1573222	1438655	1584458	1532112	5.30	cps
Scandium	45-1	3962935	3979832	3886570	3943113	1.26	cps
Scandium	45-2	27754	25694	27106	26852	3.92	cps
Selenium	77-2	7	13	17	12	41.65	cps
Selenium	78-2	56	50	54	53	5.33	cps
Selenium	82-1	3624	3642	3523	3596	1.78	cps
Silicon	28-1	425838	425900	431179	427639	0.72	cps
Silver	109-1	275624	276018	276339	275994	0.13	cps
Silver	107-1	288743	289274	288222	288746	0.18	cps
Sodium	23-2	201573	202150	197851	200525	1.16	cps
Strontium	86-1	72351	74679	74001	73677	1.63	cps
Strontium	88-1	632547	633363	629199	631703	0.35	cps
Sulfur	34-1	320774	315933	317988	318232	0.76	cps
Terbium	159-1	8598969	8743120	8604205	8648765	0.95	cps
Terbium	159-2	1675161	1537690	1670507	1627786	4.80	cps
Thallium	203-1	213446	207425	211536	210802	1.46	cps
Thallium	205-1	499767	507445	506818	504677	0.84	cps
Tin	118-1	187489	189531	192548	189856	1.34	cps
Titanium	47-1	148748	148455	147898	148367	0.29	cps
Uranium	238-1	638087	642712	641358	640719	0.37	cps
Vanadium	51-2	17207	16670	16680	16853	1.82	cps
Yttrium	89-1	7114876	7134323	7000826	7083342	1.02	cps
Yttrium	89-2	186604	172454	187430	182162	4.62	cps
Zinc	66-2	7746	7489	7212	7482	3.57	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 16:21:22	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	380368	381429	381524	381107	0.17	cps
Zirconium	91-1	84051	84161	84093	84101	0.07	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 16:25:06	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8353	8520	7936	8269	3.64	cps
Antimony	121-1	679908	683903	687437	683750	0.55	cps
Arsenic	75-1	170945	171944	170931	171273	0.34	cps
Barium	135-1	731524	743242	742485	739084	0.89	cps
Barium	137-1	1272873	1289100	1272579	1278184	0.74	cps
Beryllium	9-1	85218	85268	84888	85125	0.24	cps
Bismuth	209-1	5550043	5456359	5406328	5470910	1.33	cps
Bismuth	209-2	1438759	1429550	1443992	1437434	0.51	cps
Boron	10-1	10271	9620	10162	10018	3.48	cps
Boron	11-1	47371	49161	48784	48439	1.95	cps
Cadmium	111-1	145677	145575	147668	146306	0.81	cps
Cadmium	106-1	15885	16160	16703	16249	2.56	cps
Cadmium	108-1	10671	10629	10629	10643	0.23	cps
Calcium	43-1	152931	152006	152952	152630	0.35	cps
Calcium	44-1	2490808	2525353	2516387	2510849	0.71	cps
Chromium	52-2	54091	55152	54456	54566	0.99	cps
Cobalt	59-2	121618	122132	121457	121736	0.29	cps
Copper	63-2	214705	215155	211524	213795	0.93	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	33	17	42	31	41.66	cps
Erbium	164-2	0	3	3	2	86.60	cps
Gadolinium	160-1	25	25	17	22	21.64	cps
Gadolinium	160-2	7	3	0	3	100.05	cps
Holmium	165-1	8677914	8470173	8347462	8498516	1.97	cps
Holmium	165-2	1724931	1700049	1749282	1724754	1.43	cps
Indium	115-1	6970865	6869482	6667341	6835896	2.26	cps
Indium	115-2	247531	243602	250880	247338	1.47	cps
Iron	56-2	1827397	1833721	1824828	1828649	0.25	cps
Iron	57-2	45424	46266	44377	45356	2.09	cps
Krypton	83-1	203	220	197	207	5.82	cps
Lead	206-1	436017	432662	429503	432727	0.75	cps
Lead	207-1	388275	390630	389160	389355	0.31	cps
Lead	208-1	1757883	1752876	1755233	1755331	0.14	cps
Lithium	6-1	1221909	1214867	1178880	1205219	1.92	cps
Magnesium	24-2	212770	214448	213193	213470	0.41	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 16:25:06	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	29448	29020	28970	29146	0.90	cps
Molybdenum	94-1	1150416	1162809	1160766	1157997	0.57	cps
Molybdenum	95-1	1398908	1419949	1442282	1420379	1.53	cps
Molybdenum	96-1	1592842	1615426	1613200	1607156	0.77	cps
Molybdenum	97-1	876294	883471	885923	881896	0.57	cps
Molybdenum	98-1	2290604	2303146	2303645	2299132	0.32	cps
Neodymium	150-1	27	60	27	38	50.93	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	35509	36227	36090	35942	1.06	cps
Phosphorus	31-2	558	442	450	483	13.47	cps
Potassium	39-2	54740	53553	53553	53949	1.27	cps
Rhodium	103-1	6310944	6333211	6222496	6288884	0.93	cps
Rhodium	103-2	1569050	1525186	1567661	1553966	1.60	cps
Scandium	45-1	4002525	3965600	3898337	3955487	1.34	cps
Scandium	45-2	26549	26899	26579	26676	0.73	cps
Selenium	77-2	73	37	43	51	38.22	cps
Selenium	78-2	159	131	135	142	10.62	cps
Selenium	82-1	9059	9144	9294	9166	1.30	cps
Silicon	28-1	649297	656077	658354	654576	0.72	cps
Silver	109-1	683468	689148	681989	684868	0.55	cps
Silver	107-1	709555	717599	717533	714896	0.65	cps
Sodium	23-2	494207	489073	490733	491338	0.53	cps
Strontium	86-1	182016	181516	180588	181374	0.40	cps
Strontium	88-1	1568868	1598075	1599396	1588779	1.09	cps
Sulfur	34-1	365101	363231	364795	364376	0.28	cps
Terbium	159-1	8943536	8863654	8613944	8807045	1.95	cps
Terbium	159-2	1670471	1651908	1679325	1667235	0.84	cps
Thallium	203-1	530008	530869	536872	532583	0.70	cps
Thallium	205-1	1281076	1272344	1274224	1275881	0.36	cps
Tin	118-1	479651	478017	474237	477302	0.58	cps
Titanium	47-1	362354	361716	366129	363400	0.66	cps
Uranium	238-1	1669157	1654019	1671294	1664823	0.57	cps
Vanadium	51-2	40512	41455	40586	40851	1.28	cps
Yttrium	89-1	7202285	7122211	7025877	7116791	1.24	cps
Yttrium	89-2	184050	180396	184469	182972	1.22	cps
Zinc	66-2	17595	17568	18115	17759	1.74	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 16:25:06	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	963206	953346	957822	958125	0.52	cps
Zirconium	91-1	213779	213719	211733	213077	0.55	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 16:28:46	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16744	16635	15793	16391	3.18	cps
Antimony	121-1	1369306	1372120	1390363	1377263	0.83	cps
Arsenic	75-1	334465	340382	341509	338785	1.12	cps
Barium	135-1	1469942	1459507	1480763	1470071	0.72	cps
Barium	137-1	2596247	2565387	2591818	2584484	0.65	cps
Beryllium	9-1	168912	166884	166867	167554	0.70	cps
Bismuth	209-1	5520124	5562944	5593539	5558869	0.66	cps
Bismuth	209-2	1416452	1427858	1416240	1420183	0.47	cps
Boron	10-1	19272	19873	20198	19781	2.38	cps
Boron	11-1	93235	95349	97136	95240	2.05	cps
Cadmium	111-1	290851	291519	292235	291535	0.24	cps
Cadmium	106-1	32206	31730	31513	31816	1.11	cps
Cadmium	108-1	20474	20954	21000	20809	1.40	cps
Calcium	43-1	296597	300425	301195	299406	0.82	cps
Calcium	44-1	4879955	4861252	4894873	4878693	0.35	cps
Chromium	52-2	107015	107573	107039	107209	0.29	cps
Cobalt	59-2	235909	239817	239462	238396	0.91	cps
Copper	63-2	412369	417408	419240	416339	0.85	cps
Dysprosium	156-1	33	25	50	36	35.25	cps
Dysprosium	156-2	10	7	0	6	91.64	cps
Erbium	164-1	58	42	17	39	53.93	cps
Erbium	164-2	7	0	7	4	86.60	cps
Gadolinium	160-1	17	50	92	53	71.20	cps
Gadolinium	160-2	3	0	0	1	173.21	cps
Holmium	165-1	8483239	8669097	8616198	8589511	1.11	cps
Holmium	165-2	1713592	1727345	1697487	1712808	0.87	cps
Indium	115-1	6769594	6862066	6946914	6859525	1.29	cps
Indium	115-2	244744	245875	242922	244514	0.61	cps
Iron	56-2	3510173	3581354	3630458	3573995	1.69	cps
Iron	57-2	88580	89788	89815	89394	0.79	cps
Krypton	83-1	203	247	210	220	10.60	cps
Lead	206-1	871024	879398	873239	874554	0.50	cps
Lead	207-1	794952	797188	798372	796838	0.22	cps
Lead	208-1	3606729	3604865	3627428	3613007	0.35	cps
Lithium	6-1	1159101	1172308	1190238	1173882	1.33	cps
Magnesium	24-2	420553	412246	417361	416720	1.01	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 16:28:46	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	57883	58224	57525	57877	0.60	cps
Molybdenum	94-1	2336500	2336717	2358245	2343821	0.53	cps
Molybdenum	95-1	2872089	2887600	2871755	2877148	0.31	cps
Molybdenum	96-1	3185386	3186777	3172810	3181658	0.24	cps
Molybdenum	97-1	1802723	1803919	1800077	1802240	0.11	cps
Molybdenum	98-1	4575370	4561840	4577166	4571459	0.18	cps
Neodymium	150-1	53	60	67	60	11.11	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	69844	70219	70250	70104	0.32	cps
Phosphorus	31-2	1083	1158	1233	1158	6.47	cps
Potassium	39-2	103790	104017	102120	103309	1.00	cps
Rhodium	103-1	6131817	6269613	6249988	6217139	1.20	cps
Rhodium	103-2	1541966	1540230	1527769	1536655	0.50	cps
Scandium	45-1	3822022	3925735	3934588	3894115	1.61	cps
Scandium	45-2	26064	26672	26145	26294	1.26	cps
Selenium	77-2	103	70	67	80	25.35	cps
Selenium	78-2	287	269	274	277	3.44	cps
Selenium	82-1	17900	17747	18029	17892	0.79	cps
Silicon	28-1	1026556	1024571	1035804	1028977	0.58	cps
Silver	109-1	1366366	1375075	1367720	1369720	0.34	cps
Silver	107-1	1423742	1429000	1432743	1428495	0.32	cps
Sodium	23-2	967536	961320	961687	963514	0.36	cps
Strontium	86-1	358353	360959	361798	360370	0.50	cps
Strontium	88-1	3124608	3175780	3198324	3166237	1.19	cps
Sulfur	34-1	439187	441579	437231	439332	0.50	cps
Terbium	159-1	8837947	8957864	8909855	8901888	0.68	cps
Terbium	159-2	1649626	1635534	1627521	1637560	0.68	cps
Thallium	203-1	1081261	1091310	1083663	1085411	0.48	cps
Thallium	205-1	2633679	2632079	2634157	2633305	0.04	cps
Tin	118-1	949083	961707	966894	959228	0.95	cps
Titanium	47-1	716150	714828	720087	717022	0.38	cps
Uranium	238-1	3326630	3353666	3380517	3353604	0.80	cps
Vanadium	51-2	80288	80389	79805	80161	0.39	cps
Yttrium	89-1	6963482	7133343	7120270	7072365	1.34	cps
Yttrium	89-2	182875	181510	179876	181420	0.83	cps
Zinc	66-2	34951	34600	34433	34661	0.76	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 16:28:46	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1941907	1929389	1970182	1947159	1.07	cps
Zirconium	91-1	422442	420735	427340	423506	0.81	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 16:32:21	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	31336	31645	33223	32068	3.16	cps
Antimony	121-1	2810174	2800918	2816120	2809071	0.27	cps
Arsenic	75-1	671379	670959	666066	669468	0.44	cps
Barium	135-1	2976093	2970814	2980493	2975800	0.16	cps
Barium	137-1	5162532	5181643	5154686	5166287	0.27	cps
Beryllium	9-1	324721	326179	326106	325669	0.25	cps
Bismuth	209-1	5610433	5561167	5634762	5602121	0.67	cps
Bismuth	209-2	1419890	1432119	1423054	1425021	0.45	cps
Boron	10-1	39439	38728	40433	39533	2.17	cps
Boron	11-1	184445	188093	189738	187425	1.45	cps
Cadmium	111-1	573624	576174	581347	577049	0.68	cps
Cadmium	106-1	60619	62119	61567	61435	1.23	cps
Cadmium	108-1	42158	41811	41146	41705	1.23	cps
Calcium	43-1	585294	585417	585959	585557	0.06	cps
Calcium	44-1	9525713	9476553	9558738	9520335	0.43	cps
Chromium	52-2	208657	211060	212384	210700	0.90	cps
Cobalt	59-2	469668	475598	480669	475312	1.16	cps
Copper	63-2	815620	821599	829603	822274	0.85	cps
Dysprosium	156-1	25	25	0	17	86.60	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	50	50	25	42	34.64	cps
Erbium	164-2	3	3	7	4	43.40	cps
Gadolinium	160-1	67	33	75	58	37.80	cps
Gadolinium	160-2	17	3	10	10	66.70	cps
Holmium	165-1	8725303	8731142	8746825	8734423	0.13	cps
Holmium	165-2	1725737	1740430	1701090	1722419	1.15	cps
Indium	115-1	6737633	6849765	6819049	6802149	0.85	cps
Indium	115-2	241296	242903	241944	242048	0.33	cps
Iron	56-2	7030284	7102205	7108947	7080479	0.62	cps
Iron	57-2	176702	178420	177780	177634	0.49	cps
Krypton	83-1	223	287	240	250	13.13	cps
Lead	206-1	1785180	1787231	1796949	1789787	0.35	cps
Lead	207-1	1610017	1590636	1602220	1600958	0.61	cps
Lead	208-1	7232511	7237473	7314563	7261516	0.63	cps
Lithium	6-1	1146245	1160654	1142435	1149778	0.84	cps
Magnesium	24-2	810272	826272	828936	821826	1.23	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 16:32:21	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	114481	115153	115872	115169	0.60	cps
Molybdenum	94-1	4658064	4594525	4598741	4617110	0.77	cps
Molybdenum	95-1	5684867	5641342	5651610	5659273	0.40	cps
Molybdenum	96-1	6368585	6368489	6376710	6371261	0.07	cps
Molybdenum	97-1	3545754	3546181	3553347	3548427	0.12	cps
Molybdenum	98-1	9107327	9108364	9079998	9098563	0.18	cps
Neodymium	150-1	200	180	133	171	19.99	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	135848	137854	139147	137616	1.21	cps
Phosphorus	31-2	2409	2142	2184	2245	6.39	cps
Potassium	39-2	198049	203888	204455	202131	1.75	cps
Rhodium	103-1	6167194	6168676	6136821	6157564	0.29	cps
Rhodium	103-2	1529025	1515396	1510300	1518241	0.64	cps
Scandium	45-1	3845765	3869673	3814386	3843275	0.72	cps
Scandium	45-2	26001	26342	25851	26064	0.97	cps
Selenium	77-2	187	160	143	163	13.38	cps
Selenium	78-2	559	543	504	535	5.33	cps
Selenium	82-1	35986	35942	35677	35868	0.47	cps
Silicon	28-1	1655122	1666362	1676391	1665958	0.64	cps
Silver	109-1	2744658	2750719	2764792	2753390	0.38	cps
Silver	107-1	2835503	2863065	2839514	2846027	0.52	cps
Sodium	23-2	1888271	1921941	1931966	1914059	1.20	cps
Strontium	86-1	713890	724580	717744	718738	0.75	cps
Strontium	88-1	6225542	6209152	6203502	6212732	0.18	cps
Sulfur	34-1	594718	591076	587510	591101	0.61	cps
Terbium	159-1	9036680	9005370	9034683	9025578	0.19	cps
Terbium	159-2	1648896	1679626	1656491	1661671	0.96	cps
Thallium	203-1	2222188	2240766	2239912	2234289	0.47	cps
Thallium	205-1	5166146	5223383	5208076	5199202	0.57	cps
Tin	118-1	1928236	1919341	1951181	1932920	0.85	cps
Titanium	47-1	1440489	1454790	1432336	1442538	0.79	cps
Uranium	238-1	6726586	6833667	6821251	6793835	0.86	cps
Vanadium	51-2	158518	160636	164041	161065	1.73	cps
Yttrium	89-1	7065239	7051348	6994917	7037168	0.53	cps
Yttrium	89-2	179195	182044	181546	180928	0.84	cps
Zinc	66-2	69037	69781	69778	69532	0.62	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 16:32:21	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3866089	3867774	3840119	3857994	0.40	cps
Zirconium	91-1	846934	848049	844759	846580	0.20	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 16:35:51	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	64656	63183	63744	63861	1.16	cps
Antimony	121-1	5646140	5608786	5660256	5638394	0.47	cps
Arsenic	75-1	1344954	1340664	1352159	1345926	0.43	cps
Barium	135-1	6012912	5978779	5986463	5992718	0.30	cps
Barium	137-1	10407650	10474160	10406091	10429301	0.37	cps
Beryllium	9-1	639025	639884	641259	640056	0.18	cps
Bismuth	209-1	5780907	5769704	5769704	5773438	0.11	cps
Bismuth	209-2	1281176	1418912	1427731	1375940	5.97	cps
Boron	10-1	76998	79865	80777	79213	2.49	cps
Boron	11-1	368915	372946	380167	374009	1.52	cps
Cadmium	111-1	1165159	1162550	1161633	1163114	0.16	cps
Cadmium	106-1	122704	122663	124134	123167	0.68	cps
Cadmium	108-1	83171	82664	83150	82995	0.35	cps
Calcium	43-1	1160991	1156871	1186829	1168231	1.39	cps
Calcium	44-1	19173805	19269003	19112423	19185077	0.41	cps
Chromium	52-2	416517	419600	418013	418043	0.37	cps
Cobalt	59-2	929333	932385	929915	930544	0.17	cps
Copper	63-2	1611604	1614440	1637038	1621027	0.86	cps
Dysprosium	156-1	58	58	75	64	15.05	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	33	50	33	39	24.75	cps
Erbium	164-2	10	3	0	4	114.60	cps
Gadolinium	160-1	58	50	42	50	16.67	cps
Gadolinium	160-2	7	3	10	7	50.03	cps
Holmium	165-1	8976332	9124603	9050923	9050619	0.82	cps
Holmium	165-2	1556636	1753554	1748553	1686248	6.66	cps
Indium	115-1	6844134	6890385	6908810	6881110	0.48	cps
Indium	115-2	212049	237716	238087	229284	6.51	cps
Iron	56-2	13804653	13907452	13830970	13847692	0.39	cps
Iron	57-2	349788	352510	350977	351092	0.39	cps
Krypton	83-1	230	207	243	227	8.19	cps
Lead	206-1	3659072	3629776	3687605	3658818	0.79	cps
Lead	207-1	3336567	3327017	3362149	3341911	0.54	cps
Lead	208-1	14813890	14850548	14922661	14862367	0.37	cps
Lithium	6-1	1151128	1142137	1144286	1145850	0.41	cps
Magnesium	24-2	1637358	1619178	1637659	1631398	0.65	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 16:35:51	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	226953	227288	227878	227373	0.21	cps
Molybdenum	94-1	9226006	9240529	9265009	9243848	0.21	cps
Molybdenum	95-1	11344136	11421596	11535425	11433719	0.84	cps
Molybdenum	96-1	12815621	12774812	12739904	12776779	0.30	cps
Molybdenum	97-1	7144074	7068785	7084645	7099168	0.56	cps
Molybdenum	98-1	18530823	18392006	18338779	18420536	0.54	cps
Neodymium	150-1	213	233	213	220	5.25	cps
Neodymium	150-2	10	0	0	3	173.21	cps
Nickel	60-2	268794	271871	270698	270455	0.57	cps
Phosphorus	31-2	4151	4434	3959	4181	5.72	cps
Potassium	39-2	388907	392152	397458	392839	1.10	cps
Rhodium	103-1	6225078	6218333	6174480	6205964	0.44	cps
Rhodium	103-2	1355724	1507203	1493245	1452057	5.77	cps
Scandium	45-1	3885962	3906440	3876785	3889729	0.39	cps
Scandium	45-2	23755	26144	26428	25442	5.77	cps
Selenium	77-2	310	310	343	321	5.99	cps
Selenium	78-2	1115	1006	1056	1059	5.17	cps
Selenium	82-1	71922	71786	72586	72098	0.59	cps
Silicon	28-1	2886651	2852922	2904840	2881471	0.91	cps
Silver	109-1	5428196	5415992	5423614	5422601	0.11	cps
Silver	107-1	5667007	5617221	5606014	5630081	0.58	cps
Sodium	23-2	3730153	3725020	3684761	3713311	0.67	cps
Strontium	86-1	1475108	1482377	1479815	1479100	0.25	cps
Strontium	88-1	12461097	12498114	12691985	12550399	0.99	cps
Sulfur	34-1	922582	921184	919500	921089	0.17	cps
Terbium	159-1	9283578	9448808	9395699	9376028	0.90	cps
Terbium	159-2	1499024	1677895	1672779	1616566	6.30	cps
Thallium	203-1	4470128	4506002	4509080	4495070	0.48	cps
Thallium	205-1	10563419	10675548	10676470	10638479	0.61	cps
Tin	118-1	3893724	3920073	3918540	3910779	0.38	cps
Titanium	47-1	2870314	2862916	2854254	2862495	0.28	cps
Uranium	238-1	14002209	14058907	13993971	14018362	0.25	cps
Vanadium	51-2	315715	318438	320076	318076	0.69	cps
Yttrium	89-1	7229668	7193123	7248135	7223642	0.39	cps
Yttrium	89-2	161751	179522	181390	174221	6.22	cps
Zinc	66-2	135420	135830	135648	135633	0.15	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 16:35:51	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	7703896	7706733	7665297	7691975	0.30	cps
Zirconium	91-1	1730297	1748762	1744799	1741286	0.56	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 16:39:18	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	325549	325327	326979	325952	0.28	cps
Antimony	121-1	18689	20809	22436	20645	9.10	cps
Arsenic	75-1	3056	2886	3147	3030	4.37	cps
Barium	135-1	2017	2125	2050	2064	2.69	cps
Barium	137-1	3484	3701	3426	3537	4.10	cps
Beryllium	9-1	650	544	500	565	13.64	cps
Bismuth	209-1	5599905	5711203	5687133	5666080	1.03	cps
Bismuth	209-2	1371418	1363028	1380681	1371709	0.64	cps
Boron	10-1	3942	3692	3409	3681	7.25	cps
Boron	11-1	18396	16610	16285	17097	6.65	cps
Cadmium	111-1	1108	1127	1191	1142	3.81	cps
Cadmium	106-1	1142	1283	1333	1253	7.94	cps
Cadmium	108-1	29	25	25	26	9.12	cps
Calcium	43-1	6012408	6069716	6033382	6038502	0.48	cps
Calcium	44-1	99478029	99533148	98923779	99311652	0.34	cps
Chromium	52-2	17928	18816	18449	18398	2.43	cps
Cobalt	59-2	11622	11308	11515	11482	1.39	cps
Copper	63-2	3457	3554	3340	3450	3.10	cps
Dysprosium	156-1	58	67	75	67	12.49	cps
Dysprosium	156-2	7	3	7	6	34.70	cps
Erbium	164-1	92	42	50	61	43.83	cps
Erbium	164-2	7	0	20	9	114.55	cps
Gadolinium	160-1	67	33	83	61	41.67	cps
Gadolinium	160-2	20	17	20	19	10.18	cps
Holmium	165-1	8949999	9316915	9198908	9155274	2.05	cps
Holmium	165-2	1774049	1749103	1766547	1763233	0.73	cps
Indium	115-1	6845149	6951292	6863223	6886555	0.82	cps
Indium	115-2	236712	236778	239541	237677	0.68	cps
Iron	56-2	68158247	67512774	68417302	68029441	0.68	cps
Iron	57-2	1738135	1704459	1738781	1727125	1.14	cps
Krypton	83-1	217	227	207	217	4.62	cps
Lead	206-1	7397	6769	7491	7219	5.44	cps
Lead	207-1	6018	6124	6246	6129	1.86	cps
Lead	208-1	28680	28375	28535	28530	0.54	cps
Lithium	6-1	1149356	1194842	1209290	1184496	2.64	cps
Magnesium	24-2	7967844	7844992	7914445	7909094	0.78	cps

LB Number : LB94183 Operator : Jaswal
 Lab Sample ID : S08 Instrumnet Name : P8
 Client Sample ID : S08 Dilution Factor : 1
 Date & Time Acquired :: 2018-03-23 16:39:18 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1130	1040	1163	1111	5.74	cps
Molybdenum	94-1	12790	13149	13899	13279	4.26	cps
Molybdenum	95-1	21426	21593	22945	21988	3.79	cps
Molybdenum	96-1	24657	25533	25850	25347	2.44	cps
Molybdenum	97-1	12882	13474	14266	13541	5.13	cps
Molybdenum	98-1	34353	34036	37444	35278	5.34	cps
Neodymium	150-1	100	33	67	67	50.00	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	10407	10758	10301	10489	2.28	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	1983193	1964969	2010501	1986221	1.15	cps
Rhodium	103-1	5972556	6140674	6060503	6057911	1.39	cps
Rhodium	103-2	1465176	1438553	1456388	1453373	0.93	cps
Scandium	45-1	3906798	4019980	3932930	3953236	1.50	cps
Scandium	45-2	26909	25697	26288	26298	2.31	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	2	4	3	34.64	cps
Selenium	82-1	82	87	118	96	20.38	cps
Silicon	28-1	439616	444461	449538	444538	1.12	cps
Silver	109-1	808	883	733	808	9.28	cps
Silver	107-1	992	883	883	920	6.80	cps
Sodium	23-2	18911899	18884170	19073801	18956623	0.54	cps
Strontium	86-1	50888	49925	50495	50436	0.96	cps
Strontium	88-1	442368	433710	436416	437498	1.01	cps
Sulfur	34-1	252129	254212	255272	253871	0.63	cps
Terbium	159-1	9191522	9487505	9539443	9406157	2.00	cps
Terbium	159-2	1694751	1665865	1682612	1681076	0.86	cps
Thallium	203-1	2717	2650	2867	2745	4.04	cps
Thallium	205-1	6969	6402	6627	6666	4.28	cps
Tin	118-1	6944	7244	6519	6902	5.28	cps
Titanium	47-1	892	1017	875	928	8.35	cps
Uranium	238-1	1667	1550	1533	1584	4.59	cps
Vanadium	51-2	183	113	177	158	24.49	cps
Yttrium	89-1	7184769	7303728	7257621	7248706	0.83	cps
Yttrium	89-2	180674	178664	181255	180198	0.75	cps
Zinc	66-2	983	847	913	914	7.47	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 16:39:18	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2625	2225	2292	2381	9.00	cps
Zirconium	91-1	542	508	475	508	6.56	cps

LB Number : LB94183 Operator : Jaswal
 Lab Sample ID : ICV Instrumnet Name : P8
 Client Sample ID : ICV Dilution Factor : 1
 Date & Time Acquired :: 2018-03-23 16:53:42 DataFile Name : 012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1784	1892	2025	1900	6.37	cps
Antimony	121-1	1065396	1063446	1069264	1066035	0.28	cps
Arsenic	75-1	265039	267253	262756	265016	0.85	cps
Barium	135-1	115972	116762	114568	115768	0.96	cps
Barium	137-1	203012	201785	201919	202239	0.33	cps
Beryllium	9-1	65695	66314	65337	65782	0.75	cps
Bismuth	209-1	5630826	5753619	5598848	5661098	1.44	cps
Bismuth	209-2	1424020	1433301	1407775	1421699	0.91	cps
Boron	10-1	42188	42640	43048	42625	1.01	cps
Boron	11-1	201916	204241	207403	204520	1.35	cps
Cadmium	111-1	119575	117304	119184	118688	1.02	cps
Cadmium	106-1	20592	18747	19891	19743	4.72	cps
Cadmium	108-1	10729	10525	10688	10647	1.01	cps
Calcium	43-1	25332	25733	25858	25641	1.07	cps
Calcium	44-1	401564	410399	404898	405620	1.10	cps
Chromium	52-2	41943	41211	41154	41436	1.06	cps
Cobalt	59-2	95236	94065	95715	95005	0.89	cps
Copper	63-2	82339	81681	82795	82272	0.68	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	83	67	42	64	32.83	cps
Erbium	164-2	7	0	7	4	86.60	cps
Gadolinium	160-1	50	25	8	28	75.51	cps
Gadolinium	160-2	10	3	0	4	114.60	cps
Holmium	165-1	8564019	8636522	8634297	8611613	0.48	cps
Holmium	165-2	1704086	1729092	1703664	1712281	0.85	cps
Indium	115-1	6826965	6834991	6813007	6824988	0.16	cps
Indium	115-2	242222	242971	241172	242121	0.37	cps
Iron	56-2	283114	278625	281368	281036	0.81	cps
Iron	57-2	7435	6835	7091	7121	4.23	cps
Krypton	83-1	240	217	197	218	9.96	cps
Lead	206-1	702908	713164	707486	707853	0.73	cps
Lead	207-1	614283	619667	614943	616298	0.48	cps
Lead	208-1	2826666	2845946	2827223	2833278	0.39	cps
Lithium	6-1	1183934	1165130	1185908	1178324	0.97	cps
Magnesium	24-2	19940	20441	20532	20304	1.57	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 16:53:42	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	11525	11448	11685	11553	1.05	cps
Molybdenum	94-1	1964032	1988974	2006361	1986456	1.07	cps
Molybdenum	95-1	1075262	1076813	1073991	1075355	0.13	cps
Molybdenum	96-1	1409552	1402763	1413699	1408671	0.39	cps
Molybdenum	97-1	672884	670074	672582	671847	0.23	cps
Molybdenum	98-1	1758405	1758617	1751976	1756333	0.21	cps
Neodymium	150-1	0	7	20	9	114.55	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	28439	28586	28970	28665	0.96	cps
Phosphorus	31-2	0	0	17	6	173.21	cps
Potassium	39-2	16577	17011	17787	17125	3.58	cps
Rhodium	103-1	6315868	6246034	6267761	6276554	0.57	cps
Rhodium	103-2	1552713	1555327	1528524	1545522	0.96	cps
Scandium	45-1	3852243	3900019	3893624	3881962	0.67	cps
Scandium	45-2	26241	26518	26445	26402	0.54	cps
Selenium	77-2	53	100	67	73	32.78	cps
Selenium	78-2	231	220	237	230	3.70	cps
Selenium	82-1	14291	14050	13751	14031	1.93	cps
Silicon	28-1	1288270	1300386	1274395	1287684	1.01	cps
Silver	109-1	528802	538451	538800	535351	1.06	cps
Silver	107-1	555037	561323	562161	559507	0.70	cps
Sodium	23-2	77829	79421	79019	78756	1.05	cps
Strontium	86-1	689632	691590	694310	691844	0.34	cps
Strontium	88-1	5957887	5978931	6017486	5984768	0.51	cps
Sulfur	34-1	257819	259237	255495	257517	0.73	cps
Terbium	159-1	8829095	8919030	8861679	8869935	0.51	cps
Terbium	159-2	1627997	1681239	1610993	1640076	2.23	cps
Thallium	203-1	883562	887576	887072	886070	0.25	cps
Thallium	205-1	2156562	2186843	2147580	2163662	0.95	cps
Tin	118-1	1861601	1835979	1862385	1853322	0.81	cps
Titanium	47-1	275272	275942	272726	274646	0.62	cps
Uranium	238-1	7031972	7059171	6885764	6992302	1.33	cps
Vanadium	51-2	31669	31913	31913	31832	0.44	cps
Yttrium	89-1	6946422	6980160	7053736	6993439	0.78	cps
Yttrium	89-2	180363	180418	178176	179652	0.71	cps
Zinc	66-2	13864	13844	14031	13913	0.74	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 16:53:42	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3705055	3722403	3736165	3721207	0.42	cps
Zirconium	91-1	816456	816451	813390	815432	0.22	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:00:17	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	17	0	8	100.02	cps
Antimony	121-1	2609	3767	4618	3665	27.52	cps
Arsenic	75-1	474	604	618	566	14.06	cps
Barium	135-1	25	25	25	25	0.00	cps
Barium	137-1	50	33	58	47	26.97	cps
Beryllium	9-1	217	167	133	172	24.36	cps
Bismuth	209-1	5712767	5594663	5696952	5668127	1.13	cps
Bismuth	209-2	1417080	1448554	1452056	1439230	1.34	cps
Boron	10-1	808	758	633	733	12.29	cps
Boron	11-1	3217	3551	3384	3384	4.93	cps
Cadmium	111-1	849	868	740	819	8.47	cps
Cadmium	106-1	1192	1217	1025	1145	9.10	cps
Cadmium	108-1	8	13	4	8	49.98	cps
Calcium	43-1	525	458	475	486	7.14	cps
Calcium	44-1	7035	6485	7319	6946	6.10	cps
Chromium	52-2	140	100	123	121	16.59	cps
Cobalt	59-2	47	30	17	31	48.31	cps
Copper	63-2	133	97	130	120	16.90	cps
Dysprosium	156-1	17	8	0	8	100.02	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	33	25	25	28	17.31	cps
Erbium	164-2	7	3	0	3	100.05	cps
Gadolinium	160-1	25	50	33	36	35.25	cps
Gadolinium	160-2	0	7	0	2	173.21	cps
Holmium	165-1	8748160	8536986	8509752	8598300	1.52	cps
Holmium	165-2	1697203	1722887	1760805	1726965	1.85	cps
Indium	115-1	7048531	6895455	6884687	6942891	1.32	cps
Indium	115-2	244035	249721	250663	248140	1.44	cps
Iron	56-2	1245	1450	1422	1372	8.13	cps
Iron	57-2	33	28	22	28	20.00	cps
Krypton	83-1	210	247	207	221	10.04	cps
Lead	206-1	333	322	306	320	4.36	cps
Lead	207-1	228	244	239	237	3.58	cps
Lead	208-1	1172	1106	1128	1135	2.99	cps
Lithium	6-1	1196493	1194157	1172747	1187799	1.10	cps
Magnesium	24-2	200	200	208	203	2.37	cps

LB Number : LB94183 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P8
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2018-03-23 17:00:17 DataFile Name : 013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	20	13	3	12	68.66	cps
Molybdenum	94-1	667	758	1108	845	27.60	cps
Molybdenum	95-1	825	950	1150	975	16.81	cps
Molybdenum	96-1	992	1283	1392	1222	16.93	cps
Molybdenum	97-1	517	683	900	700	27.46	cps
Molybdenum	98-1	1425	1533	2209	1722	24.65	cps
Neodymium	150-1	7	7	20	11	69.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	687	650	597	644	7.02	cps
Phosphorus	31-2	0	17	0	6	173.21	cps
Potassium	39-2	1567	1325	1483	1458	8.42	cps
Rhodium	103-1	6384050	6324274	6258804	6322376	0.99	cps
Rhodium	103-2	1551141	1558715	1597415	1569090	1.58	cps
Scandium	45-1	3959779	3884638	3906399	3916939	0.99	cps
Scandium	45-2	25751	26746	26589	26362	2.03	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	0	0	6	2	173.21	cps
Selenium	82-1	-10	-34	19	-8	-321.04	cps
Silicon	28-1	257358	253226	254606	255063	0.82	cps
Silver	109-1	83	58	25	56	52.68	cps
Silver	107-1	58	125	67	83	43.59	cps
Sodium	23-2	3676	3767	3842	3762	2.22	cps
Strontium	86-1	400	333	358	364	9.26	cps
Strontium	88-1	125	125	92	114	16.90	cps
Sulfur	34-1	264609	264683	262400	263897	0.49	cps
Terbium	159-1	9087594	8821362	8862034	8923663	1.61	cps
Terbium	159-2	1613241	1696735	1679703	1663226	2.65	cps
Thallium	203-1	508	375	358	414	19.86	cps
Thallium	205-1	1042	975	858	958	9.68	cps
Tin	118-1	1358	1559	1850	1589	15.56	cps
Titanium	47-1	150	33	75	86	68.66	cps
Uranium	238-1	142	167	217	175	21.82	cps
Vanadium	51-2	3	0	3	2	86.60	cps
Yttrium	89-1	7158233	7032414	7006982	7065876	1.15	cps
Yttrium	89-2	180069	184103	185161	183111	1.47	cps
Zinc	66-2	3	7	17	9	78.08	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:00:17	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	492	608	650	583	14.07	cps
Zirconium	91-1	133	108	158	133	18.75	cps

LB Number : LB94183 Operator : Jaswal
 Lab Sample ID : ICSA Instrumnet Name : P8
 Client Sample ID : ICSA Dilution Factor : 1
 Date & Time Acquired :: 2018-03-23 17:03:38 DataFile Name : 014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	301555	295288	294883	297242	1.26	cps
Antimony	121-1	8061	8486	9054	8534	5.83	cps
Arsenic	75-1	1096	859	943	966	12.46	cps
Barium	135-1	1842	1892	1792	1842	2.71	cps
Barium	137-1	3259	3051	3084	3131	3.57	cps
Beryllium	9-1	356	367	317	346	7.58	cps
Bismuth	209-1	5590727	5531113	5414674	5512171	1.62	cps
Bismuth	209-2	1374272	1377741	1396900	1382971	0.88	cps
Boron	10-1	817	775	733	775	5.38	cps
Boron	11-1	3967	3476	3242	3562	10.39	cps
Cadmium	111-1	1120	1163	1091	1125	3.22	cps
Cadmium	106-1	1175	1292	1108	1192	7.79	cps
Cadmium	108-1	617	613	633	621	1.78	cps
Calcium	43-1	1153337	1150759	1154645	1152914	0.17	cps
Calcium	44-1	18748031	18957035	18862292	18855786	0.56	cps
Chromium	52-2	8596	8793	8910	8766	1.81	cps
Cobalt	59-2	1110	1093	1190	1131	4.57	cps
Copper	63-2	6262	6258	6345	6288	0.78	cps
Dysprosium	156-1	25	33	17	25	33.32	cps
Dysprosium	156-2	0	10	10	7	86.60	cps
Erbium	164-1	50	67	33	50	33.34	cps
Erbium	164-2	13	3	3	7	86.65	cps
Gadolinium	160-1	25	50	8	28	75.52	cps
Gadolinium	160-2	3	10	3	6	69.34	cps
Holmium	165-1	8790410	8754677	8707182	8750757	0.48	cps
Holmium	165-2	1718958	1739769	1764824	1741184	1.32	cps
Indium	115-1	6911829	6866724	6746065	6841540	1.25	cps
Indium	115-2	239490	240885	241970	240782	0.52	cps
Iron	56-2	27472692	27166280	27188062	27275678	0.63	cps
Iron	57-2	687928	683524	683009	684820	0.39	cps
Krypton	83-1	207	220	240	222	7.55	cps
Lead	206-1	17162	17279	16806	17082	1.44	cps
Lead	207-1	13352	13608	13663	13541	1.23	cps
Lead	208-1	64710	65039	63813	64521	0.98	cps
Lithium	6-1	1095398	1112074	1095522	1100998	0.87	cps
Magnesium	24-2	1611534	1607592	1594228	1604451	0.57	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:03:38	DataFile Name :	014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	910	827	920	886	5.79	cps
Molybdenum	94-1	2491234	2498957	2502427	2497539	0.23	cps
Molybdenum	95-1	4381257	4355393	4382432	4373027	0.35	cps
Molybdenum	96-1	4691522	4697566	4723908	4704332	0.37	cps
Molybdenum	97-1	2700281	2731621	2755653	2729185	1.02	cps
Molybdenum	98-1	7002420	7003716	6988544	6998227	0.12	cps
Neodymium	150-1	33	60	13	36	65.86	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	2004	2100	1910	2005	4.74	cps
Phosphorus	31-2	20082	19957	20899	20313	2.52	cps
Potassium	39-2	782000	771451	769855	774436	0.85	cps
Rhodium	103-1	6188130	6126944	6075504	6130193	0.92	cps
Rhodium	103-2	1481653	1509189	1521577	1504140	1.36	cps
Scandium	45-1	3910887	3919356	3821298	3883847	1.40	cps
Scandium	45-2	26462	26605	26833	26633	0.70	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	2	0	2	100.00	cps
Selenium	82-1	2	-3	-13	-5	-167.09	cps
Silicon	28-1	335498	335587	335998	335694	0.08	cps
Silver	109-1	450	450	483	461	4.17	cps
Silver	107-1	400	492	425	439	10.80	cps
Sodium	23-2	3642449	3673441	3647604	3654498	0.45	cps
Strontium	86-1	48195	50285	48721	49067	2.22	cps
Strontium	88-1	421727	420519	424790	422346	0.52	cps
Sulfur	34-1	1744441	1719982	1720416	1728280	0.81	cps
Terbium	159-1	9104993	9157976	9041790	9101586	0.64	cps
Terbium	159-2	1651069	1655036	1654036	1653380	0.12	cps
Thallium	203-1	1025	1100	1192	1106	7.55	cps
Thallium	205-1	2617	2592	2492	2567	2.58	cps
Tin	118-1	1792	1800	2084	1892	8.78	cps
Titanium	47-1	1123045	1129109	1114658	1122271	0.65	cps
Uranium	238-1	308	433	367	369	16.93	cps
Vanadium	51-2	30	47	47	41	23.41	cps
Yttrium	89-1	7177100	7149546	7073183	7133277	0.75	cps
Yttrium	89-2	179654	180664	181351	180556	0.47	cps
Zinc	66-2	817	803	927	849	7.97	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:03:38	DataFile Name :	014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2417	2409	2317	2381	2.33	cps
Zirconium	91-1	542	467	542	517	8.38	cps

LB Number : LB94183 Operator : Jaswal
 Lab Sample ID : ICSAB Instrumnet Name : P8
 Client Sample ID : ICSAB Dilution Factor : 1
 Date & Time Acquired :: 2018-03-23 17:06:56 DataFile Name : 015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	304215	296046	297978	299413	1.43	cps
Antimony	121-1	113681	116623	116942	115749	1.55	cps
Arsenic	75-1	27151	26726	26469	26782	1.29	cps
Barium	135-1	25066	24883	25250	25066	0.73	cps
Barium	137-1	43866	43565	44400	43944	0.96	cps
Beryllium	9-1	13012	12239	12350	12534	3.33	cps
Bismuth	209-1	5661690	5655751	5592167	5636536	0.68	cps
Bismuth	209-2	1423256	1393589	1415707	1410851	1.09	cps
Boron	10-1	3434	3551	3659	3548	3.17	cps
Boron	11-1	16677	17753	17561	17331	3.31	cps
Cadmium	111-1	23802	23325	23895	23674	1.29	cps
Cadmium	106-1	4251	3426	3867	3848	10.73	cps
Cadmium	108-1	2288	2209	2379	2292	3.73	cps
Calcium	43-1	1148871	1176123	1150405	1158467	1.32	cps
Calcium	44-1	18776179	18994610	18694346	18821712	0.82	cps
Chromium	52-2	17054	17351	16954	17120	1.21	cps
Cobalt	59-2	19981	19731	20005	19906	0.76	cps
Copper	63-2	22956	22392	22114	22487	1.91	cps
Dysprosium	156-1	8	17	42	22	78.07	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	33	42	50	42	20.00	cps
Erbium	164-2	7	3	10	7	50.03	cps
Gadolinium	160-1	58	50	25	44	39.04	cps
Gadolinium	160-2	10	7	0	6	91.64	cps
Holmium	165-1	8867343	8951694	8820367	8879802	0.75	cps
Holmium	165-2	1759910	1725533	1771705	1752383	1.37	cps
Indium	115-1	7000467	6974015	6800892	6925124	1.57	cps
Indium	115-2	245023	240000	242638	242553	1.04	cps
Iron	56-2	27823334	27573613	27605239	27667395	0.49	cps
Iron	57-2	698079	693523	695511	695704	0.33	cps
Krypton	83-1	220	177	233	210	14.11	cps
Lead	206-1	86588	89397	88602	88196	1.64	cps
Lead	207-1	72652	73897	74848	73799	1.49	cps
Lead	208-1	337211	343913	346731	342618	1.43	cps
Lithium	6-1	1096767	1108373	1141329	1115490	2.07	cps
Magnesium	24-2	1613985	1596989	1585891	1598955	0.88	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:06:56	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3087	3224	3240	3184	2.64	cps
Molybdenum	94-1	2630663	2662819	2673409	2655630	0.84	cps
Molybdenum	95-1	4447647	4472986	4434419	4451684	0.44	cps
Molybdenum	96-1	4811069	4832030	4897655	4846918	0.93	cps
Molybdenum	97-1	2796549	2774802	2818798	2796716	0.79	cps
Molybdenum	98-1	7178006	7178658	7167347	7174670	0.09	cps
Neodymium	150-1	67	33	20	40	60.10	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	7249	7599	7926	7591	4.46	cps
Phosphorus	31-2	20599	21759	20566	20975	3.24	cps
Potassium	39-2	783109	780136	781666	781637	0.19	cps
Rhodium	103-1	6258364	6236677	6100824	6198622	1.38	cps
Rhodium	103-2	1545061	1509657	1517090	1523936	1.23	cps
Scandium	45-1	3870972	3923437	3845973	3880127	1.02	cps
Scandium	45-2	26562	26345	26706	26538	0.68	cps
Selenium	77-2	0	10	10	7	86.60	cps
Selenium	78-2	22	26	22	23	9.13	cps
Selenium	82-1	1407	1499	1400	1435	3.83	cps
Silicon	28-1	416648	417634	415194	416492	0.29	cps
Silver	109-1	101832	102076	102857	102255	0.52	cps
Silver	107-1	104327	105612	106266	105402	0.94	cps
Sodium	23-2	3700093	3704054	3652554	3685567	0.78	cps
Strontium	86-1	102743	104733	102593	103356	1.16	cps
Strontium	88-1	893103	895915	899107	896042	0.34	cps
Sulfur	34-1	1695220	1717813	1715595	1709543	0.73	cps
Terbium	159-1	9243710	9420258	9103269	9255746	1.72	cps
Terbium	159-2	1689015	1673716	1699610	1687447	0.77	cps
Thallium	203-1	88591	89858	88096	88849	1.02	cps
Thallium	205-1	209662	212723	210069	210818	0.79	cps
Tin	118-1	144448	144556	145316	144773	0.33	cps
Titanium	47-1	1134994	1142182	1142805	1139994	0.38	cps
Uranium	238-1	512694	515971	518446	515704	0.56	cps
Vanadium	51-2	6328	6031	6282	6214	2.57	cps
Yttrium	89-1	7143019	7208669	7161744	7171144	0.47	cps
Yttrium	89-2	184789	180986	182155	182643	1.07	cps
Zinc	66-2	2104	2070	2270	2148	4.99	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:06:56	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	293918	293091	296073	294361	0.52	cps
Zirconium	91-1	64135	63557	64822	64171	0.99	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	CCV012	Instrumnet Name :	P8
Client Sample ID :	CCV012	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:10:24	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	163431	160936	161509	161959	0.81	cps
Antimony	121-1	2812245	2819288	2773681	2801738	0.88	cps
Arsenic	75-1	663032	662894	669121	665016	0.53	cps
Barium	135-1	3068373	3043131	3015721	3042408	0.87	cps
Barium	137-1	5278951	5249981	5236559	5255164	0.41	cps
Beryllium	9-1	326690	327513	327709	327304	0.17	cps
Bismuth	209-1	5641230	5606856	5734565	5660884	1.17	cps
Bismuth	209-2	1361152	1393416	1398726	1384431	1.47	cps
Boron	10-1	37584	39405	39631	38873	2.89	cps
Boron	11-1	179807	188744	195135	187895	4.10	cps
Cadmium	111-1	569505	566156	568354	568005	0.30	cps
Cadmium	106-1	59716	59557	59766	59680	0.18	cps
Cadmium	108-1	41409	40653	40645	40902	1.07	cps
Calcium	43-1	2944224	2962119	2978261	2961535	0.57	cps
Calcium	44-1	47723175	48099480	47823123	47881926	0.41	cps
Chromium	52-2	216017	217894	214929	216280	0.69	cps
Cobalt	59-2	464689	464486	459674	462950	0.61	cps
Copper	63-2	788685	782167	779409	783420	0.61	cps
Dysprosium	156-1	42	33	67	47	36.74	cps
Dysprosium	156-2	3	0	7	3	100.05	cps
Erbium	164-1	42	67	25	44	47.19	cps
Erbium	164-2	3	10	7	7	50.03	cps
Gadolinium	160-1	67	50	92	69	30.20	cps
Gadolinium	160-2	7	17	3	9	78.08	cps
Holmium	165-1	9092452	9031976	9074819	9066416	0.34	cps
Holmium	165-2	1715590	1720941	1723995	1720175	0.25	cps
Indium	115-1	6856537	6855681	6881066	6864428	0.21	cps
Indium	115-2	235929	238643	237029	237201	0.58	cps
Iron	56-2	34066360	34024122	33545647	33878709	0.85	cps
Iron	57-2	856052	859718	848651	854807	0.66	cps
Krypton	83-1	207	260	190	219	16.71	cps
Lead	206-1	1822114	1801581	1819973	1814556	0.62	cps
Lead	207-1	1645988	1639944	1654104	1646678	0.43	cps
Lead	208-1	7399738	7388306	7395878	7394641	0.08	cps
Lithium	6-1	1137446	1147512	1161280	1148746	1.04	cps
Magnesium	24-2	3970423	3968018	3947446	3961962	0.32	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	CCV012	Instrumnet Name :	P8
Client Sample ID :	CCV012	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:10:24	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	111890	113567	111396	112284	1.01	cps
Molybdenum	94-1	4708871	4745997	4663514	4706127	0.88	cps
Molybdenum	95-1	5788907	5787531	5763969	5780136	0.24	cps
Molybdenum	96-1	6489686	6463871	6372892	6442150	0.95	cps
Molybdenum	97-1	3627935	3636913	3570279	3611709	1.00	cps
Molybdenum	98-1	9267663	9347481	9133187	9249444	1.17	cps
Neodymium	150-1	100	153	140	131	21.17	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	136269	136709	136571	136516	0.17	cps
Phosphorus	31-2	2117	2250	2217	2195	3.16	cps
Potassium	39-2	969146	969311	965179	967879	0.24	cps
Rhodium	103-1	6113123	6208105	6144687	6155305	0.79	cps
Rhodium	103-2	1465526	1468615	1498327	1477489	1.23	cps
Scandium	45-1	3877426	3923953	3908139	3903173	0.61	cps
Scandium	45-2	26756	26916	26262	26644	1.28	cps
Selenium	77-2	147	127	193	156	21.99	cps
Selenium	78-2	509	526	428	488	10.77	cps
Selenium	82-1	35186	35517	35838	35514	0.92	cps
Silicon	28-1	1518679	1523474	1545955	1529369	0.95	cps
Silver	109-1	2734206	2686368	2712214	2710929	0.88	cps
Silver	107-1	2828213	2777571	2819639	2808475	0.97	cps
Sodium	23-2	9612398	9661030	9516789	9596739	0.76	cps
Strontium	86-1	750894	742110	752225	748410	0.73	cps
Strontium	88-1	6528732	6457814	6507486	6498011	0.56	cps
Sulfur	34-1	594125	593087	596853	594688	0.33	cps
Terbium	159-1	9221859	9400987	9359426	9327424	1.01	cps
Terbium	159-2	1651608	1674123	1667228	1664320	0.69	cps
Thallium	203-1	2246077	2247686	2261870	2251878	0.39	cps
Thallium	205-1	5288390	5297550	5370850	5318930	0.85	cps
Tin	118-1	1976496	1950517	1955020	1960678	0.71	cps
Titanium	47-1	1462019	1436718	1456744	1451827	0.92	cps
Uranium	238-1	7059876	7016636	7129610	7068708	0.81	cps
Vanadium	51-2	158138	160716	158397	159083	0.89	cps
Yttrium	89-1	7159651	7230400	7209877	7199976	0.51	cps
Yttrium	89-2	178257	180748	182606	180537	1.21	cps
Zinc	66-2	67212	66234	65899	66448	1.03	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	CCV012	Instrumnet Name :	P8
Client Sample ID :	CCV012	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:10:24	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3890571	3930537	3917365	3912824	0.52	cps
Zirconium	91-1	862844	863554	857892	861430	0.36	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	CCB012	Instrumnet Name :	P8
Client Sample ID :	CCB012	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:14:31	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	0	0	3	173.21	cps
Antimony	121-1	6110	7452	8662	7408	17.23	cps
Arsenic	75-1	678	559	883	707	23.14	cps
Barium	135-1	108	142	83	111	26.34	cps
Barium	137-1	225	75	175	158	48.24	cps
Beryllium	9-1	378	356	361	365	3.17	cps
Bismuth	209-1	5899201	6033097	6014605	5982301	1.21	cps
Bismuth	209-2	1478586	1409238	1353487	1413770	4.43	cps
Boron	10-1	1192	1217	983	1131	11.33	cps
Boron	11-1	5952	5660	5393	5668	4.93	cps
Cadmium	111-1	1009	843	928	927	8.97	cps
Cadmium	106-1	1392	1117	1242	1250	11.02	cps
Cadmium	108-1	4	8	17	10	65.47	cps
Calcium	43-1	550	408	500	486	14.78	cps
Calcium	44-1	8703	8586	8203	8497	3.08	cps
Chromium	52-2	93	100	120	104	13.28	cps
Cobalt	59-2	50	57	50	52	7.37	cps
Copper	63-2	223	183	150	186	19.79	cps
Dysprosium	156-1	8	17	33	19	65.47	cps
Dysprosium	156-2	10	3	0	4	114.60	cps
Erbium	164-1	42	17	17	25	57.73	cps
Erbium	164-2	3	3	3	3	0.00	cps
Gadolinium	160-1	17	42	0	19	107.85	cps
Gadolinium	160-2	7	0	3	3	100.05	cps
Holmium	165-1	8939021	9079778	9073113	9030637	0.88	cps
Holmium	165-2	1756752	1690058	1608774	1685195	4.40	cps
Indium	115-1	7083411	7187437	7186545	7152464	0.84	cps
Indium	115-2	246682	236071	226670	236474	4.23	cps
Iron	56-2	2639	2795	2750	2728	2.94	cps
Iron	57-2	50	50	111	70	50.14	cps
Krypton	83-1	193	180	297	223	28.59	cps
Lead	206-1	650	500	594	582	13.04	cps
Lead	207-1	444	383	478	435	11.01	cps
Lead	208-1	2317	2117	2178	2204	4.65	cps
Lithium	6-1	1184021	1204258	1217556	1201945	1.40	cps
Magnesium	24-2	225	208	208	214	4.50	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	CCB012	Instrumnet Name :	P8
Client Sample ID :	CCB012	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:14:31	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	13	17	30	20	44.10	cps
Molybdenum	94-1	1759	2209	2934	2300	25.78	cps
Molybdenum	95-1	2625	3801	3951	3459	20.98	cps
Molybdenum	96-1	2792	3842	4468	3701	22.88	cps
Molybdenum	97-1	1709	2275	2659	2214	21.59	cps
Molybdenum	98-1	4167	5601	6827	5532	24.06	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	573	580	613	589	3.64	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	1650	1467	1450	1522	7.29	cps
Rhodium	103-1	6390314	6549336	6506833	6482161	1.27	cps
Rhodium	103-2	1592174	1528385	1447178	1522579	4.77	cps
Scandium	45-1	3898012	3930949	3945480	3924814	0.62	cps
Scandium	45-2	26679	25450	24222	25450	4.83	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	4	0	0	1	173.21	cps
Selenium	82-1	31	37	-39	10	422.28	cps
Silicon	28-1	252174	248529	247450	249384	0.99	cps
Silver	109-1	367	308	283	319	13.39	cps
Silver	107-1	358	358	383	367	3.94	cps
Sodium	23-2	5535	5276	5601	5471	3.14	cps
Strontium	86-1	383	325	450	386	16.20	cps
Strontium	88-1	267	225	192	228	16.50	cps
Sulfur	34-1	260389	262268	261756	261471	0.37	cps
Terbium	159-1	9250723	9478518	9445025	9391422	1.31	cps
Terbium	159-2	1651581	1629105	1527074	1602587	4.14	cps
Thallium	203-1	1067	1108	1033	1070	3.51	cps
Thallium	205-1	2742	2517	2284	2514	9.12	cps
Tin	118-1	1709	2009	2050	1922	9.70	cps
Titanium	47-1	133	192	183	169	18.62	cps
Uranium	238-1	258	267	267	264	1.82	cps
Vanadium	51-2	20	0	7	9	114.55	cps
Yttrium	89-1	7160193	7242483	7278458	7227045	0.84	cps
Yttrium	89-2	181879	173619	165905	173801	4.60	cps
Zinc	66-2	0	33	10	14	118.42	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	CCB012	Instrumnet Name :	P8
Client Sample ID :	CCB012	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:14:31	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	675	883	767	775	13.47	cps
Zirconium	91-1	192	175	175	181	5.33	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	PB107609BL	Instrumnet Name :	P8
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:17:52	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	0	0	11	173.21	cps
Antimony	121-1	2392	3109	3709	3070	21.48	cps
Arsenic	75-1	633	570	577	593	5.81	cps
Barium	135-1	42	50	75	56	31.22	cps
Barium	137-1	58	75	100	78	26.96	cps
Beryllium	9-1	222	206	272	233	14.87	cps
Bismuth	209-1	5810174	5978207	6063691	5950691	2.17	cps
Bismuth	209-2	1480251	1446894	1465546	1464231	1.14	cps
Boron	10-1	733	542	700	658	15.55	cps
Boron	11-1	3367	3526	3092	3328	6.59	cps
Cadmium	111-1	896	885	887	889	0.66	cps
Cadmium	106-1	1217	1225	1233	1225	0.68	cps
Cadmium	108-1	8	8	8	8	0.00	cps
Calcium	43-1	358	442	467	422	13.43	cps
Calcium	44-1	7069	7319	6760	7049	3.97	cps
Chromium	52-2	67	107	93	89	22.91	cps
Cobalt	59-2	37	37	23	32	23.90	cps
Copper	63-2	177	153	117	149	20.31	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	25	42	58	42	40.00	cps
Erbium	164-2	3	0	3	2	86.60	cps
Gadolinium	160-1	50	33	17	33	49.99	cps
Gadolinium	160-2	3	3	3	3	0.00	cps
Holmium	165-1	8949850	9097804	9195273	9080976	1.36	cps
Holmium	165-2	1782286	1700151	1719867	1734102	2.47	cps
Indium	115-1	6992742	7166518	7110516	7089925	1.25	cps
Indium	115-2	249292	243239	247338	246623	1.25	cps
Iron	56-2	1845	1900	1784	1843	3.17	cps
Iron	57-2	72	33	33	46	48.51	cps
Krypton	83-1	267	217	207	230	13.98	cps
Lead	206-1	433	400	489	441	10.19	cps
Lead	207-1	456	350	400	402	13.14	cps
Lead	208-1	1839	1656	1922	1806	7.56	cps
Lithium	6-1	1193620	1221319	1214268	1209735	1.19	cps
Magnesium	24-2	208	208	292	236	20.38	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	PB107609BL	Instrumnet Name :	P8
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:17:52	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	7	7	3	6	34.70	cps
Molybdenum	94-1	742	1025	1075	947	18.98	cps
Molybdenum	95-1	892	1467	1659	1339	29.80	cps
Molybdenum	96-1	1308	1684	1859	1617	17.38	cps
Molybdenum	97-1	808	817	1067	897	16.36	cps
Molybdenum	98-1	1759	2234	2892	2295	24.81	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	527	550	573	550	4.24	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	1650	1800	1767	1739	4.53	cps
Rhodium	103-1	6410300	6573644	6462620	6482188	1.29	cps
Rhodium	103-2	1617102	1541375	1588240	1582239	2.42	cps
Scandium	45-1	3886229	3925269	3938960	3916819	0.70	cps
Scandium	45-2	26402	26038	26275	26238	0.70	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	4	0	1	173.21	cps
Selenium	82-1	-33	-14	23	-8	-349.48	cps
Silicon	28-1	248487	245426	248952	247621	0.77	cps
Silver	109-1	150	183	175	169	10.24	cps
Silver	107-1	158	183	133	158	15.79	cps
Sodium	23-2	4868	4726	5009	4868	2.91	cps
Strontium	86-1	192	325	308	275	26.42	cps
Strontium	88-1	100	117	142	119	17.55	cps
Sulfur	34-1	260883	261992	263140	262005	0.43	cps
Terbium	159-1	9118798	9372103	9354954	9281951	1.53	cps
Terbium	159-2	1690740	1655986	1686439	1677722	1.13	cps
Thallium	203-1	683	667	683	678	1.42	cps
Thallium	205-1	1667	1725	1450	1614	8.98	cps
Tin	118-1	1342	1400	1492	1411	5.36	cps
Titanium	47-1	142	133	167	147	11.78	cps
Uranium	238-1	67	83	100	83	20.00	cps
Vanadium	51-2	3	3	3	3	0.00	cps
Yttrium	89-1	7139052	7219069	7274433	7210851	0.94	cps
Yttrium	89-2	182491	178430	181473	180798	1.17	cps
Zinc	66-2	37	10	10	19	81.51	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	PB107609BL	Instrumnet Name :	P8
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:17:52	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	675	692	542	636	12.92	cps
Zirconium	91-1	142	100	133	125	17.63	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	PB107609BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:21:14	DataFile Name :	019LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	133	217	133	161	29.86	cps
Antimony	121-1	23588	24256	23964	23936	1.40	cps
Arsenic	75-1	3373	3378	3163	3305	3.72	cps
Barium	135-1	23004	22336	22971	22770	1.65	cps
Barium	137-1	40705	38498	39184	39462	2.86	cps
Beryllium	9-1	1478	1478	1545	1500	2.57	cps
Bismuth	209-1	5969163	6081879	5916253	5989098	1.41	cps
Bismuth	209-2	1463516	1431919	1467983	1454473	1.35	cps
Boron	10-1	4367	4209	4209	4262	2.15	cps
Boron	11-1	19372	19264	19806	19481	1.47	cps
Cadmium	111-1	2829	3142	3162	3044	6.12	cps
Cadmium	106-1	1225	1467	1558	1417	12.16	cps
Cadmium	108-1	183	229	167	193	16.76	cps
Calcium	43-1	12047	11514	12014	11858	2.52	cps
Calcium	44-1	191811	189522	192249	191194	0.77	cps
Chromium	52-2	1803	1850	1903	1852	2.70	cps
Cobalt	59-2	1780	2030	2030	1947	7.41	cps
Copper	63-2	3440	3540	3177	3386	5.54	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	42	58	33	44	28.65	cps
Erbium	164-2	3	7	3	4	43.40	cps
Gadolinium	160-1	33	58	33	42	34.65	cps
Gadolinium	160-2	7	3	7	6	34.70	cps
Holmium	165-1	8975209	9202437	9034816	9070820	1.30	cps
Holmium	165-2	1762672	1719374	1735826	1739291	1.26	cps
Indium	115-1	7078736	7290672	7082035	7150481	1.70	cps
Indium	115-2	246135	242822	247209	245389	0.93	cps
Iron	56-2	100157	100017	99475	99883	0.36	cps
Iron	57-2	2506	2400	2611	2506	4.21	cps
Krypton	83-1	267	230	210	236	12.20	cps
Lead	206-1	7491	7541	7703	7578	1.46	cps
Lead	207-1	6891	7085	6596	6858	3.59	cps
Lead	208-1	31021	31021	31383	31142	0.67	cps
Lithium	6-1	1205261	1226618	1191439	1207772	1.47	cps
Magnesium	24-2	15976	15901	15835	15904	0.45	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	PB107609BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:21:14	DataFile Name :	019LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	267	243	260	257	4.68	cps
Molybdenum	94-1	19114	19473	18413	19000	2.84	cps
Molybdenum	95-1	22019	22686	22277	22327	1.51	cps
Molybdenum	96-1	25834	25299	25458	25531	1.07	cps
Molybdenum	97-1	14717	14592	14283	14531	1.54	cps
Molybdenum	98-1	35990	36233	35615	35946	0.87	cps
Neodymium	150-1	7	0	13	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1123	1143	1083	1117	2.74	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	9362	8428	9437	9076	6.19	cps
Rhodium	103-1	6509545	6551557	6459938	6507014	0.70	cps
Rhodium	103-2	1591847	1548142	1588075	1576021	1.54	cps
Scandium	45-1	3930899	3991699	3903359	3941986	1.15	cps
Scandium	45-2	27056	25931	25901	26296	2.50	cps
Selenium	77-2	3	0	7	3	100.05	cps
Selenium	78-2	4	4	11	6	69.34	cps
Selenium	82-1	652	714	702	690	4.81	cps
Silicon	28-1	312964	312783	314372	313373	0.28	cps
Silver	109-1	10897	11080	11055	11011	0.90	cps
Silver	107-1	11372	11489	11263	11375	0.99	cps
Sodium	23-2	40893	40392	40993	40759	0.79	cps
Strontium	86-1	3167	2975	3084	3075	3.13	cps
Strontium	88-1	24874	25141	24631	24882	1.02	cps
Sulfur	34-1	264785	262466	261526	262926	0.64	cps
Terbium	159-1	9409995	9432275	9256470	9366247	1.02	cps
Terbium	159-2	1661009	1638142	1690120	1663090	1.57	cps
Thallium	203-1	9629	9754	9738	9707	0.70	cps
Thallium	205-1	22562	23030	23030	22874	1.18	cps
Tin	118-1	37529	38515	38164	38069	1.31	cps
Titanium	47-1	5510	5801	5593	5635	2.67	cps
Uranium	238-1	27907	27682	27682	27757	0.47	cps
Vanadium	51-2	3117	2964	3067	3049	2.56	cps
Yttrium	89-1	7209116	7313052	7194902	7239023	0.89	cps
Yttrium	89-2	180309	178104	181823	180078	1.04	cps
Zinc	66-2	337	303	267	302	11.59	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	PB107609BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:21:14	DataFile Name :	019LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	17287	16102	16336	16575	3.79	cps
Zirconium	91-1	3576	3884	3584	3681	4.77	cps

LB Number : LB94183 Operator : Jaswal
 Lab Sample ID : PB107614BL Instrumnet Name : P8
 Client Sample ID : PBS008 Dilution Factor : 1
 Date & Time Acquired :: 2018-03-23 17:24:35 DataFile Name : 020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	0	0	42	14	173.21	cps
Antimony	121-1	1225	1358	1600	1395	13.63	cps
Arsenic	75-1	422	591	497	503	16.84	cps
Barium	135-1	25	17	0	14	91.65	cps
Barium	137-1	50	17	33	33	50.00	cps
Beryllium	9-1	189	183	144	172	14.06	cps
Bismuth	209-1	5870823	5932146	5884568	5895846	0.55	cps
Bismuth	209-2	1426741	1441094	1447779	1438538	0.75	cps
Boron	10-1	633	533	567	578	8.81	cps
Boron	11-1	3426	2717	2767	2970	13.31	cps
Cadmium	111-1	928	938	879	915	3.47	cps
Cadmium	106-1	1325	1325	1242	1297	3.71	cps
Cadmium	108-1	0	8	4	4	99.96	cps
Calcium	43-1	308	317	325	317	2.63	cps
Calcium	44-1	6910	6769	7202	6960	3.18	cps
Chromium	52-2	123	90	130	114	18.73	cps
Cobalt	59-2	27	30	30	29	6.65	cps
Copper	63-2	120	123	147	130	11.18	cps
Dysprosium	156-1	0	0	17	6	173.21	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	8	25	50	28	75.51	cps
Erbium	164-2	3	0	7	3	100.05	cps
Gadolinium	160-1	17	33	17	22	43.28	cps
Gadolinium	160-2	7	3	3	4	43.40	cps
Holmium	165-1	8938522	8990373	8704300	8877732	1.72	cps
Holmium	165-2	1702576	1732412	1726007	1720332	0.91	cps
Indium	115-1	7067152	7093599	6948709	7036487	1.10	cps
Indium	115-2	240846	242271	244665	242594	0.80	cps
Iron	56-2	1278	1245	1433	1319	7.65	cps
Iron	57-2	33	44	33	37	17.33	cps
Krypton	83-1	187	193	210	197	6.11	cps
Lead	206-1	361	394	400	385	5.46	cps
Lead	207-1	317	311	356	328	7.39	cps
Lead	208-1	1445	1517	1478	1480	2.44	cps
Lithium	6-1	1184557	1192624	1189610	1188930	0.34	cps
Magnesium	24-2	258	192	92	181	46.46	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	PB107614BL	Instrumnet Name :	P8
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:24:35	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	13	7	0	7	99.98	cps
Molybdenum	94-1	425	517	658	533	22.04	cps
Molybdenum	95-1	475	533	758	589	25.41	cps
Molybdenum	96-1	567	775	942	761	24.69	cps
Molybdenum	97-1	342	492	717	517	36.53	cps
Molybdenum	98-1	708	1175	1283	1056	28.95	cps
Neodymium	150-1	13	13	0	9	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	580	513	613	569	8.95	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	1542	1425	1583	1517	5.41	cps
Rhodium	103-1	6383299	6421698	6345801	6383599	0.59	cps
Rhodium	103-2	1569346	1552365	1558466	1560059	0.55	cps
Scandium	45-1	3836929	3919506	3831599	3862678	1.28	cps
Scandium	45-2	25427	26315	26432	26058	2.11	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	0	6	0	2	173.21	cps
Selenium	82-1	20	3	4	9	108.11	cps
Silicon	28-1	248709	247772	247681	248054	0.23	cps
Silver	109-1	125	100	125	117	12.37	cps
Silver	107-1	167	125	158	150	14.70	cps
Sodium	23-2	3992	3992	4151	4045	2.26	cps
Strontium	86-1	300	425	358	361	17.32	cps
Strontium	88-1	133	83	83	100	28.87	cps
Sulfur	34-1	261984	264157	260704	262281	0.67	cps
Terbium	159-1	9293746	9243230	9011839	9182938	1.64	cps
Terbium	159-2	1637874	1629756	1663577	1643736	1.07	cps
Thallium	203-1	483	633	492	536	15.72	cps
Thallium	205-1	1175	1509	1308	1331	12.61	cps
Tin	118-1	1142	1192	1233	1189	3.86	cps
Titanium	47-1	167	117	100	128	27.15	cps
Uranium	238-1	25	25	25	25	0.00	cps
Vanadium	51-2	0	3	3	2	86.60	cps
Yttrium	89-1	7131450	7149794	7092307	7124517	0.41	cps
Yttrium	89-2	175880	177369	179592	177613	1.05	cps
Zinc	66-2	20	7	17	14	48.02	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	PB107614BL	Instrumnet Name :	P8
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:24:35	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	442	433	525	467	10.86	cps
Zirconium	91-1	125	142	67	111	35.44	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	PB107614BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:27:57	DataFile Name :	021LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	167	125	83	125	33.33	cps
Antimony	121-1	22194	21576	22503	22091	2.14	cps
Arsenic	75-1	3240	3120	3296	3219	2.79	cps
Barium	135-1	22144	22770	22837	22584	1.69	cps
Barium	137-1	38624	38591	39067	38761	0.69	cps
Beryllium	9-1	1356	1389	1572	1439	8.11	cps
Bismuth	209-1	5931550	5821714	5833570	5862278	1.03	cps
Bismuth	209-2	1430389	1440674	1440473	1437179	0.41	cps
Boron	10-1	3842	3984	4042	3956	2.60	cps
Boron	11-1	18563	18462	18905	18643	1.24	cps
Cadmium	111-1	3100	2983	3156	3080	2.86	cps
Cadmium	106-1	1375	1342	1333	1350	1.63	cps
Cadmium	108-1	192	229	158	193	18.35	cps
Calcium	43-1	11530	11480	11113	11375	2.00	cps
Calcium	44-1	185323	189234	187783	187447	1.05	cps
Chromium	52-2	1907	1843	1730	1827	4.90	cps
Cobalt	59-2	2044	1897	2047	1996	4.29	cps
Copper	63-2	3484	3427	3180	3364	4.80	cps
Dysprosium	156-1	8	8	33	17	86.62	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	42	42	33	39	12.38	cps
Erbium	164-2	17	7	13	12	41.65	cps
Gadolinium	160-1	25	33	17	25	33.32	cps
Gadolinium	160-2	0	0	3	1	173.21	cps
Holmium	165-1	8936880	8724434	8759277	8806863	1.29	cps
Holmium	165-2	1694560	1726136	1723022	1714573	1.01	cps
Indium	115-1	7171906	6929282	6961929	7021039	1.88	cps
Indium	115-2	239696	242366	242646	241569	0.67	cps
Iron	56-2	98082	96336	97673	97363	0.94	cps
Iron	57-2	2461	2306	2150	2306	6.75	cps
Krypton	83-1	253	190	143	196	28.23	cps
Lead	206-1	7597	7213	7641	7484	3.14	cps
Lead	207-1	6802	6730	6780	6771	0.55	cps
Lead	208-1	29948	29731	30738	30139	1.76	cps
Lithium	6-1	1212692	1205178	1172275	1196715	1.80	cps
Magnesium	24-2	15568	15501	15818	15629	1.07	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	PB107614BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:27:57	DataFile Name :	021LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	203	193	213	203	4.92	cps
Molybdenum	94-1	18480	18555	17529	18188	3.15	cps
Molybdenum	95-1	21459	21835	21626	21640	0.87	cps
Molybdenum	96-1	23955	24598	24573	24376	1.49	cps
Molybdenum	97-1	13240	13724	13999	13655	2.81	cps
Molybdenum	98-1	34269	34645	34311	34408	0.60	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1127	1153	1100	1127	2.37	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	9278	9262	9262	9267	0.10	cps
Rhodium	103-1	6400612	6338935	6331410	6356986	0.60	cps
Rhodium	103-2	1536881	1574292	1573337	1561503	1.37	cps
Scandium	45-1	3885679	3925535	3872421	3894545	0.71	cps
Scandium	45-2	26175	26676	25887	26246	1.52	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	15	20	4	13	65.49	cps
Selenium	82-1	634	721	733	696	7.75	cps
Silicon	28-1	316232	315667	314788	315562	0.23	cps
Silver	109-1	11247	10538	9912	10566	6.32	cps
Silver	107-1	11931	11264	11739	11644	2.95	cps
Sodium	23-2	39523	38937	38645	39035	1.15	cps
Strontium	86-1	2925	3292	3109	3109	5.90	cps
Strontium	88-1	23630	24899	24390	24306	2.63	cps
Sulfur	34-1	265570	267928	267656	267051	0.48	cps
Terbium	159-1	9295575	9076850	9154204	9175543	1.21	cps
Terbium	159-2	1609455	1653223	1644080	1635586	1.41	cps
Thallium	203-1	9220	9029	9154	9134	1.07	cps
Thallium	205-1	22170	22020	22529	22240	1.18	cps
Tin	118-1	37036	37169	37570	37258	0.75	cps
Titanium	47-1	5843	5768	5485	5699	3.32	cps
Uranium	238-1	27080	27081	26621	26927	0.98	cps
Vanadium	51-2	2860	2824	2770	2818	1.61	cps
Yttrium	89-1	7233778	7133229	7095742	7154250	1.00	cps
Yttrium	89-2	174307	179498	178287	177364	1.53	cps
Zinc	66-2	287	273	283	281	2.47	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	PB107614BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:27:57	DataFile Name :	021LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	15701	16319	16043	16021	1.93	cps
Zirconium	91-1	3867	3292	3409	3523	8.63	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-01	Instrumnet Name :	P8
Client Sample ID :	MDAN64	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:31:17	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14550	14792	14091	14477	2.46	cps
Antimony	121-1	26344	26402	26477	26408	0.25	cps
Arsenic	75-1	11774	12864	13096	12578	5.61	cps
Barium	135-1	329253	334210	339158	334207	1.48	cps
Barium	137-1	581310	582890	582855	582352	0.15	cps
Beryllium	9-1	422	311	383	372	15.15	cps
Bismuth	209-1	5974349	5862522	5828553	5888474	1.30	cps
Bismuth	209-2	1419212	1428181	1443491	1430295	0.86	cps
Boron	10-1	1050	1167	1033	1083	6.71	cps
Boron	11-1	5585	4943	5201	5243	6.16	cps
Cadmium	111-1	3724	3893	3762	3793	2.33	cps
Cadmium	106-1	1492	1725	1575	1597	7.40	cps
Cadmium	108-1	321	296	267	294	9.21	cps
Calcium	43-1	174319	176452	177172	175981	0.84	cps
Calcium	44-1	2936991	2915710	2929822	2927508	0.37	cps
Chromium	52-2	16944	17267	17217	17143	1.02	cps
Cobalt	59-2	3447	3257	3737	3481	6.95	cps
Copper	63-2	104321	103039	103257	103539	0.66	cps
Dysprosium	156-1	3967	3967	3926	3954	0.61	cps
Dysprosium	156-2	700	777	663	713	8.11	cps
Erbium	164-1	3334	3259	3359	3317	1.57	cps
Erbium	164-2	630	537	547	571	8.97	cps
Gadolinium	160-1	3659	3651	3651	3653	0.13	cps
Gadolinium	160-2	950	1023	970	981	3.86	cps
Holmium	165-1	8968183	8974901	8823504	8922196	0.96	cps
Holmium	165-2	1708332	1729670	1737100	1725034	0.87	cps
Indium	115-1	7063360	6999793	6878901	6980685	1.34	cps
Indium	115-2	237284	236586	240176	238015	0.80	cps
Iron	56-2	6129720	6093732	6125443	6116298	0.32	cps
Iron	57-2	152851	152615	154170	153212	0.55	cps
Krypton	83-1	200	223	270	231	15.42	cps
Lead	206-1	2188727	2146878	2142802	2159469	1.18	cps
Lead	207-1	1847062	1817594	1844573	1836410	0.89	cps
Lead	208-1	8548333	8408905	8507042	8488093	0.84	cps
Lithium	6-1	1199553	1192186	1164968	1185569	1.54	cps
Magnesium	24-2	10212	10554	10154	10307	2.10	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-01	Instrumnet Name :	P8
Client Sample ID :	MDAN64	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:31:17	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	28967	29318	29094	29126	0.61	cps
Molybdenum	94-1	14901	14135	14368	14468	2.71	cps
Molybdenum	95-1	2800	2834	3351	2995	10.30	cps
Molybdenum	96-1	5326	5745	5643	5571	3.92	cps
Molybdenum	97-1	1859	1884	1850	1864	0.93	cps
Molybdenum	98-1	4476	4668	5068	4737	6.38	cps
Neodymium	150-1	5715	5681	5715	5704	0.34	cps
Neodymium	150-2	680	667	697	681	2.21	cps
Nickel	60-2	5321	5054	5414	5263	3.55	cps
Phosphorus	31-2	242	217	233	231	5.52	cps
Potassium	39-2	3151	2825	2850	2942	6.15	cps
Rhodium	103-1	6488439	6455494	6342718	6428884	1.19	cps
Rhodium	103-2	1560746	1537204	1573431	1557127	1.18	cps
Scandium	45-1	3934196	3904175	3824462	3887611	1.46	cps
Scandium	45-2	25904	25654	25620	25726	0.60	cps
Selenium	77-2	7	3	7	6	34.70	cps
Selenium	78-2	4	2	2	2	43.30	cps
Selenium	82-1	90	5	11	36	133.22	cps
Silicon	28-1	2909927	2943767	2890379	2914691	0.93	cps
Silver	109-1	3892	3892	3484	3756	6.28	cps
Silver	107-1	4251	4301	4251	4268	0.68	cps
Sodium	23-2	7894	8094	7994	7994	1.25	cps
Strontium	86-1	116722	116023	117494	116746	0.63	cps
Strontium	88-1	1007201	999257	1007163	1004540	0.46	cps
Sulfur	34-1	270705	266519	263893	267039	1.29	cps
Terbium	159-1	9315295	9204125	9089057	9202825	1.23	cps
Terbium	159-2	1639414	1661201	1651959	1650858	0.66	cps
Thallium	203-1	1075	1308	1183	1189	9.82	cps
Thallium	205-1	3292	3176	3034	3167	4.09	cps
Tin	118-1	666289	673248	676044	671860	0.75	cps
Titanium	47-1	34654	32514	32247	33138	3.98	cps
Uranium	238-1	10914	11080	11030	11008	0.78	cps
Vanadium	51-2	5901	5575	6018	5831	3.94	cps
Yttrium	89-1	7281940	7182086	7005393	7156473	1.96	cps
Yttrium	89-2	174916	176242	177302	176153	0.68	cps
Zinc	66-2	61693	61496	62028	61739	0.44	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-01	Instrumnet Name :	P8
Client Sample ID :	MDAN64	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:31:17	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	34873	34273	34340	34495	0.95	cps
Zirconium	91-1	7662	7302	7427	7464	2.44	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-02	Instrumnet Name :	P8
Client Sample ID :	MDAN64D	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:34:36	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14066	14717	13749	14177	3.48	cps
Antimony	121-1	26085	24799	25709	25531	2.59	cps
Arsenic	75-1	12785	13127	12509	12807	2.42	cps
Barium	135-1	349078	351645	350089	350271	0.37	cps
Barium	137-1	606393	605884	606866	606381	0.08	cps
Beryllium	9-1	383	461	378	407	11.44	cps
Bismuth	209-1	6075175	6012164	5860328	5982556	1.85	cps
Bismuth	209-2	1436482	1402128	1434238	1424282	1.35	cps
Boron	10-1	925	983	933	947	3.33	cps
Boron	11-1	5009	4634	4159	4601	9.26	cps
Cadmium	111-1	3979	3942	3866	3929	1.47	cps
Cadmium	106-1	1775	1850	1667	1764	5.23	cps
Cadmium	108-1	288	225	275	263	12.60	cps
Calcium	43-1	205221	207232	205498	205984	0.53	cps
Calcium	44-1	3377205	3396723	3355312	3376413	0.61	cps
Chromium	52-2	17358	17475	17478	17437	0.39	cps
Cobalt	59-2	3364	3370	3417	3384	0.86	cps
Copper	63-2	110723	110230	110391	110448	0.23	cps
Dysprosium	156-1	4259	4076	3968	4101	3.59	cps
Dysprosium	156-2	777	737	700	738	5.20	cps
Erbium	164-1	3876	3309	3751	3645	8.17	cps
Erbium	164-2	593	603	610	602	1.39	cps
Gadolinium	160-1	3876	3517	3409	3601	6.79	cps
Gadolinium	160-2	883	967	903	918	4.74	cps
Holmium	165-1	9027875	8954513	8821830	8934739	1.17	cps
Holmium	165-2	1696322	1687282	1679453	1687686	0.50	cps
Indium	115-1	7056841	7057519	6942159	7018839	0.95	cps
Indium	115-2	234565	232776	236043	234461	0.70	cps
Iron	56-2	5951104	5925547	5915893	5930848	0.31	cps
Iron	57-2	146900	148662	148864	148142	0.73	cps
Krypton	83-1	240	183	210	211	13.43	cps
Lead	206-1	2208318	2196715	2185377	2196804	0.52	cps
Lead	207-1	1863569	1851154	1864111	1859612	0.39	cps
Lead	208-1	8634752	8582234	8638095	8618360	0.36	cps
Lithium	6-1	1205073	1179822	1170691	1185195	1.50	cps
Magnesium	24-2	10371	10546	10521	10479	0.90	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-02	Instrumnet Name :	P8
Client Sample ID :	MDAN64D	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:34:36	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	29214	28870	28382	28822	1.45	cps
Molybdenum	94-1	13825	14009	16144	14659	8.79	cps
Molybdenum	95-1	2750	2976	3067	2931	5.56	cps
Molybdenum	96-1	5351	5501	5860	5571	4.69	cps
Molybdenum	97-1	1834	1925	1892	1884	2.46	cps
Molybdenum	98-1	4326	4609	4626	4520	3.73	cps
Neodymium	150-1	5915	6388	5688	5997	5.96	cps
Neodymium	150-2	717	807	700	741	7.74	cps
Nickel	60-2	5301	5208	5565	5358	3.45	cps
Phosphorus	31-2	242	150	292	228	31.54	cps
Potassium	39-2	2800	3251	2925	2992	7.77	cps
Rhodium	103-1	6474369	6434879	6363644	6424297	0.87	cps
Rhodium	103-2	1538242	1513268	1532401	1527970	0.85	cps
Scandium	45-1	3895014	3863344	3806758	3855039	1.16	cps
Scandium	45-2	25263	25096	25143	25167	0.34	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	2	6	0	2	114.63	cps
Selenium	82-1	14	101	44	53	82.52	cps
Silicon	28-1	2870274	2870978	2894142	2878465	0.47	cps
Silver	109-1	4059	4159	4092	4104	1.24	cps
Silver	107-1	4176	4459	4526	4387	4.24	cps
Sodium	23-2	8520	8695	8461	8558	1.42	cps
Strontium	86-1	121437	122713	120250	121467	1.01	cps
Strontium	88-1	1050408	1040160	1041947	1044172	0.52	cps
Sulfur	34-1	262121	259855	255866	259280	1.22	cps
Terbium	159-1	9456656	9313800	9137002	9302486	1.72	cps
Terbium	159-2	1631614	1597990	1623844	1617816	1.09	cps
Thallium	203-1	1100	1225	1192	1172	5.52	cps
Thallium	205-1	2684	3392	3084	3053	11.64	cps
Tin	118-1	609702	602722	607976	606800	0.60	cps
Titanium	47-1	32013	32757	33148	32639	1.77	cps
Uranium	238-1	11806	11256	12712	11925	6.17	cps
Vanadium	51-2	6081	5801	6075	5986	2.67	cps
Yttrium	89-1	7234234	7174531	7055039	7154602	1.28	cps
Yttrium	89-2	173917	174099	176193	174736	0.72	cps
Zinc	66-2	61138	62651	61255	61681	1.36	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-02	Instrumnet Name :	P8
Client Sample ID :	MDAN64D	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:34:36	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	35145	35636	33252	34677	3.63	cps
Zirconium	91-1	7461	7486	7628	7525	1.19	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-01LX5	Instrumnet Name :	P8
Client Sample ID :	MDAN64L	Dilution Factor :	5
Date & Time Acquired ::	2018-03-23 17:37:55	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3092	2942	2792	2942	5.10	cps
Antimony	121-1	5735	5902	5943	5860	1.88	cps
Arsenic	75-1	2918	2931	2932	2927	0.26	cps
Barium	135-1	72624	71083	71091	71599	1.24	cps
Barium	137-1	125146	126745	125836	125909	0.64	cps
Beryllium	9-1	172	211	222	202	13.01	cps
Bismuth	209-1	5957049	5991569	5901822	5950147	0.76	cps
Bismuth	209-2	1285331	1384547	1433566	1367815	5.52	cps
Boron	10-1	475	442	408	442	7.55	cps
Boron	11-1	1992	2159	2342	2164	8.09	cps
Cadmium	111-1	1702	1526	1417	1548	9.28	cps
Cadmium	106-1	1483	1350	1242	1358	8.91	cps
Cadmium	108-1	58	46	63	56	15.62	cps
Calcium	43-1	38304	38972	38646	38641	0.86	cps
Calcium	44-1	623367	630164	627948	627160	0.55	cps
Chromium	52-2	3514	3661	3757	3644	3.36	cps
Cobalt	59-2	710	797	727	744	6.18	cps
Copper	63-2	20135	21801	22438	21458	5.54	cps
Dysprosium	156-1	742	858	783	795	7.44	cps
Dysprosium	156-2	163	173	130	156	14.59	cps
Erbium	164-1	742	600	725	689	11.24	cps
Erbium	164-2	107	130	117	118	9.94	cps
Gadolinium	160-1	800	692	783	758	7.69	cps
Gadolinium	160-2	187	190	227	201	11.03	cps
Holmium	165-1	8944605	8982838	8644142	8857195	2.09	cps
Holmium	165-2	1505818	1651193	1679564	1612192	5.78	cps
Indium	115-1	7077855	6998254	6928731	7001613	1.07	cps
Indium	115-2	212814	231343	237722	227293	5.69	cps
Iron	56-2	1167454	1265292	1298044	1243596	5.46	cps
Iron	57-2	29871	32099	32867	31612	4.92	cps
Krypton	83-1	220	267	210	232	13.02	cps
Lead	206-1	460823	461946	465708	462826	0.55	cps
Lead	207-1	385731	384299	387827	385953	0.46	cps
Lead	208-1	1804619	1809355	1817791	1810588	0.37	cps
Lithium	6-1	1188525	1209718	1171064	1189769	1.63	cps
Magnesium	24-2	2084	2442	2592	2373	11.01	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-01LX5	Instrumnet Name :	P8
Client Sample ID :	MDAN64L	Dilution Factor :	5
Date & Time Acquired ::	2018-03-23 17:37:55	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	5518	6061	6535	6038	8.43	cps
Molybdenum	94-1	3126	3342	2959	3142	6.12	cps
Molybdenum	95-1	717	742	1058	839	22.70	cps
Molybdenum	96-1	1333	1375	1417	1375	3.03	cps
Molybdenum	97-1	542	717	692	650	14.56	cps
Molybdenum	98-1	1383	1609	1550	1514	7.71	cps
Neodymium	150-1	1187	1200	1367	1251	8.02	cps
Neodymium	150-2	153	147	170	157	7.67	cps
Nickel	60-2	1410	1483	1607	1500	6.63	cps
Phosphorus	31-2	58	33	33	42	34.65	cps
Potassium	39-2	1725	1875	1734	1778	4.74	cps
Rhodium	103-1	6358961	6359971	6240020	6319651	1.09	cps
Rhodium	103-2	1340974	1486711	1540717	1456134	7.10	cps
Scandium	45-1	3794524	3868174	3695766	3786155	2.28	cps
Scandium	45-2	23039	25056	25560	24552	5.43	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	4	0	2	100.00	cps
Selenium	82-1	15	-70	6	-17	-281.91	cps
Silicon	28-1	874804	855534	865091	865143	1.11	cps
Silver	109-1	1000	1192	1158	1117	9.17	cps
Silver	107-1	1192	1067	1042	1100	7.31	cps
Sodium	23-2	4809	4784	5018	4871	2.63	cps
Strontium	86-1	24748	25332	25066	25049	1.17	cps
Strontium	88-1	213021	213911	215584	214172	0.61	cps
Sulfur	34-1	251990	252397	252417	252268	0.10	cps
Terbium	159-1	9224670	9253858	9073475	9184001	1.05	cps
Terbium	159-2	1423756	1580429	1631199	1545128	7.00	cps
Thallium	203-1	558	708	508	592	17.59	cps
Thallium	205-1	1142	1192	1133	1156	2.73	cps
Tin	118-1	142938	144556	146114	144536	1.10	cps
Titanium	47-1	7211	6794	6652	6885	4.22	cps
Uranium	238-1	2409	2400	2650	2486	5.71	cps
Vanadium	51-2	1127	1157	1207	1163	3.47	cps
Yttrium	89-1	7102269	7093230	7005221	7066907	0.76	cps
Yttrium	89-2	155831	168735	174912	166493	5.85	cps
Zinc	66-2	11902	13090	13270	12754	5.83	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-01LX5	Instrumnet Name :	P8
Client Sample ID :	MDAN64L	Dilution Factor :	5
Date & Time Acquired ::	2018-03-23 17:37:55	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6852	6936	7947	7245	8.42	cps
Zirconium	91-1	1525	1642	1717	1628	5.94	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-03	Instrumnet Name :	P8
Client Sample ID :	MDAN64S	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:41:16	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15367	14258	14558	14728	3.90	cps
Antimony	121-1	132611	134026	135498	134045	1.08	cps
Arsenic	75-1	21911	22746	22494	22383	1.91	cps
Barium	135-1	790830	804148	799668	798215	0.85	cps
Barium	137-1	1371841	1400441	1383172	1385152	1.04	cps
Beryllium	9-1	6546	6741	6796	6694	1.96	cps
Bismuth	209-1	6032590	6077436	5956521	6022182	1.02	cps
Bismuth	209-2	1435298	1406427	1441121	1427615	1.30	cps
Boron	10-1	808	758	925	831	10.30	cps
Boron	11-1	3859	4134	4076	4023	3.60	cps
Cadmium	111-1	14687	14785	14796	14756	0.41	cps
Cadmium	106-1	2467	2375	2509	2450	2.79	cps
Cadmium	108-1	883	967	983	944	5.67	cps
Calcium	43-1	183272	184896	183196	183788	0.52	cps
Calcium	44-1	3017044	3061335	3069091	3049156	0.92	cps
Chromium	52-2	32732	32652	32551	32645	0.28	cps
Cobalt	59-2	95196	93649	93078	93974	1.17	cps
Copper	63-2	145344	143384	143479	144069	0.77	cps
Dysprosium	156-1	3784	3934	3826	3848	2.01	cps
Dysprosium	156-2	723	710	670	701	3.96	cps
Erbium	164-1	3451	3217	3542	3403	4.92	cps
Erbium	164-2	617	547	573	579	6.10	cps
Gadolinium	160-1	3592	3784	3576	3651	3.17	cps
Gadolinium	160-2	797	917	1000	904	11.30	cps
Holmium	165-1	9151021	9001637	8787962	8980207	2.03	cps
Holmium	165-2	1723972	1658890	1712551	1698471	2.05	cps
Indium	115-1	7180795	7114159	6872416	7055790	2.30	cps
Indium	115-2	235445	232986	237722	235384	1.01	cps
Iron	56-2	5944162	5900397	5867064	5903874	0.65	cps
Iron	57-2	149667	147719	148814	148733	0.66	cps
Krypton	83-1	250	240	230	240	4.17	cps
Lead	206-1	2105489	2186539	2163813	2151947	1.94	cps
Lead	207-1	1813207	1824942	1838693	1825614	0.70	cps
Lead	208-1	8390732	8537613	8500687	8476344	0.90	cps
Lithium	6-1	1184457	1188347	1149703	1174169	1.81	cps
Magnesium	24-2	10563	10212	10479	10418	1.76	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-03	Instrumnet Name :	P8
Client Sample ID :	MDAN64S	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:41:16	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	39168	38737	38844	38916	0.58	cps
Molybdenum	94-1	13551	13249	14243	13681	3.72	cps
Molybdenum	95-1	2784	2792	2750	2775	0.79	cps
Molybdenum	96-1	4934	5176	5126	5079	2.51	cps
Molybdenum	97-1	1759	1750	1892	1800	4.42	cps
Molybdenum	98-1	4351	4268	4509	4376	2.81	cps
Neodymium	150-1	6175	6048	5615	5946	4.94	cps
Neodymium	150-2	717	690	630	679	6.54	cps
Nickel	60-2	31863	32131	31539	31844	0.93	cps
Phosphorus	31-2	225	133	142	167	30.41	cps
Potassium	39-2	3050	2834	3284	3056	7.37	cps
Rhodium	103-1	6412141	6408969	6342608	6387906	0.61	cps
Rhodium	103-2	1565302	1492035	1543447	1533595	2.45	cps
Scandium	45-1	3823680	3812445	3744316	3793480	1.13	cps
Scandium	45-2	25614	24542	25170	25108	2.15	cps
Selenium	77-2	13	13	7	11	34.61	cps
Selenium	78-2	22	28	24	25	11.47	cps
Selenium	82-1	1290	1408	1326	1341	4.54	cps
Silicon	28-1	2820949	2889264	2854574	2854929	1.20	cps
Silver	109-1	55315	54060	55155	54843	1.25	cps
Silver	107-1	55724	56938	56269	56310	1.08	cps
Sodium	23-2	8278	8786	8294	8453	3.42	cps
Strontium	86-1	115821	115746	115753	115773	0.04	cps
Strontium	88-1	1001395	992767	1010550	1001571	0.89	cps
Sulfur	34-1	256824	255332	252465	254874	0.87	cps
Terbium	159-1	9361130	9364568	9186965	9304221	1.09	cps
Terbium	159-2	1639248	1594003	1633449	1622233	1.52	cps
Thallium	203-1	45683	45541	44236	45153	1.77	cps
Thallium	205-1	106906	109721	107763	108130	1.33	cps
Tin	118-1	628361	631905	625577	628614	0.50	cps
Titanium	47-1	31478	33584	31637	32233	3.64	cps
Uranium	238-1	11281	11689	11064	11345	2.80	cps
Vanadium	51-2	35853	35685	35298	35612	0.80	cps
Yttrium	89-1	7190525	7206233	7065363	7154040	1.08	cps
Yttrium	89-2	175416	171743	176929	174696	1.53	cps
Zinc	66-2	66807	66284	66753	66615	0.43	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-03	Instrumnet Name :	P8
Client Sample ID :	MDAN64S	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:41:16	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	32963	37121	32942	34342	7.01	cps
Zirconium	91-1	7102	7844	6752	7233	7.71	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-04	Instrumnet Name :	P8
Client Sample ID :	MDAN65	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:44:35	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14867	15459	15075	15134	1.99	cps
Antimony	121-1	51559	52922	51082	51854	1.84	cps
Arsenic	75-1	22438	23128	22907	22824	1.54	cps
Barium	135-1	614737	612587	611771	613032	0.25	cps
Barium	137-1	1062951	1076398	1075802	1071717	0.71	cps
Beryllium	9-1	383	400	406	396	2.92	cps
Bismuth	209-1	6012828	6069686	5955013	6012509	0.95	cps
Bismuth	209-2	1440082	1416385	1433271	1429913	0.85	cps
Boron	10-1	1458	1800	1875	1711	12.98	cps
Boron	11-1	7844	7919	8094	7952	1.61	cps
Cadmium	111-1	5117	5537	5153	5269	4.42	cps
Cadmium	106-1	1509	1834	1525	1622	11.28	cps
Cadmium	108-1	438	371	379	396	9.18	cps
Calcium	43-1	553555	554642	557103	555100	0.33	cps
Calcium	44-1	9047974	9108450	9104052	9086825	0.37	cps
Chromium	52-2	43314	42632	43882	43276	1.45	cps
Cobalt	59-2	16697	16460	17061	16739	1.81	cps
Copper	63-2	381405	378490	376587	378828	0.64	cps
Dysprosium	156-1	4726	4593	4343	4554	4.27	cps
Dysprosium	156-2	803	860	830	831	3.41	cps
Erbium	164-1	4201	4343	3884	4143	5.67	cps
Erbium	164-2	660	597	707	654	8.44	cps
Gadolinium	160-1	3892	4584	4434	4304	8.46	cps
Gadolinium	160-2	1127	1107	1150	1128	1.92	cps
Holmium	165-1	8949225	9024834	8986791	8986950	0.42	cps
Holmium	165-2	1746457	1657328	1722236	1708673	2.70	cps
Indium	115-1	6990878	6973064	6945796	6969913	0.33	cps
Indium	115-2	233699	229126	233427	232084	1.11	cps
Iron	56-2	28494812	28151311	28407993	28351372	0.63	cps
Iron	57-2	714739	706967	712959	711555	0.57	cps
Krypton	83-1	233	207	230	223	6.51	cps
Lead	206-1	15675170	15837372	15775865	15762802	0.52	cps
Lead	207-1	13411241	13691230	13519027	13540499	1.04	cps
Lead	208-1	62231007	62939711	62251445	62474055	0.65	cps
Lithium	6-1	1160336	1186492	1135466	1160765	2.20	cps
Magnesium	24-2	34810	33499	34234	34181	1.92	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-04	Instrumnet Name :	P8
Client Sample ID :	MDAN65	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:44:35	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	81305	81110	80111	80842	0.79	cps
Molybdenum	94-1	16872	16729	17129	16910	1.20	cps
Molybdenum	95-1	13549	13224	13365	13379	1.22	cps
Molybdenum	96-1	16411	16719	16978	16703	1.70	cps
Molybdenum	97-1	8637	8144	8828	8536	4.13	cps
Molybdenum	98-1	21718	21568	20667	21318	2.67	cps
Neodymium	150-1	6128	6622	6535	6428	4.10	cps
Neodymium	150-2	737	713	777	742	4.32	cps
Nickel	60-2	17131	16477	16540	16716	2.16	cps
Phosphorus	31-2	258	242	258	253	3.81	cps
Potassium	39-2	2800	2450	2467	2573	7.68	cps
Rhodium	103-1	6402804	6422079	6343019	6389300	0.65	cps
Rhodium	103-2	1530431	1506470	1526055	1520985	0.84	cps
Scandium	45-1	3815893	3868699	3818225	3834272	0.78	cps
Scandium	45-2	25523	24629	25563	25238	2.09	cps
Selenium	77-2	7	10	0	6	91.64	cps
Selenium	78-2	0	7	0	2	173.21	cps
Selenium	82-1	30	59	74	54	41.48	cps
Silicon	28-1	4869391	4805138	4697888	4790806	1.81	cps
Silver	109-1	6452	6343	6127	6307	2.62	cps
Silver	107-1	6677	6719	6802	6733	0.95	cps
Sodium	23-2	11931	11897	12164	11997	1.21	cps
Strontium	86-1	238304	236597	236249	237050	0.46	cps
Strontium	88-1	2115429	2060241	2105232	2093634	1.40	cps
Sulfur	34-1	265118	265229	270473	266940	1.15	cps
Terbium	159-1	9340030	9427082	9257055	9341389	0.91	cps
Terbium	159-2	1630518	1612456	1633017	1625330	0.69	cps
Thallium	203-1	758	700	708	722	4.37	cps
Thallium	205-1	1734	1750	1959	1814	6.91	cps
Tin	118-1	3306450	3324839	3333828	3321706	0.42	cps
Titanium	47-1	84639	85999	86552	85730	1.15	cps
Uranium	238-1	10096	10372	9671	10046	3.51	cps
Vanadium	51-2	4117	3967	3901	3995	2.78	cps
Yttrium	89-1	7267040	7187604	7150422	7201689	0.83	cps
Yttrium	89-2	178162	173925	176193	176093	1.20	cps
Zinc	66-2	108117	107452	107781	107783	0.31	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-04	Instrumnet Name :	P8
Client Sample ID :	MDAN65	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:44:35	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	26373	26582	28937	27297	5.22	cps
Zirconium	91-1	6286	6269	6370	6308	0.86	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-05	Instrumnet Name :	P8
Client Sample ID :	MDAN66	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:47:53	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8111	8903	8286	8433	4.93	cps
Antimony	121-1	7327	8045	7394	7589	5.22	cps
Arsenic	75-1	16496	16337	16582	16472	0.75	cps
Barium	135-1	109642	109844	110508	109998	0.41	cps
Barium	137-1	192465	192069	193869	192801	0.49	cps
Beryllium	9-1	272	256	194	241	17.01	cps
Bismuth	209-1	6095770	6190039	6222883	6169564	1.07	cps
Bismuth	209-2	1473412	1457474	1449823	1460236	0.82	cps
Boron	10-1	1292	1242	1358	1297	4.51	cps
Boron	11-1	6285	6635	6268	6396	3.24	cps
Cadmium	111-1	2119	2276	2407	2267	6.37	cps
Cadmium	106-1	1333	1567	1550	1483	8.78	cps
Cadmium	108-1	146	138	88	124	25.52	cps
Calcium	43-1	463841	458214	458232	460096	0.70	cps
Calcium	44-1	7548976	7501210	7460512	7503566	0.59	cps
Chromium	52-2	13143	13397	13110	13216	1.19	cps
Cobalt	59-2	1343	1530	1377	1417	7.03	cps
Copper	63-2	44752	45020	44612	44794	0.46	cps
Dysprosium	156-1	2967	3042	2884	2964	2.67	cps
Dysprosium	156-2	577	570	597	581	2.39	cps
Erbium	164-1	2809	2650	2884	2781	4.28	cps
Erbium	164-2	510	490	497	499	2.04	cps
Gadolinium	160-1	2950	2675	2775	2800	4.97	cps
Gadolinium	160-2	720	820	703	748	8.44	cps
Holmium	165-1	9233242	9299875	9299557	9277558	0.41	cps
Holmium	165-2	1737905	1761946	1740918	1746923	0.75	cps
Indium	115-1	7135036	7265802	7170126	7190321	0.94	cps
Indium	115-2	243516	238556	236261	239445	1.55	cps
Iron	56-2	2629287	2613981	2615688	2619652	0.32	cps
Iron	57-2	64538	64929	64739	64735	0.30	cps
Krypton	83-1	273	203	223	233	15.45	cps
Lead	206-1	461450	461451	457304	460069	0.52	cps
Lead	207-1	386800	384751	386259	385937	0.28	cps
Lead	208-1	1801489	1798641	1802180	1800770	0.10	cps
Lithium	6-1	1184639	1197918	1186749	1189769	0.60	cps
Magnesium	24-2	13866	13565	14016	13816	1.66	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-05	Instrumnet Name :	P8
Client Sample ID :	MDAN66	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:47:53	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	14875	15512	15465	15284	2.32	cps
Molybdenum	94-1	5351	5477	5468	5432	1.29	cps
Molybdenum	95-1	1242	1408	1258	1303	7.05	cps
Molybdenum	96-1	2200	2275	2592	2356	8.83	cps
Molybdenum	97-1	867	908	875	883	2.50	cps
Molybdenum	98-1	2142	2284	2150	2192	3.63	cps
Neodymium	150-1	4254	4474	4641	4456	4.35	cps
Neodymium	150-2	510	567	537	538	5.27	cps
Nickel	60-2	2214	2150	2154	2172	1.64	cps
Phosphorus	31-2	183	200	192	192	4.35	cps
Potassium	39-2	3901	4067	3801	3923	3.44	cps
Rhodium	103-1	6511007	6546664	6570302	6542657	0.46	cps
Rhodium	103-2	1598359	1575659	1555039	1576352	1.37	cps
Scandium	45-1	3852452	3898562	3854700	3868571	0.67	cps
Scandium	45-2	25263	25744	24772	25260	1.92	cps
Selenium	77-2	3	7	0	3	100.05	cps
Selenium	78-2	2	2	0	1	86.60	cps
Selenium	82-1	-23	72	36	28	168.34	cps
Silicon	28-1	3263601	3016675	3067401	3115892	4.19	cps
Silver	109-1	1517	1317	1467	1433	7.26	cps
Silver	107-1	1525	1709	1642	1625	5.71	cps
Sodium	23-2	10162	9929	10004	10032	1.19	cps
Strontium	86-1	119687	120923	120981	120530	0.61	cps
Strontium	88-1	1047012	1049600	1054618	1050410	0.37	cps
Sulfur	34-1	270082	269998	268325	269469	0.37	cps
Terbium	159-1	9475999	9536277	9509796	9507357	0.32	cps
Terbium	159-2	1687447	1644638	1652526	1661537	1.37	cps
Thallium	203-1	542	583	458	528	12.06	cps
Thallium	205-1	1433	1192	1350	1325	9.27	cps
Tin	118-1	30502	31196	29918	30539	2.10	cps
Titanium	47-1	24664	24364	26073	25034	3.65	cps
Uranium	238-1	12373	11981	12523	12293	2.28	cps
Vanadium	51-2	3424	3157	3350	3310	4.16	cps
Yttrium	89-1	7222551	7345068	7228155	7265258	0.95	cps
Yttrium	89-2	180151	177044	178373	178522	0.87	cps
Zinc	66-2	27504	27531	27564	27533	0.11	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-05	Instrumnet Name :	P8
Client Sample ID :	MDAN66	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:47:53	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	12748	13390	13207	13115	2.52	cps
Zirconium	91-1	3184	3059	2684	2975	8.75	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-06	Instrumnet Name :	P8
Client Sample ID :	MDAN67	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:51:14	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5518	5885	5701	5701	3.22	cps
Antimony	121-1	5285	6185	5418	5629	8.63	cps
Arsenic	75-1	9719	10014	10297	10010	2.89	cps
Barium	135-1	74510	74233	75490	74744	0.88	cps
Barium	137-1	130186	130160	131702	130683	0.68	cps
Beryllium	9-1	211	239	233	228	6.45	cps
Bismuth	209-1	6074545	6241847	5043099	5786497	11.22	cps
Bismuth	209-2	1466685	1447361	1454755	1456267	0.67	cps
Boron	10-1	983	958	975	972	1.31	cps
Boron	11-1	4701	5118	4526	4782	6.36	cps
Cadmium	111-1	1670	1646	1528	1615	4.73	cps
Cadmium	106-1	1217	1317	1133	1222	7.51	cps
Cadmium	108-1	33	96	58	63	50.34	cps
Calcium	43-1	575662	573261	582961	577294	0.88	cps
Calcium	44-1	9433068	9387871	9462920	9427953	0.40	cps
Chromium	52-2	9143	9123	9073	9113	0.40	cps
Cobalt	59-2	753	827	800	793	4.68	cps
Copper	63-2	34326	34767	34259	34451	0.80	cps
Dysprosium	156-1	2642	2642	2275	2520	8.40	cps
Dysprosium	156-2	543	487	567	532	7.73	cps
Erbium	164-1	2909	2725	2709	2781	3.99	cps
Erbium	164-2	413	403	450	422	5.82	cps
Gadolinium	160-1	2292	2584	2392	2423	6.12	cps
Gadolinium	160-2	650	597	613	620	4.40	cps
Holmium	165-1	9307600	9252433	7641891	8733975	10.83	cps
Holmium	165-2	1756591	1726653	1740196	1741147	0.86	cps
Indium	115-1	7178753	7257586	5904714	6780351	11.20	cps
Indium	115-2	245428	239869	239794	241697	1.34	cps
Iron	56-2	1713775	1686240	1678597	1692871	1.09	cps
Iron	57-2	41941	42337	41256	41845	1.31	cps
Krypton	83-1	213	193	237	214	10.11	cps
Lead	206-1	338001	337970	339012	338327	0.18	cps
Lead	207-1	285700	282154	283926	283927	0.62	cps
Lead	208-1	1314668	1311149	1325588	1317135	0.57	cps
Lithium	6-1	1152245	1175934	983470	1103883	9.51	cps
Magnesium	24-2	12306	12606	11238	12050	5.97	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-06	Instrumnet Name :	P8
Client Sample ID :	MDAN67	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:51:14	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	9287	9136	9293	9239	0.96	cps
Molybdenum	94-1	2634	2767	3276	2892	11.71	cps
Molybdenum	95-1	1300	1367	1292	1320	3.12	cps
Molybdenum	96-1	1692	1734	1909	1778	6.47	cps
Molybdenum	97-1	792	942	858	864	8.70	cps
Molybdenum	98-1	2000	1934	1892	1942	2.81	cps
Neodymium	150-1	3721	3607	4007	3778	5.46	cps
Neodymium	150-2	390	480	453	441	10.48	cps
Nickel	60-2	1880	1840	1914	1878	1.96	cps
Phosphorus	31-2	75	175	125	125	40.00	cps
Potassium	39-2	2959	3017	3401	3125	7.68	cps
Rhodium	103-1	6519263	6595261	5306118	6140214	11.78	cps
Rhodium	103-2	1589724	1545683	1583447	1572951	1.51	cps
Scandium	45-1	3881865	3899478	3185361	3655568	11.14	cps
Scandium	45-2	25233	25286	25891	25470	1.43	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	2	2	2	2	0.00	cps
Selenium	82-1	10	67	53	44	68.32	cps
Silicon	28-1	2742271	2605445	2534928	2627548	4.01	cps
Silver	109-1	1417	1250	1233	1300	7.80	cps
Silver	107-1	1150	1358	1367	1292	9.50	cps
Sodium	23-2	10346	10321	10062	10243	1.53	cps
Strontium	86-1	103759	103550	105640	104316	1.10	cps
Strontium	88-1	907174	908574	919224	911657	0.72	cps
Sulfur	34-1	267154	261399	262019	263524	1.20	cps
Terbium	159-1	9598122	9725343	7896762	9073409	11.25	cps
Terbium	159-2	1705111	1662694	1664506	1677437	1.43	cps
Thallium	203-1	542	483	517	514	5.70	cps
Thallium	205-1	1325	1392	1358	1358	2.45	cps
Tin	118-1	22328	22052	22403	22261	0.83	cps
Titanium	47-1	7477	7344	6493	7105	7.51	cps
Uranium	238-1	11840	11247	12032	11706	3.49	cps
Vanadium	51-2	2387	2377	2354	2372	0.72	cps
Yttrium	89-1	7287867	7404971	5996946	6896595	11.33	cps
Yttrium	89-2	181659	177338	176954	178650	1.46	cps
Zinc	66-2	17298	18029	17304	17544	2.39	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-06	Instrumnet Name :	P8
Client Sample ID :	MDAN67	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:51:14	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5868	6193	8362	6808	19.91	cps
Zirconium	91-1	1267	1308	1300	1292	1.71	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-07	Instrumnet Name :	P8
Client Sample ID :	MDAN68	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:54:33	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12840	12990	13090	12973	0.97	cps
Antimony	121-1	13549	13599	13816	13655	1.04	cps
Arsenic	75-1	10813	11046	11493	11117	3.11	cps
Barium	135-1	185821	186942	187070	186611	0.37	cps
Barium	137-1	324495	322052	326929	324492	0.75	cps
Beryllium	9-1	289	289	322	300	6.41	cps
Bismuth	209-1	6170625	6378509	6309323	6286152	1.68	cps
Bismuth	209-2	1476462	1449663	1475369	1467165	1.03	cps
Boron	10-1	792	842	800	811	3.30	cps
Boron	11-1	3809	3901	3834	3848	1.23	cps
Cadmium	111-1	2673	2615	2541	2610	2.54	cps
Cadmium	106-1	1400	1442	1325	1389	4.26	cps
Cadmium	108-1	142	158	154	151	5.73	cps
Calcium	43-1	135919	138300	137677	137298	0.90	cps
Calcium	44-1	2312016	2301078	2315903	2309665	0.33	cps
Chromium	52-2	13260	12889	13176	13109	1.48	cps
Cobalt	59-2	1460	1387	1383	1410	3.07	cps
Copper	63-2	156287	155367	153989	155214	0.75	cps
Dysprosium	156-1	3759	3942	3917	3873	2.57	cps
Dysprosium	156-2	713	710	623	682	7.48	cps
Erbium	164-1	3434	3476	3492	3467	0.87	cps
Erbium	164-2	597	620	647	621	4.03	cps
Gadolinium	160-1	3484	3351	3684	3506	4.79	cps
Gadolinium	160-2	743	957	903	868	12.79	cps
Holmium	165-1	9143095	9478008	9290158	9303753	1.80	cps
Holmium	165-2	1746776	1703704	1724640	1725040	1.25	cps
Indium	115-1	7132325	7267750	7138641	7179572	1.06	cps
Indium	115-2	243627	239470	239839	240979	0.95	cps
Iron	56-2	2934599	2884176	2901910	2906895	0.88	cps
Iron	57-2	71784	71578	71807	71723	0.18	cps
Krypton	83-1	200	240	303	248	21.03	cps
Lead	206-1	1215747	1237129	1235054	1229310	0.96	cps
Lead	207-1	1023229	1042357	1037792	1034459	0.97	cps
Lead	208-1	4819616	4919654	4881469	4873580	1.04	cps
Lithium	6-1	1165481	1200630	1186066	1184059	1.49	cps
Magnesium	24-2	13882	13665	14300	13949	2.31	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-07	Instrumnet Name :	P8
Client Sample ID :	MDAN68	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:54:33	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	14791	14958	14851	14867	0.57	cps
Molybdenum	94-1	4509	4359	4326	4398	2.22	cps
Molybdenum	95-1	1692	1400	1784	1625	12.32	cps
Molybdenum	96-1	2184	2242	2642	2356	10.59	cps
Molybdenum	97-1	1092	1250	1067	1136	8.75	cps
Molybdenum	98-1	2484	2675	2709	2623	4.63	cps
Neodymium	150-1	5902	5688	5735	5775	1.94	cps
Neodymium	150-2	673	663	693	677	2.26	cps
Nickel	60-2	3667	3654	3704	3675	0.71	cps
Phosphorus	31-2	200	192	192	194	2.47	cps
Potassium	39-2	7060	6810	6894	6921	1.84	cps
Rhodium	103-1	6487479	6602947	6575346	6555257	0.92	cps
Rhodium	103-2	1595246	1551625	1578662	1575178	1.40	cps
Scandium	45-1	3802494	3882256	3792425	3825725	1.29	cps
Scandium	45-2	25046	24168	24789	24667	1.83	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	2	2	9	4	99.03	cps
Selenium	82-1	68	25	-51	14	433.78	cps
Silicon	28-1	3170909	3026738	3061972	3086540	2.44	cps
Silver	109-1	2542	2692	2575	2603	3.03	cps
Silver	107-1	2300	2792	2475	2523	9.88	cps
Sodium	23-2	9954	9979	10346	10093	2.17	cps
Strontium	86-1	132588	132790	129341	131573	1.47	cps
Strontium	88-1	1155529	1153919	1153322	1154257	0.10	cps
Sulfur	34-1	260889	262120	258692	260567	0.67	cps
Terbium	159-1	9509336	9792173	9586386	9629298	1.52	cps
Terbium	159-2	1684136	1667010	1656438	1669194	0.84	cps
Thallium	203-1	433	508	417	453	10.78	cps
Thallium	205-1	1142	1275	1142	1186	6.49	cps
Tin	118-1	72036	70931	70830	71265	0.94	cps
Titanium	47-1	14066	13607	14266	13980	2.42	cps
Uranium	238-1	16512	16145	15452	16036	3.36	cps
Vanadium	51-2	3274	3237	3290	3267	0.84	cps
Yttrium	89-1	7239287	7426103	7344355	7336582	1.28	cps
Yttrium	89-2	177851	174330	177844	176675	1.15	cps
Zinc	66-2	38246	37765	38116	38042	0.65	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-07	Instrumnet Name :	P8
Client Sample ID :	MDAN68	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:54:33	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	9571	9812	9829	9737	1.49	cps
Zirconium	91-1	2075	2042	2200	2106	3.96	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-08	Instrumnet Name :	P8
Client Sample ID :	MDAN69	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:57:53	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4259	4401	4418	4359	2.00	cps
Antimony	121-1	7144	6685	6744	6858	3.64	cps
Arsenic	75-1	18426	18041	17156	17874	3.64	cps
Barium	135-1	62490	63419	62657	62856	0.79	cps
Barium	137-1	110527	110156	112560	111081	1.17	cps
Beryllium	9-1	94	150	200	148	35.64	cps
Bismuth	209-1	6161840	6285061	6286726	6244543	1.15	cps
Bismuth	209-2	1499120	1455937	1468779	1474612	1.50	cps
Boron	10-1	825	775	883	828	6.55	cps
Boron	11-1	3626	4026	3834	3828	5.23	cps
Cadmium	111-1	1974	1946	1891	1937	2.17	cps
Cadmium	106-1	1433	1350	1450	1411	3.80	cps
Cadmium	108-1	96	100	129	108	16.76	cps
Calcium	43-1	106140	104294	106627	105687	1.16	cps
Calcium	44-1	1777705	1760710	1770220	1769545	0.48	cps
Chromium	52-2	17131	16634	16734	16833	1.56	cps
Cobalt	59-2	953	1053	987	998	5.10	cps
Copper	63-2	42752	42903	42575	42743	0.38	cps
Dysprosium	156-1	1608	1383	1392	1461	8.73	cps
Dysprosium	156-2	257	247	287	263	7.90	cps
Erbium	164-1	1442	1208	1300	1317	8.93	cps
Erbium	164-2	277	153	200	210	29.65	cps
Gadolinium	160-1	1342	1375	1267	1328	4.18	cps
Gadolinium	160-2	363	277	330	323	13.52	cps
Holmium	165-1	9142565	9405112	9259119	9268932	1.42	cps
Holmium	165-2	1770518	1711397	1726886	1736267	1.77	cps
Indium	115-1	7100194	7262290	7194335	7185606	1.13	cps
Indium	115-2	242460	237002	234469	237977	1.72	cps
Iron	56-2	1653241	1629922	1612626	1631930	1.25	cps
Iron	57-2	39908	40816	39980	40235	1.25	cps
Krypton	83-1	217	247	247	237	7.32	cps
Lead	206-1	756999	767236	761563	761933	0.67	cps
Lead	207-1	635710	640993	638459	638387	0.41	cps
Lead	208-1	2991634	2977145	3003871	2990883	0.45	cps
Lithium	6-1	1172012	1170420	1163771	1168734	0.37	cps
Magnesium	24-2	8378	8028	8770	8392	4.42	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-08	Instrumnet Name :	P8
Client Sample ID :	MDAN69	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:57:53	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	10387	10267	9984	10213	2.03	cps
Molybdenum	94-1	2567	2475	2642	2561	3.26	cps
Molybdenum	95-1	1317	1333	1450	1367	5.32	cps
Molybdenum	96-1	1625	1525	1834	1661	9.47	cps
Molybdenum	97-1	692	958	983	878	18.42	cps
Molybdenum	98-1	1917	2200	2125	2081	7.06	cps
Neodymium	150-1	1914	2060	1960	1978	3.79	cps
Neodymium	150-2	257	240	187	228	16.05	cps
Nickel	60-2	2787	2657	2690	2711	2.49	cps
Phosphorus	31-2	175	125	167	156	17.22	cps
Potassium	39-2	4576	4276	4384	4412	3.44	cps
Rhodium	103-1	6469855	6602706	6472037	6514866	1.17	cps
Rhodium	103-2	1596724	1541500	1562318	1566847	1.78	cps
Scandium	45-1	3800961	3873371	3786779	3820371	1.22	cps
Scandium	45-2	25296	24689	24649	24878	1.46	cps
Selenium	77-2	3	7	0	3	100.05	cps
Selenium	78-2	6	4	0	3	91.69	cps
Selenium	82-1	33	41	-26	16	226.99	cps
Silicon	28-1	1605532	1635390	1601072	1613998	1.16	cps
Silver	109-1	1258	1325	1442	1342	6.92	cps
Silver	107-1	1567	1575	1517	1553	2.03	cps
Sodium	23-2	11138	10096	10404	10546	5.08	cps
Strontium	86-1	89896	89266	89442	89535	0.36	cps
Strontium	88-1	772264	769240	774365	771956	0.33	cps
Sulfur	34-1	255842	257943	259896	257894	0.79	cps
Terbium	159-1	9387381	9691349	9604277	9561002	1.64	cps
Terbium	159-2	1676230	1643035	1652136	1657133	1.04	cps
Thallium	203-1	358	358	325	347	5.54	cps
Thallium	205-1	975	900	967	947	4.34	cps
Tin	118-1	69096	68861	68996	68984	0.17	cps
Titanium	47-1	12731	13065	13132	12976	1.65	cps
Uranium	238-1	5685	5218	5618	5507	4.58	cps
Vanadium	51-2	3587	3464	3504	3518	1.79	cps
Yttrium	89-1	7094686	7282216	7164398	7180433	1.32	cps
Yttrium	89-2	178505	174245	172549	175100	1.75	cps
Zinc	66-2	9613	9867	9500	9660	1.94	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-08	Instrumnet Name :	P8
Client Sample ID :	MDAN69	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 17:57:53	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4818	4968	4985	4923	1.87	cps
Zirconium	91-1	1200	1050	1025	1092	8.67	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-09	Instrumnet Name :	P8
Client Sample ID :	MDAN70	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 18:01:13	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	34693	33599	33574	33956	1.88	cps
Antimony	121-1	1158	1217	1367	1247	8.62	cps
Arsenic	75-1	2097	2712	1278	2029	35.45	cps
Barium	135-1	4376	4234	5123	4578	10.43	cps
Barium	137-1	7061	8262	7427	7583	8.12	cps
Beryllium	9-1	167	139	183	163	13.78	cps
Bismuth	209-1	5583618	6092688	6151953	5942753	5.26	cps
Bismuth	209-2	1451199	1435035	1457111	1447782	0.79	cps
Boron	10-1	317	358	350	342	6.45	cps
Boron	11-1	1533	1508	1575	1539	2.19	cps
Cadmium	111-1	843	868	852	854	1.44	cps
Cadmium	106-1	1100	1225	1175	1167	5.39	cps
Cadmium	108-1	8	33	42	28	62.46	cps
Calcium	43-1	2250	1959	2109	2106	6.93	cps
Calcium	44-1	31419	32138	31645	31734	1.16	cps
Chromium	52-2	4264	10591	4281	6379	57.19	cps
Cobalt	59-2	143	93	140	126	22.26	cps
Copper	63-2	2380	2627	2507	2505	4.93	cps
Dysprosium	156-1	2709	2559	2934	2734	6.91	cps
Dysprosium	156-2	490	490	470	483	2.39	cps
Erbium	164-1	2267	2092	2475	2278	8.43	cps
Erbium	164-2	363	383	460	402	12.69	cps
Gadolinium	160-1	2209	2342	2634	2395	9.08	cps
Gadolinium	160-2	670	627	637	644	3.52	cps
Holmium	165-1	8306685	9218385	9242556	8922542	5.98	cps
Holmium	165-2	1707231	1697938	1701826	1702332	0.27	cps
Indium	115-1	6461034	7131848	7184829	6925904	5.83	cps
Indium	115-2	237249	233743	235114	235369	0.75	cps
Iron	56-2	43157	46882	45584	45208	4.18	cps
Iron	57-2	1078	1106	1089	1091	1.28	cps
Krypton	83-1	263	227	227	239	8.86	cps
Lead	206-1	28366	27447	28912	28241	2.62	cps
Lead	207-1	24514	24140	23845	24166	1.39	cps
Lead	208-1	112671	111277	111896	111948	0.62	cps
Lithium	6-1	1076953	1167912	1163437	1136100	4.51	cps
Magnesium	24-2	458	433	425	439	3.95	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-09	Instrumnet Name :	P8
Client Sample ID :	MDAN70	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 18:01:13	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1807	1780	1800	1796	0.77	cps
Molybdenum	94-1	7411	7127	7211	7250	2.01	cps
Molybdenum	95-1	1700	1859	1900	1820	5.80	cps
Molybdenum	96-1	2859	3176	2917	2984	5.65	cps
Molybdenum	97-1	1058	1242	1484	1261	16.92	cps
Molybdenum	98-1	2825	2684	3142	2884	8.14	cps
Neodymium	150-1	3607	3234	3381	3407	5.52	cps
Neodymium	150-2	440	430	370	413	9.16	cps
Nickel	60-2	1123	1013	1023	1053	5.77	cps
Phosphorus	31-2	92	108	83	94	13.48	cps
Potassium	39-2	1584	1475	1367	1475	7.35	cps
Rhodium	103-1	5850623	6501289	6465972	6272628	5.83	cps
Rhodium	103-2	1586987	1561671	1540829	1563162	1.48	cps
Scandium	45-1	3423525	3762937	3765052	3650505	5.38	cps
Scandium	45-2	25012	24432	24408	24617	1.39	cps
Selenium	77-2	0	7	3	3	100.05	cps
Selenium	78-2	4	4	4	4	0.00	cps
Selenium	82-1	35	104	71	70	49.01	cps
Silicon	28-1	3356886	3492771	3311637	3387098	2.78	cps
Silver	109-1	542	458	517	506	8.46	cps
Silver	107-1	550	658	642	617	9.46	cps
Sodium	23-2	8269	7919	8528	8239	3.71	cps
Strontium	86-1	2692	2609	2642	2648	1.58	cps
Strontium	88-1	18981	18847	18388	18739	1.66	cps
Sulfur	34-1	243530	238427	235174	239044	1.76	cps
Terbium	159-1	8636757	9425054	9460052	9173955	5.07	cps
Terbium	159-2	1667831	1630489	1636154	1644825	1.22	cps
Thallium	203-1	242	250	292	261	10.26	cps
Thallium	205-1	650	558	650	619	8.54	cps
Tin	118-1	2375	2584	2617	2525	5.19	cps
Titanium	47-1	17765	17847	17196	17602	2.01	cps
Uranium	238-1	12999	14117	12615	13244	5.89	cps
Vanadium	51-2	3114	3237	3240	3197	2.26	cps
Yttrium	89-1	6555768	7132877	7163095	6950580	4.92	cps
Yttrium	89-2	174585	171022	173878	173162	1.09	cps
Zinc	66-2	200	210	180	197	7.77	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-09	Instrumnet Name :	P8
Client Sample ID :	MDAN70	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 18:01:13	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	17162	17087	15843	16697	4.43	cps
Zirconium	91-1	3801	4334	3309	3815	13.44	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-10	Instrumnet Name :	P8
Client Sample ID :	MDAN71	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 18:04:33	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14642	14792	15617	15017	3.50	cps
Antimony	121-1	1017	1025	1017	1020	0.47	cps
Arsenic	75-1	1043	2532	1540	1705	44.46	cps
Barium	135-1	8236	8662	8536	8478	2.58	cps
Barium	137-1	14000	14709	14750	14486	2.91	cps
Beryllium	9-1	89	150	111	117	26.51	cps
Bismuth	209-1	6006214	6272250	6149749	6142738	2.17	cps
Bismuth	209-2	1453999	1411087	1438239	1434442	1.51	cps
Boron	10-1	308	267	325	300	10.02	cps
Boron	11-1	1158	1342	1283	1261	7.43	cps
Cadmium	111-1	796	810	788	798	1.35	cps
Cadmium	106-1	1092	1133	1075	1100	2.73	cps
Cadmium	108-1	8	13	8	10	24.77	cps
Calcium	43-1	12431	12306	12489	12409	0.76	cps
Calcium	44-1	204877	202399	202422	203233	0.70	cps
Chromium	52-2	5001	4924	6262	5396	13.93	cps
Cobalt	59-2	143	100	110	118	19.27	cps
Copper	63-2	1383	1587	1417	1462	7.46	cps
Dysprosium	156-1	1233	1208	1233	1225	1.18	cps
Dysprosium	156-2	257	207	200	221	14.01	cps
Erbium	164-1	867	917	775	853	8.43	cps
Erbium	164-2	153	137	197	162	19.09	cps
Gadolinium	160-1	1017	1258	1125	1133	10.68	cps
Gadolinium	160-2	307	237	243	262	14.73	cps
Holmium	165-1	8845344	9121551	9059443	9008779	1.61	cps
Holmium	165-2	1710678	1660084	1681066	1683943	1.51	cps
Indium	115-1	6957286	7045214	6914684	6972395	0.95	cps
Indium	115-2	232720	228218	233275	231404	1.20	cps
Iron	56-2	90002	88116	88240	88786	1.19	cps
Iron	57-2	2328	2211	2245	2261	2.66	cps
Krypton	83-1	237	193	203	211	10.75	cps
Lead	206-1	25098	25643	26395	25712	2.53	cps
Lead	207-1	21480	21001	21546	21343	1.39	cps
Lead	208-1	99282	100203	102136	100540	1.45	cps
Lithium	6-1	1142075	1175213	1172938	1163408	1.59	cps
Magnesium	24-2	1383	1125	1292	1267	10.34	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-10	Instrumnet Name :	P8
Client Sample ID :	MDAN71	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 18:04:33	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	180	140	197	172	16.91	cps
Molybdenum	94-1	2342	2551	3793	2895	27.08	cps
Molybdenum	95-1	408	350	542	433	22.68	cps
Molybdenum	96-1	717	950	958	875	15.68	cps
Molybdenum	97-1	358	325	433	372	14.91	cps
Molybdenum	98-1	592	617	667	625	6.11	cps
Neodymium	150-1	2060	1940	2187	2062	5.98	cps
Neodymium	150-2	297	270	203	257	18.73	cps
Nickel	60-2	1217	1213	1340	1257	5.74	cps
Phosphorus	31-2	25	8	25	19	49.50	cps
Potassium	39-2	1558	1700	1342	1533	11.77	cps
Rhodium	103-1	6310984	6463580	6271444	6348669	1.60	cps
Rhodium	103-2	1546926	1487413	1519922	1518087	1.96	cps
Scandium	45-1	3659041	3744350	3713154	3705515	1.16	cps
Scandium	45-2	24839	23804	23947	24197	2.32	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	4	2	2	43.30	cps
Selenium	82-1	-3	42	57	32	98.29	cps
Silicon	28-1	1407174	1497320	1695269	1533254	9.61	cps
Silver	109-1	475	417	442	444	6.59	cps
Silver	107-1	467	442	600	503	16.93	cps
Sodium	23-2	5626	5518	5593	5579	0.99	cps
Strontium	86-1	11464	11397	11305	11389	0.70	cps
Strontium	88-1	95644	95609	98164	96472	1.52	cps
Sulfur	34-1	217328	216238	215070	216212	0.52	cps
Terbium	159-1	9242425	9527415	9343877	9371239	1.54	cps
Terbium	159-2	1642057	1586375	1637970	1622134	1.91	cps
Thallium	203-1	208	167	200	192	11.50	cps
Thallium	205-1	608	658	517	594	12.09	cps
Tin	118-1	1917	1859	1950	1909	2.43	cps
Titanium	47-1	14212	18359	12053	14875	21.55	cps
Uranium	238-1	3834	3542	3742	3706	4.02	cps
Vanadium	51-2	990	1067	1037	1031	3.75	cps
Yttrium	89-1	6904606	7163637	6919724	6995989	2.08	cps
Yttrium	89-2	169637	166015	169230	168294	1.18	cps
Zinc	66-2	360	390	393	381	4.82	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-10	Instrumnet Name :	P8
Client Sample ID :	MDAN71	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 18:04:33	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6228	5727	5360	5771	7.55	cps
Zirconium	91-1	1400	1954	1450	1601	19.12	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-11	Instrumnet Name :	P8
Client Sample ID :	MDAN72	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 18:07:55	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	26309	25941	25799	26016	1.01	cps
Antimony	121-1	1225	1250	1434	1303	8.73	cps
Arsenic	75-1	5033	5736	4715	5162	10.12	cps
Barium	135-1	7753	7811	8020	7861	1.78	cps
Barium	137-1	13641	13758	13983	13794	1.26	cps
Beryllium	9-1	161	172	144	159	8.78	cps
Bismuth	209-1	6097244	6202569	6040723	6113512	1.34	cps
Bismuth	209-2	1455810	1426169	1465155	1449044	1.40	cps
Boron	10-1	383	300	367	350	12.60	cps
Boron	11-1	1617	1742	1567	1642	5.49	cps
Cadmium	111-1	922	840	898	887	4.73	cps
Cadmium	106-1	1242	1075	1125	1147	7.46	cps
Cadmium	108-1	38	29	33	33	12.50	cps
Calcium	43-1	17712	17528	17637	17626	0.52	cps
Calcium	44-1	284514	281652	285014	283727	0.64	cps
Chromium	52-2	5491	5495	5404	5463	0.93	cps
Cobalt	59-2	187	157	150	164	11.88	cps
Copper	63-2	9990	9847	9757	9865	1.19	cps
Dysprosium	156-1	2517	2392	2359	2423	3.45	cps
Dysprosium	156-2	460	467	433	453	3.89	cps
Erbium	164-1	2050	2009	1967	2009	2.07	cps
Erbium	164-2	380	340	387	369	6.84	cps
Gadolinium	160-1	2125	2367	2434	2309	7.03	cps
Gadolinium	160-2	513	573	560	549	5.74	cps
Holmium	165-1	8998755	9144027	8962227	9035003	1.06	cps
Holmium	165-2	1718185	1678837	1738631	1711884	1.78	cps
Indium	115-1	6907470	7042454	6915718	6955214	1.09	cps
Indium	115-2	233053	230036	236544	233211	1.40	cps
Iron	56-2	152278	152861	152435	152525	0.20	cps
Iron	57-2	3917	3795	3840	3851	1.61	cps
Krypton	83-1	207	167	203	192	11.55	cps
Lead	206-1	45097	44367	44568	44677	0.84	cps
Lead	207-1	37289	36854	37890	37344	1.39	cps
Lead	208-1	174697	172318	174204	173740	0.72	cps
Lithium	6-1	1156904	1184033	1157384	1166107	1.33	cps
Magnesium	24-2	3259	3367	3017	3214	5.58	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-11	Instrumnet Name :	P8
Client Sample ID :	MDAN72	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 18:07:55	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3334	3294	3210	3279	1.92	cps
Molybdenum	94-1	7379	3559	3801	4913	43.54	cps
Molybdenum	95-1	633	592	683	636	7.22	cps
Molybdenum	96-1	1042	1467	1275	1261	16.88	cps
Molybdenum	97-1	400	667	492	519	26.09	cps
Molybdenum	98-1	1033	1033	983	1017	2.84	cps
Neodymium	150-1	3114	3634	3327	3358	7.79	cps
Neodymium	150-2	383	323	363	357	8.57	cps
Nickel	60-2	743	823	890	819	8.97	cps
Phosphorus	31-2	150	108	158	139	19.29	cps
Potassium	39-2	2017	1934	1817	1922	5.23	cps
Rhodium	103-1	6357800	6409129	6341257	6369395	0.56	cps
Rhodium	103-2	1549180	1509434	1548346	1535653	1.48	cps
Scandium	45-1	3649072	3687330	3697598	3678000	0.70	cps
Scandium	45-2	24785	24051	24385	24407	1.51	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	6	0	4	86.60	cps
Selenium	82-1	116	135	99	116	15.23	cps
Silicon	28-1	2333083	2431336	2233060	2332493	4.25	cps
Silver	109-1	533	600	558	564	5.97	cps
Silver	107-1	617	700	683	667	6.61	cps
Sodium	23-2	6593	7277	6602	6824	5.75	cps
Strontium	86-1	14283	14433	14400	14372	0.55	cps
Strontium	88-1	123101	122798	121377	122425	0.75	cps
Sulfur	34-1	224513	224827	222481	223940	0.57	cps
Terbium	159-1	9313811	9465497	9352717	9377342	0.84	cps
Terbium	159-2	1640182	1597935	1637193	1625103	1.45	cps
Thallium	203-1	267	258	333	286	14.37	cps
Thallium	205-1	675	800	683	719	9.72	cps
Tin	118-1	1850	2317	2034	2067	11.38	cps
Titanium	47-1	11881	12615	20527	15007	31.94	cps
Uranium	238-1	14709	15068	14492	14757	1.97	cps
Vanadium	51-2	1637	1540	1517	1565	4.07	cps
Yttrium	89-1	6950818	7036191	7065600	7017536	0.85	cps
Yttrium	89-2	170891	168279	173863	171011	1.63	cps
Zinc	66-2	1647	1693	1767	1702	3.55	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-11	Instrumnet Name :	P8
Client Sample ID :	MDAN72	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 18:07:55	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	9270	8737	8528	8845	4.33	cps
Zirconium	91-1	2494	2402	1792	2229	17.12	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-12	Instrumnet Name :	P8
Client Sample ID :	MDAN73	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 18:11:15	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	26860	25958	25448	26089	2.74	cps
Antimony	121-1	908	1100	1158	1056	12.39	cps
Arsenic	75-1	2538	3317	2622	2826	15.13	cps
Barium	135-1	6427	6452	6852	6577	3.63	cps
Barium	137-1	11672	11873	11597	11714	1.22	cps
Beryllium	9-1	178	194	172	181	6.37	cps
Bismuth	209-1	6323653	6325149	5891541	6180114	4.04	cps
Bismuth	209-2	1471621	1487966	1496088	1485225	0.84	cps
Boron	10-1	258	317	308	294	10.72	cps
Boron	11-1	1458	1267	1542	1422	9.92	cps
Cadmium	111-1	775	805	878	819	6.50	cps
Cadmium	106-1	1050	1067	1167	1095	5.76	cps
Cadmium	108-1	8	13	25	15	56.79	cps
Calcium	43-1	20599	21384	20775	20919	1.97	cps
Calcium	44-1	343709	346460	342364	344178	0.61	cps
Chromium	52-2	3644	3484	3474	3534	2.70	cps
Cobalt	59-2	157	180	150	162	9.71	cps
Copper	63-2	6622	6638	6568	6609	0.55	cps
Dysprosium	156-1	2784	2325	2342	2484	10.47	cps
Dysprosium	156-2	447	473	480	467	3.78	cps
Erbium	164-1	2259	2059	2159	2159	4.63	cps
Erbium	164-2	387	357	353	366	5.02	cps
Gadolinium	160-1	2200	2109	2300	2203	4.35	cps
Gadolinium	160-2	517	550	553	540	3.75	cps
Holmium	165-1	9466595	9216679	8741474	9141583	4.03	cps
Holmium	165-2	1759311	1746914	1773570	1759932	0.76	cps
Indium	115-1	7328098	7233400	6741237	7100912	4.44	cps
Indium	115-2	235298	238500	239741	237846	0.96	cps
Iron	56-2	127450	127690	128980	128040	0.64	cps
Iron	57-2	3351	3339	3050	3247	5.24	cps
Krypton	83-1	193	240	247	227	12.82	cps
Lead	206-1	25493	26255	26461	26070	1.96	cps
Lead	207-1	21474	21541	21652	21556	0.42	cps
Lead	208-1	99922	100980	101688	100864	0.88	cps
Lithium	6-1	1185594	1214020	1113320	1170978	4.43	cps
Magnesium	24-2	3342	3092	3134	3189	4.20	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-12	Instrumnet Name :	P8
Client Sample ID :	MDAN73	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 18:11:15	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	5088	4941	5038	5022	1.49	cps
Molybdenum	94-1	3326	3651	3509	3495	4.66	cps
Molybdenum	95-1	567	625	617	603	5.23	cps
Molybdenum	96-1	1258	1217	1417	1297	8.13	cps
Molybdenum	97-1	342	542	400	428	24.04	cps
Molybdenum	98-1	1025	833	1125	995	14.91	cps
Neodymium	150-1	3607	3407	3461	3492	2.97	cps
Neodymium	150-2	397	413	373	394	5.09	cps
Nickel	60-2	820	670	717	736	10.44	cps
Phosphorus	31-2	158	150	92	133	27.24	cps
Potassium	39-2	1759	1809	1875	1814	3.23	cps
Rhodium	103-1	6611043	6573935	6158718	6447898	3.89	cps
Rhodium	103-2	1579990	1582116	1578475	1580194	0.12	cps
Scandium	45-1	3882815	3787162	3510675	3726884	5.19	cps
Scandium	45-2	24969	24775	25630	25125	1.78	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	0	4	2	2	100.00	cps
Selenium	82-1	100	44	32	59	61.86	cps
Silicon	28-1	2507554	2385670	2480425	2457883	2.60	cps
Silver	109-1	517	425	575	506	14.96	cps
Silver	107-1	525	500	633	553	12.82	cps
Sodium	23-2	6110	5993	5968	6024	1.26	cps
Strontium	86-1	11939	12189	11956	12028	1.16	cps
Strontium	88-1	101728	103694	103818	103080	1.14	cps
Sulfur	34-1	224522	219596	220398	221505	1.19	cps
Terbium	159-1	9821131	9641229	9035384	9499248	4.33	cps
Terbium	159-2	1670911	1677613	1698587	1682370	0.86	cps
Thallium	203-1	283	183	225	231	21.79	cps
Thallium	205-1	642	600	592	611	4.38	cps
Tin	118-1	1884	1709	1759	1784	5.05	cps
Titanium	47-1	13134	13593	11956	12894	6.55	cps
Uranium	238-1	14626	15152	15302	15026	2.36	cps
Vanadium	51-2	1437	1290	1307	1345	5.97	cps
Yttrium	89-1	7316116	7231589	6802820	7116842	3.87	cps
Yttrium	89-2	173313	172925	175013	173750	0.64	cps
Zinc	66-2	1343	1207	1287	1279	5.37	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-12	Instrumnet Name :	P8
Client Sample ID :	MDAN73	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 18:11:15	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	8270	8803	8778	8617	3.50	cps
Zirconium	91-1	2059	1917	1875	1950	4.93	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-13	Instrumnet Name :	P8
Client Sample ID :	MDAN74	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 18:14:37	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	28212	28880	28471	28521	1.18	cps
Antimony	121-1	925	950	1042	972	6.32	cps
Arsenic	75-1	2218	1687	1539	1815	19.69	cps
Barium	135-1	5160	5601	5335	5365	4.15	cps
Barium	137-1	9095	9220	9370	9229	1.49	cps
Beryllium	9-1	156	111	178	148	22.91	cps
Bismuth	209-1	6333956	6377958	6267065	6326326	0.88	cps
Bismuth	209-2	1459686	1474248	1484760	1472898	0.85	cps
Boron	10-1	358	325	275	319	13.13	cps
Boron	11-1	1233	1258	1358	1283	5.15	cps
Cadmium	111-1	923	1025	887	945	7.57	cps
Cadmium	106-1	1267	1333	1167	1256	6.68	cps
Cadmium	108-1	38	0	13	17	114.56	cps
Calcium	43-1	13307	13682	13649	13546	1.53	cps
Calcium	44-1	233182	223789	221294	226088	2.77	cps
Chromium	52-2	2950	2674	2847	2824	4.95	cps
Cobalt	59-2	110	137	93	113	19.28	cps
Copper	63-2	4287	4541	4344	4391	3.03	cps
Dysprosium	156-1	2300	2442	2450	2398	3.52	cps
Dysprosium	156-2	403	430	540	458	15.82	cps
Erbium	164-1	2175	2225	2100	2167	2.90	cps
Erbium	164-2	373	263	333	323	17.22	cps
Gadolinium	160-1	2234	2442	2217	2298	5.46	cps
Gadolinium	160-2	483	557	473	504	9.02	cps
Holmium	165-1	9500442	9515489	9249371	9421767	1.59	cps
Holmium	165-2	1715462	1771454	1748512	1745143	1.61	cps
Indium	115-1	7312233	7201051	7205864	7239716	0.87	cps
Indium	115-2	235182	238226	237675	237028	0.68	cps
Iron	56-2	97818	97371	95744	96978	1.13	cps
Iron	57-2	2506	2717	2306	2510	8.19	cps
Krypton	83-1	183	257	223	221	16.60	cps
Lead	206-1	25320	25315	25565	25400	0.56	cps
Lead	207-1	21530	21012	21413	21318	1.27	cps
Lead	208-1	97870	98445	98221	98179	0.30	cps
Lithium	6-1	1186419	1219130	1197238	1200929	1.39	cps
Magnesium	24-2	1967	1934	1942	1947	0.89	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-13	Instrumnet Name :	P8
Client Sample ID :	MDAN74	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 18:14:37	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2704	2964	2827	2831	4.59	cps
Molybdenum	94-1	3951	3609	3876	3812	4.71	cps
Molybdenum	95-1	500	558	533	531	5.52	cps
Molybdenum	96-1	1100	1067	1283	1150	10.15	cps
Molybdenum	97-1	358	283	450	364	22.94	cps
Molybdenum	98-1	700	717	925	781	16.06	cps
Neodymium	150-1	3000	2987	3087	3025	1.80	cps
Neodymium	150-2	343	307	330	327	5.68	cps
Nickel	60-2	720	803	753	759	5.53	cps
Phosphorus	31-2	75	125	67	89	35.50	cps
Potassium	39-2	2059	1775	1642	1825	11.66	cps
Rhodium	103-1	6612024	6568991	6456015	6545676	1.23	cps
Rhodium	103-2	1551453	1599246	1566216	1572305	1.56	cps
Scandium	45-1	3854975	3777686	3831308	3821323	1.04	cps
Scandium	45-2	24809	24569	24782	24720	0.53	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	4	0	1	173.21	cps
Selenium	82-1	109	32	43	62	67.60	cps
Silicon	28-1	2711741	2615292	2690402	2672478	1.90	cps
Silver	109-1	367	450	583	467	23.42	cps
Silver	107-1	442	575	467	494	14.33	cps
Sodium	23-2	6543	6702	6744	6663	1.58	cps
Strontium	86-1	10246	9796	10021	10021	2.25	cps
Strontium	88-1	84362	82784	84135	83760	1.02	cps
Sulfur	34-1	221805	222787	219191	221261	0.84	cps
Terbium	159-1	9794096	9673269	9564722	9677362	1.19	cps
Terbium	159-2	1640191	1675656	1657877	1657908	1.07	cps
Thallium	203-1	258	225	275	253	10.07	cps
Thallium	205-1	575	517	533	542	5.55	cps
Tin	118-1	2342	2700	2567	2536	7.14	cps
Titanium	47-1	13042	14021	13450	13504	3.64	cps
Uranium	238-1	14325	14117	14392	14278	1.01	cps
Vanadium	51-2	1053	1050	1127	1077	4.02	cps
Yttrium	89-1	7343061	7294775	7145465	7261100	1.42	cps
Yttrium	89-2	170087	173953	174892	172978	1.47	cps
Zinc	66-2	873	920	950	914	4.22	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-13	Instrumnet Name :	P8
Client Sample ID :	MDAN74	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 18:14:37	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	9896	10222	10038	10052	1.63	cps
Zirconium	91-1	2425	2259	2275	2320	3.96	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-14	Instrumnet Name :	P8
Client Sample ID :	MDAN75	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 18:17:58	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7911	8261	8219	8130	2.35	cps
Antimony	121-1	3109	2884	3359	3117	7.63	cps
Arsenic	75-1	43261	43619	43357	43412	0.43	cps
Barium	135-1	21610	20583	20759	20984	2.62	cps
Barium	137-1	36819	35373	35022	35738	2.66	cps
Beryllium	9-1	172	156	139	156	10.72	cps
Bismuth	209-1	6405313	6246065	6406528	6352635	1.45	cps
Bismuth	209-2	1475697	1486105	1457946	1473249	0.97	cps
Boron	10-1	292	258	383	311	20.80	cps
Boron	11-1	1433	1533	1750	1572	10.30	cps
Cadmium	111-1	924	901	1112	979	11.81	cps
Cadmium	106-1	1025	975	1325	1108	17.08	cps
Cadmium	108-1	50	21	46	39	40.57	cps
Calcium	43-1	41847	40025	40268	40713	2.43	cps
Calcium	44-1	662426	653893	655499	657272	0.69	cps
Chromium	52-2	45537	45601	45467	45535	0.15	cps
Cobalt	59-2	360	383	353	366	4.31	cps
Copper	63-2	50903	49705	50334	50314	1.19	cps
Dysprosium	156-1	1367	1484	1375	1408	4.62	cps
Dysprosium	156-2	287	273	307	289	5.81	cps
Erbium	164-1	1383	1659	1267	1436	14.00	cps
Erbium	164-2	310	233	217	253	19.65	cps
Gadolinium	160-1	1433	1600	1550	1528	5.60	cps
Gadolinium	160-2	380	420	293	364	17.77	cps
Holmium	165-1	9476397	9349829	9394155	9406794	0.68	cps
Holmium	165-2	1734902	1740511	1701063	1725492	1.24	cps
Indium	115-1	7224498	7017464	7294313	7178758	2.01	cps
Indium	115-2	235720	234774	230756	233750	1.13	cps
Iron	56-2	298555	299328	299335	299073	0.15	cps
Iron	57-2	7402	7630	7302	7445	2.26	cps
Krypton	83-1	220	190	197	202	7.79	cps
Lead	206-1	201838	204030	200045	201971	0.99	cps
Lead	207-1	171105	168491	168426	169341	0.90	cps
Lead	208-1	789663	794438	787597	790566	0.44	cps
Lithium	6-1	1225056	1172107	1214491	1203885	2.33	cps
Magnesium	24-2	5026	4426	4901	4784	6.62	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-14	Instrumnet Name :	P8
Client Sample ID :	MDAN75	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 18:17:58	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	7292	7462	7285	7346	1.36	cps
Molybdenum	94-1	3159	3209	3167	3178	0.84	cps
Molybdenum	95-1	642	825	750	739	12.47	cps
Molybdenum	96-1	1167	1192	1192	1183	1.22	cps
Molybdenum	97-1	550	500	433	494	11.84	cps
Molybdenum	98-1	1092	1000	1067	1053	4.50	cps
Neodymium	150-1	2640	2487	2447	2525	4.04	cps
Neodymium	150-2	227	310	280	272	15.51	cps
Nickel	60-2	980	1043	1200	1075	10.54	cps
Phosphorus	31-2	100	50	58	69	38.58	cps
Potassium	39-2	2125	2084	2209	2139	2.97	cps
Rhodium	103-1	6563537	6378926	6615336	6519266	1.91	cps
Rhodium	103-2	1558856	1537775	1518800	1538477	1.30	cps
Scandium	45-1	3780392	3708932	3835288	3774871	1.68	cps
Scandium	45-2	24318	24401	24078	24266	0.69	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	2	6	4	4	50.09	cps
Selenium	82-1	18	53	26	32	56.97	cps
Silicon	28-1	1724162	1480124	2386673	1863653	25.17	cps
Silver	109-1	458	600	675	578	19.04	cps
Silver	107-1	625	633	675	644	4.16	cps
Sodium	23-2	6760	6477	6635	6624	2.14	cps
Strontium	86-1	39366	39751	39007	39374	0.94	cps
Strontium	88-1	339025	345461	341876	342121	0.94	cps
Sulfur	34-1	218614	216810	217991	217805	0.42	cps
Terbium	159-1	9725573	9491132	9742137	9652947	1.45	cps
Terbium	159-2	1671060	1660131	1607359	1646183	2.07	cps
Thallium	203-1	225	275	333	278	19.52	cps
Thallium	205-1	675	650	667	664	1.92	cps
Tin	118-1	6585	6869	6268	6574	4.57	cps
Titanium	47-1	76676	17773	16494	36981	92.97	cps
Uranium	238-1	9095	8879	9271	9082	2.16	cps
Vanadium	51-2	1567	1490	1583	1547	3.22	cps
Yttrium	89-1	7229344	7092793	7340825	7220987	1.72	cps
Yttrium	89-2	172315	172011	168735	171020	1.16	cps
Zinc	66-2	3934	3697	3781	3804	3.16	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-14	Instrumnet Name :	P8
Client Sample ID :	MDAN75	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 18:17:58	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	7853	8462	7561	7959	5.78	cps
Zirconium	91-1	2009	1375	1700	1695	18.69	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-15	Instrumnet Name :	P8
Client Sample ID :	MDAN76	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 18:21:21	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18012	18171	17703	17962	1.32	cps
Antimony	121-1	1083	1150	1083	1106	3.48	cps
Arsenic	75-1	4427	4047	4513	4329	5.73	cps
Barium	135-1	13533	12823	13074	13143	2.74	cps
Barium	137-1	22570	23672	22770	23004	2.55	cps
Beryllium	9-1	100	94	133	109	19.25	cps
Bismuth	209-1	6258764	6273678	6360614	6297685	0.87	cps
Bismuth	209-2	1478548	1477434	1459651	1471878	0.72	cps
Boron	10-1	217	250	217	228	8.45	cps
Boron	11-1	1158	1083	1100	1114	3.54	cps
Cadmium	111-1	762	769	797	776	2.40	cps
Cadmium	106-1	1033	1033	1058	1042	1.39	cps
Cadmium	108-1	4	13	21	13	66.64	cps
Calcium	43-1	19497	18162	18847	18836	3.54	cps
Calcium	44-1	312832	311530	312445	312269	0.21	cps
Chromium	52-2	9156	8523	8860	8846	3.58	cps
Cobalt	59-2	187	177	243	202	17.78	cps
Copper	63-2	4197	4454	4497	4383	3.70	cps
Dysprosium	156-1	1659	1483	1550	1564	5.65	cps
Dysprosium	156-2	310	307	263	293	8.88	cps
Erbium	164-1	1200	1108	1000	1103	9.08	cps
Erbium	164-2	193	167	173	178	7.81	cps
Gadolinium	160-1	1459	1417	1342	1406	4.21	cps
Gadolinium	160-2	277	393	327	332	17.62	cps
Holmium	165-1	9251299	9406087	9350592	9335993	0.84	cps
Holmium	165-2	1734173	1759656	1713465	1735765	1.33	cps
Indium	115-1	7070707	7245503	7132343	7149518	1.24	cps
Indium	115-2	237766	238548	234012	236775	1.02	cps
Iron	56-2	104600	100476	101489	102189	2.10	cps
Iron	57-2	2384	2656	2689	2576	6.51	cps
Krypton	83-1	203	223	217	214	4.75	cps
Lead	206-1	36068	35773	35511	35784	0.78	cps
Lead	207-1	29579	29964	29719	29754	0.65	cps
Lead	208-1	140451	139663	138407	139507	0.74	cps
Lithium	6-1	1199679	1174954	1211386	1195340	1.56	cps
Magnesium	24-2	2517	2367	2384	2423	3.39	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-15	Instrumnet Name :	P8
Client Sample ID :	MDAN76	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 18:21:21	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	247	290	320	286	12.91	cps
Molybdenum	94-1	2442	2884	2800	2709	8.67	cps
Molybdenum	95-1	425	475	417	439	7.19	cps
Molybdenum	96-1	842	1092	900	945	13.85	cps
Molybdenum	97-1	383	300	325	336	12.72	cps
Molybdenum	98-1	767	908	867	847	8.59	cps
Neodymium	150-1	2514	2554	2640	2569	2.52	cps
Neodymium	150-2	267	303	230	267	13.75	cps
Nickel	60-2	2000	2110	2054	2055	2.68	cps
Phosphorus	31-2	50	8	17	25	88.19	cps
Potassium	39-2	1417	1325	1342	1361	3.59	cps
Rhodium	103-1	6428924	6466363	6566639	6487309	1.10	cps
Rhodium	103-2	1584635	1579956	1518814	1561135	2.35	cps
Scandium	45-1	3689171	3719084	3797256	3735170	1.49	cps
Scandium	45-2	24562	24311	23871	24248	1.44	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	0	1	173.21	cps
Selenium	82-1	62	79	86	76	16.15	cps
Silicon	28-1	1331011	1135486	1200052	1222183	8.15	cps
Silver	109-1	467	475	392	444	10.33	cps
Silver	107-1	400	417	508	442	13.21	cps
Sodium	23-2	5618	5601	5301	5507	3.24	cps
Strontium	86-1	44105	44231	44398	44245	0.33	cps
Strontium	88-1	381399	381667	380827	381297	0.11	cps
Sulfur	34-1	211026	209656	207748	209477	0.79	cps
Terbium	159-1	9569707	9686406	9664251	9640121	0.64	cps
Terbium	159-2	1683638	1661698	1624869	1656735	1.79	cps
Thallium	203-1	208	217	233	219	5.80	cps
Thallium	205-1	467	458	508	478	5.61	cps
Tin	118-1	1959	1884	1884	1909	2.27	cps
Titanium	47-1	14508	15101	19145	16251	15.53	cps
Uranium	238-1	5777	5568	5485	5610	2.68	cps
Vanadium	51-2	830	890	907	876	4.61	cps
Yttrium	89-1	7104134	7128557	7196120	7142937	0.67	cps
Yttrium	89-2	172307	172816	168811	171311	1.27	cps
Zinc	66-2	220	317	393	310	28.02	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-15	Instrumnet Name :	P8
Client Sample ID :	MDAN76	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 18:21:21	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6535	6027	6835	6466	6.32	cps
Zirconium	91-1	1492	1575	1509	1525	2.89	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-16	Instrumnet Name :	P8
Client Sample ID :	MDAN77	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 18:24:42	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	29799	29356	31227	30127	3.25	cps
Antimony	121-1	675	708	900	761	15.95	cps
Arsenic	75-1	1914	1875	1633	1807	8.44	cps
Barium	135-1	9554	9946	9596	9698	2.22	cps
Barium	137-1	16494	16177	15468	16047	3.27	cps
Beryllium	9-1	111	89	122	107	15.80	cps
Bismuth	209-1	6215695	6329524	6247133	6264118	0.94	cps
Bismuth	209-2	1466425	1437546	1468541	1457504	1.19	cps
Boron	10-1	150	158	192	167	13.23	cps
Boron	11-1	1042	892	933	956	8.10	cps
Cadmium	111-1	634	922	863	806	18.87	cps
Cadmium	106-1	917	1292	1192	1133	17.13	cps
Cadmium	108-1	29	17	13	19	44.61	cps
Calcium	43-1	5710	5701	5443	5618	2.70	cps
Calcium	44-1	94367	93544	93401	93771	0.56	cps
Chromium	52-2	6605	6928	6672	6735	2.54	cps
Cobalt	59-2	260	250	360	290	20.97	cps
Copper	63-2	1140	1193	1130	1155	2.95	cps
Dysprosium	156-1	2317	2500	2742	2520	8.46	cps
Dysprosium	156-2	350	433	463	416	14.13	cps
Erbium	164-1	1542	1350	1600	1497	8.74	cps
Erbium	164-2	237	230	240	236	2.16	cps
Gadolinium	160-1	2175	2309	2009	2164	6.95	cps
Gadolinium	160-2	517	550	497	521	5.17	cps
Holmium	165-1	9187655	9311277	9232797	9243910	0.68	cps
Holmium	165-2	1726861	1694835	1721514	1714403	1.00	cps
Indium	115-1	7070536	7147753	7066708	7094999	0.64	cps
Indium	115-2	235269	231224	236158	234217	1.12	cps
Iron	56-2	232581	233016	232876	232824	0.10	cps
Iron	57-2	5801	5896	5368	5688	4.95	cps
Krypton	83-1	263	223	213	233	11.34	cps
Lead	206-1	24652	24847	25404	24968	1.56	cps
Lead	207-1	20912	20823	20857	20864	0.22	cps
Lead	208-1	98186	97359	97715	97753	0.42	cps
Lithium	6-1	1166029	1211736	1193143	1190303	1.93	cps
Magnesium	24-2	1200	1317	1542	1353	12.84	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-16	Instrumnet Name :	P8
Client Sample ID :	MDAN77	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 18:24:42	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	247	197	233	226	11.48	cps
Molybdenum	94-1	3017	3217	3593	3276	8.92	cps
Molybdenum	95-1	542	833	650	675	21.84	cps
Molybdenum	96-1	1408	1375	1033	1272	16.31	cps
Molybdenum	97-1	533	542	492	522	5.13	cps
Molybdenum	98-1	1167	1058	1108	1111	4.88	cps
Neodymium	150-1	4234	3807	3921	3987	5.54	cps
Neodymium	150-2	430	387	493	437	12.29	cps
Nickel	60-2	2177	2304	2170	2217	3.39	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	1325	1433	1075	1278	14.38	cps
Rhodium	103-1	6411120	6546814	6438021	6465318	1.11	cps
Rhodium	103-2	1577543	1491646	1533105	1534098	2.80	cps
Scandium	45-1	3686780	3760780	3696774	3714778	1.08	cps
Scandium	45-2	24468	23700	24328	24165	1.69	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	15	2	6	7	90.11	cps
Selenium	82-1	50	111	100	87	37.26	cps
Silicon	28-1	2353237	2521318	2367802	2414119	3.86	cps
Silver	109-1	392	333	417	381	11.24	cps
Silver	107-1	408	525	400	444	15.73	cps
Sodium	23-2	4834	4809	5093	4912	3.19	cps
Strontium	86-1	10246	10613	10746	10535	2.46	cps
Strontium	88-1	89971	90174	92421	90855	1.50	cps
Sulfur	34-1	206353	204938	204710	205334	0.43	cps
Terbium	159-1	9384319	9594422	9511614	9496785	1.11	cps
Terbium	159-2	1664565	1646332	1659502	1656800	0.57	cps
Thallium	203-1	242	225	192	219	11.60	cps
Thallium	205-1	483	550	392	475	16.74	cps
Tin	118-1	1425	1534	1550	1503	4.52	cps
Titanium	47-1	17797	10746	11105	13216	30.05	cps
Uranium	238-1	5443	5076	5168	5229	3.65	cps
Vanadium	51-2	1843	1627	1773	1748	6.33	cps
Yttrium	89-1	6967668	7180526	7136493	7094895	1.58	cps
Yttrium	89-2	172033	170648	171058	171246	0.42	cps
Zinc	66-2	143	157	120	140	13.26	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-16	Instrumnet Name :	P8
Client Sample ID :	MDAN77	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 18:24:42	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	7711	7844	8211	7922	3.27	cps
Zirconium	91-1	1784	1809	1717	1770	2.68	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-17	Instrumnet Name :	P8
Client Sample ID :	MDAN78	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 18:28:04	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1892	1884	1692	1822	6.21	cps
Antimony	121-1	1767	1975	1775	1839	6.42	cps
Arsenic	75-1	22921	22884	21763	22523	2.92	cps
Barium	135-1	11781	11188	12031	11667	3.71	cps
Barium	137-1	19448	19415	20476	19780	3.05	cps
Beryllium	9-1	106	100	89	98	8.65	cps
Bismuth	209-1	6095365	6242409	6185900	6174558	1.20	cps
Bismuth	209-2	1448039	1305219	1458574	1403944	6.10	cps
Boron	10-1	125	175	292	197	43.36	cps
Boron	11-1	1083	975	933	997	7.77	cps
Cadmium	111-1	997	891	793	894	11.41	cps
Cadmium	106-1	1125	1025	925	1025	9.76	cps
Cadmium	108-1	17	8	13	13	33.36	cps
Calcium	43-1	12456	12473	12564	12498	0.47	cps
Calcium	44-1	204783	202346	204021	203716	0.61	cps
Chromium	52-2	16009	16059	15853	15974	0.68	cps
Cobalt	59-2	117	157	137	137	14.63	cps
Copper	63-2	22599	23196	22191	22662	2.23	cps
Dysprosium	156-1	733	767	650	717	8.38	cps
Dysprosium	156-2	123	100	113	112	10.43	cps
Erbium	164-1	475	575	600	550	12.03	cps
Erbium	164-2	103	117	133	118	12.76	cps
Gadolinium	160-1	692	633	617	647	6.09	cps
Gadolinium	160-2	123	123	180	142	23.00	cps
Holmium	165-1	9139047	9224489	9011302	9124946	1.18	cps
Holmium	165-2	1716245	1501618	1715424	1644429	7.52	cps
Indium	115-1	6968884	7089156	6911291	6989777	1.30	cps
Indium	115-2	233126	208916	233118	225053	6.21	cps
Iron	56-2	176650	177678	172289	175539	1.63	cps
Iron	57-2	4662	4412	4790	4621	4.16	cps
Krypton	83-1	230	200	207	212	7.42	cps
Lead	206-1	169615	170686	172478	170926	0.85	cps
Lead	207-1	145086	144378	143183	144216	0.67	cps
Lead	208-1	668398	668966	668703	668689	0.04	cps
Lithium	6-1	1152348	1183121	1167609	1167693	1.32	cps
Magnesium	24-2	1759	1659	1809	1742	4.39	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-17	Instrumnet Name :	P8
Client Sample ID :	MDAN78	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 18:28:04	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	520	510	520	517	1.12	cps
Molybdenum	94-1	1501	1183	1017	1234	19.95	cps
Molybdenum	95-1	333	525	392	417	23.58	cps
Molybdenum	96-1	600	667	658	642	5.66	cps
Molybdenum	97-1	258	317	308	294	10.72	cps
Molybdenum	98-1	567	825	842	745	20.71	cps
Neodymium	150-1	1073	980	1113	1056	6.48	cps
Neodymium	150-2	117	153	140	137	13.58	cps
Nickel	60-2	733	773	763	757	2.75	cps
Phosphorus	31-2	0	17	8	8	100.02	cps
Potassium	39-2	1542	1292	1525	1453	9.62	cps
Rhodium	103-1	6324124	6378075	6355308	6352502	0.43	cps
Rhodium	103-2	1546387	1347185	1556600	1483391	7.96	cps
Scandium	45-1	3665112	3750904	3632817	3682944	1.66	cps
Scandium	45-2	23997	21090	24158	23082	7.48	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	0	2	2	1	86.60	cps
Selenium	82-1	19	21	0	13	90.00	cps
Silicon	28-1	855722	1099837	678157	877905	24.12	cps
Silver	109-1	617	492	550	553	11.32	cps
Silver	107-1	625	583	692	633	8.63	cps
Sodium	23-2	4976	4884	5126	4996	2.44	cps
Strontium	86-1	35998	35497	35890	35795	0.74	cps
Strontium	88-1	312489	311111	312869	312156	0.30	cps
Sulfur	34-1	207119	206333	206681	206711	0.19	cps
Terbium	159-1	9395574	9592750	9308920	9432415	1.54	cps
Terbium	159-2	1644186	1451786	1635585	1577185	6.89	cps
Thallium	203-1	192	142	225	186	22.54	cps
Thallium	205-1	358	342	475	392	18.55	cps
Tin	118-1	6177	5868	5918	5988	2.76	cps
Titanium	47-1	9465	8887	8978	9110	3.41	cps
Uranium	238-1	1942	2042	1934	1972	3.06	cps
Vanadium	51-2	2077	1877	1987	1980	5.06	cps
Yttrium	89-1	6933026	7087978	6947402	6989469	1.22	cps
Yttrium	89-2	168628	151895	172925	164483	6.76	cps
Zinc	66-2	1410	1413	1530	1451	4.71	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-17	Instrumnet Name :	P8
Client Sample ID :	MDAN78	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 18:28:04	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2375	2317	2300	2331	1.69	cps
Zirconium	91-1	492	542	583	539	8.52	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-18	Instrumnet Name :	P8
Client Sample ID :	MDAN79	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 18:31:26	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1867	2150	2000	2006	7.07	cps
Antimony	121-1	3017	2817	3092	2975	4.78	cps
Arsenic	75-1	35181	34231	34508	34640	1.41	cps
Barium	135-1	12882	13649	13791	13441	3.64	cps
Barium	137-1	23972	23914	22787	23558	2.84	cps
Beryllium	9-1	167	139	122	143	15.74	cps
Bismuth	209-1	6307647	6359230	6315521	6327466	0.44	cps
Bismuth	209-2	1443016	1480644	1397519	1440393	2.89	cps
Boron	10-1	375	325	308	336	10.32	cps
Boron	11-1	1583	1333	1642	1520	10.78	cps
Cadmium	111-1	1114	1133	1153	1134	1.71	cps
Cadmium	106-1	1200	1158	1233	1197	3.14	cps
Cadmium	108-1	25	33	21	26	24.12	cps
Calcium	43-1	23788	22778	23988	23518	2.76	cps
Calcium	44-1	382115	389306	385246	385556	0.94	cps
Chromium	52-2	29191	29374	30283	29616	1.97	cps
Cobalt	59-2	223	160	197	193	16.45	cps
Copper	63-2	40319	39958	40670	40315	0.88	cps
Dysprosium	156-1	742	775	733	750	2.94	cps
Dysprosium	156-2	107	147	137	130	16.01	cps
Erbium	164-1	550	650	508	569	12.79	cps
Erbium	164-2	103	97	107	102	4.98	cps
Gadolinium	160-1	692	683	608	661	6.94	cps
Gadolinium	160-2	123	147	150	140	10.38	cps
Holmium	165-1	9305894	9294259	9048920	9216358	1.57	cps
Holmium	165-2	1697092	1740728	1632272	1690031	3.23	cps
Indium	115-1	7179804	7080153	6947652	7069203	1.65	cps
Indium	115-2	229631	236283	220785	228900	3.40	cps
Iron	56-2	199939	202166	207313	203139	1.86	cps
Iron	57-2	5246	5151	5118	5172	1.28	cps
Krypton	83-1	203	243	223	223	8.95	cps
Lead	206-1	228878	226666	230291	228612	0.80	cps
Lead	207-1	190035	191562	190914	190837	0.40	cps
Lead	208-1	884090	885953	892993	887679	0.53	cps
Lithium	6-1	1189682	1222290	1168627	1193533	2.27	cps
Magnesium	24-2	4726	4568	4643	4645	1.71	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-18	Instrumnet Name :	P8
Client Sample ID :	MDAN79	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 18:31:26	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	917	1090	1057	1021	9.01	cps
Molybdenum	94-1	1342	1275	1475	1364	7.47	cps
Molybdenum	95-1	775	750	767	764	1.67	cps
Molybdenum	96-1	917	933	967	939	2.71	cps
Molybdenum	97-1	475	525	658	553	17.15	cps
Molybdenum	98-1	1275	1183	1183	1214	4.36	cps
Neodymium	150-1	973	1220	1007	1067	12.55	cps
Neodymium	150-2	123	117	123	121	3.18	cps
Nickel	60-2	1040	1130	1047	1072	4.68	cps
Phosphorus	31-2	42	58	25	42	40.00	cps
Potassium	39-2	2525	2534	2617	2559	1.98	cps
Rhodium	103-1	6510226	6468364	6336453	6438348	1.41	cps
Rhodium	103-2	1523914	1555918	1453226	1511019	3.48	cps
Scandium	45-1	3727261	3712230	3647232	3695574	1.15	cps
Scandium	45-2	23590	24037	22819	23482	2.62	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	4	0	0	1	173.21	cps
Selenium	82-1	20	-8	16	10	155.99	cps
Silicon	28-1	605827	635075	1115562	785488	36.44	cps
Silver	109-1	717	625	650	664	7.14	cps
Silver	107-1	575	567	692	611	11.44	cps
Sodium	23-2	7019	7160	6777	6985	2.78	cps
Strontium	86-1	34219	34428	34461	34369	0.38	cps
Strontium	88-1	295481	298098	296899	296826	0.44	cps
Sulfur	34-1	216017	217879	214054	215983	0.89	cps
Terbium	159-1	9575695	9443478	9366261	9461811	1.12	cps
Terbium	159-2	1608619	1661778	1573531	1614643	2.75	cps
Thallium	203-1	225	275	233	244	10.96	cps
Thallium	205-1	408	492	433	444	9.62	cps
Tin	118-1	8053	7853	7994	7967	1.29	cps
Titanium	47-1	9062	8862	9556	9160	3.90	cps
Uranium	238-1	2167	2075	2275	2173	4.61	cps
Vanadium	51-2	1767	1717	1680	1721	2.53	cps
Yttrium	89-1	7092241	7076104	6991701	7053349	0.77	cps
Yttrium	89-2	167367	172928	160895	167064	3.60	cps
Zinc	66-2	2977	3137	3104	3073	2.75	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-18	Instrumnet Name :	P8
Client Sample ID :	MDAN79	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 18:31:26	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2450	2367	2209	2342	5.24	cps
Zirconium	91-1	525	458	492	492	6.78	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-19	Instrumnet Name :	P8
Client Sample ID :	MDAN80	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 18:34:47	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2625	2542	2650	2606	2.18	cps
Antimony	121-1	3576	3517	3426	3506	2.16	cps
Arsenic	75-1	42764	42092	42004	42287	0.98	cps
Barium	135-1	27313	27480	27579	27457	0.49	cps
Barium	137-1	46992	47562	47846	47467	0.92	cps
Beryllium	9-1	100	133	156	130	21.57	cps
Bismuth	209-1	6455783	6349017	6397001	6400600	0.84	cps
Bismuth	209-2	1473186	1497398	1501379	1490654	1.02	cps
Boron	10-1	300	325	342	322	6.51	cps
Boron	11-1	1575	1517	1442	1511	4.42	cps
Cadmium	111-1	1002	1208	947	1052	13.10	cps
Cadmium	106-1	1125	1467	1067	1220	17.72	cps
Cadmium	108-1	33	50	29	38	29.40	cps
Calcium	43-1	54766	56289	55821	55625	1.40	cps
Calcium	44-1	892906	907963	899158	900009	0.84	cps
Chromium	52-2	33083	33009	32505	32865	0.96	cps
Cobalt	59-2	267	323	267	286	11.46	cps
Copper	63-2	73851	73650	73406	73636	0.30	cps
Dysprosium	156-1	917	1142	975	1011	11.55	cps
Dysprosium	156-2	220	183	157	187	17.04	cps
Erbium	164-1	925	800	750	825	10.93	cps
Erbium	164-2	157	153	127	146	11.30	cps
Gadolinium	160-1	1100	1050	975	1042	6.04	cps
Gadolinium	160-2	230	230	227	229	0.84	cps
Holmium	165-1	9518562	9396985	9337229	9417592	0.98	cps
Holmium	165-2	1717086	1748653	1760004	1741914	1.28	cps
Indium	115-1	7223689	7201432	7225382	7216834	0.19	cps
Indium	115-2	231101	233014	238953	234356	1.75	cps
Iron	56-2	314401	311645	308312	311453	0.98	cps
Iron	57-2	7630	7736	8397	7921	5.25	cps
Krypton	83-1	240	237	210	229	7.18	cps
Lead	206-1	247424	245279	249802	247502	0.91	cps
Lead	207-1	208360	208906	205698	207655	0.83	cps
Lead	208-1	961565	961773	962993	962110	0.08	cps
Lithium	6-1	1215164	1196273	1197567	1203001	0.88	cps
Magnesium	24-2	7752	7119	7169	7347	4.80	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-19	Instrumnet Name :	P8
Client Sample ID :	MDAN80	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 18:34:47	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3937	4031	3894	3954	1.77	cps
Molybdenum	94-1	1575	1600	1559	1578	1.33	cps
Molybdenum	95-1	525	808	592	642	23.09	cps
Molybdenum	96-1	992	983	1225	1067	12.86	cps
Molybdenum	97-1	567	642	467	558	15.73	cps
Molybdenum	98-1	1050	1042	1067	1053	1.21	cps
Neodymium	150-1	1627	1560	1553	1580	2.57	cps
Neodymium	150-2	147	143	160	150	5.88	cps
Nickel	60-2	1603	1587	1353	1515	9.23	cps
Phosphorus	31-2	33	42	17	31	41.66	cps
Potassium	39-2	2092	1917	1717	1909	9.83	cps
Rhodium	103-1	6613725	6477751	6458396	6516624	1.30	cps
Rhodium	103-2	1517202	1576234	1574756	1556064	2.16	cps
Scandium	45-1	3693934	3683258	3676146	3684446	0.24	cps
Scandium	45-2	23380	23523	24011	23638	1.40	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	0	0	1	173.21	cps
Selenium	82-1	9	-8	9	3	310.25	cps
Silicon	28-1	1053652	1053239	908057	1004983	8.35	cps
Silver	109-1	483	467	567	506	10.60	cps
Silver	107-1	633	625	600	619	2.80	cps
Sodium	23-2	6268	5660	5768	5899	5.50	cps
Strontium	86-1	128828	129703	128482	129004	0.49	cps
Strontium	88-1	1124043	1122632	1125772	1124149	0.14	cps
Sulfur	34-1	224777	224385	226199	225120	0.42	cps
Terbium	159-1	9769893	9731195	9819082	9773390	0.45	cps
Terbium	159-2	1627125	1666999	1674330	1656151	1.53	cps
Thallium	203-1	217	167	200	194	13.09	cps
Thallium	205-1	425	492	500	472	8.71	cps
Tin	118-1	7286	7219	7077	7194	1.48	cps
Titanium	47-1	11314	12037	11330	11560	3.57	cps
Uranium	238-1	4326	4901	4885	4704	6.96	cps
Vanadium	51-2	2040	2210	1984	2078	5.68	cps
Yttrium	89-1	7225091	7141821	7186196	7184369	0.58	cps
Yttrium	89-2	170062	172544	170972	171192	0.73	cps
Zinc	66-2	16040	15836	15793	15889	0.83	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-19	Instrumnet Name :	P8
Client Sample ID :	MDAN80	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 18:34:47	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3676	3909	3526	3704	5.22	cps
Zirconium	91-1	758	925	742	808	12.54	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-20	Instrumnet Name :	P8
Client Sample ID :	MDAN81	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 18:38:07	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2817	2734	2784	2778	1.51	cps
Antimony	121-1	3242	3234	3042	3173	3.57	cps
Arsenic	75-1	43150	43275	41649	42691	2.12	cps
Barium	135-1	21568	23338	21936	22281	4.19	cps
Barium	137-1	38591	39769	39502	39287	1.57	cps
Beryllium	9-1	128	144	106	126	15.49	cps
Bismuth	209-1	6512753	6368431	6496118	6459101	1.22	cps
Bismuth	209-2	1469736	1504608	1479413	1484586	1.21	cps
Boron	10-1	300	283	358	314	12.55	cps
Boron	11-1	1375	1125	1300	1267	10.13	cps
Cadmium	111-1	1056	874	920	950	9.96	cps
Cadmium	106-1	1250	1025	1000	1092	12.61	cps
Cadmium	108-1	33	21	13	22	47.18	cps
Calcium	43-1	49890	50835	51637	50787	1.72	cps
Calcium	44-1	839447	840655	835446	838516	0.33	cps
Chromium	52-2	35622	34980	35602	35402	1.03	cps
Cobalt	59-2	230	257	213	233	9.37	cps
Copper	63-2	48150	47866	48009	48008	0.30	cps
Dysprosium	156-1	867	992	692	850	17.73	cps
Dysprosium	156-2	210	130	160	167	24.25	cps
Erbium	164-1	767	842	817	808	4.72	cps
Erbium	164-2	140	120	117	126	10.05	cps
Gadolinium	160-1	692	900	850	814	13.36	cps
Gadolinium	160-2	190	220	193	201	8.18	cps
Holmium	165-1	9570922	9391792	9515913	9492876	0.97	cps
Holmium	165-2	1716466	1761619	1712565	1730217	1.58	cps
Indium	115-1	7155102	7116228	7185803	7152378	0.49	cps
Indium	115-2	231101	233458	233231	232597	0.56	cps
Iron	56-2	267690	266563	265279	266511	0.45	cps
Iron	57-2	6996	6541	6641	6726	3.56	cps
Krypton	83-1	197	213	200	203	4.34	cps
Lead	206-1	219736	221449	220749	220645	0.39	cps
Lead	207-1	186039	185693	185328	185687	0.19	cps
Lead	208-1	858708	866317	861210	862078	0.45	cps
Lithium	6-1	1222409	1216875	1239410	1226231	0.96	cps
Magnesium	24-2	7160	7436	7144	7247	2.26	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-20	Instrumnet Name :	P8
Client Sample ID :	MDAN81	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 18:38:07	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3637	3547	3531	3572	1.61	cps
Molybdenum	94-1	1675	1734	1684	1697	1.86	cps
Molybdenum	95-1	683	783	625	697	11.48	cps
Molybdenum	96-1	958	1000	967	975	2.26	cps
Molybdenum	97-1	433	433	533	467	12.37	cps
Molybdenum	98-1	1167	1100	1133	1133	2.94	cps
Neodymium	150-1	1367	1527	1460	1451	5.54	cps
Neodymium	150-2	157	147	170	158	7.42	cps
Nickel	60-2	1190	1087	1053	1110	6.42	cps
Phosphorus	31-2	58	33	25	39	44.62	cps
Potassium	39-2	1617	1642	1525	1595	3.85	cps
Rhodium	103-1	6489620	6431836	6495665	6472374	0.54	cps
Rhodium	103-2	1533828	1566980	1550132	1550313	1.07	cps
Scandium	45-1	3758790	3672149	3691819	3707586	1.23	cps
Scandium	45-2	23503	23266	24044	23605	1.69	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	2	0	2	1	86.60	cps
Selenium	82-1	51	16	12	27	80.67	cps
Silicon	28-1	1023954	943384	1328809	1098715	18.50	cps
Silver	109-1	508	450	625	528	16.88	cps
Silver	107-1	592	617	700	636	8.92	cps
Sodium	23-2	5751	6268	6493	6171	6.17	cps
Strontium	86-1	127878	127053	126860	127264	0.43	cps
Strontium	88-1	1098525	1097975	1112009	1102836	0.72	cps
Sulfur	34-1	228473	228960	229340	228924	0.19	cps
Terbium	159-1	9799802	9701517	9831153	9777490	0.69	cps
Terbium	159-2	1636869	1654480	1641254	1644201	0.56	cps
Thallium	203-1	183	133	183	167	17.32	cps
Thallium	205-1	375	392	458	408	10.80	cps
Tin	118-1	6585	6660	6919	6721	2.60	cps
Titanium	47-1	10713	10788	13196	11566	12.21	cps
Uranium	238-1	4835	5218	5293	5115	4.81	cps
Vanadium	51-2	2084	1904	1930	1972	4.93	cps
Yttrium	89-1	7200839	7091927	7117692	7136819	0.80	cps
Yttrium	89-2	167443	171554	169168	169388	1.22	cps
Zinc	66-2	2800	3057	3164	3007	6.21	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-20	Instrumnet Name :	P8
Client Sample ID :	MDAN81	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 18:38:07	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3459	3292	3351	3367	2.51	cps
Zirconium	91-1	792	800	992	861	13.14	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	CCV013	Instrumnet Name :	P8
Client Sample ID :	CCV013	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 18:41:28	DataFile Name :	043CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	143385	143318	144992	143898	0.66	cps
Antimony	121-1	2726772	2793588	2762804	2761055	1.21	cps
Arsenic	75-1	621969	630619	636560	629716	1.17	cps
Barium	135-1	2981445	3017184	3041719	3013449	1.01	cps
Barium	137-1	5247823	5276484	5249516	5257941	0.31	cps
Beryllium	9-1	312124	317225	316962	315437	0.91	cps
Bismuth	209-1	6069270	6095613	6032590	6065824	0.52	cps
Bismuth	209-2	1406100	1411275	1387024	1401467	0.91	cps
Boron	10-1	36923	37199	38653	37592	2.47	cps
Boron	11-1	169465	176516	182910	176297	3.81	cps
Cadmium	111-1	546901	559180	563608	556563	1.56	cps
Cadmium	106-1	58495	60060	60679	59744	1.88	cps
Cadmium	108-1	39613	39479	40030	39707	0.72	cps
Calcium	43-1	2691339	2701736	2745421	2712832	1.06	cps
Calcium	44-1	43612987	44334385	44637949	44195107	1.19	cps
Chromium	52-2	196826	198921	198553	198100	0.56	cps
Cobalt	59-2	427788	429794	433209	430264	0.64	cps
Copper	63-2	733250	730807	739451	734503	0.61	cps
Dysprosium	156-1	50	42	92	61	43.83	cps
Dysprosium	156-2	0	10	7	6	91.64	cps
Erbium	164-1	25	33	25	28	17.33	cps
Erbium	164-2	7	3	7	6	34.70	cps
Gadolinium	160-1	50	25	67	47	44.41	cps
Gadolinium	160-2	7	13	10	10	33.30	cps
Holmium	165-1	9279137	9419344	9394971	9364484	0.80	cps
Holmium	165-2	1743479	1716288	1729144	1729637	0.79	cps
Indium	115-1	6779170	6864274	6772760	6805402	0.75	cps
Indium	115-2	228150	229066	222628	226615	1.54	cps
Iron	56-2	31357120	31375944	31503692	31412252	0.25	cps
Iron	57-2	787204	786782	791501	788496	0.33	cps
Krypton	83-1	243	217	233	231	5.83	cps
Lead	206-1	1930829	1910702	1923725	1921752	0.53	cps
Lead	207-1	1747989	1763887	1758143	1756673	0.46	cps
Lead	208-1	7820263	7853494	7870956	7848238	0.33	cps
Lithium	6-1	1158936	1169045	1171957	1166646	0.59	cps
Magnesium	24-2	3524202	3552863	3629653	3568906	1.53	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	CCV013	Instrumnet Name :	P8
Client Sample ID :	CCV013	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 18:41:28	DataFile Name :	043CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	103046	103634	105141	103940	1.04	cps
Molybdenum	94-1	4460264	4531638	4552742	4514881	1.07	cps
Molybdenum	95-1	5440454	5599040	5623109	5554201	1.79	cps
Molybdenum	96-1	6102506	6251954	6263130	6205863	1.45	cps
Molybdenum	97-1	3446395	3493728	3500336	3480153	0.85	cps
Molybdenum	98-1	8896086	8914917	9053379	8954794	0.96	cps
Neodymium	150-1	153	153	207	171	18.00	cps
Neodymium	150-2	7	10	3	7	50.03	cps
Nickel	60-2	126300	127258	126787	126782	0.38	cps
Phosphorus	31-2	2025	2000	1850	1959	4.83	cps
Potassium	39-2	848832	850106	859081	852673	0.66	cps
Rhodium	103-1	5963929	6078617	6019442	6020663	0.95	cps
Rhodium	103-2	1454844	1435769	1431755	1440789	0.86	cps
Scandium	45-1	3650763	3651255	3642827	3648281	0.13	cps
Scandium	45-2	23891	24037	23647	23858	0.83	cps
Selenium	77-2	127	137	83	116	24.53	cps
Selenium	78-2	498	537	524	520	3.81	cps
Selenium	82-1	33811	33874	33862	33849	0.10	cps
Silicon	28-1	1326127	1362534	1383869	1357510	2.15	cps
Silver	109-1	2621595	2662602	2654335	2646177	0.82	cps
Silver	107-1	2744224	2761738	2771952	2759305	0.51	cps
Sodium	23-2	8526276	8488260	8573604	8529380	0.50	cps
Strontium	86-1	699840	718329	714045	710738	1.36	cps
Strontium	88-1	6220655	6251781	6229247	6233894	0.26	cps
Sulfur	34-1	541613	546812	548766	545730	0.68	cps
Terbium	159-1	9611069	9709616	9598425	9639703	0.63	cps
Terbium	159-2	1662825	1679722	1650877	1664475	0.87	cps
Thallium	203-1	2383715	2375134	2370383	2376411	0.28	cps
Thallium	205-1	5570562	5635603	5641995	5616053	0.70	cps
Tin	118-1	1910841	1949478	1936400	1932240	1.02	cps
Titanium	47-1	1344541	1352728	1348466	1348578	0.30	cps
Uranium	238-1	7705205	7715158	7729333	7716565	0.16	cps
Vanadium	51-2	144189	145718	146510	145472	0.81	cps
Yttrium	89-1	6908612	7030054	6951189	6963285	0.88	cps
Yttrium	89-2	169577	172173	169194	170314	0.95	cps
Zinc	66-2	62406	62058	62858	62441	0.64	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	CCV013	Instrumnet Name :	P8
Client Sample ID :	CCV013	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 18:41:28	DataFile Name :	043CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3730164	3766544	3779660	3758789	0.68	cps
Zirconium	91-1	812275	823930	829181	821795	1.05	cps

LB Number : LB94183 Operator : Jaswal
 Lab Sample ID : CCB013 Instrumnet Name : P8
 Client Sample ID : CCB013 Dilution Factor : 1
 Date & Time Acquired :: 2018-03-23 18:59:58 DataFile Name : 044CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	0	0	8	3	173.21	cps
Antimony	121-1	1517	1900	2284	1900	20.18	cps
Arsenic	75-1	618	494	600	571	11.80	cps
Barium	135-1	33	17	17	22	43.28	cps
Barium	137-1	17	58	50	42	52.91	cps
Beryllium	9-1	111	133	150	131	14.84	cps
Bismuth	209-1	6219059	6039935	6101934	6120309	1.49	cps
Bismuth	209-2	1465084	1457713	1431786	1451528	1.20	cps
Boron	10-1	133	200	225	186	25.46	cps
Boron	11-1	992	908	900	933	5.43	cps
Cadmium	111-1	808	874	711	798	10.25	cps
Cadmium	106-1	1142	1217	1008	1122	9.40	cps
Cadmium	108-1	0	4	4	3	86.60	cps
Calcium	43-1	358	375	425	386	8.99	cps
Calcium	44-1	6977	6402	6827	6735	4.43	cps
Chromium	52-2	127	133	93	118	18.19	cps
Cobalt	59-2	30	43	43	39	19.79	cps
Copper	63-2	110	97	143	117	20.60	cps
Dysprosium	156-1	8	17	0	8	100.02	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	50	25	50	42	34.64	cps
Erbium	164-2	3	0	0	1	173.21	cps
Gadolinium	160-1	17	50	42	36	48.03	cps
Gadolinium	160-2	0	7	0	2	173.21	cps
Holmium	165-1	9157506	8928529	9073537	9053191	1.28	cps
Holmium	165-2	1726670	1758568	1689286	1724842	2.01	cps
Indium	115-1	7081941	6955370	7074564	7037292	1.01	cps
Indium	115-2	236905	238092	235850	236949	0.47	cps
Iron	56-2	850	867	1017	911	10.08	cps
Iron	57-2	22	11	33	22	50.00	cps
Krypton	83-1	230	207	220	219	5.35	cps
Lead	206-1	378	394	461	411	10.73	cps
Lead	207-1	244	306	350	300	17.67	cps
Lead	208-1	1339	1511	1695	1515	11.74	cps
Lithium	6-1	1193348	1184145	1205317	1194270	0.89	cps
Magnesium	24-2	208	158	142	169	20.48	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	CCB013	Instrumnet Name :	P8
Client Sample ID :	CCB013	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 18:59:58	DataFile Name :	044CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	10	7	27	14	74.18	cps
Molybdenum	94-1	625	850	992	822	22.49	cps
Molybdenum	95-1	475	908	1167	850	41.12	cps
Molybdenum	96-1	725	1042	1108	958	21.37	cps
Molybdenum	97-1	350	608	792	583	38.04	cps
Molybdenum	98-1	825	1425	1834	1361	37.26	cps
Neodymium	150-1	0	7	13	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	423	383	377	394	6.40	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	1250	1325	1242	1272	3.61	cps
Rhodium	103-1	6468444	6332090	6356779	6385771	1.14	cps
Rhodium	103-2	1556036	1549295	1527660	1544330	0.96	cps
Scandium	45-1	3824820	3711755	3831116	3789231	1.77	cps
Scandium	45-2	24916	24849	24642	24802	0.58	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	0	1	173.21	cps
Selenium	82-1	-18	25	11	6	352.95	cps
Silicon	28-1	240876	235388	238394	238219	1.15	cps
Silver	109-1	83	108	92	94	13.48	cps
Silver	107-1	133	117	125	125	6.67	cps
Sodium	23-2	3084	3142	2867	3031	4.78	cps
Strontium	86-1	283	308	275	289	6.01	cps
Strontium	88-1	150	108	83	114	29.57	cps
Sulfur	34-1	262257	256793	257870	258973	1.12	cps
Terbium	159-1	9461108	9158206	9347701	9322338	1.64	cps
Terbium	159-2	1663547	1663376	1616632	1647852	1.64	cps
Thallium	203-1	367	275	392	344	17.83	cps
Thallium	205-1	858	783	842	828	4.76	cps
Tin	118-1	1167	1593	1250	1336	16.88	cps
Titanium	47-1	75	108	108	97	19.80	cps
Uranium	238-1	33	67	50	50	33.34	cps
Vanadium	51-2	0	3	3	2	86.60	cps
Yttrium	89-1	7124086	6925633	7029322	7026347	1.41	cps
Yttrium	89-2	173237	175897	171388	173507	1.31	cps
Zinc	66-2	3	10	13	9	57.30	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	CCB013	Instrumnet Name :	P8
Client Sample ID :	CCB013	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 18:59:58	DataFile Name :	044CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	750	717	942	803	15.13	cps
Zirconium	91-1	158	258	192	203	25.11	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-21	Instrumnet Name :	P8
Client Sample ID :	MDAN82	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:03:20	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	933	1158	1100	1064	10.98	cps
Antimony	121-1	1183	1400	1909	1497	24.86	cps
Arsenic	75-1	709	935	717	787	16.28	cps
Barium	135-1	12465	12256	12907	12543	2.65	cps
Barium	137-1	21761	28756	21686	24067	16.87	cps
Beryllium	9-1	133	161	122	139	14.42	cps
Bismuth	209-1	6039632	6100472	6172267	6104123	1.09	cps
Bismuth	209-2	1454241	1433158	1280962	1389454	6.80	cps
Boron	10-1	225	225	333	261	23.95	cps
Boron	11-1	1075	1108	1125	1103	2.31	cps
Cadmium	111-1	861	813	909	861	5.59	cps
Cadmium	106-1	1200	1100	1233	1178	5.89	cps
Cadmium	108-1	0	4	0	1	173.21	cps
Calcium	43-1	16352	15701	17028	16360	4.05	cps
Calcium	44-1	263596	260431	259560	261196	0.81	cps
Chromium	52-2	3327	3450	3481	3419	2.38	cps
Cobalt	59-2	123	107	137	122	12.30	cps
Copper	63-2	1553	1463	1570	1529	3.75	cps
Dysprosium	156-1	575	442	408	475	18.57	cps
Dysprosium	156-2	53	93	80	76	26.96	cps
Erbium	164-1	408	317	300	342	17.07	cps
Erbium	164-2	50	70	47	56	22.71	cps
Gadolinium	160-1	442	450	483	458	4.81	cps
Gadolinium	160-2	120	87	110	106	16.20	cps
Holmium	165-1	9163525	9188979	9206199	9186234	0.23	cps
Holmium	165-2	1752268	1712719	1504208	1656398	8.05	cps
Indium	115-1	7126306	7093770	7210209	7143428	0.84	cps
Indium	115-2	239084	237427	208571	228361	7.51	cps
Iron	56-2	58104	57993	58244	58114	0.22	cps
Iron	57-2	1328	1622	1422	1458	10.32	cps
Krypton	83-1	183	253	217	218	16.08	cps
Lead	206-1	17501	17724	16928	17385	2.36	cps
Lead	207-1	14425	14876	15009	14770	2.07	cps
Lead	208-1	68296	68919	68006	68407	0.68	cps
Lithium	6-1	1171476	1190001	1183008	1181495	0.79	cps
Magnesium	24-2	700	667	767	711	7.16	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-21	Instrumnet Name :	P8
Client Sample ID :	MDAN82	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:03:20	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	297	320	357	324	9.32	cps
Molybdenum	94-1	7718	1860	1434	3671	95.67	cps
Molybdenum	95-1	425	550	750	575	28.51	cps
Molybdenum	96-1	642	917	1075	878	24.98	cps
Molybdenum	97-1	417	450	358	408	11.36	cps
Molybdenum	98-1	708	967	1067	914	20.23	cps
Neodymium	150-1	893	933	807	878	7.38	cps
Neodymium	150-2	93	110	73	92	19.91	cps
Nickel	60-2	1493	1300	1337	1377	7.46	cps
Phosphorus	31-2	8	0	8	6	86.60	cps
Potassium	39-2	1592	1342	1300	1411	11.18	cps
Rhodium	103-1	6516320	6454564	6506423	6492436	0.51	cps
Rhodium	103-2	1577198	1591866	1341491	1503518	9.35	cps
Scandium	45-1	3762263	3734906	3820215	3772461	1.15	cps
Scandium	45-2	24709	24291	22555	23852	4.79	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	0	1	173.21	cps
Selenium	82-1	39	-73	-10	-15	-376.73	cps
Silicon	28-1	985588	1293015	1370257	1216287	16.73	cps
Silver	109-1	392	483	433	436	10.52	cps
Silver	107-1	408	408	442	419	4.59	cps
Sodium	23-2	5159	5109	5443	5237	3.43	cps
Strontium	86-1	44390	43571	45134	44365	1.76	cps
Strontium	88-1	386730	387825	386413	386989	0.19	cps
Sulfur	34-1	253737	253314	250488	252513	0.70	cps
Terbium	159-1	9433414	9437083	9562612	9477703	0.78	cps
Terbium	159-2	1668494	1668219	1445326	1594013	8.08	cps
Thallium	203-1	733	608	558	633	14.23	cps
Thallium	205-1	1534	1567	1208	1436	13.79	cps
Tin	118-1	1684	1700	1717	1700	0.98	cps
Titanium	47-1	14586	16468	29916	20323	41.14	cps
Uranium	238-1	1133	908	1042	1028	11.01	cps
Vanadium	51-2	747	763	727	746	2.46	cps
Yttrium	89-1	7132934	7211742	7187014	7177230	0.56	cps
Yttrium	89-2	173872	172080	150917	165623	7.71	cps
Zinc	66-2	163	210	143	172	19.86	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-21	Instrumnet Name :	P8
Client Sample ID :	MDAN82	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:03:20	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	25021	2634	2526	10060	128.79	cps
Zirconium	91-1	575	408	558	514	17.86	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-22	Instrumnet Name :	P8
Client Sample ID :	MDAN83	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:06:42	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17169	17178	17862	17403	2.28	cps
Antimony	121-1	1058	1150	1417	1208	15.41	cps
Arsenic	75-1	713	568	677	653	11.55	cps
Barium	135-1	17813	17964	18155	17977	0.95	cps
Barium	137-1	30486	30653	31229	30789	1.27	cps
Beryllium	9-1	117	144	122	128	11.50	cps
Bismuth	209-1	6055334	6207743	6298570	6187216	1.99	cps
Bismuth	209-2	1467969	1434711	1450903	1451194	1.15	cps
Boron	10-1	275	325	325	308	9.36	cps
Boron	11-1	1192	1183	1133	1170	2.70	cps
Cadmium	111-1	832	880	921	878	5.11	cps
Cadmium	106-1	1175	1233	1275	1228	4.09	cps
Cadmium	108-1	17	13	13	14	17.33	cps
Calcium	43-1	49622	47306	49028	48652	2.47	cps
Calcium	44-1	797536	797768	793812	796372	0.28	cps
Chromium	52-2	6672	7129	6665	6822	3.90	cps
Cobalt	59-2	173	183	150	169	10.13	cps
Copper	63-2	823	647	710	727	12.32	cps
Dysprosium	156-1	1684	1559	1484	1575	6.41	cps
Dysprosium	156-2	287	263	263	271	4.97	cps
Erbium	164-1	1042	1017	808	956	13.41	cps
Erbium	164-2	237	137	123	166	37.42	cps
Gadolinium	160-1	1358	1308	1367	1345	2.35	cps
Gadolinium	160-2	320	317	363	333	7.81	cps
Holmium	165-1	9048719	9182134	9386748	9205867	1.85	cps
Holmium	165-2	1736647	1728461	1712981	1726030	0.70	cps
Indium	115-1	6909415	7148926	7119000	7059114	1.85	cps
Indium	115-2	237172	233849	231182	234068	1.28	cps
Iron	56-2	121188	121888	121996	121691	0.36	cps
Iron	57-2	3212	3023	2984	3073	3.97	cps
Krypton	83-1	257	190	227	224	14.88	cps
Lead	206-1	20834	20639	20311	20595	1.28	cps
Lead	207-1	16450	17118	17568	17045	3.30	cps
Lead	208-1	79321	79783	81382	80162	1.35	cps
Lithium	6-1	1161208	1180088	1181208	1174168	0.96	cps
Magnesium	24-2	2942	3000	3092	3012	2.51	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-22	Instrumnet Name :	P8
Client Sample ID :	MDAN83	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:06:42	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	170	157	200	176	12.64	cps
Molybdenum	94-1	2692	2550	3042	2762	9.17	cps
Molybdenum	95-1	575	592	675	614	8.73	cps
Molybdenum	96-1	1058	950	1042	1017	5.74	cps
Molybdenum	97-1	375	342	408	375	8.89	cps
Molybdenum	98-1	733	942	1275	983	27.79	cps
Neodymium	150-1	2754	2707	2600	2687	2.93	cps
Neodymium	150-2	297	300	330	309	5.94	cps
Nickel	60-2	1924	1984	2050	1986	3.19	cps
Phosphorus	31-2	8	25	8	14	69.31	cps
Potassium	39-2	1417	1433	1525	1458	4.00	cps
Rhodium	103-1	6366196	6526518	6517712	6470142	1.39	cps
Rhodium	103-2	1555717	1506506	1510668	1524297	1.79	cps
Scandium	45-1	3699072	3727128	3775204	3733801	1.03	cps
Scandium	45-2	25433	24034	24161	24543	3.15	cps
Selenium	77-2	7	3	0	3	100.05	cps
Selenium	78-2	4	0	0	1	173.21	cps
Selenium	82-1	-10	54	25	23	137.97	cps
Silicon	28-1	3008138	2838608	2943008	2929918	2.92	cps
Silver	109-1	342	483	450	425	17.43	cps
Silver	107-1	458	375	475	436	12.29	cps
Sodium	23-2	4668	4651	4801	4707	1.75	cps
Strontium	86-1	84008	82700	82801	83170	0.88	cps
Strontium	88-1	724678	761611	719758	735349	3.11	cps
Sulfur	34-1	243293	242089	240564	241982	0.57	cps
Terbium	159-1	9332538	9439131	9487422	9419697	0.84	cps
Terbium	159-2	1671688	1658946	1634767	1655134	1.13	cps
Thallium	203-1	267	233	325	275	16.87	cps
Thallium	205-1	742	542	633	639	15.67	cps
Tin	118-1	16421	1542	1508	6490	132.50	cps
Titanium	47-1	12026	12225	11601	11951	2.67	cps
Uranium	238-1	3526	3317	3501	3448	3.30	cps
Vanadium	51-2	983	990	870	948	7.12	cps
Yttrium	89-1	6998228	7144427	7158005	7100220	1.25	cps
Yttrium	89-2	175233	168097	168726	170685	2.31	cps
Zinc	66-2	123	60	77	87	37.88	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2022-22	Instrumnet Name :	P8
Client Sample ID :	MDAN83	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:06:42	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6452	6777	6318	6516	3.62	cps
Zirconium	91-1	1509	1751	1859	1706	10.52	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-01	Instrumnet Name :	P8
Client Sample ID :	MDAN84	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:10:03	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4443	4017	4768	4409	8.53	cps
Antimony	121-1	1150	1300	1517	1322	13.94	cps
Arsenic	75-1	12585	11943	12661	12396	3.19	cps
Barium	135-1	9637	9696	9621	9651	0.41	cps
Barium	137-1	16987	16595	17571	17051	2.88	cps
Beryllium	9-1	133	122	139	131	6.45	cps
Bismuth	209-1	6157577	6416819	6347870	6307422	2.13	cps
Bismuth	209-2	1486452	1459664	1496140	1480752	1.28	cps
Boron	10-1	242	317	250	269	15.26	cps
Boron	11-1	817	883	1008	903	10.78	cps
Cadmium	111-1	956	874	969	933	5.49	cps
Cadmium	106-1	1250	1200	1275	1242	3.08	cps
Cadmium	108-1	4	17	4	8	86.57	cps
Calcium	43-1	10137	9687	10171	9998	2.70	cps
Calcium	44-1	167126	166080	167436	166881	0.43	cps
Chromium	52-2	10514	10654	10567	10579	0.67	cps
Cobalt	59-2	230	220	220	223	2.59	cps
Copper	63-2	11869	11588	11672	11710	1.23	cps
Dysprosium	156-1	1742	1800	1975	1839	6.60	cps
Dysprosium	156-2	393	350	427	390	9.86	cps
Erbium	164-1	2334	2392	2109	2278	6.57	cps
Erbium	164-2	347	460	430	412	14.25	cps
Gadolinium	160-1	2134	2167	1859	2053	8.24	cps
Gadolinium	160-2	473	503	470	482	3.81	cps
Holmium	165-1	9341870	9466331	9441089	9416430	0.70	cps
Holmium	165-2	1756258	1713940	1759830	1743343	1.46	cps
Indium	115-1	7062310	7190814	7177810	7143645	0.99	cps
Indium	115-2	237399	230105	237309	234938	1.78	cps
Iron	56-2	364184	357859	359268	360437	0.92	cps
Iron	57-2	9270	8575	8847	8898	3.94	cps
Krypton	83-1	230	200	220	217	7.05	cps
Lead	206-1	51935	52687	52341	52321	0.72	cps
Lead	207-1	42806	43804	49118	45243	7.50	cps
Lead	208-1	201773	204342	209370	205162	1.88	cps
Lithium	6-1	1175536	1200640	1174788	1183655	1.24	cps
Magnesium	24-2	2984	3334	2942	3087	6.97	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-01	Instrumnet Name :	P8
Client Sample ID :	MDAN84	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:10:03	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1710	1663	1713	1696	1.65	cps
Molybdenum	94-1	1167	1534	1484	1395	14.26	cps
Molybdenum	95-1	783	858	700	781	10.15	cps
Molybdenum	96-1	1025	875	1258	1053	18.35	cps
Molybdenum	97-1	483	558	400	481	16.48	cps
Molybdenum	98-1	1067	1200	1292	1186	9.54	cps
Neodymium	150-1	1874	1607	1834	1771	8.12	cps
Neodymium	150-2	197	233	200	210	9.66	cps
Nickel	60-2	617	570	580	589	4.17	cps
Phosphorus	31-2	17	33	0	17	99.99	cps
Potassium	39-2	1792	1850	1800	1814	1.74	cps
Rhodium	103-1	6413352	6556811	6580600	6516921	1.39	cps
Rhodium	103-2	1596979	1535370	1564626	1565658	1.97	cps
Scandium	45-1	3735406	3802910	3780617	3772978	0.91	cps
Scandium	45-2	23884	24405	24568	24286	1.47	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	0	0	2	1	173.21	cps
Selenium	82-1	13	31	42	29	50.34	cps
Silicon	28-1	1742936	1937610	1683582	1788043	7.43	cps
Silver	109-1	367	408	642	472	31.39	cps
Silver	107-1	450	550	508	503	9.99	cps
Sodium	23-2	5368	5751	5593	5571	3.46	cps
Strontium	86-1	21292	21359	21317	21323	0.16	cps
Strontium	88-1	180794	191898	184269	185654	3.06	cps
Sulfur	34-1	237320	233523	236490	235778	0.85	cps
Terbium	159-1	9497872	9816574	9748909	9687785	1.73	cps
Terbium	159-2	1677346	1629883	1676072	1661101	1.63	cps
Thallium	203-1	250	258	342	283	17.89	cps
Thallium	205-1	583	525	775	628	20.83	cps
Tin	118-1	2742	2509	2634	2628	4.44	cps
Titanium	47-1	13951	11138	10874	11988	14.23	cps
Uranium	238-1	5068	5310	5326	5235	2.76	cps
Vanadium	51-2	1057	1043	1143	1081	5.02	cps
Yttrium	89-1	7140736	7276374	7225748	7214286	0.95	cps
Yttrium	89-2	177011	169422	173962	173465	2.20	cps
Zinc	66-2	1417	1417	1337	1390	3.32	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-01	Instrumnet Name :	P8
Client Sample ID :	MDAN84	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:10:03	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2042	3002	2042	2362	23.46	cps
Zirconium	91-1	608	417	967	664	42.09	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-02	Instrumnet Name :	P8
Client Sample ID :	MDAN84D	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:13:24	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4376	4176	4501	4351	3.77	cps
Antimony	121-1	1183	1267	1400	1283	8.52	cps
Arsenic	75-1	12059	12429	11892	12126	2.27	cps
Barium	135-1	9862	9929	9662	9818	1.41	cps
Barium	137-1	16861	17831	16828	17174	3.32	cps
Beryllium	9-1	161	89	144	131	28.76	cps
Bismuth	209-1	6336701	6338242	6163348	6279430	1.60	cps
Bismuth	209-2	1462971	1440496	1486570	1463346	1.57	cps
Boron	10-1	108	200	192	167	30.41	cps
Boron	11-1	908	867	925	900	3.34	cps
Cadmium	111-1	1006	843	856	902	10.00	cps
Cadmium	106-1	1300	1100	1075	1158	10.65	cps
Cadmium	108-1	13	8	25	15	56.79	cps
Calcium	43-1	10171	9862	10287	10107	2.17	cps
Calcium	44-1	167084	167623	166990	167232	0.20	cps
Chromium	52-2	10344	10541	10361	10415	1.05	cps
Cobalt	59-2	247	200	240	229	11.03	cps
Copper	63-2	11211	11198	11455	11288	1.28	cps
Dysprosium	156-1	1825	1875	1942	1881	3.11	cps
Dysprosium	156-2	380	423	443	416	7.79	cps
Erbium	164-1	2259	2184	2367	2270	4.06	cps
Erbium	164-2	410	420	373	401	6.12	cps
Gadolinium	160-1	1967	2009	2192	2056	5.82	cps
Gadolinium	160-2	513	523	520	519	0.98	cps
Holmium	165-1	9377582	9368066	9207333	9317660	1.03	cps
Holmium	165-2	1710886	1672601	1769185	1717557	2.83	cps
Indium	115-1	7173098	7166948	7034851	7124966	1.10	cps
Indium	115-2	233220	229190	235101	232504	1.30	cps
Iron	56-2	361308	352810	354403	356173	1.27	cps
Iron	57-2	8886	8920	8875	8894	0.26	cps
Krypton	83-1	200	223	213	212	5.52	cps
Lead	206-1	52079	51415	51504	51666	0.70	cps
Lead	207-1	42828	43380	42538	42915	1.00	cps
Lead	208-1	201955	201580	198722	200752	0.88	cps
Lithium	6-1	1175162	1203271	1178661	1185698	1.29	cps
Magnesium	24-2	2792	2859	2792	2814	1.37	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-02	Instrumnet Name :	P8
Client Sample ID :	MDAN84D	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:13:24	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1467	1603	1563	1545	4.55	cps
Molybdenum	94-1	1008	1384	1650	1347	23.93	cps
Molybdenum	95-1	658	650	808	706	12.63	cps
Molybdenum	96-1	1050	783	883	906	14.88	cps
Molybdenum	97-1	542	425	558	508	14.29	cps
Molybdenum	98-1	925	1017	1325	1089	19.25	cps
Neodymium	150-1	1754	1687	1634	1691	3.56	cps
Neodymium	150-2	220	160	197	192	15.74	cps
Nickel	60-2	537	543	580	553	4.22	cps
Phosphorus	31-2	17	33	0	17	99.99	cps
Potassium	39-2	1925	1917	1692	1845	7.18	cps
Rhodium	103-1	6516551	6575686	6429795	6507344	1.13	cps
Rhodium	103-2	1562589	1537505	1573877	1557990	1.19	cps
Scandium	45-1	3766510	3789403	3661156	3739023	1.83	cps
Scandium	45-2	23934	23687	24345	23989	1.39	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	2	2	6	3	69.39	cps
Selenium	82-1	-7	17	18	9	156.44	cps
Silicon	28-1	1672634	1916982	1685745	1758454	7.82	cps
Silver	109-1	333	375	358	356	5.90	cps
Silver	107-1	408	483	458	450	8.49	cps
Sodium	23-2	5360	5176	5360	5298	2.00	cps
Strontium	86-1	20558	20742	20700	20666	0.47	cps
Strontium	88-1	177170	181822	177948	178980	1.39	cps
Sulfur	34-1	234217	231972	233149	233113	0.48	cps
Terbium	159-1	9635471	9691516	9564221	9630402	0.66	cps
Terbium	159-2	1643118	1609506	1669655	1640760	1.84	cps
Thallium	203-1	225	242	200	222	9.44	cps
Thallium	205-1	608	492	558	553	10.59	cps
Tin	118-1	2884	2609	2875	2789	5.61	cps
Titanium	47-1	9070	9882	10174	9709	5.89	cps
Uranium	238-1	5476	5526	5418	5474	0.99	cps
Vanadium	51-2	1230	1063	1173	1156	7.33	cps
Yttrium	89-1	7251636	7244643	7068521	7188267	1.44	cps
Yttrium	89-2	172237	168711	174704	171884	1.75	cps
Zinc	66-2	1433	1410	1473	1439	2.23	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-02	Instrumnet Name :	P8
Client Sample ID :	MDAN84D	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:13:24	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2184	2392	2209	2261	5.03	cps
Zirconium	91-1	558	400	467	475	16.74	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-01LX5	Instrumnet Name :	P8
Client Sample ID :	MDAN84L	Dilution Factor :	5
Date & Time Acquired ::	2018-03-23 19:16:45	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	917	875	917	903	2.67	cps
Antimony	121-1	467	650	592	569	16.45	cps
Arsenic	75-1	3275	3052	2863	3064	6.73	cps
Barium	135-1	1967	2092	2025	2028	3.09	cps
Barium	137-1	4683	3501	3434	3872	18.14	cps
Beryllium	9-1	94	89	94	93	3.47	cps
Bismuth	209-1	6203255	6242646	6128895	6191599	0.93	cps
Bismuth	209-2	1460891	1449773	1472610	1461091	0.78	cps
Boron	10-1	125	108	192	142	31.13	cps
Boron	11-1	733	658	517	636	17.30	cps
Cadmium	111-1	860	887	851	866	2.19	cps
Cadmium	106-1	1208	1250	1150	1203	4.18	cps
Cadmium	108-1	4	13	0	6	114.53	cps
Calcium	43-1	2775	2567	2517	2620	5.23	cps
Calcium	44-1	39624	40067	39908	39866	0.56	cps
Chromium	52-2	2170	2100	2147	2139	1.67	cps
Cobalt	59-2	57	63	57	59	6.53	cps
Copper	63-2	2420	2447	2504	2457	1.73	cps
Dysprosium	156-1	392	267	250	303	25.57	cps
Dysprosium	156-2	80	90	67	79	14.84	cps
Erbium	164-1	458	400	483	447	9.56	cps
Erbium	164-2	100	57	53	70	37.19	cps
Gadolinium	160-1	408	400	467	425	8.55	cps
Gadolinium	160-2	120	107	103	110	8.01	cps
Holmium	165-1	9243542	9338670	9192656	9258289	0.80	cps
Holmium	165-2	1741688	1744974	1746122	1744261	0.13	cps
Indium	115-1	7174554	7194751	6978763	7116022	1.68	cps
Indium	115-2	236320	235457	240904	237561	1.23	cps
Iron	56-2	72410	72545	71835	72263	0.52	cps
Iron	57-2	1922	1595	1878	1798	9.89	cps
Krypton	83-1	263	177	213	218	19.98	cps
Lead	206-1	11133	10827	11066	11009	1.46	cps
Lead	207-1	8792	9004	8575	8790	2.44	cps
Lead	208-1	41661	42869	41717	42082	1.62	cps
Lithium	6-1	1196964	1187676	1174950	1186530	0.93	cps
Magnesium	24-2	733	858	683	758	11.89	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-01LX5	Instrumnet Name :	P8
Client Sample ID :	MDAN84L	Dilution Factor :	5
Date & Time Acquired ::	2018-03-23 19:16:45	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	330	380	357	356	7.04	cps
Molybdenum	94-1	358	467	408	411	13.19	cps
Molybdenum	95-1	233	325	300	286	16.56	cps
Molybdenum	96-1	275	442	367	361	23.12	cps
Molybdenum	97-1	200	267	208	225	16.14	cps
Molybdenum	98-1	367	400	517	428	18.41	cps
Neodymium	150-1	333	387	340	353	8.22	cps
Neodymium	150-2	33	50	47	43	20.36	cps
Nickel	60-2	353	443	453	417	13.22	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	1367	1217	1167	1250	8.33	cps
Rhodium	103-1	6408578	6521785	6289818	6406727	1.81	cps
Rhodium	103-2	1527162	1540392	1556621	1541392	0.96	cps
Scandium	45-1	3716677	3753677	3637614	3702656	1.60	cps
Scandium	45-2	23870	23844	24649	24121	1.90	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	2	2	0.00	cps
Selenium	82-1	-34	63	-15	5	1053.33	cps
Silicon	28-1	553496	527042	548286	542941	2.58	cps
Silver	109-1	242	150	133	175	33.33	cps
Silver	107-1	217	142	242	200	26.02	cps
Sodium	23-2	3426	2892	3284	3201	8.63	cps
Strontium	86-1	4243	4501	3909	4218	7.04	cps
Strontium	88-1	34653	36641	35907	35734	2.81	cps
Sulfur	34-1	236835	236571	238019	237142	0.33	cps
Terbium	159-1	9428785	9603106	9395375	9475755	1.18	cps
Terbium	159-2	1678229	1644352	1670690	1664424	1.07	cps
Thallium	203-1	217	217	92	175	41.24	cps
Thallium	205-1	250	317	283	283	11.76	cps
Tin	118-1	1050	1000	892	981	8.25	cps
Titanium	47-1	1742	4407	1608	2586	61.05	cps
Uranium	238-1	967	958	1133	1020	9.68	cps
Vanadium	51-2	217	293	193	234	22.31	cps
Yttrium	89-1	7152372	7165245	6943301	7086973	1.76	cps
Yttrium	89-2	173085	172081	174756	173307	0.78	cps
Zinc	66-2	280	293	437	337	25.80	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-01LX5	Instrumnet Name :	P8
Client Sample ID :	MDAN84L	Dilution Factor :	5
Date & Time Acquired ::	2018-03-23 19:16:45	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	650	900	867	806	16.85	cps
Zirconium	91-1	183	192	200	192	4.35	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-03	Instrumnet Name :	P8
Client Sample ID :	MDAN84S	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:20:06	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5368	5401	5626	5465	2.57	cps
Antimony	121-1	111395	110873	111614	111294	0.34	cps
Arsenic	75-1	22501	22064	22817	22460	1.68	cps
Barium	135-1	476577	474637	481152	477455	0.70	cps
Barium	137-1	830829	823712	833204	829248	0.60	cps
Beryllium	9-1	6113	6313	6407	6277	2.40	cps
Bismuth	209-1	6344304	6298075	6224154	6288844	0.96	cps
Bismuth	209-2	1468740	1479365	1497214	1481773	0.97	cps
Boron	10-1	275	117	117	169	53.95	cps
Boron	11-1	767	825	867	820	6.13	cps
Cadmium	111-1	12266	12263	12407	12312	0.67	cps
Cadmium	106-1	2167	2067	2292	2175	5.18	cps
Cadmium	108-1	717	675	854	749	12.52	cps
Calcium	43-1	10271	9662	9821	9918	3.18	cps
Calcium	44-1	162826	164563	163239	163543	0.55	cps
Chromium	52-2	25180	24912	24952	25015	0.58	cps
Cobalt	59-2	88596	88760	88653	88670	0.09	cps
Copper	63-2	51308	50441	49873	50541	1.43	cps
Dysprosium	156-1	1884	1734	1967	1861	6.35	cps
Dysprosium	156-2	370	420	350	380	9.49	cps
Erbium	164-1	2509	2142	2250	2300	8.19	cps
Erbium	164-2	373	403	380	386	4.09	cps
Gadolinium	160-1	2059	1642	1942	1881	11.43	cps
Gadolinium	160-2	410	510	403	441	13.55	cps
Holmium	165-1	9399782	9301136	9217347	9306088	0.98	cps
Holmium	165-2	1733350	1752592	1738698	1741546	0.57	cps
Indium	115-1	7207772	7114990	7043256	7122006	1.16	cps
Indium	115-2	235577	235858	238858	236764	0.77	cps
Iron	56-2	399933	395058	395285	396759	0.69	cps
Iron	57-2	10065	10499	9643	10069	4.25	cps
Krypton	83-1	243	237	233	238	2.14	cps
Lead	206-1	66083	66138	65753	65992	0.32	cps
Lead	207-1	55505	55170	54679	55118	0.75	cps
Lead	208-1	256965	257852	256049	256955	0.35	cps
Lithium	6-1	1197201	1185881	1153340	1178807	1.93	cps
Magnesium	24-2	2634	2509	2750	2631	4.59	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-03	Instrumnet Name :	P8
Client Sample ID :	MDAN84S	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:20:06	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	11969	12302	11992	12088	1.54	cps
Molybdenum	94-1	1092	1442	1267	1267	13.82	cps
Molybdenum	95-1	517	558	808	628	25.13	cps
Molybdenum	96-1	900	850	1059	936	11.62	cps
Molybdenum	97-1	383	442	450	425	8.55	cps
Molybdenum	98-1	1033	1167	1092	1097	6.09	cps
Neodymium	150-1	1780	1707	1874	1787	4.68	cps
Neodymium	150-2	233	190	163	196	18.07	cps
Nickel	60-2	26462	26512	26419	26464	0.18	cps
Phosphorus	31-2	17	25	0	14	91.65	cps
Potassium	39-2	1684	2017	1725	1809	10.04	cps
Rhodium	103-1	6549366	6501019	6422609	6490998	0.99	cps
Rhodium	103-2	1528364	1572552	1581254	1560724	1.82	cps
Scandium	45-1	3761438	3747173	3700305	3736305	0.86	cps
Scandium	45-2	24378	24154	24622	24385	0.96	cps
Selenium	77-2	3	7	3	4	43.40	cps
Selenium	78-2	15	28	28	23	31.92	cps
Selenium	82-1	1337	1357	1369	1355	1.20	cps
Silicon	28-1	1592123	1609065	1841092	1680760	8.28	cps
Silver	109-1	52002	51500	51959	51820	0.54	cps
Silver	107-1	53574	52871	54344	53596	1.37	cps
Sodium	23-2	5918	5893	6177	5996	2.62	cps
Strontium	86-1	20391	19248	21361	20333	5.20	cps
Strontium	88-1	172521	171155	174724	172800	1.04	cps
Sulfur	34-1	234038	231556	229456	231683	0.99	cps
Terbium	159-1	9693428	9471987	9562935	9576117	1.16	cps
Terbium	159-2	1648591	1654771	1649007	1650789	0.21	cps
Thallium	203-1	47213	45884	45925	46341	1.63	cps
Thallium	205-1	112051	110436	113067	111852	1.19	cps
Tin	118-1	2209	2700	2459	2456	10.01	cps
Titanium	47-1	8654	8879	10202	9245	9.05	cps
Uranium	238-1	5243	4943	4734	4973	5.14	cps
Vanadium	51-2	29715	29495	29334	29515	0.65	cps
Yttrium	89-1	7218764	7216167	7105142	7180024	0.90	cps
Yttrium	89-2	171481	173726	174570	173259	0.92	cps
Zinc	66-2	7906	7662	7679	7749	1.75	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-03	Instrumnet Name :	P8
Client Sample ID :	MDAN84S	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:20:06	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2609	3531	2100	2747	26.41	cps
Zirconium	91-1	433	583	467	494	15.93	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-04	Instrumnet Name :	P8
Client Sample ID :	MDAN85	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:30:09	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6110	5910	6285	6102	3.08	cps
Antimony	121-1	1533	1508	1575	1539	2.19	cps
Arsenic	75-1	21670	21112	22024	21602	2.13	cps
Barium	135-1	21877	22478	22053	22136	1.40	cps
Barium	137-1	38574	38926	38791	38764	0.46	cps
Beryllium	9-1	106	144	122	124	15.72	cps
Bismuth	209-1	6307816	6392277	6418957	6373017	0.91	cps
Bismuth	209-2	1494291	1517094	1472943	1494776	1.48	cps
Boron	10-1	317	242	167	242	31.03	cps
Boron	11-1	950	817	942	903	8.27	cps
Cadmium	111-1	1039	946	1034	1006	5.18	cps
Cadmium	106-1	1292	1125	1275	1231	7.46	cps
Cadmium	108-1	46	29	42	39	22.30	cps
Calcium	43-1	55285	54306	53386	54325	1.75	cps
Calcium	44-1	888351	882377	885588	885439	0.34	cps
Chromium	52-2	13660	13590	13407	13552	0.97	cps
Cobalt	59-2	373	353	303	343	10.50	cps
Copper	63-2	18569	18466	18289	18441	0.77	cps
Dysprosium	156-1	1450	1900	1675	1675	13.43	cps
Dysprosium	156-2	353	293	330	326	9.29	cps
Erbium	164-1	1442	1492	1725	1553	9.74	cps
Erbium	164-2	287	267	240	264	8.85	cps
Gadolinium	160-1	1400	1392	1375	1389	0.92	cps
Gadolinium	160-2	347	387	357	363	5.73	cps
Holmium	165-1	9425352	9408090	9578562	9470668	0.99	cps
Holmium	165-2	1773957	1792869	1735042	1767289	1.67	cps
Indium	115-1	7287102	7275499	7321992	7294865	0.33	cps
Indium	115-2	239548	242928	235036	239171	1.66	cps
Iron	56-2	446352	452010	450443	449602	0.65	cps
Iron	57-2	11505	11583	11461	11516	0.54	cps
Krypton	83-1	200	270	227	232	15.21	cps
Lead	206-1	148603	151628	147772	149334	1.36	cps
Lead	207-1	124292	123641	124937	124290	0.52	cps
Lead	208-1	575469	582355	577439	578421	0.61	cps
Lithium	6-1	1226443	1201162	1232133	1219913	1.35	cps
Magnesium	24-2	5768	5435	5735	5646	3.25	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-04	Instrumnet Name :	P8
Client Sample ID :	MDAN85	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:30:09	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	5258	5501	5501	5420	2.59	cps
Molybdenum	94-1	2826	2901	3027	2918	3.48	cps
Molybdenum	95-1	500	450	467	472	5.39	cps
Molybdenum	96-1	1009	892	1067	989	9.01	cps
Molybdenum	97-1	283	317	292	297	5.84	cps
Molybdenum	98-1	909	767	908	861	9.50	cps
Neodymium	150-1	2387	2167	2274	2276	4.84	cps
Neodymium	150-2	300	253	273	276	8.50	cps
Nickel	60-2	840	790	807	812	3.13	cps
Phosphorus	31-2	58	42	42	47	20.38	cps
Potassium	39-2	1717	1934	1458	1703	13.97	cps
Rhodium	103-1	6630248	6511087	6656428	6599254	1.17	cps
Rhodium	103-2	1610066	1623940	1561216	1598407	2.06	cps
Scandium	45-1	3858406	3826419	3862195	3849007	0.51	cps
Scandium	45-2	24932	24482	24248	24554	1.42	cps
Selenium	77-2	3	7	0	3	100.05	cps
Selenium	78-2	4	2	2	2	43.30	cps
Selenium	82-1	41	-14	3	10	289.42	cps
Silicon	28-1	2023925	2372534	1999186	2131882	9.79	cps
Silver	109-1	392	517	500	469	14.46	cps
Silver	107-1	442	442	550	478	13.09	cps
Sodium	23-2	4292	4593	4009	4298	6.79	cps
Strontium	86-1	163854	159117	160644	161205	1.50	cps
Strontium	88-1	1445786	1403277	1400913	1416658	1.78	cps
Sulfur	34-1	252957	251065	247377	250466	1.13	cps
Terbium	159-1	9800199	9683469	9756370	9746679	0.60	cps
Terbium	159-2	1700393	1722116	1661630	1694713	1.81	cps
Thallium	203-1	325	383	242	317	22.48	cps
Thallium	205-1	542	600	475	539	11.61	cps
Tin	118-1	4559	4459	4601	4540	1.60	cps
Titanium	47-1	10106	10649	9830	10195	4.09	cps
Uranium	238-1	6035	6219	5927	6060	2.43	cps
Vanadium	51-2	1760	1687	1753	1733	2.34	cps
Yttrium	89-1	7346857	7280494	7349160	7325504	0.53	cps
Yttrium	89-2	175879	177038	171939	174952	1.53	cps
Zinc	66-2	3177	3127	3104	3136	1.20	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-04	Instrumnet Name :	P8
Client Sample ID :	MDAN85	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:30:09	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6688	6228	5910	6275	6.23	cps
Zirconium	91-1	1258	1250	1367	1292	5.04	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-05	Instrumnet Name :	P8
Client Sample ID :	MDAN86	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:33:30	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6577	6985	7135	6899	4.19	cps
Antimony	121-1	1242	1417	1575	1411	11.82	cps
Arsenic	75-1	33841	34196	32090	33376	3.38	cps
Barium	135-1	15743	16494	16386	16208	2.50	cps
Barium	137-1	27613	27763	27847	27741	0.43	cps
Beryllium	9-1	150	128	117	131	12.91	cps
Bismuth	209-1	6308254	6335958	6389971	6344728	0.66	cps
Bismuth	209-2	1491374	1479123	1449229	1473242	1.47	cps
Boron	10-1	150	225	167	181	21.81	cps
Boron	11-1	867	783	742	797	7.98	cps
Cadmium	111-1	934	1211	1007	1051	13.69	cps
Cadmium	106-1	1108	1483	1217	1270	15.20	cps
Cadmium	108-1	13	21	17	17	24.99	cps
Calcium	43-1	22586	22828	21826	22413	2.33	cps
Calcium	44-1	365956	361817	360470	362748	0.79	cps
Chromium	52-2	29515	29652	29281	29482	0.64	cps
Cobalt	59-2	307	250	380	312	20.87	cps
Copper	63-2	23781	24221	23797	23933	1.04	cps
Dysprosium	156-1	1458	1442	1517	1472	2.68	cps
Dysprosium	156-2	307	313	343	321	6.08	cps
Erbium	164-1	1784	1734	1500	1672	9.04	cps
Erbium	164-2	293	293	297	294	0.65	cps
Gadolinium	160-1	1342	1634	1717	1564	12.59	cps
Gadolinium	160-2	400	377	307	361	13.45	cps
Holmium	165-1	9320454	9433183	9385699	9379779	0.60	cps
Holmium	165-2	1770227	1757106	1703293	1743542	2.03	cps
Indium	115-1	7172387	7201378	7303821	7225862	0.96	cps
Indium	115-2	237486	234602	229619	233902	1.70	cps
Iron	56-2	474825	485494	475525	478614	1.25	cps
Iron	57-2	11939	12389	12044	12124	1.94	cps
Krypton	83-1	193	183	220	199	9.53	cps
Lead	206-1	260749	261548	261441	261246	0.17	cps
Lead	207-1	218179	219889	215352	217807	1.05	cps
Lead	208-1	1016429	1023184	1012758	1017457	0.52	cps
Lithium	6-1	1198753	1203597	1224267	1208873	1.12	cps
Magnesium	24-2	3542	3267	3384	3398	4.06	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-05	Instrumnet Name :	P8
Client Sample ID :	MDAN86	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:33:30	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3130	2920	2900	2984	4.27	cps
Molybdenum	94-1	3630	2442	2075	2716	29.92	cps
Molybdenum	95-1	733	758	775	756	2.78	cps
Molybdenum	96-1	1217	1092	1183	1164	5.56	cps
Molybdenum	97-1	542	442	467	483	10.77	cps
Molybdenum	98-1	1125	1125	1192	1147	3.36	cps
Neodymium	150-1	2034	1934	1613	1860	11.80	cps
Neodymium	150-2	237	223	173	211	15.82	cps
Nickel	60-2	830	850	810	830	2.41	cps
Phosphorus	31-2	17	17	17	17	0.00	cps
Potassium	39-2	1784	1792	1734	1770	1.78	cps
Rhodium	103-1	6617268	6655987	6569221	6614159	0.66	cps
Rhodium	103-2	1569426	1572538	1525359	1555774	1.70	cps
Scandium	45-1	3828851	3770524	3791668	3797014	0.78	cps
Scandium	45-2	24715	24288	23780	24261	1.93	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	0	0	6	2	173.21	cps
Selenium	82-1	18	-2	8	8	121.21	cps
Silicon	28-1	1843287	1979673	1643379	1822113	9.28	cps
Silver	109-1	308	508	392	403	24.94	cps
Silver	107-1	467	558	442	489	12.56	cps
Sodium	23-2	4893	5143	5001	5012	2.50	cps
Strontium	86-1	36182	38171	36818	37057	2.74	cps
Strontium	88-1	321920	317897	318930	319582	0.65	cps
Sulfur	34-1	244123	242361	237928	241471	1.32	cps
Terbium	159-1	9561180	9746400	9624529	9644036	0.98	cps
Terbium	159-2	1667631	1677459	1600276	1648455	2.55	cps
Thallium	203-1	283	208	192	228	21.44	cps
Thallium	205-1	608	483	533	542	11.62	cps
Tin	118-1	3467	3259	3934	3553	9.73	cps
Titanium	47-1	24861	13355	13849	17355	37.48	cps
Uranium	238-1	5118	5060	5218	5132	1.56	cps
Vanadium	51-2	1690	1637	1590	1639	3.05	cps
Yttrium	89-1	7221875	7203598	7268753	7231409	0.46	cps
Yttrium	89-2	173785	173886	168912	172194	1.65	cps
Zinc	66-2	3821	4001	3834	3885	2.58	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-05	Instrumnet Name :	P8
Client Sample ID :	MDAN86	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:33:30	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5010	4893	4734	4879	2.83	cps
Zirconium	91-1	867	1125	1117	1036	14.17	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-06	Instrumnet Name :	P8
Client Sample ID :	MDAN87	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:36:51	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6952	6227	6418	6532	5.75	cps
Antimony	121-1	1450	1342	1500	1431	5.66	cps
Arsenic	75-1	18855	17331	17924	18037	4.26	cps
Barium	135-1	24415	23747	24357	24173	1.53	cps
Barium	137-1	43665	42168	43088	42974	1.76	cps
Beryllium	9-1	178	83	122	128	37.14	cps
Bismuth	209-1	6191197	6294937	6281867	6256001	0.90	cps
Bismuth	209-2	1352146	1452614	1445631	1416797	3.96	cps
Boron	10-1	208	183	183	192	7.53	cps
Boron	11-1	842	875	825	847	3.01	cps
Cadmium	111-1	1074	1115	962	1050	7.52	cps
Cadmium	106-1	1292	1375	1133	1267	9.69	cps
Cadmium	108-1	25	21	21	22	10.84	cps
Calcium	43-1	39715	37426	39732	38958	3.41	cps
Calcium	44-1	635039	641912	634324	637092	0.66	cps
Chromium	52-2	14938	14628	14651	14739	1.17	cps
Cobalt	59-2	310	250	250	270	12.83	cps
Copper	63-2	19794	20028	19684	19835	0.89	cps
Dysprosium	156-1	1358	1117	1300	1258	10.02	cps
Dysprosium	156-2	247	183	210	213	14.90	cps
Erbium	164-1	1108	1033	1158	1100	5.72	cps
Erbium	164-2	187	190	173	183	4.81	cps
Gadolinium	160-1	1092	1350	1217	1220	10.60	cps
Gadolinium	160-2	327	217	300	281	20.41	cps
Holmium	165-1	9099001	9354523	9283386	9245637	1.43	cps
Holmium	165-2	1581029	1721556	1673297	1658628	4.30	cps
Indium	115-1	6972533	7156691	7113227	7080817	1.36	cps
Indium	115-2	216535	231947	228038	225507	3.55	cps
Iron	56-2	326483	322243	323891	324205	0.66	cps
Iron	57-2	8225	8297	8314	8279	0.57	cps
Krypton	83-1	257	180	217	218	17.61	cps
Lead	206-1	139451	140794	139895	140047	0.49	cps
Lead	207-1	117085	116956	118302	117447	0.63	cps
Lead	208-1	543515	544931	549636	546027	0.59	cps
Lithium	6-1	1182888	1174298	1186845	1181344	0.54	cps
Magnesium	24-2	5693	5635	5718	5682	0.75	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-06	Instrumnet Name :	P8
Client Sample ID :	MDAN87	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:36:51	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	5171	4788	4998	4985	3.85	cps
Molybdenum	94-1	2467	2442	2384	2431	1.75	cps
Molybdenum	95-1	633	483	675	597	16.88	cps
Molybdenum	96-1	1142	975	825	981	16.16	cps
Molybdenum	97-1	333	467	283	361	26.24	cps
Molybdenum	98-1	1025	1017	1050	1031	1.68	cps
Neodymium	150-1	1834	1867	1954	1885	3.29	cps
Neodymium	150-2	227	197	170	198	14.33	cps
Nickel	60-2	790	777	817	794	2.56	cps
Phosphorus	31-2	50	42	25	39	32.73	cps
Potassium	39-2	1900	1842	1784	1842	3.17	cps
Rhodium	103-1	6412902	6529310	6465802	6469338	0.90	cps
Rhodium	103-2	1440498	1537912	1528796	1502402	3.58	cps
Scandium	45-1	3664021	3766368	3723614	3718001	1.38	cps
Scandium	45-2	22368	23757	23403	23176	3.11	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	4	0	0	1	173.21	cps
Selenium	82-1	14	39	-20	11	278.49	cps
Silicon	28-1	1451054	1529054	1557593	1512567	3.65	cps
Silver	109-1	442	383	383	403	8.36	cps
Silver	107-1	333	325	417	358	14.15	cps
Sodium	23-2	4551	4759	5009	4773	4.81	cps
Strontium	86-1	91683	90289	92034	91335	1.01	cps
Strontium	88-1	796692	795635	801077	797801	0.36	cps
Sulfur	34-1	241674	239269	239655	240200	0.54	cps
Terbium	159-1	9451420	9582791	9624509	9552907	0.95	cps
Terbium	159-2	1537995	1622445	1629321	1596587	3.19	cps
Thallium	203-1	158	217	225	200	18.16	cps
Thallium	205-1	350	383	425	386	9.73	cps
Tin	118-1	4826	4526	5243	4865	7.40	cps
Titanium	47-1	9554	8880	9730	9388	4.78	cps
Uranium	238-1	4918	4784	5210	4971	4.37	cps
Vanadium	51-2	1287	1350	1290	1309	2.72	cps
Yttrium	89-1	7057332	7186577	7142506	7128805	0.92	cps
Yttrium	89-2	158433	168157	167489	164693	3.30	cps
Zinc	66-2	3887	3807	3494	3729	5.58	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-06	Instrumnet Name :	P8
Client Sample ID :	MDAN87	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:36:51	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5085	5268	5794	5382	6.84	cps
Zirconium	91-1	1275	1033	1384	1231	14.56	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-07	Instrumnet Name :	P8
Client Sample ID :	MDAN88	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:40:13	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	592	600	550	581	4.61	cps
Antimony	121-1	367	542	625	511	25.80	cps
Arsenic	75-1	994	528	940	821	31.04	cps
Barium	135-1	8153	7969	7861	7994	1.84	cps
Barium	137-1	14025	13658	13416	13699	2.24	cps
Beryllium	9-1	83	100	117	100	16.66	cps
Bismuth	209-1	6098492	6277053	6294150	6223232	1.74	cps
Bismuth	209-2	1473711	1428394	1454265	1452124	1.57	cps
Boron	10-1	133	117	125	125	6.67	cps
Boron	11-1	850	692	733	758	10.82	cps
Cadmium	111-1	899	876	960	912	4.72	cps
Cadmium	106-1	1233	1233	1325	1264	4.19	cps
Cadmium	108-1	8	29	38	25	60.10	cps
Calcium	43-1	10346	10454	9896	10232	2.90	cps
Calcium	44-1	167378	169057	172775	169737	1.63	cps
Chromium	52-2	2207	2070	1980	2086	5.48	cps
Cobalt	59-2	87	100	97	94	7.35	cps
Copper	63-2	1403	1333	1393	1377	2.75	cps
Dysprosium	156-1	300	392	383	358	14.15	cps
Dysprosium	156-2	47	67	50	54	19.68	cps
Erbium	164-1	283	183	283	250	23.10	cps
Erbium	164-2	37	30	53	40	30.04	cps
Gadolinium	160-1	308	358	358	342	8.45	cps
Gadolinium	160-2	57	73	120	83	39.41	cps
Holmium	165-1	8994283	9417161	9442689	9284711	2.71	cps
Holmium	165-2	1754856	1700970	1743049	1732958	1.63	cps
Indium	115-1	6988831	7166641	7156800	7104091	1.41	cps
Indium	115-2	240269	228754	235728	234917	2.47	cps
Iron	56-2	42812	41953	41574	42113	1.51	cps
Iron	57-2	889	1056	978	974	8.56	cps
Krypton	83-1	270	197	237	234	15.66	cps
Lead	206-1	35990	36358	36174	36174	0.51	cps
Lead	207-1	29474	31138	29680	30097	3.02	cps
Lead	208-1	139882	142233	143542	141886	1.31	cps
Lithium	6-1	1160343	1198816	1185308	1181489	1.65	cps
Magnesium	24-2	400	300	358	353	14.24	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-07	Instrumnet Name :	P8
Client Sample ID :	MDAN88	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:40:13	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	130	197	190	172	21.32	cps
Molybdenum	94-1	558	800	1210	856	38.46	cps
Molybdenum	95-1	208	117	350	225	52.25	cps
Molybdenum	96-1	233	267	367	289	24.02	cps
Molybdenum	97-1	117	175	183	158	22.94	cps
Molybdenum	98-1	325	275	275	292	9.90	cps
Neodymium	150-1	620	527	380	509	23.77	cps
Neodymium	150-2	67	60	43	57	21.21	cps
Nickel	60-2	800	923	823	849	7.72	cps
Phosphorus	31-2	17	0	0	6	173.21	cps
Potassium	39-2	1233	1233	1433	1300	8.88	cps
Rhodium	103-1	6255872	6503331	6503511	6420905	2.23	cps
Rhodium	103-2	1566857	1524199	1531019	1540692	1.49	cps
Scandium	45-1	3669759	3737788	3748114	3718553	1.14	cps
Scandium	45-2	24411	23747	24054	24071	1.38	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	0	0	0.00	cps
Selenium	82-1	-56	17	-28	-23	-164.25	cps
Silicon	28-1	1090153	1547980	2094591	1577574	31.88	cps
Silver	109-1	283	283	225	264	12.76	cps
Silver	107-1	408	517	350	425	19.92	cps
Sodium	23-2	4076	3926	3692	3898	4.96	cps
Strontium	86-1	11188	11447	11063	11233	1.74	cps
Strontium	88-1	94117	95988	97556	95887	1.80	cps
Sulfur	34-1	236590	238343	234430	236455	0.83	cps
Terbium	159-1	9382793	9635638	9711674	9576702	1.80	cps
Terbium	159-2	1686855	1624823	1647083	1652920	1.90	cps
Thallium	203-1	158	133	183	158	15.79	cps
Thallium	205-1	242	325	333	300	16.90	cps
Tin	118-1	1759	1784	1925	1822	4.93	cps
Titanium	47-1	9728	9722	23623	14358	55.89	cps
Uranium	238-1	1042	1075	1008	1042	3.20	cps
Vanadium	51-2	550	460	547	519	9.83	cps
Yttrium	89-1	6926432	7167786	7159422	7084547	1.93	cps
Yttrium	89-2	174019	166682	171097	170600	2.16	cps
Zinc	66-2	157	163	183	168	8.27	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-07	Instrumnet Name :	P8
Client Sample ID :	MDAN88	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:40:13	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	8481	4835	2737	5351	54.31	cps
Zirconium	91-1	358	383	417	386	7.58	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-08	Instrumnet Name :	P8
Client Sample ID :	MDAN89	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:43:34	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	342	367	458	389	15.80	cps
Antimony	121-1	517	458	450	475	7.65	cps
Arsenic	75-1	737	823	607	722	15.03	cps
Barium	135-1	5943	6129	6152	6075	1.88	cps
Barium	137-1	9721	10513	10863	10366	5.65	cps
Beryllium	9-1	67	78	67	70	9.11	cps
Bismuth	209-1	6190309	6279482	6078448	6182746	1.63	cps
Bismuth	209-2	1449766	1364061	1427825	1413884	3.15	cps
Boron	10-1	142	100	167	136	24.74	cps
Boron	11-1	608	525	483	539	11.81	cps
Cadmium	111-1	917	718	799	811	12.29	cps
Cadmium	106-1	1300	1025	1133	1153	12.02	cps
Cadmium	108-1	8	17	33	19	65.48	cps
Calcium	43-1	4759	4568	4376	4568	4.20	cps
Calcium	44-1	74046	74514	75445	74668	0.95	cps
Chromium	52-2	3260	3160	3450	3290	4.48	cps
Cobalt	59-2	133	107	90	110	19.87	cps
Copper	63-2	680	660	590	643	7.35	cps
Dysprosium	156-1	275	308	358	314	13.36	cps
Dysprosium	156-2	37	53	57	49	21.91	cps
Erbium	164-1	208	150	183	181	16.21	cps
Erbium	164-2	30	50	30	37	31.49	cps
Gadolinium	160-1	283	200	258	247	17.30	cps
Gadolinium	160-2	37	43	60	47	25.75	cps
Holmium	165-1	9332005	9392618	9245058	9323227	0.80	cps
Holmium	165-2	1755818	1616003	1705633	1692484	4.18	cps
Indium	115-1	7148304	7130692	7073643	7117547	0.55	cps
Indium	115-2	234884	220449	229153	228162	3.19	cps
Iron	56-2	24172	21684	28246	24700	13.41	cps
Iron	57-2	500	611	633	582	12.29	cps
Krypton	83-1	207	180	237	208	13.64	cps
Lead	206-1	26511	26834	26990	26779	0.91	cps
Lead	207-1	22242	22170	21970	22127	0.64	cps
Lead	208-1	103477	103600	103343	103474	0.12	cps
Lithium	6-1	1188783	1197622	1156850	1181085	1.82	cps
Magnesium	24-2	217	233	300	250	17.64	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-08	Instrumnet Name :	P8
Client Sample ID :	MDAN89	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:43:34	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	193	150	133	159	19.50	cps
Molybdenum	94-1	1606	1143	1786	1511	21.96	cps
Molybdenum	95-1	200	233	175	203	14.43	cps
Molybdenum	96-1	275	333	375	328	15.32	cps
Molybdenum	97-1	150	225	200	192	19.93	cps
Molybdenum	98-1	325	350	417	364	13.02	cps
Neodymium	150-1	573	533	500	536	6.86	cps
Neodymium	150-2	37	53	43	44	18.87	cps
Nickel	60-2	1193	1303	1193	1230	5.16	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	1208	1333	1167	1236	7.02	cps
Rhodium	103-1	6464351	6516901	6460038	6480430	0.49	cps
Rhodium	103-2	1571246	1430741	1535597	1512528	4.83	cps
Scandium	45-1	3722198	3743234	3719500	3728311	0.35	cps
Scandium	45-2	24766	22989	23587	23780	3.80	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	6	2	114.63	cps
Selenium	82-1	29	25	-39	5	768.87	cps
Silicon	28-1	1664422	992558	985804	1214261	32.11	cps
Silver	109-1	300	275	350	308	12.38	cps
Silver	107-1	342	417	375	378	9.95	cps
Sodium	23-2	3742	3451	3426	3539	4.98	cps
Strontium	86-1	5085	4759	5160	5001	4.25	cps
Strontium	88-1	41635	41640	42133	41803	0.68	cps
Sulfur	34-1	236929	238334	238674	237979	0.39	cps
Terbium	159-1	9564231	9709940	9620328	9631500	0.76	cps
Terbium	159-2	1677407	1532096	1644121	1617875	4.71	cps
Thallium	203-1	183	200	100	161	33.25	cps
Thallium	205-1	258	225	308	264	15.89	cps
Tin	118-1	1642	1450	1533	1542	6.23	cps
Titanium	47-1	37895	11958	8178	19344	83.63	cps
Uranium	238-1	517	717	533	589	18.84	cps
Vanadium	51-2	350	343	303	332	7.60	cps
Yttrium	89-1	7076038	7228631	7120603	7141757	1.10	cps
Yttrium	89-2	171552	160717	167977	166749	3.31	cps
Zinc	66-2	117	83	103	101	16.60	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-08	Instrumnet Name :	P8
Client Sample ID :	MDAN89	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:43:34	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1342	1242	1267	1284	4.06	cps
Zirconium	91-1	333	383	450	389	15.06	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-09	Instrumnet Name :	P8
Client Sample ID :	MDAN90	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:46:54	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5826	5952	5326	5701	5.80	cps
Antimony	121-1	1625	1742	1692	1686	3.47	cps
Arsenic	75-1	27626	26975	27418	27340	1.22	cps
Barium	135-1	27880	27146	27037	27354	1.68	cps
Barium	137-1	48373	46249	47554	47392	2.26	cps
Beryllium	9-1	189	106	133	143	29.76	cps
Bismuth	209-1	2518304	6350063	6274443	5047604	43.40	cps
Bismuth	209-2	1471293	1484697	1493394	1483128	0.75	cps
Boron	10-1	108	167	167	147	22.87	cps
Boron	11-1	775	1008	1025	936	14.93	cps
Cadmium	111-1	630	994	1101	909	27.19	cps
Cadmium	106-1	500	1125	1183	936	40.47	cps
Cadmium	108-1	17	50	21	29	62.27	cps
Calcium	43-1	55720	54315	53537	54524	2.03	cps
Calcium	44-1	911741	866424	872809	883658	2.78	cps
Chromium	52-2	21600	21089	21193	21294	1.27	cps
Cobalt	59-2	497	397	423	439	11.80	cps
Copper	63-2	25687	25420	26465	25858	2.10	cps
Dysprosium	156-1	1150	1358	1534	1347	14.25	cps
Dysprosium	156-2	300	270	253	274	8.62	cps
Erbium	164-1	1175	1267	1150	1197	5.13	cps
Erbium	164-2	217	210	220	216	2.36	cps
Gadolinium	160-1	1167	1300	1233	1233	5.41	cps
Gadolinium	160-2	270	287	243	267	8.20	cps
Holmium	165-1	3683625	9385879	9348949	7472818	43.91	cps
Holmium	165-2	1705749	1714461	1754294	1724835	1.50	cps
Indium	115-1	2791382	7214477	7087823	5697894	44.19	cps
Indium	115-2	232954	232868	237518	234447	1.13	cps
Iron	56-2	346629	343353	344644	344875	0.48	cps
Iron	57-2	8664	8847	9037	8849	2.10	cps
Krypton	83-1	443	257	283	328	30.80	cps
Lead	206-1	190030	179619	179669	183106	3.27	cps
Lead	207-1	155988	148285	149975	151416	2.67	cps
Lead	208-1	729403	695234	699975	708204	2.61	cps
Lithium	6-1	527901	1192468	1188849	969739	39.46	cps
Magnesium	24-2	8069	7686	7744	7833	2.64	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-09	Instrumnet Name :	P8
Client Sample ID :	MDAN90	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:46:54	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	7599	8022	7842	7821	2.72	cps
Molybdenum	94-1	3611	2992	2809	3137	13.39	cps
Molybdenum	95-1	483	542	592	539	10.06	cps
Molybdenum	96-1	1025	1033	1050	1036	1.23	cps
Molybdenum	97-1	375	333	367	358	6.15	cps
Molybdenum	98-1	833	900	858	864	3.90	cps
Neodymium	150-1	2134	1994	2120	2082	3.71	cps
Neodymium	150-2	230	253	180	221	16.95	cps
Nickel	60-2	917	1017	990	974	5.31	cps
Phosphorus	31-2	58	42	33	44	28.65	cps
Potassium	39-2	1859	1867	2150	1959	8.48	cps
Rhodium	103-1	2508425	6599504	6395859	5167929	44.61	cps
Rhodium	103-2	1565923	1547637	1584215	1565925	1.17	cps
Scandium	45-1	1338523	3707500	3697115	2914379	46.83	cps
Scandium	45-2	23870	23787	24285	23981	1.11	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	4	2	2	100.00	cps
Selenium	82-1	-37	24	-65	-26	-173.02	cps
Silicon	28-1	1447462	1726794	1609797	1594684	8.80	cps
Silver	109-1	492	442	433	456	6.93	cps
Silver	107-1	550	500	650	567	13.48	cps
Sodium	23-2	3976	3859	3901	3912	1.51	cps
Strontium	86-1	155823	149596	148602	151340	2.59	cps
Strontium	88-1	1352261	1292589	1286945	1310598	2.76	cps
Sulfur	34-1	240539	243009	245615	243054	1.04	cps
Terbium	159-1	3799359	9672057	9606043	7692486	43.83	cps
Terbium	159-2	1638787	1652273	1686227	1659096	1.47	cps
Thallium	203-1	250	175	200	208	18.33	cps
Thallium	205-1	333	458	533	442	22.88	cps
Tin	118-1	5418	5251	5326	5332	1.57	cps
Titanium	47-1	13579	45110	11522	23404	80.44	cps
Uranium	238-1	4935	5226	5001	5054	3.03	cps
Vanadium	51-2	1190	1273	1277	1247	3.94	cps
Yttrium	89-1	2782022	7289428	7069311	5713587	44.48	cps
Yttrium	89-2	169622	170241	173531	171131	1.23	cps
Zinc	66-2	5898	5878	5691	5822	1.96	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-09	Instrumnet Name :	P8
Client Sample ID :	MDAN90	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:46:54	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	7002	6885	7744	7211	6.46	cps
Zirconium	91-1	1767	1517	1458	1581	10.37	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-10	Instrumnet Name :	P8
Client Sample ID :	MDAN91	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:50:16	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4734	4351	4509	4531	4.25	cps
Antimony	121-1	1709	1792	1650	1717	4.15	cps
Arsenic	75-1	20524	20735	20724	20661	0.57	cps
Barium	135-1	24265	24440	25425	24710	2.53	cps
Barium	137-1	41316	42185	41801	41767	1.04	cps
Beryllium	9-1	183	139	139	154	16.70	cps
Bismuth	209-1	6383177	6347566	6437111	6389285	0.71	cps
Bismuth	209-2	1465089	1488397	1494532	1482673	1.05	cps
Boron	10-1	200	250	242	231	11.62	cps
Boron	11-1	800	958	892	883	9.00	cps
Cadmium	111-1	1164	1060	1158	1127	5.16	cps
Cadmium	106-1	1200	1050	1258	1170	9.19	cps
Cadmium	108-1	38	42	33	38	11.12	cps
Calcium	43-1	62281	62909	63134	62775	0.70	cps
Calcium	44-1	1016305	1031612	1032192	1026703	0.88	cps
Chromium	52-2	16256	16684	16316	16419	1.41	cps
Cobalt	59-2	367	327	387	360	8.49	cps
Copper	63-2	24084	24342	23704	24043	1.33	cps
Dysprosium	156-1	1675	1367	1484	1509	10.32	cps
Dysprosium	156-2	287	317	233	279	15.13	cps
Erbium	164-1	1484	1367	1400	1417	4.24	cps
Erbium	164-2	283	217	197	232	19.54	cps
Gadolinium	160-1	1567	1233	1342	1381	12.32	cps
Gadolinium	160-2	320	310	323	318	2.18	cps
Holmium	165-1	9413272	9324831	9458870	9398991	0.73	cps
Holmium	165-2	1713893	1729101	1753417	1732137	1.15	cps
Indium	115-1	7153463	7157795	7066539	7125932	0.72	cps
Indium	115-2	230609	235322	232827	232919	1.01	cps
Iron	56-2	333255	332967	333128	333117	0.04	cps
Iron	57-2	8381	8197	8258	8279	1.13	cps
Krypton	83-1	210	287	210	236	18.79	cps
Lead	206-1	214768	215262	213894	214641	0.32	cps
Lead	207-1	179619	179688	179941	179749	0.09	cps
Lead	208-1	831026	837912	837665	835534	0.47	cps
Lithium	6-1	1199409	1204419	1202076	1201968	0.21	cps
Magnesium	24-2	5351	5593	5510	5485	2.24	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-10	Instrumnet Name :	P8
Client Sample ID :	MDAN91	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:50:16	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4264	4377	4287	4310	1.39	cps
Molybdenum	94-1	2125	2325	2142	2198	5.05	cps
Molybdenum	95-1	275	342	392	336	17.41	cps
Molybdenum	96-1	667	908	783	786	15.37	cps
Molybdenum	97-1	383	300	317	333	13.23	cps
Molybdenum	98-1	525	550	617	564	8.41	cps
Neodymium	150-1	2007	2267	1767	2014	12.42	cps
Neodymium	150-2	257	230	200	229	12.39	cps
Nickel	60-2	1070	1030	960	1020	5.46	cps
Phosphorus	31-2	33	25	58	39	44.62	cps
Potassium	39-2	1759	1650	1809	1739	4.65	cps
Rhodium	103-1	6591889	6499808	6548826	6546841	0.70	cps
Rhodium	103-2	1533659	1545060	1538638	1539119	0.37	cps
Scandium	45-1	3754360	3720616	3689529	3721501	0.87	cps
Scandium	45-2	23537	23654	23543	23578	0.28	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	2	0	0	1	173.21	cps
Selenium	82-1	11	-64	26	-9	-524.74	cps
Silicon	28-1	1604271	1555147	1570632	1576683	1.59	cps
Silver	109-1	500	542	492	511	5.24	cps
Silver	107-1	450	600	458	503	16.77	cps
Sodium	23-2	4701	4451	4067	4406	7.24	cps
Strontium	86-1	88764	86499	88419	87894	1.39	cps
Strontium	88-1	754611	761758	755518	757296	0.51	cps
Sulfur	34-1	243078	242886	243783	243249	0.19	cps
Terbium	159-1	9727925	9662955	9731279	9707386	0.40	cps
Terbium	159-2	1634706	1677848	1658869	1657141	1.30	cps
Thallium	203-1	150	150	183	161	11.94	cps
Thallium	205-1	367	442	550	453	20.36	cps
Tin	118-1	6727	6560	6860	6716	2.24	cps
Titanium	47-1	13515	9604	9896	11005	19.80	cps
Uranium	238-1	4151	4276	4226	4218	1.49	cps
Vanadium	51-2	1230	1120	1157	1169	4.79	cps
Yttrium	89-1	7229087	7179498	7119871	7176152	0.76	cps
Yttrium	89-2	169154	169581	169461	169399	0.13	cps
Zinc	66-2	3961	3911	3951	3941	0.67	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-10	Instrumnet Name :	P8
Client Sample ID :	MDAN91	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:50:16	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5743	5661	5819	5741	1.38	cps
Zirconium	91-1	1225	1358	1108	1231	10.17	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-11	Instrumnet Name :	P8
Client Sample ID :	MDAN92	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:53:38	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3351	3642	3267	3420	5.76	cps
Antimony	121-1	1042	1058	1358	1153	15.46	cps
Arsenic	75-1	8347	8099	8151	8199	1.59	cps
Barium	135-1	19206	20016	18756	19326	3.30	cps
Barium	137-1	32716	33836	32658	33070	2.01	cps
Beryllium	9-1	106	122	139	122	13.63	cps
Bismuth	209-1	6452892	6293205	6537026	6427708	1.93	cps
Bismuth	209-2	1486228	1491846	1480985	1486353	0.37	cps
Boron	10-1	133	192	142	156	20.28	cps
Boron	11-1	817	908	725	817	11.22	cps
Cadmium	111-1	1087	1045	1181	1104	6.32	cps
Cadmium	106-1	1242	1208	1325	1258	4.78	cps
Cadmium	108-1	17	25	13	18	35.25	cps
Calcium	43-1	44187	43752	44229	44056	0.60	cps
Calcium	44-1	715063	718760	715733	716519	0.27	cps
Chromium	52-2	5791	5438	6045	5758	5.30	cps
Cobalt	59-2	240	217	300	252	17.05	cps
Copper	63-2	11258	11805	11271	11445	2.73	cps
Dysprosium	156-1	883	1092	925	967	11.40	cps
Dysprosium	156-2	187	153	187	176	10.96	cps
Erbium	164-1	800	1025	1033	953	13.89	cps
Erbium	164-2	213	147	187	182	18.41	cps
Gadolinium	160-1	933	942	1058	978	7.15	cps
Gadolinium	160-2	213	210	190	204	6.17	cps
Holmium	165-1	9443240	9268349	9425649	9379080	1.03	cps
Holmium	165-2	1740301	1733243	1718302	1730615	0.65	cps
Indium	115-1	7239187	7014004	7229658	7160950	1.78	cps
Indium	115-2	234280	234679	231252	233404	0.80	cps
Iron	56-2	260009	258126	259212	259116	0.36	cps
Iron	57-2	6535	6580	6385	6500	1.57	cps
Krypton	83-1	253	237	210	233	9.37	cps
Lead	206-1	203118	205385	207129	205211	0.98	cps
Lead	207-1	171122	170402	172438	171321	0.60	cps
Lead	208-1	791729	796489	802295	796837	0.66	cps
Lithium	6-1	1203758	1192848	1197602	1198069	0.46	cps
Magnesium	24-2	4568	4734	4543	4615	2.26	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-11	Instrumnet Name :	P8
Client Sample ID :	MDAN92	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:53:38	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3407	3400	3290	3366	1.95	cps
Molybdenum	94-1	1825	2067	2159	2017	8.54	cps
Molybdenum	95-1	242	300	417	319	27.89	cps
Molybdenum	96-1	808	600	700	703	14.83	cps
Molybdenum	97-1	208	225	275	236	14.69	cps
Molybdenum	98-1	575	583	558	572	2.22	cps
Neodymium	150-1	1473	1507	1380	1453	4.52	cps
Neodymium	150-2	150	150	167	156	6.19	cps
Nickel	60-2	743	887	750	793	10.20	cps
Phosphorus	31-2	17	58	17	31	78.72	cps
Potassium	39-2	1817	1508	1684	1670	9.26	cps
Rhodium	103-1	6607760	6432437	6601296	6547164	1.52	cps
Rhodium	103-2	1550631	1554631	1556534	1553932	0.19	cps
Scandium	45-1	3775953	3655177	3757466	3729532	1.74	cps
Scandium	45-2	24278	23560	23784	23874	1.54	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	0	2	2	1	86.60	cps
Selenium	82-1	-37	-12	38	-4	-1034.74	cps
Silicon	28-1	1190995	1400947	1122650	1238197	11.71	cps
Silver	109-1	458	517	383	453	14.76	cps
Silver	107-1	525	525	500	517	2.79	cps
Sodium	23-2	3884	3442	3792	3706	6.29	cps
Strontium	86-1	98974	99192	100066	99411	0.58	cps
Strontium	88-1	860010	854171	861829	858670	0.47	cps
Sulfur	34-1	244503	245342	244453	244766	0.20	cps
Terbium	159-1	9746087	9567241	9836137	9716488	1.41	cps
Terbium	159-2	1681268	1677494	1659043	1672601	0.71	cps
Thallium	203-1	242	217	117	192	34.51	cps
Thallium	205-1	325	350	342	339	3.76	cps
Tin	118-1	4343	4793	4859	4665	6.03	cps
Titanium	47-1	9938	11044	7828	9603	17.02	cps
Uranium	238-1	3426	3676	3267	3456	5.96	cps
Vanadium	51-2	1310	1243	1087	1213	9.45	cps
Yttrium	89-1	7265575	7051709	7283862	7200382	1.79	cps
Yttrium	89-2	171772	172340	169916	171343	0.74	cps
Zinc	66-2	2400	2427	2360	2396	1.40	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-11	Instrumnet Name :	P8
Client Sample ID :	MDAN92	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:53:38	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4977	4543	4886	4802	4.77	cps
Zirconium	91-1	1150	1384	1092	1209	12.80	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-12	Instrumnet Name :	P8
Client Sample ID :	MDAN93	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:56:59	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3534	3259	3559	3451	4.83	cps
Antimony	121-1	1083	1050	1092	1075	2.05	cps
Arsenic	75-1	7922	7188	9023	8044	11.48	cps
Barium	135-1	17879	17395	18247	17841	2.39	cps
Barium	137-1	30344	30336	30661	30447	0.61	cps
Beryllium	9-1	144	111	139	131	13.58	cps
Bismuth	209-1	6402433	6312799	6478256	6397829	1.29	cps
Bismuth	209-2	1486236	1488691	1458695	1477874	1.13	cps
Boron	10-1	158	133	142	144	8.81	cps
Boron	11-1	642	717	592	650	9.68	cps
Cadmium	111-1	1089	1022	1051	1054	3.21	cps
Cadmium	106-1	1283	1175	1225	1228	4.42	cps
Cadmium	108-1	25	25	46	32	37.65	cps
Calcium	43-1	40192	40835	40117	40381	0.98	cps
Calcium	44-1	659670	657667	654346	657228	0.41	cps
Chromium	52-2	5748	5551	5334	5545	3.73	cps
Cobalt	59-2	237	327	233	266	19.94	cps
Copper	63-2	10884	10644	10251	10593	3.02	cps
Dysprosium	156-1	867	1033	1008	970	9.27	cps
Dysprosium	156-2	170	190	203	188	8.93	cps
Erbium	164-1	917	850	825	864	5.49	cps
Erbium	164-2	157	113	100	123	24.02	cps
Gadolinium	160-1	958	767	825	850	11.56	cps
Gadolinium	160-2	247	197	187	210	15.31	cps
Holmium	165-1	9455871	9311786	9341839	9369832	0.81	cps
Holmium	165-2	1740579	1739130	1716122	1731944	0.79	cps
Indium	115-1	7224575	7064769	7213077	7167474	1.24	cps
Indium	115-2	235081	235199	228544	232942	1.64	cps
Iron	56-2	255670	255476	254884	255343	0.16	cps
Iron	57-2	6202	6368	6441	6337	1.93	cps
Krypton	83-1	223	223	200	216	6.25	cps
Lead	206-1	206807	206633	204893	206111	0.51	cps
Lead	207-1	173019	174078	172120	173072	0.57	cps
Lead	208-1	800973	805066	804465	803501	0.28	cps
Lithium	6-1	1203670	1201846	1206553	1204023	0.20	cps
Magnesium	24-2	4534	4484	4276	4431	3.09	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-12	Instrumnet Name :	P8
Client Sample ID :	MDAN93	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:56:59	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3184	3247	3180	3204	1.17	cps
Molybdenum	94-1	1867	2050	1717	1878	8.89	cps
Molybdenum	95-1	408	392	492	431	12.44	cps
Molybdenum	96-1	717	842	800	786	8.10	cps
Molybdenum	97-1	233	267	267	256	7.53	cps
Molybdenum	98-1	617	542	717	625	14.05	cps
Neodymium	150-1	1553	1480	1333	1456	7.70	cps
Neodymium	150-2	147	207	137	163	23.18	cps
Nickel	60-2	887	793	893	858	6.52	cps
Phosphorus	31-2	17	17	50	28	69.27	cps
Potassium	39-2	1467	1767	1667	1634	9.35	cps
Rhodium	103-1	6550097	6502160	6589726	6547328	0.67	cps
Rhodium	103-2	1560340	1576963	1512627	1549977	2.15	cps
Scandium	45-1	3787596	3685881	3741743	3738407	1.36	cps
Scandium	45-2	23683	23497	23437	23539	0.55	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	0	0	0	0	0.00	cps
Selenium	82-1	-22	-34	14	-14	-174.13	cps
Silicon	28-1	1154433	1186048	1004499	1114993	8.70	cps
Silver	109-1	358	600	392	450	29.11	cps
Silver	107-1	433	483	542	486	11.15	cps
Sodium	23-2	3659	3626	3617	3634	0.61	cps
Strontium	86-1	94308	94560	92194	93687	1.39	cps
Strontium	88-1	800501	818591	808403	809165	1.12	cps
Sulfur	34-1	239114	242775	239335	240408	0.85	cps
Terbium	159-1	9700304	9609115	9810127	9706515	1.04	cps
Terbium	159-2	1680742	1667099	1609714	1652519	2.28	cps
Thallium	203-1	142	108	208	153	33.33	cps
Thallium	205-1	242	333	308	294	16.09	cps
Tin	118-1	6185	4684	5151	5340	14.38	cps
Titanium	47-1	8584	7828	7386	7933	7.63	cps
Uranium	238-1	3209	3467	3292	3323	3.97	cps
Vanadium	51-2	1323	1240	1263	1276	3.37	cps
Yttrium	89-1	7147796	7161696	7283462	7197651	1.04	cps
Yttrium	89-2	170687	170654	166279	169207	1.50	cps
Zinc	66-2	2397	2334	2330	2354	1.60	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-12	Instrumnet Name :	P8
Client Sample ID :	MDAN93	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 19:56:59	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5035	9687	4619	6447	43.64	cps
Zirconium	91-1	1300	967	1067	1111	15.40	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-13	Instrumnet Name :	P8
Client Sample ID :	MDAN94	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:00:21	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16410	16277	16235	16307	0.56	cps
Antimony	121-1	1317	975	1350	1214	17.10	cps
Arsenic	75-1	1429	1651	1475	1518	7.73	cps
Barium	135-1	14717	14625	14417	14586	1.06	cps
Barium	137-1	24766	25117	25726	25203	1.93	cps
Beryllium	9-1	78	150	89	106	36.84	cps
Bismuth	209-1	6223715	6267054	6245873	6245547	0.35	cps
Bismuth	209-2	1445193	1446492	1434375	1442020	0.46	cps
Boron	10-1	242	192	192	208	13.86	cps
Boron	11-1	700	642	767	703	8.90	cps
Cadmium	111-1	795	889	858	847	5.67	cps
Cadmium	106-1	1067	1208	1133	1136	6.24	cps
Cadmium	108-1	21	4	8	11	78.05	cps
Calcium	43-1	20958	21667	21517	21381	1.75	cps
Calcium	44-1	345019	349136	344678	346278	0.72	cps
Chromium	52-2	2837	2934	2884	2885	1.68	cps
Cobalt	59-2	283	283	313	293	5.90	cps
Copper	63-2	1873	1857	1810	1847	1.78	cps
Dysprosium	156-1	1567	1609	1675	1617	3.38	cps
Dysprosium	156-2	253	250	277	260	5.59	cps
Erbium	164-1	1225	1183	1158	1189	2.83	cps
Erbium	164-2	187	187	157	177	9.80	cps
Gadolinium	160-1	1425	1217	1383	1342	8.22	cps
Gadolinium	160-2	373	290	283	316	15.89	cps
Holmium	165-1	9286237	9323771	9242536	9284181	0.44	cps
Holmium	165-2	1709390	1694706	1676995	1693697	0.96	cps
Indium	115-1	6957612	7059764	6918599	6978658	1.04	cps
Indium	115-2	229385	227497	223143	226675	1.41	cps
Iron	56-2	159114	159351	158789	159084	0.18	cps
Iron	57-2	3984	4084	3867	3978	2.73	cps
Krypton	83-1	263	257	247	256	3.28	cps
Lead	206-1	45688	46642	47154	46495	1.60	cps
Lead	207-1	38286	38403	38776	38489	0.67	cps
Lead	208-1	180037	179713	181892	180547	0.65	cps
Lithium	6-1	1170648	1193366	1185682	1183232	0.98	cps
Magnesium	24-2	833	800	733	789	6.46	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-13	Instrumnet Name :	P8
Client Sample ID :	MDAN94	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:00:21	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	323	260	220	268	19.46	cps
Molybdenum	94-1	1959	2585	2117	2220	14.66	cps
Molybdenum	95-1	175	267	150	197	31.14	cps
Molybdenum	96-1	2635	600	517	1251	95.93	cps
Molybdenum	97-1	217	142	167	175	21.82	cps
Molybdenum	98-1	417	333	392	381	11.24	cps
Neodymium	150-1	2647	2347	2474	2489	6.05	cps
Neodymium	150-2	233	263	290	262	10.81	cps
Nickel	60-2	763	857	867	829	6.88	cps
Phosphorus	31-2	8	8	8	8	0.00	cps
Potassium	39-2	1242	1317	1258	1272	3.10	cps
Rhodium	103-1	6403505	6412792	6345811	6387369	0.57	cps
Rhodium	103-2	1548770	1545594	1496144	1530169	1.93	cps
Scandium	45-1	3636598	3736405	3702886	3691963	1.38	cps
Scandium	45-2	22932	24201	22702	23278	3.47	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	0	2	0	1	173.21	cps
Selenium	82-1	-36	-64	-20	-40	-56.40	cps
Silicon	28-1	3992477	4251389	4127811	4123892	3.14	cps
Silver	109-1	275	175	350	267	32.92	cps
Silver	107-1	308	258	283	283	8.82	cps
Sodium	23-2	3384	3284	3576	3414	4.34	cps
Strontium	86-1	8320	8995	8495	8603	4.07	cps
Strontium	88-1	71789	75232	72963	73328	2.39	cps
Sulfur	34-1	237122	229485	224582	230396	2.74	cps
Terbium	159-1	9481298	9645210	9468224	9531577	1.03	cps
Terbium	159-2	1640438	1609071	1593724	1614411	1.47	cps
Thallium	203-1	108	142	167	139	21.07	cps
Thallium	205-1	333	233	292	286	17.56	cps
Tin	118-1	2200	1842	2317	2120	11.68	cps
Titanium	47-1	20399	12069	34802	22424	51.29	cps
Uranium	238-1	4626	4726	4468	4607	2.83	cps
Vanadium	51-2	953	1090	1033	1026	6.70	cps
Yttrium	89-1	7007876	7118206	7011682	7045921	0.89	cps
Yttrium	89-2	167702	168036	163523	166420	1.51	cps
Zinc	66-2	1807	1870	1873	1850	2.03	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-13	Instrumnet Name :	P8
Client Sample ID :	MDAN94	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:00:21	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6378	6538	6764	6560	2.96	cps
Zirconium	91-1	1033	3425	1092	1850	73.74	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-14	Instrumnet Name :	P8
Client Sample ID :	MDAN95	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:03:43	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10796	11547	11955	11433	5.14	cps
Antimony	121-1	667	758	683	703	6.95	cps
Arsenic	75-1	985	348	618	650	49.11	cps
Barium	135-1	3959	4185	4084	4076	2.77	cps
Barium	137-1	7444	7378	6685	7169	5.86	cps
Beryllium	9-1	83	89	139	104	29.50	cps
Bismuth	209-1	6249181	6279854	6345451	6291495	0.78	cps
Bismuth	209-2	1449966	1420982	1455321	1442090	1.28	cps
Boron	10-1	183	133	108	142	26.96	cps
Boron	11-1	483	517	600	533	11.27	cps
Cadmium	111-1	839	778	713	777	8.10	cps
Cadmium	106-1	1150	1092	992	1078	7.43	cps
Cadmium	108-1	17	33	8	19	65.47	cps
Calcium	43-1	8078	8486	8336	8300	2.49	cps
Calcium	44-1	134724	133226	131889	133280	1.06	cps
Chromium	52-2	3080	3167	2917	3055	4.16	cps
Cobalt	59-2	393	330	353	359	8.93	cps
Copper	63-2	480	510	483	491	3.35	cps
Dysprosium	156-1	1900	1942	1575	1806	11.12	cps
Dysprosium	156-2	340	370	297	336	10.99	cps
Erbium	164-1	1509	1275	1300	1361	9.41	cps
Erbium	164-2	173	187	220	193	12.43	cps
Gadolinium	160-1	1767	1584	1617	1656	5.90	cps
Gadolinium	160-2	420	340	370	377	10.73	cps
Holmium	165-1	9226132	9303976	9336561	9288890	0.61	cps
Holmium	165-2	1674625	1662115	1714889	1683876	1.64	cps
Indium	115-1	6961701	7068624	7053504	7027943	0.82	cps
Indium	115-2	231838	221430	230563	227944	2.49	cps
Iron	56-2	110537	107614	107190	108447	1.68	cps
Iron	57-2	2800	2845	2817	2821	0.80	cps
Krypton	83-1	180	260	183	208	21.78	cps
Lead	206-1	27452	26183	26083	26573	2.87	cps
Lead	207-1	22454	21970	22415	22279	1.21	cps
Lead	208-1	104993	103217	104388	104199	0.87	cps
Lithium	6-1	1179503	1196303	1206276	1194027	1.13	cps
Magnesium	24-2	617	867	833	772	17.58	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-14	Instrumnet Name :	P8
Client Sample ID :	MDAN95	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:03:43	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	137	137	83	119	25.90	cps
Molybdenum	94-1	1792	2610	3292	2565	29.29	cps
Molybdenum	95-1	400	258	208	289	34.47	cps
Molybdenum	96-1	583	600	675	620	7.90	cps
Molybdenum	97-1	192	208	225	208	8.00	cps
Molybdenum	98-1	292	333	475	367	26.21	cps
Neodymium	150-1	2880	3187	2800	2956	6.91	cps
Neodymium	150-2	357	327	283	322	11.44	cps
Nickel	60-2	1123	950	1100	1058	8.89	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	1317	1642	1492	1483	10.97	cps
Rhodium	103-1	6360572	6495945	6437721	6431413	1.06	cps
Rhodium	103-2	1552872	1485839	1517937	1518883	2.21	cps
Scandium	45-1	3655843	3662430	3688271	3668848	0.47	cps
Scandium	45-2	23183	22815	22996	22998	0.80	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	0	2	0	1	173.21	cps
Selenium	82-1	60	-50	48	19	317.03	cps
Silicon	28-1	2785366	3204129	2765324	2918273	8.49	cps
Silver	109-1	242	275	242	253	7.61	cps
Silver	107-1	308	250	258	272	11.59	cps
Sodium	23-2	3359	3542	2925	3276	9.67	cps
Strontium	86-1	5143	4884	5060	5029	2.62	cps
Strontium	88-1	61350	41724	40294	47789	24.62	cps
Sulfur	34-1	219995	215593	217269	217619	1.02	cps
Terbium	159-1	9564346	9657134	9602197	9607892	0.49	cps
Terbium	159-2	1635556	1577000	1630122	1614226	2.00	cps
Thallium	203-1	92	117	125	111	15.61	cps
Thallium	205-1	358	300	183	281	31.76	cps
Tin	118-1	1475	1600	1717	1597	7.57	cps
Titanium	47-1	8908	10345	9125	9459	8.19	cps
Uranium	238-1	4576	4168	4051	4265	6.47	cps
Vanadium	51-2	997	997	1083	1026	4.88	cps
Yttrium	89-1	6977373	7051252	6999361	7009329	0.54	cps
Yttrium	89-2	166685	162895	165295	164958	1.16	cps
Zinc	66-2	113	103	113	110	5.25	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-14	Instrumnet Name :	P8
Client Sample ID :	MDAN95	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:03:43	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6890	6015	6383	6429	6.83	cps
Zirconium	91-1	842	1042	1109	997	13.92	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-15	Instrumnet Name :	P8
Client Sample ID :	MDAN96	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:07:04	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2142	2225	2192	2186	1.92	cps
Antimony	121-1	967	1008	1300	1092	16.64	cps
Arsenic	75-1	409	729	1074	737	45.09	cps
Barium	135-1	17329	17337	17187	17284	0.49	cps
Barium	137-1	30695	29484	30269	30149	2.04	cps
Beryllium	9-1	61	128	100	96	34.78	cps
Bismuth	209-1	6276288	5885940	6275613	6145947	3.66	cps
Bismuth	209-2	1431714	1415550	1434122	1427129	0.71	cps
Boron	10-1	100	117	167	128	27.16	cps
Boron	11-1	633	550	600	594	7.06	cps
Cadmium	111-1	978	853	1021	950	9.16	cps
Cadmium	106-1	1175	1025	1333	1178	13.09	cps
Cadmium	108-1	17	21	54	31	67.27	cps
Calcium	43-1	18797	18780	18079	18552	2.21	cps
Calcium	44-1	305196	303094	305716	304669	0.46	cps
Chromium	52-2	1807	1730	1737	1758	2.41	cps
Cobalt	59-2	107	123	110	113	7.78	cps
Copper	63-2	4397	4221	4301	4306	2.05	cps
Dysprosium	156-1	558	642	467	556	15.76	cps
Dysprosium	156-2	77	73	103	84	19.48	cps
Erbium	164-1	408	375	517	433	17.09	cps
Erbium	164-2	60	70	90	73	20.83	cps
Gadolinium	160-1	567	558	525	550	4.01	cps
Gadolinium	160-2	137	137	97	123	18.72	cps
Holmium	165-1	9279095	8581313	9071492	8977300	3.99	cps
Holmium	165-2	1699397	1659172	1694749	1684440	1.31	cps
Indium	115-1	7057211	6511576	6884708	6817831	4.09	cps
Indium	115-2	224634	223833	226539	225002	0.62	cps
Iron	56-2	142881	144094	141943	142972	0.75	cps
Iron	57-2	3439	3634	3478	3517	2.93	cps
Krypton	83-1	207	253	277	246	14.52	cps
Lead	206-1	102012	102691	102125	102276	0.36	cps
Lead	207-1	80158	82154	81030	81114	1.23	cps
Lead	208-1	384130	387323	386081	385845	0.42	cps
Lithium	6-1	1180011	1132234	1179963	1164069	2.37	cps
Magnesium	24-2	1950	1917	1992	1953	1.92	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-15	Instrumnet Name :	P8
Client Sample ID :	MDAN96	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:07:04	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	740	827	687	751	9.41	cps
Molybdenum	94-1	3683	975	1058	1905	80.81	cps
Molybdenum	95-1	133	142	175	150	14.70	cps
Molybdenum	96-1	417	483	358	419	14.91	cps
Molybdenum	97-1	108	200	142	150	30.93	cps
Molybdenum	98-1	267	383	425	358	22.90	cps
Neodymium	150-1	893	1000	1147	1013	12.55	cps
Neodymium	150-2	103	113	73	97	21.54	cps
Nickel	60-2	847	953	717	839	14.13	cps
Phosphorus	31-2	17	58	108	61	75.10	cps
Potassium	39-2	1067	1200	1333	1200	11.11	cps
Rhodium	103-1	6367757	5900701	6255402	6174620	3.95	cps
Rhodium	103-2	1490675	1488579	1517227	1498827	1.07	cps
Scandium	45-1	3623065	3342963	3589696	3518575	4.35	cps
Scandium	45-2	23203	22508	23113	22941	1.65	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	2	1	173.21	cps
Selenium	82-1	4	-18	-77	-30	-140.21	cps
Silicon	28-1	1833701	1170346	1033108	1345718	31.81	cps
Silver	109-1	417	367	325	369	12.42	cps
Silver	107-1	333	400	358	364	9.25	cps
Sodium	23-2	2892	3484	3476	3284	10.33	cps
Strontium	86-1	31445	29892	31186	30841	2.70	cps
Strontium	88-1	269500	270318	272830	270883	0.64	cps
Sulfur	34-1	214403	218216	218842	217154	1.11	cps
Terbium	159-1	9516223	8984836	9488446	9329835	3.21	cps
Terbium	159-2	1598194	1600772	1618614	1605860	0.69	cps
Thallium	203-1	117	167	75	119	38.43	cps
Thallium	205-1	308	375	325	336	10.32	cps
Tin	118-1	2384	2384	2484	2417	2.39	cps
Titanium	47-1	32612	8780	9856	17083	78.79	cps
Uranium	238-1	1567	1600	1617	1595	1.60	cps
Vanadium	51-2	600	557	680	612	10.22	cps
Yttrium	89-1	6978866	6450861	6908298	6779342	4.23	cps
Yttrium	89-2	163545	163576	163313	163478	0.09	cps
Zinc	66-2	1170	1253	1177	1200	3.86	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-15	Instrumnet Name :	P8
Client Sample ID :	MDAN96	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:07:04	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2267	2559	3211	2679	18.03	cps
Zirconium	91-1	517	567	517	533	5.42	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-16	Instrumnet Name :	P8
Client Sample ID :	MDAN97	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:10:25	DataFile Name :	065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10221	9779	10221	10073	2.53	cps
Antimony	121-1	817	1050	1000	956	12.86	cps
Arsenic	75-1	2276	1324	1671	1757	27.44	cps
Barium	135-1	72364	73085	72121	72524	0.69	cps
Barium	137-1	126297	125802	125221	125774	0.43	cps
Beryllium	9-1	128	106	139	124	13.68	cps
Bismuth	209-1	6614063	6469887	6390196	6491382	1.75	cps
Bismuth	209-2	1454024	1454353	1496507	1468295	1.66	cps
Boron	10-1	100	125	150	125	20.00	cps
Boron	11-1	625	733	625	661	9.46	cps
Cadmium	111-1	1140	998	982	1040	8.34	cps
Cadmium	106-1	1283	1183	1150	1206	5.76	cps
Cadmium	108-1	13	25	33	24	44.41	cps
Calcium	43-1	19631	20073	20449	20051	2.04	cps
Calcium	44-1	329327	325701	327969	327666	0.56	cps
Chromium	52-2	2067	1940	1984	1997	3.22	cps
Cobalt	59-2	140	147	123	137	8.79	cps
Copper	63-2	8353	7909	7932	8065	3.10	cps
Dysprosium	156-1	1425	1308	1625	1453	11.02	cps
Dysprosium	156-2	243	260	283	262	7.66	cps
Erbium	164-1	1008	1192	1208	1136	9.77	cps
Erbium	164-2	140	200	230	190	24.12	cps
Gadolinium	160-1	1342	1242	1217	1267	5.22	cps
Gadolinium	160-2	340	343	330	338	2.05	cps
Holmium	165-1	9687890	9564394	9235203	9495829	2.46	cps
Holmium	165-2	1733321	1724330	1760397	1739349	1.08	cps
Indium	115-1	7198106	7148843	6985323	7110757	1.57	cps
Indium	115-2	227284	228534	232074	229297	1.08	cps
Iron	56-2	329191	330326	333496	331004	0.67	cps
Iron	57-2	8242	8069	8442	8251	2.26	cps
Krypton	83-1	217	180	207	201	9.43	cps
Lead	206-1	33044	34692	33991	33909	2.44	cps
Lead	207-1	28226	28238	27547	28004	1.41	cps
Lead	208-1	133570	132291	132458	132773	0.52	cps
Lithium	6-1	1207240	1205176	1204865	1205761	0.11	cps
Magnesium	24-2	1008	1050	967	1008	4.13	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-16	Instrumnet Name :	P8
Client Sample ID :	MDAN97	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:10:25	DataFile Name :	065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	5358	5231	5558	5382	3.06	cps
Molybdenum	94-1	1450	1384	1709	1514	11.34	cps
Molybdenum	95-1	167	225	308	233	30.52	cps
Molybdenum	96-1	408	759	567	578	30.35	cps
Molybdenum	97-1	142	242	175	186	27.36	cps
Molybdenum	98-1	333	317	350	333	5.00	cps
Neodymium	150-1	2440	2400	2554	2465	3.23	cps
Neodymium	150-2	307	273	317	299	7.59	cps
Nickel	60-2	780	710	753	748	4.73	cps
Phosphorus	31-2	150	150	275	192	37.65	cps
Potassium	39-2	1408	1258	1400	1356	6.22	cps
Rhodium	103-1	6529230	6454063	6408558	6463951	0.94	cps
Rhodium	103-2	1537935	1527487	1572329	1545917	1.52	cps
Scandium	45-1	3743925	3737163	3620592	3700560	1.87	cps
Scandium	45-2	22886	22976	23603	23155	1.69	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	0	2	0	1	173.21	cps
Selenium	82-1	15	45	-17	15	210.80	cps
Silicon	28-1	3340648	4090821	3301686	3577718	12.43	cps
Silver	109-1	317	283	350	317	10.53	cps
Silver	107-1	367	433	383	394	8.80	cps
Sodium	23-2	3434	3317	2992	3248	7.05	cps
Strontium	86-1	44039	44198	45786	44674	2.16	cps
Strontium	88-1	400375	383098	382214	388563	2.64	cps
Sulfur	34-1	221086	219616	215332	218678	1.37	cps
Terbium	159-1	9900438	9732930	9650676	9761348	1.30	cps
Terbium	159-2	1653999	1643557	1673503	1657020	0.92	cps
Thallium	203-1	150	242	183	192	24.21	cps
Thallium	205-1	275	267	383	308	21.11	cps
Tin	118-1	7069	7061	6660	6930	3.37	cps
Titanium	47-1	18738	36305	9639	21561	62.87	cps
Uranium	238-1	7230	5151	5648	6010	18.07	cps
Vanadium	51-2	1473	1497	1667	1546	6.83	cps
Yttrium	89-1	7158204	7158671	6964547	7093807	1.58	cps
Yttrium	89-2	166308	165523	169462	167098	1.25	cps
Zinc	66-2	3304	3074	2994	3124	5.15	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-16	Instrumnet Name :	P8
Client Sample ID :	MDAN97	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:10:25	DataFile Name :	065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5435	3943	4122	4500	18.10	cps
Zirconium	91-1	1610	942	833	1128	37.25	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-17	Instrumnet Name :	P8
Client Sample ID :	MDAN98	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:13:46	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9228	9921	8912	9354	5.52	cps
Antimony	121-1	2125	2175	2167	2156	1.24	cps
Arsenic	75-1	2315	2385	1685	2129	18.11	cps
Barium	135-1	53995	55434	54555	54661	1.33	cps
Barium	137-1	97458	96357	95409	96408	1.06	cps
Beryllium	9-1	106	139	94	113	20.47	cps
Bismuth	209-1	6545383	6325869	6459202	6443485	1.72	cps
Bismuth	209-2	1450714	1485445	1475838	1470665	1.22	cps
Boron	10-1	133	192	158	161	18.17	cps
Boron	11-1	625	558	658	614	8.29	cps
Cadmium	111-1	1588	1381	1464	1477	7.07	cps
Cadmium	106-1	1492	1125	1200	1272	15.23	cps
Cadmium	108-1	63	46	79	63	26.67	cps
Calcium	43-1	88353	87824	87246	87808	0.63	cps
Calcium	44-1	1463709	1432864	1452969	1449847	1.08	cps
Chromium	52-2	2807	2727	2704	2746	1.97	cps
Cobalt	59-2	317	430	460	402	18.80	cps
Copper	63-2	12176	11902	11982	12020	1.17	cps
Dysprosium	156-1	1425	1742	1609	1592	9.99	cps
Dysprosium	156-2	257	260	287	268	6.14	cps
Erbium	164-1	1475	1325	1200	1333	10.33	cps
Erbium	164-2	237	203	240	227	8.95	cps
Gadolinium	160-1	1375	1534	1492	1467	5.60	cps
Gadolinium	160-2	397	293	330	340	15.41	cps
Holmium	165-1	9694280	9384438	9464455	9514391	1.69	cps
Holmium	165-2	1694089	1733539	1727775	1718468	1.24	cps
Indium	115-1	7231905	7083732	7168921	7161519	1.04	cps
Indium	115-2	227955	231850	231686	230497	0.96	cps
Iron	56-2	456612	448992	451859	452488	0.85	cps
Iron	57-2	11438	11427	10777	11214	3.38	cps
Krypton	83-1	217	210	170	199	12.69	cps
Lead	206-1	471103	476486	479106	475565	0.86	cps
Lead	207-1	397482	395616	399878	397659	0.54	cps
Lead	208-1	1849294	1853458	1866103	1856285	0.47	cps
Lithium	6-1	1221493	1197803	1197753	1205683	1.14	cps
Magnesium	24-2	2634	2775	2409	2606	7.10	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-17	Instrumnet Name :	P8
Client Sample ID :	MDAN98	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:13:46	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3304	3234	3274	3270	1.07	cps
Molybdenum	94-1	2492	2992	3277	2921	13.61	cps
Molybdenum	95-1	350	367	358	358	2.33	cps
Molybdenum	96-1	825	900	833	853	4.82	cps
Molybdenum	97-1	258	308	333	300	12.73	cps
Molybdenum	98-1	575	642	633	617	5.89	cps
Neodymium	150-1	2294	2174	2274	2247	2.86	cps
Neodymium	150-2	270	293	267	277	5.25	cps
Nickel	60-2	950	1043	1167	1053	10.32	cps
Phosphorus	31-2	317	300	333	317	5.26	cps
Potassium	39-2	1158	1600	1417	1392	15.95	cps
Rhodium	103-1	6556341	6439652	6393267	6463087	1.30	cps
Rhodium	103-2	1502698	1555389	1549197	1535761	1.88	cps
Scandium	45-1	3713404	3630485	3646857	3663582	1.20	cps
Scandium	45-2	22535	23186	23052	22924	1.50	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	4	4	2	86.60	cps
Selenium	82-1	-3	-8	36	9	282.51	cps
Silicon	28-1	2694423	2173971	1989597	2285997	15.99	cps
Silver	109-1	1150	1050	1283	1161	10.08	cps
Silver	107-1	1175	1308	1275	1253	5.54	cps
Sodium	23-2	3884	4284	3976	4048	5.18	cps
Strontium	86-1	43144	42559	42701	42802	0.71	cps
Strontium	88-1	364356	366892	367938	366395	0.50	cps
Sulfur	34-1	220648	220492	220857	220666	0.08	cps
Terbium	159-1	9859055	9669110	9723107	9750424	1.00	cps
Terbium	159-2	1629797	1638837	1658971	1642535	0.91	cps
Thallium	203-1	167	167	242	192	22.59	cps
Thallium	205-1	575	550	517	547	5.35	cps
Tin	118-1	12406	12273	12673	12451	1.64	cps
Titanium	47-1	12375	12860	21408	15548	32.68	cps
Uranium	238-1	4743	4476	4868	4696	4.26	cps
Vanadium	51-2	1687	1437	1610	1578	8.12	cps
Yttrium	89-1	7169498	7042899	7043336	7085244	1.03	cps
Yttrium	89-2	164961	165876	166918	165918	0.59	cps
Zinc	66-2	9577	9977	9850	9801	2.09	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-17	Instrumnet Name :	P8
Client Sample ID :	MDAN98	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:13:46	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	7712	7244	6936	7297	5.35	cps
Zirconium	91-1	5922	1700	1559	3060	81.02	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-18	Instrumnet Name :	P8
Client Sample ID :	MDAN99	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:17:07	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5526	5135	5793	5485	6.04	cps
Antimony	121-1	4243	4818	4001	4354	9.64	cps
Arsenic	75-1	2332	3186	2792	2770	15.43	cps
Barium	135-1	236315	239098	240547	238653	0.90	cps
Barium	137-1	409085	411200	413573	411286	0.55	cps
Beryllium	9-1	83	94	94	91	7.07	cps
Bismuth	209-1	6595527	6419373	6469370	6494756	1.40	cps
Bismuth	209-2	1454029	1408127	1475807	1445988	2.39	cps
Boron	10-1	150	133	292	192	45.40	cps
Boron	11-1	492	575	475	514	10.43	cps
Cadmium	111-1	1980	2092	1983	2018	3.16	cps
Cadmium	106-1	1308	1308	1325	1314	0.73	cps
Cadmium	108-1	88	100	88	92	7.87	cps
Calcium	43-1	18504	20282	18688	19158	5.10	cps
Calcium	44-1	312714	318369	315790	315624	0.90	cps
Chromium	52-2	3160	3324	3635	3373	7.14	cps
Cobalt	59-2	507	483	493	494	2.37	cps
Copper	63-2	45749	45217	45354	45440	0.61	cps
Dysprosium	156-1	1033	1208	1108	1117	7.86	cps
Dysprosium	156-2	203	220	193	206	6.55	cps
Erbium	164-1	975	950	933	953	2.20	cps
Erbium	164-2	140	183	143	156	15.50	cps
Gadolinium	160-1	1042	967	908	972	6.88	cps
Gadolinium	160-2	250	197	193	213	14.91	cps
Holmium	165-1	9512013	9374127	9438503	9441548	0.73	cps
Holmium	165-2	1698204	1646754	1730793	1691917	2.50	cps
Indium	115-1	7212477	7144126	7139724	7165442	0.57	cps
Indium	115-2	224599	219155	228401	224051	2.07	cps
Iron	56-2	446943	456686	445684	449771	1.34	cps
Iron	57-2	10860	11133	11105	11032	1.36	cps
Krypton	83-1	210	220	227	219	3.83	cps
Lead	206-1	1908327	1898166	1876645	1894379	0.85	cps
Lead	207-1	1490833	1501920	1502944	1498566	0.45	cps
Lead	208-1	7232519	7259367	7180831	7224239	0.55	cps
Lithium	6-1	1205744	1194184	1201047	1200325	0.48	cps
Magnesium	24-2	2517	2500	2600	2539	2.11	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-18	Instrumnet Name :	P8
Client Sample ID :	MDAN99	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:17:07	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4618	4771	4581	4656	2.17	cps
Molybdenum	94-1	3694	1433	1600	2243	56.18	cps
Molybdenum	95-1	358	383	375	372	3.42	cps
Molybdenum	96-1	592	667	592	617	7.02	cps
Molybdenum	97-1	325	292	233	283	16.38	cps
Molybdenum	98-1	550	717	692	653	13.77	cps
Neodymium	150-1	1760	1627	1827	1738	5.86	cps
Neodymium	150-2	210	183	197	197	6.78	cps
Nickel	60-2	1470	1387	1483	1447	3.62	cps
Phosphorus	31-2	158	142	150	150	5.56	cps
Potassium	39-2	1442	1217	1308	1322	8.56	cps
Rhodium	103-1	6509696	6438992	6419197	6455961	0.74	cps
Rhodium	103-2	1477872	1481196	1525124	1494731	1.76	cps
Scandium	45-1	3703927	3649914	3655818	3669886	0.81	cps
Scandium	45-2	22729	22291	23350	22790	2.33	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	0	2	0	1	173.21	cps
Selenium	82-1	22	26	-28	7	452.40	cps
Silicon	28-1	1566778	2685050	1574250	1942026	33.13	cps
Silver	109-1	1058	1150	1167	1125	5.19	cps
Silver	107-1	1083	1308	1325	1239	10.90	cps
Sodium	23-2	3150	3501	3276	3309	5.36	cps
Strontium	86-1	24673	25938	25099	25237	2.55	cps
Strontium	88-1	216083	209367	212643	212698	1.58	cps
Sulfur	34-1	222084	220449	220264	220932	0.45	cps
Terbium	159-1	9878701	9594642	9703554	9725632	1.47	cps
Terbium	159-2	1624077	1556419	1654724	1611740	3.12	cps
Thallium	203-1	167	158	67	131	42.50	cps
Thallium	205-1	317	317	267	300	9.62	cps
Tin	118-1	23739	23496	22628	23288	2.51	cps
Titanium	47-1	21690	19908	27952	23183	18.23	cps
Uranium	238-1	3476	3167	3101	3248	6.17	cps
Vanadium	51-2	1340	1380	1363	1361	1.48	cps
Yttrium	89-1	7254700	6969257	7110337	7111431	2.01	cps
Yttrium	89-2	162834	160179	166120	163044	1.83	cps
Zinc	66-2	20565	20212	19541	20106	2.59	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-18	Instrumnet Name :	P8
Client Sample ID :	MDAN99	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:17:07	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3993	3368	4177	3846	11.03	cps
Zirconium	91-1	1009	800	1059	956	14.35	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-19	Instrumnet Name :	P8
Client Sample ID :	MDANA0	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:20:28	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8278	8028	7844	8050	2.70	cps
Antimony	121-1	12915	12290	12915	12707	2.84	cps
Arsenic	75-1	4562	3944	3582	4029	12.29	cps
Barium	135-1	176873	177466	177449	177263	0.19	cps
Barium	137-1	305875	311564	309525	308988	0.93	cps
Beryllium	9-1	183	128	144	152	18.77	cps
Bismuth	209-1	6600060	6444962	6552548	6532523	1.22	cps
Bismuth	209-2	1464647	1491917	1474512	1477025	0.93	cps
Boron	10-1	242	192	200	211	12.69	cps
Boron	11-1	1017	1000	867	961	8.55	cps
Cadmium	111-1	2588	2837	2699	2708	4.60	cps
Cadmium	106-1	1325	1400	1292	1339	4.14	cps
Cadmium	108-1	158	188	175	174	8.43	cps
Calcium	43-1	71115	71398	70661	71058	0.52	cps
Calcium	44-1	1149895	1140886	1148567	1146449	0.42	cps
Chromium	52-2	3834	3594	3674	3701	3.30	cps
Cobalt	59-2	680	777	620	692	11.42	cps
Copper	63-2	30591	30684	30370	30548	0.53	cps
Dysprosium	156-1	2234	2117	2150	2167	2.77	cps
Dysprosium	156-2	413	443	437	431	3.65	cps
Erbium	164-1	2050	1809	2350	2070	13.11	cps
Erbium	164-2	313	330	347	330	5.05	cps
Gadolinium	160-1	2200	2275	2134	2203	3.22	cps
Gadolinium	160-2	530	563	430	508	13.66	cps
Holmium	165-1	9548276	9349384	9509809	9469156	1.11	cps
Holmium	165-2	1701506	1726439	1715497	1714481	0.73	cps
Indium	115-1	7241773	7123100	7214011	7192962	0.86	cps
Indium	115-2	226586	230119	230137	228947	0.89	cps
Iron	56-2	864521	861448	856268	860746	0.48	cps
Iron	57-2	21295	22263	21862	21807	2.23	cps
Krypton	83-1	197	217	203	206	4.95	cps
Lead	206-1	1117953	1116770	1115535	1116753	0.11	cps
Lead	207-1	910058	913516	916665	913413	0.36	cps
Lead	208-1	4310213	4397151	4351231	4352865	1.00	cps
Lithium	6-1	1223783	1183982	1204638	1204135	1.65	cps
Magnesium	24-2	2984	3176	2892	3017	4.79	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-19	Instrumnet Name :	P8
Client Sample ID :	MDANA0	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:20:28	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	7622	7289	7379	7430	2.32	cps
Molybdenum	94-1	4034	4927	4327	4429	10.27	cps
Molybdenum	95-1	617	608	617	614	0.78	cps
Molybdenum	96-1	1450	1350	1458	1420	4.25	cps
Molybdenum	97-1	533	442	408	461	14.04	cps
Molybdenum	98-1	1142	1150	1158	1150	0.72	cps
Neodymium	150-1	3341	3387	3281	3336	1.60	cps
Neodymium	150-2	350	393	340	361	7.85	cps
Nickel	60-2	2177	2064	1944	2061	5.66	cps
Phosphorus	31-2	208	258	342	269	25.00	cps
Potassium	39-2	1467	1400	1550	1472	5.10	cps
Rhodium	103-1	6532493	6425842	6518002	6492112	0.89	cps
Rhodium	103-2	1507351	1527078	1516581	1517003	0.65	cps
Scandium	45-1	3677170	3564596	3691652	3644473	1.91	cps
Scandium	45-2	22812	23266	22952	23010	1.01	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	6	0	0	2	173.21	cps
Selenium	82-1	55	-6	-13	12	308.72	cps
Silicon	28-1	1699318	1663784	2142639	1835247	14.54	cps
Silver	109-1	2300	2209	2242	2250	2.06	cps
Silver	107-1	2325	2259	2400	2328	3.05	cps
Sodium	23-2	4909	4751	4718	4793	2.14	cps
Strontium	86-1	50394	50754	50695	50614	0.38	cps
Strontium	88-1	444252	441034	446743	444010	0.64	cps
Sulfur	34-1	224414	224191	222398	223668	0.49	cps
Terbium	159-1	9840882	9639755	9815937	9765525	1.12	cps
Terbium	159-2	1646117	1664013	1665328	1658486	0.65	cps
Thallium	203-1	200	208	208	206	2.34	cps
Thallium	205-1	383	617	642	547	26.04	cps
Tin	118-1	55206	54370	55324	54966	0.95	cps
Titanium	47-1	15878	15973	16120	15990	0.76	cps
Uranium	238-1	5727	5510	4960	5399	7.32	cps
Vanadium	51-2	1990	2084	2024	2032	2.33	cps
Yttrium	89-1	7135627	7114143	7155398	7135056	0.29	cps
Yttrium	89-2	167146	168619	165906	167224	0.81	cps
Zinc	66-2	24068	24549	24499	24372	1.08	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-19	Instrumnet Name :	P8
Client Sample ID :	MDANA0	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:20:28	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	10488	10639	10188	10438	2.20	cps
Zirconium	91-1	2342	2067	2576	2328	10.94	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-20	Instrumnet Name :	P8
Client Sample ID :	MDANA1	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:23:48	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4609	4976	4826	4804	3.84	cps
Antimony	121-1	6277	6344	6168	6263	1.41	cps
Arsenic	75-1	2674	2529	2284	2495	7.90	cps
Barium	135-1	158858	155924	154645	156475	1.38	cps
Barium	137-1	269062	270667	271551	270427	0.47	cps
Beryllium	9-1	78	94	94	89	10.83	cps
Bismuth	209-1	6492721	6392468	6566293	6483827	1.35	cps
Bismuth	209-2	1472905	1492398	1460321	1475208	1.10	cps
Boron	10-1	117	100	108	108	7.69	cps
Boron	11-1	617	575	742	644	13.46	cps
Cadmium	111-1	2563	2457	2370	2463	3.92	cps
Cadmium	106-1	1417	1325	1258	1333	5.96	cps
Cadmium	108-1	125	113	129	122	7.10	cps
Calcium	43-1	18796	18872	18964	18877	0.44	cps
Calcium	44-1	307173	307072	307209	307151	0.02	cps
Chromium	52-2	3958	3354	3737	3683	8.30	cps
Cobalt	59-2	653	703	707	688	4.34	cps
Copper	63-2	38851	39590	39409	39283	0.98	cps
Dysprosium	156-1	808	992	833	878	11.33	cps
Dysprosium	156-2	153	203	170	176	14.50	cps
Erbium	164-1	942	984	858	928	6.87	cps
Erbium	164-2	117	120	137	124	8.61	cps
Gadolinium	160-1	800	900	975	892	9.85	cps
Gadolinium	160-2	227	203	223	218	5.79	cps
Holmium	165-1	9636442	9334548	9486401	9485797	1.59	cps
Holmium	165-2	1720963	1735847	1693642	1716817	1.25	cps
Indium	115-1	7140833	7080500	7171554	7130962	0.65	cps
Indium	115-2	227372	231345	226651	228456	1.11	cps
Iron	56-2	546456	542707	539355	542839	0.65	cps
Iron	57-2	13913	13696	13985	13865	1.09	cps
Krypton	83-1	203	203	270	226	17.06	cps
Lead	206-1	1231267	1233527	1230428	1231741	0.13	cps
Lead	207-1	1000658	989491	992636	994262	0.58	cps
Lead	208-1	4796266	4760607	4758300	4771724	0.45	cps
Lithium	6-1	1202208	1200396	1206694	1203100	0.27	cps
Magnesium	24-2	1984	2100	2242	2109	6.14	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-20	Instrumnet Name :	P8
Client Sample ID :	MDANA1	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:23:48	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	5454	5485	5855	5598	3.98	cps
Molybdenum	94-1	2794	1925	1934	2218	22.50	cps
Molybdenum	95-1	417	458	450	442	4.99	cps
Molybdenum	96-1	767	758	6712	2746	125.10	cps
Molybdenum	97-1	300	358	325	328	8.93	cps
Molybdenum	98-1	650	617	875	714	19.68	cps
Neodymium	150-1	2472	1527	1513	1838	29.92	cps
Neodymium	150-2	130	120	153	134	12.73	cps
Nickel	60-2	1167	1247	1370	1261	8.12	cps
Phosphorus	31-2	150	192	175	172	12.18	cps
Potassium	39-2	1400	1308	1125	1278	10.96	cps
Rhodium	103-1	6488239	6368348	6508845	6455144	1.18	cps
Rhodium	103-2	1511074	1564981	1521572	1532542	1.86	cps
Scandium	45-1	3692477	3611573	3685623	3663224	1.22	cps
Scandium	45-2	23229	23770	22892	23297	1.90	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	0	2	4	2	100.00	cps
Selenium	82-1	37	20	-54	1	4089.91	cps
Silicon	28-1	1624479	1404968	1721157	1583535	10.23	cps
Silver	109-1	1050	992	1008	1017	2.96	cps
Silver	107-1	1050	1283	1267	1200	10.85	cps
Sodium	23-2	3217	3359	3434	3337	3.30	cps
Strontium	86-1	19556	19348	19481	19462	0.54	cps
Strontium	88-1	164246	167906	166166	166106	1.10	cps
Sulfur	34-1	223202	222509	225351	223687	0.66	cps
Terbium	159-1	9863653	9718143	9661429	9747742	1.07	cps
Terbium	159-2	1637438	1651161	1632238	1640279	0.60	cps
Thallium	203-1	92	100	142	111	24.11	cps
Thallium	205-1	375	267	208	283	29.85	cps
Tin	118-1	13432	13682	12882	13332	3.07	cps
Titanium	47-1	63934	19493	20648	34692	73.02	cps
Uranium	238-1	3167	3467	3026	3220	7.01	cps
Vanadium	51-2	1477	1557	1610	1548	4.34	cps
Yttrium	89-1	7173818	7051566	7198612	7141332	1.10	cps
Yttrium	89-2	166404	169159	165117	166893	1.24	cps
Zinc	66-2	20919	21450	20412	20927	2.48	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2023-20	Instrumnet Name :	P8
Client Sample ID :	MDANA1	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:23:48	DataFile Name :	069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	9846	7019	4301	7056	39.30	cps
Zirconium	91-1	1267	1067	1117	1150	9.05	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-01	Instrumnet Name :	P8
Client Sample ID :	MDAND4	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:27:10	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5260	4926	5009	5065	3.43	cps
Antimony	121-1	1000	1267	1150	1139	11.74	cps
Arsenic	75-1	1272	1618	1959	1616	21.26	cps
Barium	135-1	13566	13958	13599	13708	1.59	cps
Barium	137-1	24140	24424	23171	23912	2.75	cps
Beryllium	9-1	78	117	117	104	21.65	cps
Bismuth	209-1	6391287	6416021	6466929	6424746	0.60	cps
Bismuth	209-2	1471814	1460506	1439506	1457275	1.13	cps
Boron	10-1	100	92	83	92	9.09	cps
Boron	11-1	400	425	308	378	16.26	cps
Cadmium	111-1	1009	1088	1094	1064	4.49	cps
Cadmium	106-1	1233	1250	1233	1239	0.78	cps
Cadmium	108-1	54	17	33	35	54.11	cps
Calcium	43-1	11138	10921	11197	11085	1.31	cps
Calcium	44-1	180858	182498	180986	181447	0.50	cps
Chromium	52-2	1740	1653	1627	1673	3.54	cps
Cobalt	59-2	290	193	240	241	20.05	cps
Copper	63-2	5214	4948	5354	5172	4.00	cps
Dysprosium	156-1	1217	1008	1083	1103	9.57	cps
Dysprosium	156-2	177	170	260	202	24.80	cps
Erbium	164-1	808	942	825	858	8.46	cps
Erbium	164-2	143	143	157	148	5.21	cps
Gadolinium	160-1	950	950	1000	967	2.99	cps
Gadolinium	160-2	217	267	217	233	12.37	cps
Holmium	165-1	9358274	9391358	9510339	9419990	0.85	cps
Holmium	165-2	1728765	1700546	1683716	1704342	1.34	cps
Indium	115-1	7070121	7114941	7193124	7126062	0.87	cps
Indium	115-2	229272	227410	225428	227370	0.85	cps
Iron	56-2	312961	311652	312616	312410	0.22	cps
Iron	57-2	7858	8258	8114	8077	2.51	cps
Krypton	83-1	227	227	167	207	16.76	cps
Lead	206-1	147643	149615	148238	148499	0.68	cps
Lead	207-1	126311	127613	125581	126502	0.81	cps
Lead	208-1	583400	586715	581734	583950	0.43	cps
Lithium	6-1	1197763	1207094	1212742	1205866	0.63	cps
Magnesium	24-2	1584	1842	1658	1695	7.84	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-01	Instrumnet Name :	P8
Client Sample ID :	MDAND4	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:27:10	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2250	2270	2274	2265	0.56	cps
Molybdenum	94-1	3459	3959	3709	3709	6.75	cps
Molybdenum	95-1	492	525	558	525	6.35	cps
Molybdenum	96-1	1333	1192	1067	1197	11.14	cps
Molybdenum	97-1	308	283	333	308	8.11	cps
Molybdenum	98-1	858	683	933	825	15.55	cps
Neodymium	150-1	1807	1760	1520	1696	9.07	cps
Neodymium	150-2	187	193	163	181	8.70	cps
Nickel	60-2	690	713	687	697	2.09	cps
Phosphorus	31-2	33	50	17	33	50.00	cps
Potassium	39-2	1083	1183	1225	1164	6.26	cps
Rhodium	103-1	6453213	6500549	6433698	6462486	0.53	cps
Rhodium	103-2	1562522	1548484	1510224	1540410	1.76	cps
Scandium	45-1	3655643	3665337	3645175	3655385	0.28	cps
Scandium	45-2	23577	22929	21968	22824	3.55	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	0	4	6	3	91.69	cps
Selenium	82-1	-2	5	49	18	157.60	cps
Silicon	28-1	2231212	1787822	1607677	1875570	17.11	cps
Silver	109-1	417	392	400	403	3.16	cps
Silver	107-1	525	575	375	492	21.17	cps
Sodium	23-2	2967	2959	2650	2859	6.31	cps
Strontium	86-1	35038	35564	35806	35469	1.11	cps
Strontium	88-1	312905	312839	308416	311387	0.83	cps
Sulfur	34-1	222296	224329	222593	223073	0.49	cps
Terbium	159-1	9549026	9689112	9791818	9676652	1.26	cps
Terbium	159-2	1655400	1625395	1607647	1629481	1.48	cps
Thallium	203-1	150	125	108	128	16.41	cps
Thallium	205-1	300	250	250	267	10.83	cps
Tin	118-1	12106	12773	12498	12459	2.69	cps
Titanium	47-1	16846	15383	17257	16495	5.97	cps
Uranium	238-1	2709	3067	2784	2853	6.63	cps
Vanadium	51-2	1397	1443	1447	1429	1.96	cps
Yttrium	89-1	7022823	7116398	7158214	7099145	0.98	cps
Yttrium	89-2	168339	166108	164052	166167	1.29	cps
Zinc	66-2	3891	3854	3747	3831	1.94	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-01	Instrumnet Name :	P8
Client Sample ID :	MDAND4	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:27:10	DataFile Name :	070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	8655	8771	8236	8554	3.29	cps
Zirconium	91-1	1650	1942	2059	1884	11.17	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-02	Instrumnet Name :	P8
Client Sample ID :	MDAND5	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:30:32	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4709	4609	4626	4648	1.15	cps
Antimony	121-1	492	475	500	489	2.60	cps
Arsenic	75-1	1095	1260	1479	1278	15.07	cps
Barium	135-1	10538	11072	10788	10799	2.47	cps
Barium	137-1	19348	18814	19657	19273	2.21	cps
Beryllium	9-1	50	50	83	61	31.50	cps
Bismuth	209-1	6186271	6381422	6384077	6317257	1.80	cps
Bismuth	209-2	1440808	1418607	1454787	1438067	1.27	cps
Boron	10-1	75	75	100	83	17.33	cps
Boron	11-1	292	342	292	308	9.36	cps
Cadmium	111-1	770	830	835	812	4.50	cps
Cadmium	106-1	1058	1125	1125	1103	3.49	cps
Cadmium	108-1	13	4	33	17	90.12	cps
Calcium	43-1	20074	19197	19798	19690	2.28	cps
Calcium	44-1	320439	318593	315417	318150	0.80	cps
Chromium	52-2	3681	7117	3430	4743	43.43	cps
Cobalt	59-2	133	93	90	106	22.85	cps
Copper	63-2	1290	1247	1197	1245	3.75	cps
Dysprosium	156-1	917	883	642	814	18.44	cps
Dysprosium	156-2	153	137	113	134	14.94	cps
Erbium	164-1	450	492	542	494	9.28	cps
Erbium	164-2	73	87	87	82	9.37	cps
Gadolinium	160-1	800	717	542	686	19.22	cps
Gadolinium	160-2	150	160	173	161	7.27	cps
Holmium	165-1	9163462	9407793	9324492	9298582	1.34	cps
Holmium	165-2	1711606	1658959	1710630	1693732	1.78	cps
Indium	115-1	6930656	7078300	7040393	7016450	1.09	cps
Indium	115-2	224906	221191	226608	224235	1.24	cps
Iron	56-2	46099	44734	44750	45195	1.73	cps
Iron	57-2	1033	1095	1333	1154	13.74	cps
Krypton	83-1	197	183	257	212	18.41	cps
Lead	206-1	26556	26111	26083	26250	1.01	cps
Lead	207-1	21012	21925	22064	21667	2.64	cps
Lead	208-1	100786	102129	101878	101597	0.70	cps
Lithium	6-1	1170371	1200708	1193792	1188290	1.34	cps
Magnesium	24-2	1350	1067	1433	1283	14.98	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-02	Instrumnet Name :	P8
Client Sample ID :	MDAND5	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:30:32	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	143	143	163	150	7.70	cps
Molybdenum	94-1	1167	1909	1167	1414	30.32	cps
Molybdenum	95-1	317	392	342	350	10.93	cps
Molybdenum	96-1	1127	508	684	773	41.26	cps
Molybdenum	97-1	225	175	292	231	25.39	cps
Molybdenum	98-1	859	425	525	603	37.69	cps
Neodymium	150-1	1400	1353	1333	1362	2.51	cps
Neodymium	150-2	150	160	117	142	15.95	cps
Nickel	60-2	1227	1287	1237	1250	2.57	cps
Phosphorus	31-2	17	0	17	11	86.60	cps
Potassium	39-2	1183	1225	1350	1253	6.92	cps
Rhodium	103-1	6235226	6398911	6334512	6322883	1.30	cps
Rhodium	103-2	1512937	1485735	1514112	1504261	1.07	cps
Scandium	45-1	3501173	3600730	3597965	3566623	1.59	cps
Scandium	45-2	22558	22455	22228	22414	0.75	cps
Selenium	77-2	7	3	0	3	100.05	cps
Selenium	78-2	2	4	0	2	100.00	cps
Selenium	82-1	30	49	-25	18	209.43	cps
Silicon	28-1	1540006	2414960	1836815	1930594	23.05	cps
Silver	109-1	175	250	275	233	22.30	cps
Silver	107-1	250	308	258	272	11.59	cps
Sodium	23-2	2625	3184	3201	3003	10.90	cps
Strontium	86-1	42459	42367	42618	42481	0.30	cps
Strontium	88-1	367904	369469	363088	366820	0.91	cps
Sulfur	34-1	219561	218479	217804	218615	0.41	cps
Terbium	159-1	9276963	9704537	9606879	9529460	2.35	cps
Terbium	159-2	1649652	1562572	1610286	1607503	2.71	cps
Thallium	203-1	108	108	167	128	26.36	cps
Thallium	205-1	233	258	292	261	11.21	cps
Tin	118-1	1684	1984	1942	1870	8.69	cps
Titanium	47-1	12377	13286	24948	16870	41.55	cps
Uranium	238-1	2575	2759	2584	2639	3.92	cps
Vanadium	51-2	743	637	750	710	8.96	cps
Yttrium	89-1	6912227	6989332	6930190	6943917	0.58	cps
Yttrium	89-2	163899	160681	162835	162472	1.01	cps
Zinc	66-2	393	343	340	359	8.33	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-02	Instrumnet Name :	P8
Client Sample ID :	MDAND5	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:30:32	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3018	2851	3351	3073	8.30	cps
Zirconium	91-1	842	784	1001	875	12.83	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	CCV014	Instrumnet Name :	P8
Client Sample ID :	CCV014	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:33:54	DataFile Name :	072CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	140935	143579	143686	142733	1.09	cps
Antimony	121-1	2723810	2727869	2708002	2719894	0.39	cps
Arsenic	75-1	623831	625215	629117	626054	0.44	cps
Barium	135-1	2998572	2973413	2967110	2979698	0.56	cps
Barium	137-1	5111240	5132261	5149606	5131036	0.37	cps
Beryllium	9-1	307934	306186	310269	308130	0.66	cps
Bismuth	209-1	6005854	5965035	5965575	5978821	0.39	cps
Bismuth	209-2	1357781	1382438	1396668	1378963	1.43	cps
Boron	10-1	35729	35420	36188	35779	1.08	cps
Boron	11-1	165459	172458	174642	170853	2.81	cps
Cadmium	111-1	553101	548870	548721	550230	0.45	cps
Cadmium	106-1	58586	58997	58394	58659	0.53	cps
Cadmium	108-1	39187	39270	39592	39349	0.54	cps
Calcium	43-1	2702353	2689874	2731485	2707904	0.79	cps
Calcium	44-1	43937942	43886641	44180945	44001842	0.36	cps
Chromium	52-2	192197	193149	197022	194123	1.32	cps
Cobalt	59-2	423356	423144	429192	425231	0.81	cps
Copper	63-2	720831	720309	730675	723938	0.81	cps
Dysprosium	156-1	42	58	25	42	40.00	cps
Dysprosium	156-2	10	10	7	9	21.63	cps
Erbium	164-1	17	25	33	25	33.34	cps
Erbium	164-2	7	3	3	4	43.40	cps
Gadolinium	160-1	58	50	117	75	48.43	cps
Gadolinium	160-2	10	17	10	12	31.50	cps
Holmium	165-1	9241126	9206782	9297734	9248547	0.50	cps
Holmium	165-2	1676076	1719349	1719578	1705001	1.47	cps
Indium	115-1	6790328	6785428	6773459	6783072	0.13	cps
Indium	115-2	220214	223384	226053	223217	1.31	cps
Iron	56-2	30998920	30827805	31050404	30959043	0.38	cps
Iron	57-2	771397	768417	782838	774217	0.98	cps
Krypton	83-1	227	193	203	208	8.23	cps
Lead	206-1	1904374	1873620	1877691	1885228	0.89	cps
Lead	207-1	1701172	1722145	1703346	1708888	0.67	cps
Lead	208-1	7702326	7690317	7664913	7685852	0.25	cps
Lithium	6-1	1113787	1151571	1118333	1127897	1.83	cps
Magnesium	24-2	3510937	3500398	3568732	3526689	1.04	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	CCV014	Instrumnet Name :	P8
Client Sample ID :	CCV014	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:33:54	DataFile Name :	072CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	100824	102009	103937	102256	1.54	cps
Molybdenum	94-1	4506083	4457614	4458208	4473969	0.62	cps
Molybdenum	95-1	5569967	5524007	5486701	5526891	0.75	cps
Molybdenum	96-1	6186310	6146413	6126891	6153205	0.49	cps
Molybdenum	97-1	3461156	3463127	3407955	3444079	0.91	cps
Molybdenum	98-1	8850531	8848841	8802440	8833937	0.31	cps
Neodymium	150-1	153	87	187	142	35.80	cps
Neodymium	150-2	0	7	7	4	86.60	cps
Nickel	60-2	125832	125328	126592	125917	0.51	cps
Phosphorus	31-2	1725	1659	1717	1700	2.14	cps
Potassium	39-2	840776	841020	852292	844696	0.78	cps
Rhodium	103-1	5925290	5938810	5999797	5954632	0.67	cps
Rhodium	103-2	1380481	1437470	1418109	1412020	2.05	cps
Scandium	45-1	3649922	3669042	3686647	3668537	0.50	cps
Scandium	45-2	23290	23467	23570	23442	0.60	cps
Selenium	77-2	190	160	160	170	10.19	cps
Selenium	78-2	461	524	441	475	9.14	cps
Selenium	82-1	33424	33149	34293	33622	1.78	cps
Silicon	28-1	1348152	1350702	1375713	1358189	1.12	cps
Silver	109-1	2641106	2610319	2624466	2625297	0.59	cps
Silver	107-1	2701227	2689446	2727201	2705958	0.71	cps
Sodium	23-2	8414119	8420155	8442264	8425513	0.18	cps
Strontium	86-1	705288	698084	699906	701093	0.53	cps
Strontium	88-1	6164423	6136346	6098158	6132976	0.54	cps
Sulfur	34-1	545238	545965	549012	546739	0.37	cps
Terbium	159-1	9492260	9412994	9509043	9471433	0.54	cps
Terbium	159-2	1587148	1645381	1657916	1630148	2.32	cps
Thallium	203-1	2333987	2310624	2347927	2330846	0.81	cps
Thallium	205-1	5564015	5477943	5509446	5517135	0.79	cps
Tin	118-1	1916944	1906088	1876415	1899816	1.10	cps
Titanium	47-1	1327880	1335061	1339774	1334238	0.45	cps
Uranium	238-1	7503428	7504773	7387306	7465169	0.90	cps
Vanadium	51-2	143607	142519	145867	143998	1.19	cps
Yttrium	89-1	6953444	6936327	6975822	6955198	0.28	cps
Yttrium	89-2	163491	166061	168117	165890	1.40	cps
Zinc	66-2	61600	60635	61998	61411	1.14	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	CCV014	Instrumnet Name :	P8
Client Sample ID :	CCV014	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:33:54	DataFile Name :	072CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3731774	3714136	3691939	3712616	0.54	cps
Zirconium	91-1	816579	810773	813576	813643	0.36	cps

LB Number : LB94183 Operator : Jaswal
 Lab Sample ID : CCB014 Instrumnet Name : P8
 Client Sample ID : CCB014 Dilution Factor : 1
 Date & Time Acquired :: 2018-03-23 20:37:52 DataFile Name : 073CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	0	8	0	3	173.21	cps
Antimony	121-1	5952	6635	7152	6580	9.15	cps
Arsenic	75-1	632	636	583	617	4.73	cps
Barium	135-1	67	133	92	97	34.64	cps
Barium	137-1	183	133	183	167	17.32	cps
Beryllium	9-1	244	194	244	228	12.67	cps
Bismuth	209-1	6264399	6323709	6197924	6262011	1.00	cps
Bismuth	209-2	1496967	1468859	1498553	1488126	1.12	cps
Boron	10-1	1025	775	675	825	21.85	cps
Boron	11-1	3809	3617	3476	3634	4.61	cps
Cadmium	111-1	939	900	900	913	2.49	cps
Cadmium	106-1	1258	1250	1217	1242	1.78	cps
Cadmium	108-1	0	13	8	7	91.66	cps
Calcium	43-1	525	583	492	533	8.70	cps
Calcium	44-1	9278	9378	9020	9226	2.01	cps
Chromium	52-2	153	137	133	141	7.59	cps
Cobalt	59-2	37	30	23	30	22.23	cps
Copper	63-2	170	160	173	168	4.14	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	33	50	25	36	35.25	cps
Erbium	164-2	10	10	10	10	0.00	cps
Gadolinium	160-1	33	17	83	44	78.07	cps
Gadolinium	160-2	0	0	3	1	173.21	cps
Holmium	165-1	9196026	9508951	9358984	9354654	1.67	cps
Holmium	165-2	1758587	1745208	1744269	1749355	0.46	cps
Indium	115-1	6983765	7213253	7176815	7124611	1.73	cps
Indium	115-2	241143	234303	242049	239165	1.77	cps
Iron	56-2	1928	1589	1700	1739	9.94	cps
Iron	57-2	56	61	39	52	22.30	cps
Krypton	83-1	313	293	183	263	26.58	cps
Lead	206-1	450	483	489	474	4.44	cps
Lead	207-1	411	511	489	470	11.16	cps
Lead	208-1	1922	2045	2028	1998	3.32	cps
Lithium	6-1	1205514	1202040	1219456	1209003	0.76	cps
Magnesium	24-2	233	200	108	181	35.85	cps

LB Number : LB94183 Operator : Jaswal
 Lab Sample ID : CCB014 Instrumnet Name : P8
 Client Sample ID : CCB014 Dilution Factor : 1
 Date & Time Acquired :: 2018-03-23 20:37:52 DataFile Name : 073CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	17	3	7	9	78.08	cps
Molybdenum	94-1	1809	1809	2284	1967	13.95	cps
Molybdenum	95-1	2384	2750	3276	2803	15.99	cps
Molybdenum	96-1	2442	3117	3542	3034	18.29	cps
Molybdenum	97-1	1533	1850	1909	1764	11.44	cps
Molybdenum	98-1	3526	4834	5601	4654	22.55	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	283	277	280	280	1.19	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	1208	1067	1408	1228	13.98	cps
Rhodium	103-1	6469615	6588195	6514019	6523943	0.92	cps
Rhodium	103-2	1587586	1562668	1574987	1575080	0.79	cps
Scandium	45-1	3770707	3848721	3828484	3815971	1.06	cps
Scandium	45-2	24839	24215	24295	24449	1.39	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	0	1	173.21	cps
Selenium	82-1	-96	-97	44	-50	-162.88	cps
Silicon	28-1	235699	234419	235265	235128	0.28	cps
Silver	109-1	267	292	325	294	9.94	cps
Silver	107-1	217	242	242	233	6.19	cps
Sodium	23-2	3401	3201	3259	3287	3.13	cps
Strontium	86-1	492	392	325	403	20.83	cps
Strontium	88-1	250	258	200	236	13.36	cps
Sulfur	34-1	253221	255587	250737	253182	0.96	cps
Terbium	159-1	9464807	9682884	9518156	9555282	1.19	cps
Terbium	159-2	1706572	1637218	1669780	1671190	2.08	cps
Thallium	203-1	633	658	658	650	2.22	cps
Thallium	205-1	1475	1617	1308	1467	10.52	cps
Tin	118-1	1959	2125	2009	2031	4.21	cps
Titanium	47-1	208	467	142	272	63.15	cps
Uranium	238-1	375	392	367	378	3.37	cps
Vanadium	51-2	3	10	10	8	49.52	cps
Yttrium	89-1	7073373	7210914	7147472	7143920	0.96	cps
Yttrium	89-2	174258	170578	174972	173269	1.36	cps
Zinc	66-2	33	57	43	44	26.35	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	CCB014	Instrumnet Name :	P8
Client Sample ID :	CCB014	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:37:52	DataFile Name :	073CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1067	1117	1117	1100	2.62	cps
Zirconium	91-1	125	242	167	178	33.26	cps

LB Number : LB94183 Operator : Jaswal
 Lab Sample ID : PB107617BL Instrumnet Name : P8
 Client Sample ID : PBS008 Dilution Factor : 1
 Date & Time Acquired :: 2018-03-23 20:41:25 DataFile Name : 074CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	0	0	8	3	173.21	cps
Antimony	121-1	2192	2392	3092	2559	18.47	cps
Arsenic	75-1	574	531	547	551	3.97	cps
Barium	135-1	58	50	50	53	9.12	cps
Barium	137-1	83	92	25	67	54.49	cps
Beryllium	9-1	128	167	133	143	14.75	cps
Bismuth	209-1	6315577	6313114	6194707	6274466	1.10	cps
Bismuth	209-2	1464653	1511508	1491684	1489282	1.58	cps
Boron	10-1	417	475	408	433	8.38	cps
Boron	11-1	1867	1608	1659	1711	8.01	cps
Cadmium	111-1	931	842	776	849	9.13	cps
Cadmium	106-1	1292	1183	1067	1181	9.53	cps
Cadmium	108-1	4	17	0	7	124.88	cps
Calcium	43-1	517	342	342	400	25.26	cps
Calcium	44-1	7944	7978	8136	8019	1.28	cps
Chromium	52-2	157	110	140	136	17.45	cps
Cobalt	59-2	20	27	10	19	44.42	cps
Copper	63-2	140	133	143	139	3.67	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	25	58	8	31	83.33	cps
Erbium	164-2	3	10	0	4	114.60	cps
Gadolinium	160-1	33	42	25	33	25.01	cps
Gadolinium	160-2	0	0	0	0	0.00	cps
Holmium	165-1	9428108	9317148	9178912	9308056	1.34	cps
Holmium	165-2	1727343	1800699	1774911	1767651	2.11	cps
Indium	115-1	7307487	7199637	7090102	7199075	1.51	cps
Indium	115-2	237266	242026	242483	240592	1.20	cps
Iron	56-2	1161	1006	1033	1067	7.78	cps
Iron	57-2	22	11	6	13	65.44	cps
Krypton	83-1	200	207	197	201	2.53	cps
Lead	206-1	494	533	450	493	8.47	cps
Lead	207-1	417	444	411	424	4.21	cps
Lead	208-1	1845	2006	1672	1841	9.06	cps
Lithium	6-1	1208287	1226456	1213947	1216230	0.76	cps
Magnesium	24-2	183	125	192	167	21.79	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	PB107617BL	Instrumnet Name :	P8
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:41:25	DataFile Name :	074CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	20	10	7	12	56.76	cps
Molybdenum	94-1	783	758	875	806	7.63	cps
Molybdenum	95-1	633	1008	1258	967	32.54	cps
Molybdenum	96-1	850	950	1400	1067	27.47	cps
Molybdenum	97-1	500	742	950	731	30.83	cps
Molybdenum	98-1	1250	1750	1917	1639	21.17	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	297	373	320	330	11.91	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	1275	1142	1233	1217	5.61	cps
Rhodium	103-1	6579459	6501239	6383880	6488193	1.52	cps
Rhodium	103-2	1529665	1585418	1593434	1569506	2.21	cps
Scandium	45-1	3868782	3850128	3775953	3831621	1.28	cps
Scandium	45-2	24532	25891	24979	25134	2.76	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	0	1	173.21	cps
Selenium	82-1	54	2	37	31	85.95	cps
Silicon	28-1	237101	235552	233703	235452	0.72	cps
Silver	109-1	100	100	150	117	24.75	cps
Silver	107-1	183	150	142	158	13.93	cps
Sodium	23-2	2634	2700	2692	2675	1.36	cps
Strontium	86-1	342	300	292	311	8.61	cps
Strontium	88-1	67	158	117	114	40.30	cps
Sulfur	34-1	257775	255064	254153	255664	0.74	cps
Terbium	159-1	9594338	9596397	9460993	9550576	0.81	cps
Terbium	159-2	1658462	1708945	1684100	1683836	1.50	cps
Thallium	203-1	475	367	275	372	26.90	cps
Thallium	205-1	758	908	933	867	10.92	cps
Tin	118-1	1158	1475	1167	1267	14.25	cps
Titanium	47-1	117	67	50	78	44.61	cps
Uranium	238-1	100	142	108	117	18.90	cps
Vanadium	51-2	0	3	7	3	100.05	cps
Yttrium	89-1	7354488	7175292	7029122	7186301	2.27	cps
Yttrium	89-2	171878	177452	175414	174915	1.61	cps
Zinc	66-2	23	7	23	18	54.11	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	PB107617BL	Instrumnet Name :	P8
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:41:25	DataFile Name :	074CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	633	642	700	658	5.52	cps
Zirconium	91-1	175	150	192	172	12.18	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	PB107617BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:44:49	DataFile Name :	075LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	67	158	103	47.51	cps
Antimony	121-1	23238	23597	23480	23438	0.78	cps
Arsenic	75-1	3091	2963	3518	3191	9.12	cps
Barium	135-1	24115	24031	23781	23975	0.73	cps
Barium	137-1	40697	40346	40028	40357	0.83	cps
Beryllium	9-1	1406	1411	1506	1441	3.90	cps
Bismuth	209-1	6212692	6266412	6363268	6280791	1.21	cps
Bismuth	209-2	1515521	1492678	1467681	1491960	1.60	cps
Boron	10-1	3676	3959	4101	3912	5.53	cps
Boron	11-1	17328	18504	18045	17959	3.30	cps
Cadmium	111-1	3088	3300	3032	3140	4.50	cps
Cadmium	106-1	1525	1583	1509	1539	2.56	cps
Cadmium	108-1	150	208	213	190	18.37	cps
Calcium	43-1	11864	11122	11555	11514	3.24	cps
Calcium	44-1	185080	186760	187764	186535	0.73	cps
Chromium	52-2	1770	1944	1920	1878	5.01	cps
Cobalt	59-2	1820	1934	1730	1828	5.58	cps
Copper	63-2	3380	3310	3340	3344	1.05	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	58	25	100	61	61.49	cps
Erbium	164-2	10	3	7	7	50.03	cps
Gadolinium	160-1	33	33	58	42	34.65	cps
Gadolinium	160-2	7	0	10	6	91.64	cps
Holmium	165-1	9277982	9192900	9430429	9300437	1.29	cps
Holmium	165-2	1789270	1769057	1748582	1768970	1.15	cps
Indium	115-1	7174754	7078109	7295633	7182832	1.52	cps
Indium	115-2	243292	243337	236430	241020	1.65	cps
Iron	56-2	95146	94949	94882	94992	0.14	cps
Iron	57-2	2434	2345	2373	2384	1.91	cps
Krypton	83-1	210	237	230	226	6.15	cps
Lead	206-1	8131	8170	8092	8131	0.48	cps
Lead	207-1	7247	7319	7024	7197	2.13	cps
Lead	208-1	32856	32417	32679	32651	0.68	cps
Lithium	6-1	1208086	1212789	1240460	1220445	1.43	cps
Magnesium	24-2	15534	14266	15033	14944	4.27	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	PB107617BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:44:49	DataFile Name :	075LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	233	207	237	226	7.29	cps
Molybdenum	94-1	18580	18338	17846	18255	2.05	cps
Molybdenum	95-1	22102	22753	22453	22436	1.45	cps
Molybdenum	96-1	24757	24982	25800	25180	2.18	cps
Molybdenum	97-1	13791	14033	13582	13802	1.63	cps
Molybdenum	98-1	36107	35539	36366	36004	1.18	cps
Neodymium	150-1	7	0	33	13	132.28	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	857	950	820	876	7.66	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	8445	7953	8495	8297	3.61	cps
Rhodium	103-1	6519083	6515080	6675082	6569748	1.39	cps
Rhodium	103-2	1594304	1570289	1539174	1567922	1.76	cps
Scandium	45-1	3814477	3830083	3868974	3837845	0.73	cps
Scandium	45-2	25497	24979	24525	25000	1.94	cps
Selenium	77-2	13	0	7	7	99.98	cps
Selenium	78-2	9	11	11	10	10.18	cps
Selenium	82-1	694	631	714	680	6.37	cps
Silicon	28-1	299312	299971	299645	299643	0.11	cps
Silver	109-1	11305	10855	11255	11138	2.22	cps
Silver	107-1	11539	11522	11823	11628	1.45	cps
Sodium	23-2	36590	36490	34735	35938	2.90	cps
Strontium	86-1	3351	3109	3159	3206	3.98	cps
Strontium	88-1	24490	25149	25525	25054	2.09	cps
Sulfur	34-1	258981	262554	262196	261244	0.75	cps
Terbium	159-1	9593973	9482165	9708288	9594809	1.18	cps
Terbium	159-2	1702006	1679343	1658949	1680099	1.28	cps
Thallium	203-1	9546	9754	9454	9585	1.61	cps
Thallium	205-1	22938	22988	23130	23019	0.43	cps
Tin	118-1	37971	38097	38013	38027	0.17	cps
Titanium	47-1	5643	5401	5193	5412	4.16	cps
Uranium	238-1	29386	28266	29327	28993	2.17	cps
Vanadium	51-2	3000	2910	2884	2931	2.09	cps
Yttrium	89-1	7182048	7139670	7350891	7224203	1.55	cps
Yttrium	89-2	175870	175683	171922	174492	1.28	cps
Zinc	66-2	283	240	337	287	16.89	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	PB107617BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:44:49	DataFile Name :	075LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	16143	16544	16769	16486	1.92	cps
Zirconium	91-1	3909	3501	3684	3698	5.53	cps

LB Number : LB94183 Operator : Jaswal
 Lab Sample ID : PB107618BL Instrumnet Name : P8
 Client Sample ID : PBS008 Dilution Factor : 1
 Date & Time Acquired :: 2018-03-23 20:48:11 DataFile Name : 076CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	0	17	0	6	173.21	cps
Antimony	121-1	758	967	1083	936	17.59	cps
Arsenic	75-1	341	448	448	412	15.03	cps
Barium	135-1	8	0	0	3	173.21	cps
Barium	137-1	50	33	50	44	21.66	cps
Beryllium	9-1	78	78	100	85	15.06	cps
Bismuth	209-1	6084522	6321842	6271058	6225807	2.01	cps
Bismuth	209-2	1509035	1480430	1494227	1494564	0.96	cps
Boron	10-1	483	333	317	378	24.30	cps
Boron	11-1	1700	1567	1450	1572	7.96	cps
Cadmium	111-1	873	799	916	863	6.85	cps
Cadmium	106-1	1242	1133	1308	1228	7.19	cps
Cadmium	108-1	0	4	13	6	114.53	cps
Calcium	43-1	392	375	475	414	12.94	cps
Calcium	44-1	7894	7711	7978	7861	1.74	cps
Chromium	52-2	143	117	167	142	17.59	cps
Cobalt	59-2	17	33	17	22	43.28	cps
Copper	63-2	123	107	97	109	12.37	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	58	50	33	47	26.97	cps
Erbium	164-2	0	3	10	4	114.60	cps
Gadolinium	160-1	8	25	17	17	50.01	cps
Gadolinium	160-2	3	0	3	2	86.60	cps
Holmium	165-1	9078136	9291292	9320942	9230123	1.44	cps
Holmium	165-2	1807042	1743683	1770598	1773774	1.79	cps
Indium	115-1	7085883	7238981	7124482	7149782	1.11	cps
Indium	115-2	243475	241525	241536	242179	0.46	cps
Iron	56-2	833	828	850	837	1.38	cps
Iron	57-2	6	22	33	20	68.62	cps
Krypton	83-1	240	280	230	250	10.58	cps
Lead	206-1	417	383	439	413	6.77	cps
Lead	207-1	394	361	317	357	10.92	cps
Lead	208-1	1645	1572	1567	1595	2.72	cps
Lithium	6-1	1200459	1264579	1228995	1231344	2.61	cps
Magnesium	24-2	125	142	142	136	7.07	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	PB107618BL	Instrumnet Name :	P8
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:48:11	DataFile Name :	076CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	7	13	17	12	41.65	cps
Molybdenum	94-1	383	383	417	394	4.88	cps
Molybdenum	95-1	342	367	492	400	20.09	cps
Molybdenum	96-1	292	450	492	411	25.67	cps
Molybdenum	97-1	183	217	275	225	20.62	cps
Molybdenum	98-1	433	758	625	606	26.98	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	310	323	270	301	9.22	cps
Phosphorus	31-2	8	0	8	6	86.60	cps
Potassium	39-2	1300	1350	1150	1267	8.22	cps
Rhodium	103-1	6394117	6604778	6517882	6505593	1.63	cps
Rhodium	103-2	1594713	1555076	1583973	1577921	1.30	cps
Scandium	45-1	3782324	3900819	3844432	3842525	1.54	cps
Scandium	45-2	25420	24989	24385	24931	2.09	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	0	0	2	1	173.21	cps
Selenium	82-1	-56	-57	-28	-47	-35.55	cps
Silicon	28-1	235967	238945	241543	238818	1.17	cps
Silver	109-1	67	67	83	72	13.33	cps
Silver	107-1	92	150	108	117	25.76	cps
Sodium	23-2	2100	2467	2259	2275	8.08	cps
Strontium	86-1	400	233	367	333	26.46	cps
Strontium	88-1	125	133	217	158	32.01	cps
Sulfur	34-1	264683	261144	264157	263328	0.73	cps
Terbium	159-1	9317573	9744634	9510663	9524290	2.25	cps
Terbium	159-2	1697839	1687641	1684504	1689995	0.41	cps
Thallium	203-1	325	333	317	325	2.56	cps
Thallium	205-1	808	642	875	775	15.51	cps
Tin	118-1	1083	1158	1108	1117	3.42	cps
Titanium	47-1	83	83	83	83	0.00	cps
Uranium	238-1	42	42	58	47	20.38	cps
Vanadium	51-2	3	3	10	6	69.34	cps
Yttrium	89-1	7019198	7286821	7201743	7169254	1.91	cps
Yttrium	89-2	177807	175785	173309	175634	1.28	cps
Zinc	66-2	30	27	40	32	21.53	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	PB107618BL	Instrumnet Name :	P8
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:48:11	DataFile Name :	076CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	433	658	533	542	20.81	cps
Zirconium	91-1	117	250	150	172	40.29	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	PB107618BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:51:34	DataFile Name :	077LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	75	133	103	28.48	cps
Antimony	121-1	22320	21969	22019	22103	0.86	cps
Arsenic	75-1	3334	2881	3318	3177	8.08	cps
Barium	135-1	22320	23463	23305	23029	2.69	cps
Barium	137-1	40037	39828	41023	40296	1.58	cps
Beryllium	9-1	1478	1367	1428	1424	3.91	cps
Bismuth	209-1	6258201	6298570	6124902	6227225	1.46	cps
Bismuth	209-2	1499811	1489809	1508596	1499405	0.63	cps
Boron	10-1	3367	3726	3559	3551	5.05	cps
Boron	11-1	17152	18087	17587	17609	2.66	cps
Cadmium	111-1	3019	2976	3240	3078	4.61	cps
Cadmium	106-1	1358	1558	1525	1481	7.24	cps
Cadmium	108-1	183	158	158	167	8.66	cps
Calcium	43-1	11405	10963	11388	11252	2.23	cps
Calcium	44-1	181501	184473	186472	184149	1.36	cps
Chromium	52-2	1833	1677	1893	1801	6.21	cps
Cobalt	59-2	1900	1810	1903	1871	2.83	cps
Copper	63-2	3387	3240	3164	3264	3.48	cps
Dysprosium	156-1	25	33	17	25	33.32	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	100	67	42	69	42.14	cps
Erbium	164-2	7	7	13	9	43.25	cps
Gadolinium	160-1	42	17	58	39	53.93	cps
Gadolinium	160-2	10	7	3	7	50.03	cps
Holmium	165-1	9252200	9430916	9084801	9255972	1.87	cps
Holmium	165-2	1786378	1773135	1793077	1784197	0.57	cps
Indium	115-1	7105985	7283011	7114399	7167798	1.39	cps
Indium	115-2	242861	239321	246447	242876	1.47	cps
Iron	56-2	94216	94311	93450	93993	0.50	cps
Iron	57-2	2272	2339	2345	2319	1.73	cps
Krypton	83-1	220	217	260	232	10.38	cps
Lead	206-1	7958	7558	7330	7615	4.18	cps
Lead	207-1	7152	6963	6941	7019	1.65	cps
Lead	208-1	31499	31856	31828	31728	0.62	cps
Lithium	6-1	1236692	1251915	1201565	1230057	2.10	cps
Magnesium	24-2	15134	15275	15117	15175	0.57	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	PB107618BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:51:34	DataFile Name :	077LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	203	247	240	230	10.14	cps
Molybdenum	94-1	18263	18822	18313	18466	1.67	cps
Molybdenum	95-1	21610	21601	22378	21863	2.04	cps
Molybdenum	96-1	24055	24640	24089	24261	1.35	cps
Molybdenum	97-1	13416	14250	13616	13760	3.17	cps
Molybdenum	98-1	33818	34570	35146	34512	1.93	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	880	927	967	924	4.69	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	8053	8570	8695	8439	4.03	cps
Rhodium	103-1	6511657	6640705	6409179	6520514	1.78	cps
Rhodium	103-2	1564532	1546965	1597337	1569611	1.63	cps
Scandium	45-1	3816326	3884497	3798988	3833270	1.18	cps
Scandium	45-2	25547	25173	25630	25450	0.96	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	4	2	11	6	88.24	cps
Selenium	82-1	701	641	641	661	5.21	cps
Silicon	28-1	302476	305206	305043	304242	0.50	cps
Silver	109-1	10671	10980	10521	10724	2.18	cps
Silver	107-1	11280	11580	10688	11183	4.06	cps
Sodium	23-2	36540	37651	36874	37022	1.54	cps
Strontium	86-1	3067	3009	3301	3126	4.94	cps
Strontium	88-1	23388	25500	25174	24687	4.61	cps
Sulfur	34-1	260459	267545	266062	264688	1.41	cps
Terbium	159-1	9598048	9783656	9411270	9597658	1.94	cps
Terbium	159-2	1699688	1668423	1731707	1699939	1.86	cps
Thallium	203-1	9813	9738	9796	9782	0.40	cps
Thallium	205-1	22145	22037	22571	22251	1.27	cps
Tin	118-1	37412	37704	37655	37590	0.42	cps
Titanium	47-1	5868	5443	5710	5674	3.79	cps
Uranium	238-1	28133	28308	28183	28208	0.32	cps
Vanadium	51-2	2890	2857	2860	2869	0.64	cps
Yttrium	89-1	7157367	7316972	7071366	7181902	1.74	cps
Yttrium	89-2	176749	173861	176962	175857	0.98	cps
Zinc	66-2	293	357	353	334	10.66	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	PB107618BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:51:34	DataFile Name :	077LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	15985	16110	16210	16102	0.70	cps
Zirconium	91-1	3592	3392	3509	3498	2.87	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-03	Instrumnet Name :	P8
Client Sample ID :	MDAND5D	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:54:56	DataFile Name :	078SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5059	5159	4559	4926	6.53	cps
Antimony	121-1	908	1025	1200	1045	14.06	cps
Arsenic	75-1	1712	1130	1485	1442	20.35	cps
Barium	135-1	11489	10805	10847	11047	3.47	cps
Barium	137-1	19849	19290	19749	19629	1.52	cps
Beryllium	9-1	139	111	56	102	41.66	cps
Bismuth	209-1	6363876	6212749	6175563	6250729	1.60	cps
Bismuth	209-2	1444102	1461531	1459981	1455205	0.66	cps
Boron	10-1	383	333	283	333	15.00	cps
Boron	11-1	1642	2411	1542	1865	25.50	cps
Cadmium	111-1	977	950	977	968	1.64	cps
Cadmium	106-1	1333	1283	1325	1314	2.04	cps
Cadmium	108-1	21	4	13	13	66.64	cps
Calcium	43-1	20541	20524	21601	20889	2.95	cps
Calcium	44-1	338932	338752	334737	337474	0.70	cps
Chromium	52-2	3797	3631	4047	3825	5.48	cps
Cobalt	59-2	133	133	127	131	2.94	cps
Copper	63-2	1290	1417	1327	1345	4.85	cps
Dysprosium	156-1	725	767	725	739	3.26	cps
Dysprosium	156-2	187	173	180	180	3.70	cps
Erbium	164-1	575	358	517	483	23.20	cps
Erbium	164-2	427	97	73	199	99.40	cps
Gadolinium	160-1	775	750	775	767	1.88	cps
Gadolinium	160-2	157	137	177	157	12.77	cps
Holmium	165-1	9408196	9228272	9182525	9272998	1.29	cps
Holmium	165-2	1721065	1690921	1735775	1715920	1.33	cps
Indium	115-1	7204790	7104520	7011530	7106947	1.36	cps
Indium	115-2	232687	234417	235871	234325	0.68	cps
Iron	56-2	48106	47967	49055	48376	1.22	cps
Iron	57-2	1256	1133	1178	1189	5.20	cps
Krypton	83-1	190	177	267	211	23.01	cps
Lead	206-1	26155	26628	26467	26417	0.91	cps
Lead	207-1	21875	22003	21507	21795	1.18	cps
Lead	208-1	102548	101090	101695	101777	0.72	cps
Lithium	6-1	1206513	1181926	1167879	1185439	1.65	cps
Magnesium	24-2	1292	1542	1208	1347	12.88	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-03	Instrumnet Name :	P8
Client Sample ID :	MDAND5D	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:54:56	DataFile Name :	078SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	193	140	120	151	25.09	cps
Molybdenum	94-1	2193	1692	1750	1878	14.59	cps
Molybdenum	95-1	375	533	567	492	20.83	cps
Molybdenum	96-1	750	700	917	789	14.38	cps
Molybdenum	97-1	250	217	400	289	33.80	cps
Molybdenum	98-1	833	775	725	778	6.97	cps
Neodymium	150-1	1800	1500	1367	1556	14.27	cps
Neodymium	150-2	153	147	123	141	11.16	cps
Nickel	60-2	1403	1403	1290	1366	4.79	cps
Phosphorus	31-2	8	42	42	31	62.99	cps
Potassium	39-2	1325	1192	1308	1275	5.70	cps
Rhodium	103-1	6590587	6540129	6421328	6517348	1.33	cps
Rhodium	103-2	1533537	1566030	1555435	1551667	1.07	cps
Scandium	45-1	3834414	3847846	3749871	3810710	1.39	cps
Scandium	45-2	24315	24094	24572	24327	0.98	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	4	0	4	2	86.60	cps
Selenium	82-1	24	50	-31	14	287.74	cps
Silicon	28-1	1947974	3239343	2275704	2487673	26.98	cps
Silver	109-1	367	258	325	317	17.26	cps
Silver	107-1	292	383	417	364	17.79	cps
Sodium	23-2	3817	3826	3742	3795	1.21	cps
Strontium	86-1	44716	44498	43721	44312	1.18	cps
Strontium	88-1	384666	381801	384144	383537	0.40	cps
Sulfur	34-1	256049	251532	251889	253157	0.99	cps
Terbium	159-1	9784649	9462403	9469928	9572327	1.92	cps
Terbium	159-2	1633147	1634428	1688923	1652166	1.93	cps
Thallium	203-1	533	417	592	514	17.34	cps
Thallium	205-1	1283	1117	1158	1186	7.31	cps
Tin	118-1	2100	1950	2084	2045	4.02	cps
Titanium	47-1	10821	14602	66549	30657	101.58	cps
Uranium	238-1	2384	2559	2817	2587	8.43	cps
Vanadium	51-2	670	740	677	696	5.56	cps
Yttrium	89-1	7407816	7162724	7102878	7224473	2.24	cps
Yttrium	89-2	171304	169873	171979	171052	0.63	cps
Zinc	66-2	383	397	327	369	10.08	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-03	Instrumnet Name :	P8
Client Sample ID :	MDAND5D	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 20:54:56	DataFile Name :	078SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3226	7874	3909	5003	50.17	cps
Zirconium	91-1	925	2230	758	1304	61.77	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-02LX5	Instrumnet Name :	P8
Client Sample ID :	MDAND5L	Dilution Factor :	5
Date & Time Acquired ::	2018-03-23 20:58:17	DataFile Name :	079SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	800	858	833	831	3.52	cps
Antimony	121-1	558	517	592	556	6.76	cps
Arsenic	75-1	642	782	760	728	10.37	cps
Barium	135-1	2275	2209	2192	2225	1.98	cps
Barium	137-1	3984	3734	4042	3920	4.18	cps
Beryllium	9-1	94	100	117	104	11.15	cps
Bismuth	209-1	6012524	6092666	6091968	6065719	0.76	cps
Bismuth	209-2	1414828	1456235	1424952	1432005	1.51	cps
Boron	10-1	225	208	208	214	4.50	cps
Boron	11-1	917	1058	1100	1025	9.38	cps
Cadmium	111-1	686	773	892	784	13.16	cps
Cadmium	106-1	967	1075	1275	1106	14.15	cps
Cadmium	108-1	4	0	25	10	137.74	cps
Calcium	43-1	4484	4593	4142	4406	5.33	cps
Calcium	44-1	72035	71131	69892	71019	1.52	cps
Chromium	52-2	773	1040	887	900	14.89	cps
Cobalt	59-2	33	33	43	37	15.75	cps
Copper	63-2	310	313	387	337	12.87	cps
Dysprosium	156-1	167	167	150	161	5.97	cps
Dysprosium	156-2	23	33	20	26	27.15	cps
Erbium	164-1	100	158	150	136	23.18	cps
Erbium	164-2	3	33	23	20	76.39	cps
Gadolinium	160-1	125	158	67	117	39.77	cps
Gadolinium	160-2	37	23	33	31	22.31	cps
Holmium	165-1	9253228	9045434	9124137	9140933	1.15	cps
Holmium	165-2	1697962	1749999	1706438	1718133	1.63	cps
Indium	115-1	7112753	6930175	7033508	7025479	1.30	cps
Indium	115-2	230735	237653	232283	233557	1.55	cps
Iron	56-2	10082	9593	10509	10061	4.56	cps
Iron	57-2	256	278	233	256	8.70	cps
Krypton	83-1	210	247	163	207	20.21	cps
Lead	206-1	5874	5851	6352	6026	4.69	cps
Lead	207-1	4768	4957	4518	4747	4.64	cps
Lead	208-1	23031	22953	23320	23102	0.84	cps
Lithium	6-1	1186896	1192526	1176512	1185312	0.69	cps
Magnesium	24-2	458	383	433	425	8.98	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-02LX5	Instrumnet Name :	P8
Client Sample ID :	MDAND5L	Dilution Factor :	5
Date & Time Acquired ::	2018-03-23 20:58:17	DataFile Name :	079SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	67	37	37	47	37.11	cps
Molybdenum	94-1	458	500	608	522	14.82	cps
Molybdenum	95-1	192	192	242	208	13.86	cps
Molybdenum	96-1	225	433	283	314	34.24	cps
Molybdenum	97-1	108	242	317	222	47.48	cps
Molybdenum	98-1	242	358	392	331	23.83	cps
Neodymium	150-1	273	287	333	298	10.58	cps
Neodymium	150-2	20	43	50	38	41.70	cps
Nickel	60-2	447	523	513	494	8.43	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	1200	1133	1050	1128	6.66	cps
Rhodium	103-1	6486938	6312025	6449199	6416054	1.43	cps
Rhodium	103-2	1468253	1553870	1502156	1508093	2.86	cps
Scandium	45-1	3803660	3693484	3740303	3745815	1.48	cps
Scandium	45-2	23630	23777	23650	23686	0.34	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	4	0	1	173.21	cps
Selenium	82-1	-17	0	33	5	485.26	cps
Silicon	28-1	561030	665864	556985	594626	10.38	cps
Silver	109-1	108	133	100	114	15.23	cps
Silver	107-1	233	258	142	211	29.10	cps
Sodium	23-2	2484	2392	2659	2511	5.40	cps
Strontium	86-1	8611	8353	8736	8567	2.28	cps
Strontium	88-1	72368	72544	73364	72759	0.73	cps
Sulfur	34-1	247369	251525	250277	249724	0.85	cps
Terbium	159-1	9450563	9356762	9451222	9419515	0.58	cps
Terbium	159-2	1614950	1651854	1634253	1633686	1.13	cps
Thallium	203-1	217	167	158	181	17.47	cps
Thallium	205-1	358	333	475	389	19.44	cps
Tin	118-1	1333	1358	1417	1370	3.12	cps
Titanium	47-1	5402	19724	3792	9639	90.99	cps
Uranium	238-1	417	542	508	489	13.24	cps
Vanadium	51-2	180	127	163	157	17.41	cps
Yttrium	89-1	7122316	7000645	7081423	7068128	0.88	cps
Yttrium	89-2	166361	172404	169142	169302	1.79	cps
Zinc	66-2	100	143	83	109	28.44	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-02LX5	Instrumnet Name :	P8
Client Sample ID :	MDAND5L	Dilution Factor :	5
Date & Time Acquired ::	2018-03-23 20:58:17	DataFile Name :	079SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	983	675	1100	920	23.88	cps
Zirconium	91-1	158	225	425	269	51.51	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-04	Instrumnet Name :	P8
Client Sample ID :	MDAND5S	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:01:39	DataFile Name :	080SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5310	5843	5868	5674	5.56	cps
Antimony	121-1	113143	112824	111378	112448	0.84	cps
Arsenic	75-1	11725	12204	13212	12381	6.13	cps
Barium	135-1	487330	485951	484370	485884	0.30	cps
Barium	137-1	848759	845591	848169	847506	0.20	cps
Beryllium	9-1	6246	6290	6107	6214	1.54	cps
Bismuth	209-1	6340986	6241824	6369983	6317598	1.06	cps
Bismuth	209-2	1488692	1493398	1466506	1482865	0.97	cps
Boron	10-1	175	258	133	189	33.70	cps
Boron	11-1	983	1075	1000	1020	4.79	cps
Cadmium	111-1	12258	12588	12224	12357	1.63	cps
Cadmium	106-1	1909	2375	1959	2081	12.32	cps
Cadmium	108-1	750	763	771	761	1.38	cps
Calcium	43-1	19915	20416	19631	19987	1.99	cps
Calcium	44-1	326233	325873	323530	325212	0.45	cps
Chromium	52-2	19203	18536	19631	19123	2.89	cps
Cobalt	59-2	90868	90830	90421	90706	0.27	cps
Copper	63-2	41017	40746	40135	40633	1.11	cps
Dysprosium	156-1	833	892	858	861	3.40	cps
Dysprosium	156-2	127	103	113	114	10.23	cps
Erbium	164-1	592	558	500	550	8.44	cps
Erbium	164-2	63	73	117	84	33.58	cps
Gadolinium	160-1	558	583	775	639	18.55	cps
Gadolinium	160-2	157	223	163	181	20.27	cps
Holmium	165-1	9231886	9240745	9452480	9308370	1.34	cps
Holmium	165-2	1740387	1751443	1735226	1742352	0.48	cps
Indium	115-1	7117200	7115592	7419313	7217368	2.42	cps
Indium	115-2	237715	237457	234220	236464	0.82	cps
Iron	56-2	98696	98093	98227	98339	0.32	cps
Iron	57-2	2606	2611	2517	2578	2.06	cps
Krypton	83-1	200	180	213	198	8.48	cps
Lead	206-1	41713	40649	40381	40914	1.72	cps
Lead	207-1	34637	34236	34687	34520	0.72	cps
Lead	208-1	160763	160819	160471	160684	0.12	cps
Lithium	6-1	1187141	1180404	1217769	1195105	1.67	cps
Magnesium	24-2	1617	1242	1300	1386	14.56	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-04	Instrumnet Name :	P8
Client Sample ID :	MDAND5S	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:01:39	DataFile Name :	080SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	10984	10758	10754	10832	1.22	cps
Molybdenum	94-1	1425	1367	1951	1581	20.34	cps
Molybdenum	95-1	325	467	350	381	19.87	cps
Molybdenum	96-1	800	675	850	775	11.64	cps
Molybdenum	97-1	275	258	242	258	6.45	cps
Molybdenum	98-1	658	750	567	658	13.92	cps
Neodymium	150-1	1427	1547	1413	1462	5.02	cps
Neodymium	150-2	130	150	187	156	18.48	cps
Nickel	60-2	27601	27370	27234	27402	0.68	cps
Phosphorus	31-2	8	25	17	17	50.01	cps
Potassium	39-2	1200	1125	1142	1156	3.41	cps
Rhodium	103-1	6492833	6543391	6625954	6554059	1.03	cps
Rhodium	103-2	1557039	1588984	1535865	1560629	1.71	cps
Scandium	45-1	3781158	3733049	3828143	3780783	1.26	cps
Scandium	45-2	24742	23941	24285	24322	1.65	cps
Selenium	77-2	7	3	10	7	50.03	cps
Selenium	78-2	20	4	22	15	66.11	cps
Selenium	82-1	1437	1447	1429	1438	0.65	cps
Silicon	28-1	2213014	1533810	1447522	1731449	24.22	cps
Silver	109-1	52085	51716	52938	52247	1.20	cps
Silver	107-1	55122	53064	55381	54523	2.33	cps
Sodium	23-2	3334	3617	3709	3553	5.50	cps
Strontium	86-1	41899	43077	41807	42261	1.68	cps
Strontium	88-1	370812	369999	371149	370653	0.16	cps
Sulfur	34-1	245597	244412	240495	243501	1.10	cps
Terbium	159-1	9566655	9534908	9838457	9646673	1.73	cps
Terbium	159-2	1688277	1690369	1654156	1677601	1.21	cps
Thallium	203-1	46202	46972	46746	46640	0.85	cps
Thallium	205-1	111949	111447	112957	112118	0.69	cps
Tin	118-1	2084	1942	2184	2070	5.88	cps
Titanium	47-1	11190	29787	11097	17358	62.01	cps
Uranium	238-1	2359	2459	2542	2453	3.74	cps
Vanadium	51-2	29976	29919	29945	29947	0.09	cps
Yttrium	89-1	7243140	7067703	7252988	7187944	1.45	cps
Yttrium	89-2	171299	174235	169873	171802	1.29	cps
Zinc	66-2	6899	6875	6778	6851	0.93	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-04	Instrumnet Name :	P8
Client Sample ID :	MDAND5S	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:01:39	DataFile Name :	080SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3309	3384	3818	3504	7.85	cps
Zirconium	91-1	800	825	867	831	4.06	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-05	Instrumnet Name :	P8
Client Sample ID :	MDAND6	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:04:59	DataFile Name :	081SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7085	8169	7302	7519	7.63	cps
Antimony	121-1	983	1258	1250	1164	13.44	cps
Arsenic	75-1	950	1031	1360	1114	19.49	cps
Barium	135-1	27196	26945	26786	26976	0.77	cps
Barium	137-1	46591	47095	46441	46709	0.73	cps
Beryllium	9-1	117	106	100	107	7.90	cps
Bismuth	209-1	6343337	6401804	6462542	6402561	0.93	cps
Bismuth	209-2	1497694	1489816	1454402	1480637	1.56	cps
Boron	10-1	200	175	175	183	7.87	cps
Boron	11-1	942	850	800	864	8.32	cps
Cadmium	111-1	890	904	1005	933	6.75	cps
Cadmium	106-1	1058	1133	1175	1122	5.27	cps
Cadmium	108-1	38	21	25	28	31.23	cps
Calcium	43-1	15159	15250	14533	14981	2.61	cps
Calcium	44-1	243632	240436	242521	242196	0.67	cps
Chromium	52-2	1503	1660	1513	1559	5.63	cps
Cobalt	59-2	103	117	100	107	8.27	cps
Copper	63-2	1700	1537	1590	1609	5.18	cps
Dysprosium	156-1	833	783	892	836	6.49	cps
Dysprosium	156-2	193	160	180	178	9.44	cps
Erbium	164-1	592	500	492	528	10.51	cps
Erbium	164-2	117	73	77	89	27.13	cps
Gadolinium	160-1	908	642	850	800	17.52	cps
Gadolinium	160-2	207	140	200	182	20.15	cps
Holmium	165-1	9306255	9431032	9500654	9412647	1.05	cps
Holmium	165-2	1746722	1741154	1699404	1729093	1.50	cps
Indium	115-1	7237425	7137209	7249414	7208016	0.85	cps
Indium	115-2	239326	235863	230916	235368	1.80	cps
Iron	56-2	98520	99787	98161	98823	0.86	cps
Iron	57-2	2550	2628	2573	2584	1.55	cps
Krypton	83-1	277	213	220	237	14.71	cps
Lead	206-1	21396	22415	21569	21793	2.50	cps
Lead	207-1	17763	18397	18097	18086	1.75	cps
Lead	208-1	84535	86433	84947	85305	1.17	cps
Lithium	6-1	1202086	1190948	1209334	1200790	0.77	cps
Magnesium	24-2	1483	1425	1317	1408	6.01	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-05	Instrumnet Name :	P8
Client Sample ID :	MDAND6	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:04:59	DataFile Name :	081SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	460	457	497	471	4.71	cps
Molybdenum	94-1	2427	1800	1809	2012	17.87	cps
Molybdenum	95-1	367	292	475	378	24.40	cps
Molybdenum	96-1	600	625	483	569	13.28	cps
Molybdenum	97-1	267	333	492	364	31.78	cps
Molybdenum	98-1	533	517	567	539	4.72	cps
Neodymium	150-1	1407	1267	1300	1325	5.52	cps
Neodymium	150-2	187	190	227	201	11.03	cps
Nickel	60-2	737	740	710	729	2.26	cps
Phosphorus	31-2	67	25	33	42	52.92	cps
Potassium	39-2	1317	1317	1483	1372	7.01	cps
Rhodium	103-1	6584082	6640275	6675332	6633230	0.69	cps
Rhodium	103-2	1586549	1557750	1540605	1561635	1.49	cps
Scandium	45-1	3800137	3778960	3837204	3805433	0.77	cps
Scandium	45-2	24385	24245	23199	23943	2.70	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	6	7	0	4	89.21	cps
Selenium	82-1	-45	9	40	2	2687.56	cps
Silicon	28-1	2289451	7341794	2770467	4133904	67.45	cps
Silver	109-1	275	308	367	317	14.65	cps
Silver	107-1	267	425	342	344	23.00	cps
Sodium	23-2	3192	3476	3651	3439	6.73	cps
Strontium	86-1	29641	28673	27562	28625	3.63	cps
Strontium	88-1	243218	240570	240315	241368	0.67	cps
Sulfur	34-1	235795	236368	236634	236266	0.18	cps
Terbium	159-1	9663269	9709720	9829919	9734303	0.88	cps
Terbium	159-2	1674405	1678371	1612778	1655185	2.22	cps
Thallium	203-1	183	183	225	197	12.20	cps
Thallium	205-1	467	458	383	436	10.52	cps
Tin	118-1	1634	1717	1784	1711	4.39	cps
Titanium	47-1	20157	27896	23173	23742	16.43	cps
Uranium	238-1	2142	2217	2459	2273	7.29	cps
Vanadium	51-2	700	773	727	733	5.06	cps
Yttrium	89-1	7308523	7191306	7268743	7256191	0.82	cps
Yttrium	89-2	172409	171726	167540	170559	1.55	cps
Zinc	66-2	7249	7535	7442	7409	1.97	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-05	Instrumnet Name :	P8
Client Sample ID :	MDAND6	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:04:59	DataFile Name :	081SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4995	209905	4077	72992	162.44	cps
Zirconium	91-1	967	2316	1578	1620	41.70	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-06	Instrumnet Name :	P8
Client Sample ID :	MDAND7	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:08:20	DataFile Name :	082SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3184	3526	2917	3209	9.51	cps
Antimony	121-1	1759	1584	1917	1753	9.51	cps
Arsenic	75-1	1533	1316	1213	1354	12.05	cps
Barium	135-1	4843	4709	4976	4843	2.75	cps
Barium	137-1	8586	9187	9270	9015	4.14	cps
Beryllium	9-1	139	128	106	124	13.68	cps
Bismuth	209-1	6334698	6467503	6460439	6420880	1.16	cps
Bismuth	209-2	1506163	1481727	1461718	1483203	1.50	cps
Boron	10-1	233	142	158	178	27.47	cps
Boron	11-1	925	842	1042	936	10.73	cps
Cadmium	111-1	889	926	821	879	6.06	cps
Cadmium	106-1	1142	1217	1117	1158	4.49	cps
Cadmium	108-1	8	13	21	14	45.83	cps
Calcium	43-1	22752	22151	21884	22263	2.00	cps
Calcium	44-1	370373	367367	367362	368367	0.47	cps
Chromium	52-2	2020	2020	2074	2038	1.51	cps
Cobalt	59-2	57	60	53	57	5.89	cps
Copper	63-2	2170	2100	2170	2147	1.88	cps
Dysprosium	156-1	833	950	758	847	11.40	cps
Dysprosium	156-2	130	140	130	133	4.33	cps
Erbium	164-1	725	667	567	653	12.27	cps
Erbium	164-2	100	90	70	87	17.63	cps
Gadolinium	160-1	708	692	767	722	5.45	cps
Gadolinium	160-2	163	183	167	171	6.26	cps
Holmium	165-1	9377561	9400058	9481092	9419570	0.58	cps
Holmium	165-2	1782335	1755694	1719407	1752478	1.80	cps
Indium	115-1	7063489	7181908	7283320	7176239	1.53	cps
Indium	115-2	237854	233636	230966	234152	1.48	cps
Iron	56-2	96187	94110	97081	95793	1.59	cps
Iron	57-2	2678	2334	2300	2437	8.58	cps
Krypton	83-1	190	223	203	206	8.16	cps
Lead	206-1	78514	79850	79364	79243	0.85	cps
Lead	207-1	66223	66870	67775	66956	1.16	cps
Lead	208-1	307345	310524	312062	309977	0.78	cps
Lithium	6-1	1190889	1191176	1205672	1195912	0.71	cps
Magnesium	24-2	1942	1950	1767	1886	5.49	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-06	Instrumnet Name :	P8
Client Sample ID :	MDAND7	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:08:20	DataFile Name :	082SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	393	337	363	364	7.78	cps
Molybdenum	94-1	933	1542	1442	1306	25.00	cps
Molybdenum	95-1	300	308	417	342	19.05	cps
Molybdenum	96-1	558	725	633	639	13.07	cps
Molybdenum	97-1	275	183	275	244	21.65	cps
Molybdenum	98-1	450	517	467	478	7.26	cps
Neodymium	150-1	1327	1447	1387	1387	4.33	cps
Neodymium	150-2	143	153	133	143	6.98	cps
Nickel	60-2	583	420	450	484	17.95	cps
Phosphorus	31-2	8	17	0	8	100.02	cps
Potassium	39-2	1208	1192	1242	1214	2.10	cps
Rhodium	103-1	6490321	6546334	6643338	6559997	1.18	cps
Rhodium	103-2	1608074	1568165	1543077	1573105	2.08	cps
Scandium	45-1	3733890	3702903	3768317	3735037	0.88	cps
Scandium	45-2	23994	23927	24074	23999	0.31	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	4	0	1	173.21	cps
Selenium	82-1	38	-25	55	23	183.27	cps
Silicon	28-1	999421	1140783	1019865	1053357	7.25	cps
Silver	109-1	325	450	342	372	18.23	cps
Silver	107-1	317	408	400	375	13.52	cps
Sodium	23-2	3551	3509	3384	3481	2.49	cps
Strontium	86-1	27871	27687	28005	27854	0.57	cps
Strontium	88-1	234765	235136	237941	235947	0.74	cps
Sulfur	34-1	238240	234725	234338	235768	0.91	cps
Terbium	159-1	9610871	9798736	9887072	9765560	1.44	cps
Terbium	159-2	1691880	1658203	1627060	1659047	1.95	cps
Thallium	203-1	133	133	158	142	10.19	cps
Thallium	205-1	325	417	375	372	12.33	cps
Tin	118-1	6294	5952	6418	6221	3.89	cps
Titanium	47-1	18433	9770	6269	11491	54.49	cps
Uranium	238-1	2059	2242	2693	2331	14.00	cps
Vanadium	51-2	1100	1080	983	1055	5.92	cps
Yttrium	89-1	7168518	7202818	7324194	7231843	1.13	cps
Yttrium	89-2	173321	169572	167610	170167	1.71	cps
Zinc	66-2	387	477	393	419	11.97	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-06	Instrumnet Name :	P8
Client Sample ID :	MDAND7	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:08:20	DataFile Name :	082SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2384	2659	2951	2664	10.64	cps
Zirconium	91-1	817	633	1385	945	41.45	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-07	Instrumnet Name :	P8
Client Sample ID :	MDAND8	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:11:42	DataFile Name :	083SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2725	2817	2875	2806	2.70	cps
Antimony	121-1	1800	1584	1684	1689	6.42	cps
Arsenic	75-1	1639	1990	2111	1913	12.83	cps
Barium	135-1	24340	24590	23989	24306	1.24	cps
Barium	137-1	42770	42436	42703	42636	0.42	cps
Beryllium	9-1	78	100	72	83	17.64	cps
Bismuth	209-1	6313777	5945228	6453421	6237475	4.21	cps
Bismuth	209-2	1498910	1477773	1488049	1488244	0.71	cps
Boron	10-1	133	158	142	144	8.81	cps
Boron	11-1	675	867	700	747	13.94	cps
Cadmium	111-1	1265	1296	1213	1258	3.34	cps
Cadmium	106-1	1242	1292	1233	1256	2.51	cps
Cadmium	108-1	54	29	54	46	31.49	cps
Calcium	43-1	35872	35746	35596	35738	0.39	cps
Calcium	44-1	587959	590893	583126	587326	0.67	cps
Chromium	52-2	4421	4567	4197	4395	4.24	cps
Cobalt	59-2	300	283	310	298	4.52	cps
Copper	63-2	11465	11392	11602	11486	0.93	cps
Dysprosium	156-1	992	1108	1083	1061	5.79	cps
Dysprosium	156-2	193	187	223	201	9.71	cps
Erbium	164-1	1067	850	1117	1011	14.02	cps
Erbium	164-2	157	193	197	182	12.18	cps
Gadolinium	160-1	983	950	933	956	2.66	cps
Gadolinium	160-2	210	250	203	221	11.41	cps
Holmium	165-1	9389535	8742798	9449333	9193889	4.26	cps
Holmium	165-2	1782743	1737073	1763953	1761256	1.30	cps
Indium	115-1	7078527	6668719	7162129	6969792	3.79	cps
Indium	115-2	235959	232973	233730	234221	0.66	cps
Iron	56-2	335995	338507	335925	336809	0.44	cps
Iron	57-2	8703	8258	8375	8445	2.73	cps
Krypton	83-1	230	213	200	214	7.01	cps
Lead	206-1	200600	198410	201756	200255	0.85	cps
Lead	207-1	167045	165280	168932	167086	1.09	cps
Lead	208-1	779295	773930	781060	778095	0.48	cps
Lithium	6-1	1192399	1106725	1196643	1165256	4.35	cps
Magnesium	24-2	2834	3067	3042	2981	4.30	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-07	Instrumnet Name :	P8
Client Sample ID :	MDAND8	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:11:42	DataFile Name :	083SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4291	4394	4231	4305	1.92	cps
Molybdenum	94-1	1975	1717	1584	1759	11.33	cps
Molybdenum	95-1	383	433	517	444	15.16	cps
Molybdenum	96-1	942	825	858	875	6.87	cps
Molybdenum	97-1	292	433	267	331	27.19	cps
Molybdenum	98-1	817	683	775	758	8.99	cps
Neodymium	150-1	1827	1467	1433	1576	13.84	cps
Neodymium	150-2	197	177	173	182	6.92	cps
Nickel	60-2	787	807	780	791	1.75	cps
Phosphorus	31-2	100	92	75	89	14.32	cps
Potassium	39-2	1567	1550	1742	1620	6.56	cps
Rhodium	103-1	6468584	6094269	6532163	6365005	3.72	cps
Rhodium	103-2	1565831	1550872	1549923	1555542	0.57	cps
Scandium	45-1	3711672	3469935	3745383	3642330	4.13	cps
Scandium	45-2	23707	24168	23734	23869	1.08	cps
Selenium	77-2	0	7	3	3	100.05	cps
Selenium	78-2	0	4	0	1	173.21	cps
Selenium	82-1	-39	24	14	0	-7273.72	cps
Silicon	28-1	1029304	1023248	1221409	1091320	10.33	cps
Silver	109-1	550	583	617	583	5.71	cps
Silver	107-1	633	500	617	583	12.45	cps
Sodium	23-2	3201	3259	3126	3195	2.09	cps
Strontium	86-1	85124	82994	82877	83665	1.51	cps
Strontium	88-1	723755	726042	728944	726247	0.36	cps
Sulfur	34-1	240344	237548	239291	239061	0.59	cps
Terbium	159-1	9708832	9069807	9723264	9500634	3.93	cps
Terbium	159-2	1712906	1655283	1674659	1680949	1.74	cps
Thallium	203-1	225	142	125	164	32.69	cps
Thallium	205-1	367	433	408	403	8.36	cps
Tin	118-1	15935	16252	16185	16124	1.04	cps
Titanium	47-1	8686	22362	13516	14855	46.69	cps
Uranium	238-1	10738	11022	11231	10997	2.25	cps
Vanadium	51-2	1083	1003	1030	1039	3.92	cps
Yttrium	89-1	7150051	6669371	7230762	7016728	4.33	cps
Yttrium	89-2	173458	168667	170079	170735	1.44	cps
Zinc	66-2	4427	4367	4424	4406	0.77	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-07	Instrumnet Name :	P8
Client Sample ID :	MDAND8	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:11:42	DataFile Name :	083SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5522	3917	5055	4831	17.08	cps
Zirconium	91-1	1117	933	867	972	13.32	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-08	Instrumnet Name :	P8
Client Sample ID :	MDAND9	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:15:02	DataFile Name :	084SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2600	3184	2992	2925	10.17	cps
Antimony	121-1	1725	1684	1942	1784	7.78	cps
Arsenic	75-1	1897	1914	1681	1831	7.09	cps
Barium	135-1	24081	24474	24582	24379	1.08	cps
Barium	137-1	42612	41934	40948	41831	2.00	cps
Beryllium	9-1	89	167	133	130	30.10	cps
Bismuth	209-1	6425773	6549590	6386473	6453945	1.32	cps
Bismuth	209-2	1498924	1452905	1497056	1482962	1.76	cps
Boron	10-1	125	192	117	144	28.46	cps
Boron	11-1	800	892	842	845	5.44	cps
Cadmium	111-1	1224	1306	1339	1290	4.58	cps
Cadmium	106-1	1183	1208	1467	1286	12.20	cps
Cadmium	108-1	42	46	42	43	5.58	cps
Calcium	43-1	34310	33282	33499	33697	1.61	cps
Calcium	44-1	546786	552237	552978	550667	0.61	cps
Chromium	52-2	4341	4344	4291	4325	0.69	cps
Cobalt	59-2	337	277	257	290	14.36	cps
Copper	63-2	10554	10771	10638	10654	1.03	cps
Dysprosium	156-1	1158	1008	992	1053	8.72	cps
Dysprosium	156-2	207	160	193	187	12.88	cps
Erbium	164-1	1033	1058	967	1020	4.65	cps
Erbium	164-2	147	203	127	159	25.03	cps
Gadolinium	160-1	1133	975	900	1003	11.88	cps
Gadolinium	160-2	227	267	203	232	13.79	cps
Holmium	165-1	9421188	9471184	9265340	9385904	1.14	cps
Holmium	165-2	1758316	1709295	1745568	1737726	1.46	cps
Indium	115-1	7118333	7276435	7135307	7176692	1.21	cps
Indium	115-2	235894	228986	237017	233966	1.86	cps
Iron	56-2	310872	312407	310837	311372	0.29	cps
Iron	57-2	7686	8308	7602	7865	4.90	cps
Krypton	83-1	220	183	177	193	12.07	cps
Lead	206-1	189239	189291	188662	189064	0.18	cps
Lead	207-1	160237	158708	159935	159627	0.51	cps
Lead	208-1	739725	737775	741110	739537	0.23	cps
Lithium	6-1	1172455	1205232	1215566	1197751	1.88	cps
Magnesium	24-2	2884	3209	3225	3106	6.20	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-08	Instrumnet Name :	P8
Client Sample ID :	MDAND9	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:15:02	DataFile Name :	084SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3571	3641	3631	3614	1.05	cps
Molybdenum	94-1	2025	1625	1508	1720	15.76	cps
Molybdenum	95-1	508	558	650	572	12.56	cps
Molybdenum	96-1	667	850	875	797	14.27	cps
Molybdenum	97-1	342	342	450	378	16.56	cps
Molybdenum	98-1	2051	792	675	1172	65.05	cps
Neodymium	150-1	1647	1533	1573	1585	3.63	cps
Neodymium	150-2	143	150	203	166	19.86	cps
Nickel	60-2	713	757	737	736	2.95	cps
Phosphorus	31-2	108	92	67	89	23.59	cps
Potassium	39-2	1509	1609	1425	1514	6.06	cps
Rhodium	103-1	6455414	6576126	6489030	6506857	0.96	cps
Rhodium	103-2	1575561	1523731	1575445	1558246	1.92	cps
Scandium	45-1	3726470	3776811	3729118	3744133	0.76	cps
Scandium	45-2	23627	24018	24201	23948	1.22	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	4	2	2	2	43.30	cps
Selenium	82-1	0	30	36	22	88.47	cps
Silicon	28-1	1013485	1245912	1222143	1160513	11.02	cps
Silver	109-1	542	508	550	533	4.13	cps
Silver	107-1	667	617	642	642	3.90	cps
Sodium	23-2	3292	3192	3267	3251	1.60	cps
Strontium	86-1	80630	80739	81015	80795	0.25	cps
Strontium	88-1	686738	700632	696623	694665	1.03	cps
Sulfur	34-1	242836	236945	241055	240279	1.26	cps
Terbium	159-1	9770321	9831529	9652975	9751608	0.93	cps
Terbium	159-2	1687101	1619515	1670772	1659129	2.13	cps
Thallium	203-1	150	142	158	150	5.56	cps
Thallium	205-1	400	400	292	364	17.19	cps
Tin	118-1	14367	14533	14826	14575	1.59	cps
Titanium	47-1	11489	11695	10963	11382	3.31	cps
Uranium	238-1	9738	9696	10196	9877	2.81	cps
Vanadium	51-2	1033	1063	863	987	10.93	cps
Yttrium	89-1	7146797	7266536	7143552	7185628	0.98	cps
Yttrium	89-2	172945	167894	170492	170444	1.48	cps
Zinc	66-2	4194	4261	4367	4274	2.05	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-08	Instrumnet Name :	P8
Client Sample ID :	MDAND9	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:15:02	DataFile Name :	084SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4209	4285	4543	4346	4.02	cps
Zirconium	91-1	875	742	933	850	11.56	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-09	Instrumnet Name :	P8
Client Sample ID :	MDANE0	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:18:24	DataFile Name :	085SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	550	592	508	550	7.58	cps
Antimony	121-1	925	1108	1258	1097	15.22	cps
Arsenic	75-1	738	973	772	828	15.34	cps
Barium	135-1	14492	14408	14400	14433	0.35	cps
Barium	137-1	25976	25793	25667	25812	0.60	cps
Beryllium	9-1	94	78	78	83	11.55	cps
Bismuth	209-1	6283498	6265985	6222118	6257200	0.51	cps
Bismuth	209-2	1449509	1433423	1458118	1447017	0.87	cps
Boron	10-1	108	150	117	125	17.64	cps
Boron	11-1	617	533	567	572	7.33	cps
Cadmium	111-1	1174	1155	1132	1154	1.83	cps
Cadmium	106-1	1142	1225	1192	1186	3.54	cps
Cadmium	108-1	13	33	33	26	45.58	cps
Calcium	43-1	7069	6694	6994	6919	2.87	cps
Calcium	44-1	113498	114792	116119	114803	1.14	cps
Chromium	52-2	1793	1937	1957	1896	4.70	cps
Cobalt	59-2	107	97	100	101	5.04	cps
Copper	63-2	5591	5061	5475	5376	5.18	cps
Dysprosium	156-1	275	367	308	317	14.65	cps
Dysprosium	156-2	57	43	50	50	13.34	cps
Erbium	164-1	300	208	283	264	18.51	cps
Erbium	164-2	47	53	43	48	10.66	cps
Gadolinium	160-1	192	333	242	256	28.11	cps
Gadolinium	160-2	90	57	70	72	23.23	cps
Holmium	165-1	9333022	9422481	9138083	9297862	1.56	cps
Holmium	165-2	1728535	1676092	1727040	1710556	1.75	cps
Indium	115-1	7253391	7219403	7030003	7167599	1.68	cps
Indium	115-2	230867	226354	229565	228929	1.01	cps
Iron	56-2	47621	46417	46651	46896	1.36	cps
Iron	57-2	1267	1089	1106	1154	8.51	cps
Krypton	83-1	213	247	200	220	10.92	cps
Lead	206-1	29507	28093	29050	28883	2.50	cps
Lead	207-1	24446	22576	23400	23474	3.99	cps
Lead	208-1	113526	109070	112174	111590	2.05	cps
Lithium	6-1	1188625	1172363	1136314	1165767	2.30	cps
Magnesium	24-2	417	492	650	519	22.93	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-09	Instrumnet Name :	P8
Client Sample ID :	MDANE0	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:18:24	DataFile Name :	085SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	927	810	830	856	7.29	cps
Molybdenum	94-1	767	850	767	795	6.06	cps
Molybdenum	95-1	267	133	150	183	39.63	cps
Molybdenum	96-1	283	358	317	319	11.76	cps
Molybdenum	97-1	200	150	92	147	36.83	cps
Molybdenum	98-1	333	375	292	333	12.50	cps
Neodymium	150-1	433	440	340	404	13.82	cps
Neodymium	150-2	57	50	80	62	25.32	cps
Nickel	60-2	783	633	817	744	13.12	cps
Phosphorus	31-2	17	25	8	17	50.01	cps
Potassium	39-2	1192	1183	1083	1153	5.23	cps
Rhodium	103-1	6515500	6543071	6413963	6490844	1.05	cps
Rhodium	103-2	1539419	1531461	1531236	1534039	0.30	cps
Scandium	45-1	3754726	3728644	3701212	3728194	0.72	cps
Scandium	45-2	23690	23600	23303	23531	0.86	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	0	2	0	1	173.21	cps
Selenium	82-1	9	-61	-5	-19	-194.37	cps
Silicon	28-1	696467	672787	711279	693511	2.80	cps
Silver	109-1	308	458	317	361	23.34	cps
Silver	107-1	300	508	400	403	25.87	cps
Sodium	23-2	2767	2875	2625	2756	4.55	cps
Strontium	86-1	13332	13391	13015	13246	1.53	cps
Strontium	88-1	112705	109184	113427	111772	2.03	cps
Sulfur	34-1	236287	234218	234939	235148	0.45	cps
Terbium	159-1	9586846	9700461	9459122	9582143	1.26	cps
Terbium	159-2	1668226	1618846	1650994	1646022	1.52	cps
Thallium	203-1	108	75	125	103	24.77	cps
Thallium	205-1	292	275	333	300	10.02	cps
Tin	118-1	4026	4251	4076	4117	2.87	cps
Titanium	47-1	7261	7114	6553	6976	5.36	cps
Uranium	238-1	2384	2350	2559	2431	4.61	cps
Vanadium	51-2	527	490	537	518	4.75	cps
Yttrium	89-1	7088035	7161059	6977316	7075470	1.31	cps
Yttrium	89-2	168323	167381	167228	167644	0.35	cps
Zinc	66-2	1277	1327	1200	1268	5.03	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-09	Instrumnet Name :	P8
Client Sample ID :	MDANE0	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:18:24	DataFile Name :	085SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2384	1767	1642	1931	20.59	cps
Zirconium	91-1	375	408	308	364	13.99	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-10	Instrumnet Name :	P8
Client Sample ID :	MDANE1	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:21:45	DataFile Name :	086SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12648	12097	12639	12462	2.53	cps
Antimony	121-1	24674	24866	25350	24963	1.40	cps
Arsenic	75-1	10378	10344	10043	10255	1.80	cps
Barium	135-1	1210471	1210904	1197869	1206415	0.61	cps
Barium	137-1	2128558	2139688	2123673	2130640	0.39	cps
Beryllium	9-1	333	289	294	306	7.93	cps
Bismuth	209-1	6325622	6342651	6245795	6304689	0.82	cps
Bismuth	209-2	1456527	1447036	1395833	1433132	2.28	cps
Boron	10-1	408	325	433	389	14.59	cps
Boron	11-1	1784	1659	1567	1670	6.52	cps
Cadmium	111-1	5916	5707	5644	5755	2.48	cps
Cadmium	106-1	1850	1825	1709	1795	4.21	cps
Cadmium	108-1	413	358	392	388	7.05	cps
Calcium	43-1	83355	85048	84940	84448	1.12	cps
Calcium	44-1	1393346	1410162	1432764	1412091	1.40	cps
Chromium	52-2	14513	14572	13880	14322	2.68	cps
Cobalt	59-2	3080	3194	3334	3203	3.96	cps
Copper	63-2	135072	134052	133901	134342	0.47	cps
Dysprosium	156-1	4759	4426	4418	4534	4.30	cps
Dysprosium	156-2	773	833	763	790	4.79	cps
Erbium	164-1	3584	4151	3984	3906	7.46	cps
Erbium	164-2	680	637	617	644	5.02	cps
Gadolinium	160-1	4259	4443	3859	4187	7.13	cps
Gadolinium	160-2	873	970	887	910	5.76	cps
Holmium	165-1	9295827	9370482	9232839	9299716	0.74	cps
Holmium	165-2	1708153	1683943	1624467	1672188	2.58	cps
Indium	115-1	7164351	7121050	6958681	7081361	1.53	cps
Indium	115-2	231485	226593	220486	226188	2.44	cps
Iron	56-2	5241105	5204320	5252400	5232608	0.48	cps
Iron	57-2	130387	130847	129344	130193	0.59	cps
Krypton	83-1	273	240	173	229	22.24	cps
Lead	206-1	2457478	2475624	2476718	2469940	0.44	cps
Lead	207-1	2085128	2086704	2075836	2082556	0.28	cps
Lead	208-1	9574644	9657491	9641018	9624384	0.46	cps
Lithium	6-1	1181931	1197291	1173167	1184130	1.03	cps
Magnesium	24-2	6835	7085	6577	6832	3.72	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-10	Instrumnet Name :	P8
Client Sample ID :	MDANE1	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:21:45	DataFile Name :	086SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	17845	17701	17321	17622	1.54	cps
Molybdenum	94-1	5285	5060	4951	5099	3.34	cps
Molybdenum	95-1	2959	2975	2859	2931	2.15	cps
Molybdenum	96-1	3942	4268	3884	4031	5.13	cps
Molybdenum	97-1	1875	1809	1934	1872	3.34	cps
Molybdenum	98-1	5393	5043	5001	5146	4.18	cps
Neodymium	150-1	6142	6429	6342	6304	2.33	cps
Neodymium	150-2	773	673	623	690	11.07	cps
Nickel	60-2	3847	4034	3774	3885	3.45	cps
Phosphorus	31-2	375	475	325	392	19.50	cps
Potassium	39-2	1850	1759	2067	1892	8.37	cps
Rhodium	103-1	6475670	6476811	6356529	6436336	1.07	cps
Rhodium	103-2	1519971	1501503	1463623	1495032	1.92	cps
Scandium	45-1	3670625	3747323	3674913	3697620	1.17	cps
Scandium	45-2	23997	23393	22315	23235	3.67	cps
Selenium	77-2	7	0	3	3	100.05	cps
Selenium	78-2	9	2	2	4	99.03	cps
Selenium	82-1	2	16	122	46	141.28	cps
Silicon	28-1	2191128	2238440	1994879	2141482	6.03	cps
Silver	109-1	5385	5351	5176	5304	2.11	cps
Silver	107-1	5551	5510	5693	5585	1.72	cps
Sodium	23-2	4251	4451	4167	4290	3.40	cps
Strontium	86-1	155046	154213	155612	154957	0.45	cps
Strontium	88-1	1341309	1343439	1355953	1346901	0.59	cps
Sulfur	34-1	242452	242183	242968	242534	0.16	cps
Terbium	159-1	9719084	9592416	9441106	9584202	1.45	cps
Terbium	159-2	1651365	1611425	1538523	1600438	3.58	cps
Thallium	203-1	317	367	333	339	7.51	cps
Thallium	205-1	1058	925	1150	1045	10.83	cps
Tin	118-1	342113	344510	347233	344619	0.74	cps
Titanium	47-1	62792	74294	67862	68316	8.44	cps
Uranium	238-1	9871	10113	10213	10066	1.75	cps
Vanadium	51-2	7992	8116	8463	8190	2.98	cps
Yttrium	89-1	7201419	7236099	7045544	7161021	1.42	cps
Yttrium	89-2	169220	166408	160774	165467	2.60	cps
Zinc	66-2	81437	82342	81789	81856	0.56	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-10	Instrumnet Name :	P8
Client Sample ID :	MDANE1	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:21:45	DataFile Name :	086SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	8395	9663	8403	8820	8.28	cps
Zirconium	91-1	1934	1850	1917	1900	2.32	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-11	Instrumnet Name :	P8
Client Sample ID :	MDANE2	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:25:04	DataFile Name :	087SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8987	8895	9228	9037	1.91	cps
Antimony	121-1	8119	8019	7527	7889	4.02	cps
Arsenic	75-1	10740	10247	10748	10578	2.71	cps
Barium	135-1	166300	165548	166265	166038	0.26	cps
Barium	137-1	290242	292289	289191	290574	0.54	cps
Beryllium	9-1	256	300	300	285	9.00	cps
Bismuth	209-1	6298705	6359872	6184797	6281125	1.41	cps
Bismuth	209-2	1455022	1446005	1469639	1456889	0.82	cps
Boron	10-1	383	292	358	344	13.76	cps
Boron	11-1	1684	1575	1559	1606	4.23	cps
Cadmium	111-1	3033	3034	3252	3107	4.07	cps
Cadmium	106-1	1258	1458	1292	1336	8.02	cps
Cadmium	108-1	146	196	146	163	17.76	cps
Calcium	43-1	116244	115556	117153	116318	0.69	cps
Calcium	44-1	1925755	1937651	1962927	1942111	0.98	cps
Chromium	52-2	10271	9860	9687	9939	3.02	cps
Cobalt	59-2	1670	1887	1787	1781	6.09	cps
Copper	63-2	51358	50147	50675	50727	1.20	cps
Dysprosium	156-1	3926	4092	3859	3959	3.04	cps
Dysprosium	156-2	747	700	790	746	6.04	cps
Erbium	164-1	4067	4026	3901	3998	2.17	cps
Erbium	164-2	633	703	617	651	7.06	cps
Gadolinium	160-1	4334	3976	3884	4065	5.85	cps
Gadolinium	160-2	883	790	870	848	5.95	cps
Holmium	165-1	9358582	9275725	9204704	9279670	0.83	cps
Holmium	165-2	1716640	1703348	1707362	1709117	0.40	cps
Indium	115-1	7058138	7063010	7028436	7049861	0.27	cps
Indium	115-2	230178	229637	234209	231342	1.08	cps
Iron	56-2	1716102	1694178	1699332	1703204	0.67	cps
Iron	57-2	43034	41941	42566	42514	1.29	cps
Krypton	83-1	217	170	220	202	13.83	cps
Lead	206-1	840081	836927	842410	839806	0.33	cps
Lead	207-1	686507	692769	697061	692112	0.77	cps
Lead	208-1	3246617	3295591	3312139	3284782	1.04	cps
Lithium	6-1	1190033	1170321	1166098	1175484	1.09	cps
Magnesium	24-2	14041	14733	14850	14541	3.01	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-11	Instrumnet Name :	P8
Client Sample ID :	MDANE2	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:25:04	DataFile Name :	087SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	13130	13090	12983	13067	0.58	cps
Molybdenum	94-1	4176	4384	3917	4159	5.62	cps
Molybdenum	95-1	1458	1167	1183	1270	12.90	cps
Molybdenum	96-1	2109	2309	2284	2234	4.88	cps
Molybdenum	97-1	1092	933	858	961	12.40	cps
Molybdenum	98-1	2242	2100	2684	2342	12.99	cps
Neodymium	150-1	5601	5521	5875	5666	3.27	cps
Neodymium	150-2	630	710	570	637	11.03	cps
Nickel	60-2	2350	2240	2320	2304	2.47	cps
Phosphorus	31-2	242	267	242	250	5.77	cps
Potassium	39-2	1734	1742	1967	1814	7.31	cps
Rhodium	103-1	6482665	6429194	6311464	6407775	1.37	cps
Rhodium	103-2	1525430	1512584	1535421	1524479	0.75	cps
Scandium	45-1	3707883	3667344	3609999	3661742	1.34	cps
Scandium	45-2	23119	23543	23503	23389	1.00	cps
Selenium	77-2	3	0	17	7	132.33	cps
Selenium	78-2	4	7	7	6	34.70	cps
Selenium	82-1	64	77	45	62	25.50	cps
Silicon	28-1	1594145	1612535	1580472	1595717	1.01	cps
Silver	109-1	1050	1400	1242	1231	14.24	cps
Silver	107-1	1317	1383	1509	1403	6.94	cps
Sodium	23-2	3876	4034	3742	3884	3.76	cps
Strontium	86-1	170004	169725	171337	170355	0.51	cps
Strontium	88-1	1495171	1505425	1506561	1502385	0.42	cps
Sulfur	34-1	243905	247006	245462	245457	0.63	cps
Terbium	159-1	9643925	9627236	9445046	9572069	1.15	cps
Terbium	159-2	1637109	1613668	1625358	1625378	0.72	cps
Thallium	203-1	358	325	333	339	5.12	cps
Thallium	205-1	808	742	883	811	8.74	cps
Tin	118-1	34897	34219	33827	34314	1.58	cps
Titanium	47-1	25192	29875	24815	26627	10.59	cps
Uranium	238-1	18531	17538	18039	18036	2.75	cps
Vanadium	51-2	3637	3791	3787	3738	2.34	cps
Yttrium	89-1	7146083	7097388	7025611	7089694	0.85	cps
Yttrium	89-2	168992	167992	170389	169125	0.71	cps
Zinc	66-2	31035	30848	30911	30931	0.31	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-11	Instrumnet Name :	P8
Client Sample ID :	MDANE2	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:25:04	DataFile Name :	087SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	8837	10243	8511	9197	10.01	cps
Zirconium	91-1	2050	1867	1959	1959	4.68	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-12	Instrumnet Name :	P8
Client Sample ID :	MDANE3	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:28:24	DataFile Name :	088SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1500	1408	1375	1428	4.53	cps
Antimony	121-1	583	392	642	539	24.27	cps
Arsenic	75-1	808	697	228	578	53.29	cps
Barium	135-1	12440	12098	12223	12254	1.41	cps
Barium	137-1	21493	21427	21318	21413	0.41	cps
Beryllium	9-1	100	56	56	70	36.46	cps
Bismuth	209-1	6211837	6244456	6196135	6217476	0.40	cps
Bismuth	209-2	1431753	1421998	1458403	1437385	1.31	cps
Boron	10-1	75	142	125	114	30.46	cps
Boron	11-1	525	608	508	547	9.79	cps
Cadmium	111-1	881	959	897	912	4.51	cps
Cadmium	106-1	1100	1200	1100	1133	5.09	cps
Cadmium	108-1	8	21	21	17	43.31	cps
Calcium	43-1	10846	10363	10838	10682	2.59	cps
Calcium	44-1	173534	173459	175907	174300	0.80	cps
Chromium	52-2	2154	2217	2154	2175	1.68	cps
Cobalt	59-2	87	80	87	84	4.56	cps
Copper	63-2	1423	1443	1530	1466	3.87	cps
Dysprosium	156-1	583	575	567	575	1.45	cps
Dysprosium	156-2	77	103	77	86	18.00	cps
Erbium	164-1	408	292	308	336	18.77	cps
Erbium	164-2	70	33	67	57	35.79	cps
Gadolinium	160-1	400	525	483	469	13.56	cps
Gadolinium	160-2	97	120	123	113	12.82	cps
Holmium	165-1	9166280	9270681	9032463	9156475	1.30	cps
Holmium	165-2	1702911	1672798	1719307	1698339	1.39	cps
Indium	115-1	7023546	7078801	6992565	7031637	0.62	cps
Indium	115-2	227840	226077	230842	228253	1.06	cps
Iron	56-2	39079	37591	39267	38646	2.38	cps
Iron	57-2	1078	967	900	982	9.15	cps
Krypton	83-1	197	207	247	217	12.21	cps
Lead	206-1	12796	12968	13407	13057	2.42	cps
Lead	207-1	10899	10994	10989	10961	0.48	cps
Lead	208-1	50719	51704	52383	51602	1.62	cps
Lithium	6-1	1157152	1159506	1162022	1159560	0.21	cps
Magnesium	24-2	908	708	833	817	12.37	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-12	Instrumnet Name :	P8
Client Sample ID :	MDANE3	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:28:24	DataFile Name :	088SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	267	307	237	270	13.01	cps
Molybdenum	94-1	717	1142	608	822	34.29	cps
Molybdenum	95-1	167	225	233	208	17.44	cps
Molybdenum	96-1	267	400	442	369	24.74	cps
Molybdenum	97-1	167	192	175	178	7.16	cps
Molybdenum	98-1	275	609	358	414	41.93	cps
Neodymium	150-1	940	1100	933	991	9.52	cps
Neodymium	150-2	80	100	77	86	14.75	cps
Nickel	60-2	820	800	807	809	1.26	cps
Phosphorus	31-2	42	33	42	39	12.38	cps
Potassium	39-2	1425	1358	1475	1420	4.12	cps
Rhodium	103-1	6400392	6409870	6291719	6367327	1.03	cps
Rhodium	103-2	1523671	1513704	1534861	1524079	0.69	cps
Scandium	45-1	3646691	3688954	3613596	3649747	1.03	cps
Scandium	45-2	22832	23353	23460	23215	1.45	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	0	2	0	1	173.21	cps
Selenium	82-1	3	12	-8	2	448.99	cps
Silicon	28-1	910789	1996178	1055529	1320832	44.62	cps
Silver	109-1	250	250	225	242	5.97	cps
Silver	107-1	250	233	200	228	11.18	cps
Sodium	23-2	2767	2825	2817	2803	1.13	cps
Strontium	86-1	30527	30560	30944	30677	0.76	cps
Strontium	88-1	261807	265524	264746	264025	0.74	cps
Sulfur	34-1	237565	232930	233337	234611	1.09	cps
Terbium	159-1	9519650	9570501	9440489	9510214	0.69	cps
Terbium	159-2	1646460	1620729	1636941	1634710	0.80	cps
Thallium	203-1	75	67	158	100	50.69	cps
Thallium	205-1	183	183	200	189	5.10	cps
Tin	118-1	1742	1725	1942	1803	6.69	cps
Titanium	47-1	19388	55658	30430	35159	52.88	cps
Uranium	238-1	1283	1259	992	1178	13.73	cps
Vanadium	51-2	493	450	533	492	8.47	cps
Yttrium	89-1	6994089	7062974	6917451	6991505	1.04	cps
Yttrium	89-2	165988	164728	167015	165910	0.69	cps
Zinc	66-2	1503	1453	1473	1477	1.70	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-12	Instrumnet Name :	P8
Client Sample ID :	MDANE3	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:28:24	DataFile Name :	088SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1525	1709	3246	2160	43.74	cps
Zirconium	91-1	492	1691	292	825	91.74	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-13	Instrumnet Name :	P8
Client Sample ID :	MDANE4	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:31:45	DataFile Name :	089SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1709	1742	1600	1684	4.40	cps
Antimony	121-1	425	592	642	553	20.52	cps
Arsenic	75-1	405	949	916	757	40.34	cps
Barium	135-1	14258	13024	14125	13802	4.91	cps
Barium	137-1	24307	24682	24691	24560	0.89	cps
Beryllium	9-1	61	56	78	65	17.84	cps
Bismuth	209-1	6244569	6248607	6143641	6212272	0.96	cps
Bismuth	209-2	1426772	1442496	1444469	1437912	0.67	cps
Boron	10-1	117	158	50	108	50.44	cps
Boron	11-1	1488	475	425	796	75.35	cps
Cadmium	111-1	1048	1015	795	953	14.43	cps
Cadmium	106-1	1542	1300	983	1275	21.96	cps
Cadmium	108-1	188	17	8	71	142.78	cps
Calcium	43-1	11906	12431	12064	12133	2.22	cps
Calcium	44-1	195603	199034	199145	197927	1.02	cps
Chromium	52-2	2097	1957	2120	2058	4.29	cps
Cobalt	59-2	63	67	50	60	14.70	cps
Copper	63-2	1477	1413	1507	1466	3.25	cps
Dysprosium	156-1	725	667	767	719	6.98	cps
Dysprosium	156-2	110	107	137	118	13.96	cps
Erbium	164-1	408	258	342	336	22.36	cps
Erbium	164-2	57	43	73	58	26.02	cps
Gadolinium	160-1	542	617	525	561	8.71	cps
Gadolinium	160-2	107	160	130	132	20.22	cps
Holmium	165-1	9331464	9285686	9000175	9205775	1.95	cps
Holmium	165-2	1704394	1710386	1705432	1706737	0.19	cps
Indium	115-1	7163564	7099897	6913413	7058958	1.84	cps
Indium	115-2	226776	229054	227981	227937	0.50	cps
Iron	56-2	41669	41268	40409	41115	1.57	cps
Iron	57-2	1083	995	1217	1098	10.19	cps
Krypton	83-1	187	200	190	192	3.61	cps
Lead	206-1	14008	13580	13113	13567	3.30	cps
Lead	207-1	11500	11066	11122	11229	2.10	cps
Lead	208-1	53328	52900	52294	52841	0.98	cps
Lithium	6-1	1169141	1171127	1152568	1164279	0.88	cps
Magnesium	24-2	1017	1100	992	1036	5.48	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-13	Instrumnet Name :	P8
Client Sample ID :	MDANE4	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:31:45	DataFile Name :	089SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	317	307	303	309	2.25	cps
Molybdenum	94-1	708	850	1084	881	21.53	cps
Molybdenum	95-1	192	233	484	303	52.16	cps
Molybdenum	96-1	667	408	433	503	28.35	cps
Molybdenum	97-1	133	167	208	169	22.18	cps
Molybdenum	98-1	242	375	492	369	33.86	cps
Neodymium	150-1	1047	1020	1093	1053	3.52	cps
Neodymium	150-2	107	150	170	142	22.77	cps
Nickel	60-2	760	843	700	768	9.38	cps
Phosphorus	31-2	17	33	25	25	33.32	cps
Potassium	39-2	1075	1175	1058	1103	5.72	cps
Rhodium	103-1	6501539	6489010	6300816	6430455	1.75	cps
Rhodium	103-2	1485730	1542731	1556421	1528294	2.45	cps
Scandium	45-1	3709349	3696149	3567170	3657556	2.15	cps
Scandium	45-2	24004	22996	23670	23557	2.18	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	0	1	86.60	cps
Selenium	82-1	36	15	37	29	42.70	cps
Silicon	28-1	1649187	1277861	1096001	1341016	21.02	cps
Silver	109-1	117	217	258	197	36.92	cps
Silver	107-1	250	250	325	275	15.75	cps
Sodium	23-2	2592	2767	2575	2645	4.02	cps
Strontium	86-1	36458	35890	34720	35689	2.48	cps
Strontium	88-1	304209	303891	300291	302797	0.72	cps
Sulfur	34-1	232897	234124	231883	232968	0.48	cps
Terbium	159-1	9639369	9658765	9237816	9511983	2.50	cps
Terbium	159-2	1623126	1625741	1619916	1622928	0.18	cps
Thallium	203-1	125	92	108	108	15.39	cps
Thallium	205-1	208	233	292	244	17.49	cps
Tin	118-1	1725	1725	1425	1625	10.66	cps
Titanium	47-1	28904	11959	9248	16703	63.77	cps
Uranium	238-1	1617	1242	1242	1367	15.86	cps
Vanadium	51-2	450	467	483	467	3.57	cps
Yttrium	89-1	7132734	7072660	6928849	7044748	1.49	cps
Yttrium	89-2	164350	167960	169212	167174	1.51	cps
Zinc	66-2	1527	1543	1510	1527	1.09	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-13	Instrumnet Name :	P8
Client Sample ID :	MDANE4	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:31:45	DataFile Name :	089SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1534	2194	2648	2125	26.36	cps
Zirconium	91-1	1187	50988	433	17536	165.22	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-14	Instrumnet Name :	P8
Client Sample ID :	MDANE5	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:35:06	DataFile Name :	090SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6852	7127	7244	7074	2.84	cps
Antimony	121-1	1025	958	1025	1003	3.84	cps
Arsenic	75-1	1117	1091	947	1052	8.72	cps
Barium	135-1	49376	50681	50271	50110	1.33	cps
Barium	137-1	86792	86163	89218	87391	1.85	cps
Beryllium	9-1	56	111	78	81	34.31	cps
Bismuth	209-1	6377384	6252352	6371817	6333851	1.12	cps
Bismuth	209-2	1445995	1456162	1470491	1457549	0.84	cps
Boron	10-1	58	133	83	92	41.66	cps
Boron	11-1	467	483	458	469	2.71	cps
Cadmium	111-1	1150	1023	1038	1070	6.50	cps
Cadmium	106-1	1250	1167	1117	1178	5.72	cps
Cadmium	108-1	42	33	21	32	32.84	cps
Calcium	43-1	30309	30693	31436	30813	1.86	cps
Calcium	44-1	501091	502530	502009	501877	0.15	cps
Chromium	52-2	2514	2827	2920	2754	7.74	cps
Cobalt	59-2	60	73	73	69	11.18	cps
Copper	63-2	3234	3320	3310	3288	1.44	cps
Dysprosium	156-1	1358	1350	1333	1347	0.94	cps
Dysprosium	156-2	180	250	247	226	17.51	cps
Erbium	164-1	733	675	908	772	15.73	cps
Erbium	164-2	157	147	140	148	5.68	cps
Gadolinium	160-1	1183	1092	1117	1131	4.19	cps
Gadolinium	160-2	217	257	270	248	11.20	cps
Holmium	165-1	9448612	9298455	9225676	9324248	1.22	cps
Holmium	165-2	1689005	1699630	1733280	1707305	1.35	cps
Indium	115-1	7122500	6996353	6961216	7026690	1.21	cps
Indium	115-2	225688	229204	229629	228174	0.95	cps
Iron	56-2	62507	64047	62378	62978	1.47	cps
Iron	57-2	1600	1567	1539	1569	1.95	cps
Krypton	83-1	220	243	177	213	15.86	cps
Lead	206-1	21441	22314	22587	22114	2.71	cps
Lead	207-1	19004	19093	18781	18959	0.85	cps
Lead	208-1	86411	87313	89331	87685	1.71	cps
Lithium	6-1	1187825	1179189	1168394	1178469	0.83	cps
Magnesium	24-2	1492	1809	1775	1692	10.29	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-14	Instrumnet Name :	P8
Client Sample ID :	MDANE5	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:35:06	DataFile Name :	090SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	770	667	690	709	7.65	cps
Molybdenum	94-1	1267	1167	1650	1361	18.75	cps
Molybdenum	95-1	217	217	233	222	4.33	cps
Molybdenum	96-1	508	492	608	536	11.77	cps
Molybdenum	97-1	175	200	133	169	19.88	cps
Molybdenum	98-1	400	425	458	428	6.84	cps
Neodymium	150-1	2260	2194	2367	2274	3.85	cps
Neodymium	150-2	250	240	267	252	5.34	cps
Nickel	60-2	960	827	843	877	8.29	cps
Phosphorus	31-2	100	92	150	114	27.70	cps
Potassium	39-2	1333	1267	1292	1297	2.60	cps
Rhodium	103-1	6477221	6438251	6380417	6431963	0.76	cps
Rhodium	103-2	1505936	1531988	1546792	1528239	1.35	cps
Scandium	45-1	3703003	3663513	3657975	3674830	0.67	cps
Scandium	45-2	23280	23537	23727	23514	0.95	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	2	0	2	114.63	cps
Selenium	82-1	13	-32	67	16	311.30	cps
Silicon	28-1	1977640	1621337	2368582	1989186	18.79	cps
Silver	109-1	150	225	275	217	29.04	cps
Silver	107-1	200	217	292	236	20.68	cps
Sodium	23-2	2584	2459	2767	2603	5.96	cps
Strontium	86-1	76137	76037	75593	75922	0.38	cps
Strontium	88-1	660727	663388	667345	663820	0.50	cps
Sulfur	34-1	233650	230578	230066	231431	0.84	cps
Terbium	159-1	9641333	9527823	9484882	9551346	0.85	cps
Terbium	159-2	1610326	1627065	1651239	1629543	1.26	cps
Thallium	203-1	117	208	142	156	30.46	cps
Thallium	205-1	283	317	283	294	6.54	cps
Tin	118-1	1784	1417	1875	1692	14.34	cps
Titanium	47-1	11668	10979	20253	14300	36.13	cps
Uranium	238-1	3434	3592	3317	3448	4.00	cps
Vanadium	51-2	650	690	537	626	12.72	cps
Yttrium	89-1	7093059	6972910	7034231	7033400	0.85	cps
Yttrium	89-2	164951	168049	167383	166794	0.98	cps
Zinc	66-2	9987	9367	9280	9545	4.04	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-14	Instrumnet Name :	P8
Client Sample ID :	MDANE5	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:35:06	DataFile Name :	090SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	14960	3843	2775	7193	93.81	cps
Zirconium	91-1	4546	675	775	1999	110.40	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-15	Instrumnet Name :	P8
Client Sample ID :	MDANE6	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:38:27	DataFile Name :	091SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8945	8803	8211	8653	4.50	cps
Antimony	121-1	2742	2734	2525	2667	4.60	cps
Arsenic	75-1	1792	1463	1773	1676	11.02	cps
Barium	135-1	67187	68477	68293	67986	1.03	cps
Barium	137-1	117795	117191	119419	118135	0.98	cps
Beryllium	9-1	83	117	144	115	26.65	cps
Bismuth	209-1	6342932	6150143	6238585	6243887	1.55	cps
Bismuth	209-2	1431500	1452254	1438162	1440639	0.74	cps
Boron	10-1	58	208	125	131	57.56	cps
Boron	11-1	725	859	717	767	10.38	cps
Cadmium	111-1	1267	1113	1173	1184	6.56	cps
Cadmium	106-1	1317	1208	1242	1256	4.42	cps
Cadmium	108-1	25	42	42	36	26.65	cps
Calcium	43-1	27394	27628	26952	27325	1.26	cps
Calcium	44-1	446591	442763	445605	444986	0.45	cps
Chromium	52-2	2717	2600	2807	2708	3.83	cps
Cobalt	59-2	150	120	97	122	21.87	cps
Copper	63-2	6445	6128	6108	6227	3.03	cps
Dysprosium	156-1	1092	1183	1108	1128	4.33	cps
Dysprosium	156-2	180	203	210	198	7.96	cps
Erbium	164-1	833	617	633	694	17.36	cps
Erbium	164-2	107	107	160	124	24.74	cps
Gadolinium	160-1	1033	858	875	922	10.47	cps
Gadolinium	160-2	217	190	213	207	7.03	cps
Holmium	165-1	9308628	9033852	9347296	9229925	1.85	cps
Holmium	165-2	1685044	1720212	1695559	1700272	1.06	cps
Indium	115-1	7156524	6896867	7042896	7032096	1.85	cps
Indium	115-2	225503	228978	226360	226947	0.80	cps
Iron	56-2	70374	71073	68267	69905	2.09	cps
Iron	57-2	1722	1695	1606	1674	3.64	cps
Krypton	83-1	210	233	190	211	10.27	cps
Lead	206-1	50422	51097	51047	50856	0.74	cps
Lead	207-1	41970	42204	41814	41996	0.47	cps
Lead	208-1	197655	196619	193894	196056	0.99	cps
Lithium	6-1	1173453	1165520	1148674	1162549	1.09	cps
Magnesium	24-2	950	983	958	964	1.80	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-15	Instrumnet Name :	P8
Client Sample ID :	MDANE6	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:38:27	DataFile Name :	091SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	733	653	713	700	5.95	cps
Molybdenum	94-1	7608	1425	2217	3750	89.71	cps
Molybdenum	95-1	233	292	275	267	11.27	cps
Molybdenum	96-1	508	483	567	519	8.23	cps
Molybdenum	97-1	233	183	225	214	12.53	cps
Molybdenum	98-1	283	417	408	369	20.22	cps
Neodymium	150-1	1847	2014	2047	1969	5.44	cps
Neodymium	150-2	197	197	213	202	4.76	cps
Nickel	60-2	1103	1040	1050	1065	3.20	cps
Phosphorus	31-2	17	58	25	33	66.14	cps
Potassium	39-2	1133	1108	1075	1106	2.65	cps
Rhodium	103-1	6562506	6378516	6357810	6432944	1.75	cps
Rhodium	103-2	1502485	1535095	1521060	1519547	1.08	cps
Scandium	45-1	3723447	3630818	3730493	3694919	1.51	cps
Scandium	45-2	23139	23483	23680	23434	1.17	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	0	1	173.21	cps
Selenium	82-1	9	-12	21	6	293.65	cps
Silicon	28-1	2296859	2560928	2598943	2485577	6.62	cps
Silver	109-1	333	467	433	411	16.88	cps
Silver	107-1	450	442	283	392	23.98	cps
Sodium	23-2	2700	2467	2575	2581	4.53	cps
Strontium	86-1	44523	44816	43963	44434	0.98	cps
Strontium	88-1	376570	375713	375035	375773	0.20	cps
Sulfur	34-1	229349	228213	226070	227877	0.73	cps
Terbium	159-1	9679247	9289441	9607067	9525252	2.18	cps
Terbium	159-2	1608088	1636746	1613599	1619478	0.94	cps
Thallium	203-1	158	183	158	167	8.66	cps
Thallium	205-1	258	358	342	319	16.77	cps
Tin	118-1	3292	3451	4722	3822	20.52	cps
Titanium	47-1	16692	61968	11732	30131	91.88	cps
Uranium	238-1	2359	2467	2509	2445	3.17	cps
Vanadium	51-2	750	770	847	789	6.47	cps
Yttrium	89-1	7133115	6938363	7081071	7050850	1.43	cps
Yttrium	89-2	162793	167415	163547	164585	1.51	cps
Zinc	66-2	17568	18059	17945	17857	1.44	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-15	Instrumnet Name :	P8
Client Sample ID :	MDANE6	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:38:27	DataFile Name :	091SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4753	4736	3835	4441	11.83	cps
Zirconium	91-1	867	1000	892	920	7.71	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-16	Instrumnet Name :	P8
Client Sample ID :	MDANE7	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:41:49	DataFile Name :	092SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2784	3109	3017	2970	5.64	cps
Antimony	121-1	3526	3826	3567	3640	4.47	cps
Arsenic	75-1	2500	2695	2195	2464	10.24	cps
Barium	135-1	95620	92270	92253	93381	2.08	cps
Barium	137-1	163972	162411	162841	163075	0.49	cps
Beryllium	9-1	94	167	100	120	33.39	cps
Bismuth	209-1	5591402	6119031	6303699	6004710	6.16	cps
Bismuth	209-2	1446059	1449833	1426866	1440919	0.85	cps
Boron	10-1	175	142	175	164	11.74	cps
Boron	11-1	508	708	592	603	16.67	cps
Cadmium	111-1	1806	1746	2114	1888	10.46	cps
Cadmium	106-1	958	1175	1483	1206	21.88	cps
Cadmium	108-1	88	92	113	97	13.78	cps
Calcium	43-1	30835	30267	31653	30918	2.25	cps
Calcium	44-1	501563	493222	497793	497526	0.84	cps
Chromium	52-2	1387	1327	1831	1515	18.17	cps
Cobalt	59-2	480	490	420	463	8.17	cps
Copper	63-2	28309	28566	28015	28297	0.97	cps
Dysprosium	156-1	1392	1525	1634	1517	7.98	cps
Dysprosium	156-2	290	250	307	282	10.32	cps
Erbium	164-1	1300	1200	1133	1211	6.93	cps
Erbium	164-2	253	213	203	223	11.85	cps
Gadolinium	160-1	1400	1525	1575	1500	6.01	cps
Gadolinium	160-2	330	310	340	327	4.68	cps
Holmium	165-1	8185488	9021157	9241455	8816033	6.32	cps
Holmium	165-2	1697599	1703963	1672565	1691376	0.98	cps
Indium	115-1	6287523	6831946	7030060	6716510	5.72	cps
Indium	115-2	227315	228522	225067	226968	0.77	cps
Iron	56-2	443005	438895	439786	440562	0.49	cps
Iron	57-2	11177	11533	11311	11340	1.59	cps
Krypton	83-1	170	227	217	204	14.79	cps
Lead	206-1	196793	196998	193576	195789	0.98	cps
Lead	207-1	162404	162785	161521	162237	0.40	cps
Lead	208-1	757546	761731	752827	757368	0.59	cps
Lithium	6-1	1058621	1137188	1183051	1126287	5.59	cps
Magnesium	24-2	3967	4451	4409	4276	6.27	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-16	Instrumnet Name :	P8
Client Sample ID :	MDANE7	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:41:49	DataFile Name :	092SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1957	2140	1923	2007	5.81	cps
Molybdenum	94-1	2640	1725	1559	1975	29.50	cps
Molybdenum	95-1	475	525	500	500	5.00	cps
Molybdenum	96-1	708	842	875	808	10.91	cps
Molybdenum	97-1	300	442	375	372	19.04	cps
Molybdenum	98-1	725	617	1017	786	26.32	cps
Neodymium	150-1	2327	1967	2267	2187	8.82	cps
Neodymium	150-2	230	230	260	240	7.22	cps
Nickel	60-2	860	863	913	879	3.40	cps
Phosphorus	31-2	75	117	58	83	36.05	cps
Potassium	39-2	1517	1300	1508	1442	8.52	cps
Rhodium	103-1	5680653	6246525	6450771	6125983	6.51	cps
Rhodium	103-2	1501889	1550225	1499924	1517346	1.88	cps
Scandium	45-1	3256463	3523491	3649855	3476603	5.78	cps
Scandium	45-2	23707	22966	22184	22952	3.32	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	0	6	0	2	173.21	cps
Selenium	82-1	57	4	29	30	87.96	cps
Silicon	28-1	1236231	1323953	1136309	1232165	7.62	cps
Silver	109-1	542	617	517	558	9.32	cps
Silver	107-1	575	708	542	608	14.50	cps
Sodium	23-2	2859	3209	3192	3087	6.40	cps
Strontium	86-1	62753	61690	64042	62828	1.87	cps
Strontium	88-1	546566	547456	544725	546249	0.25	cps
Sulfur	34-1	224571	226884	226124	225860	0.52	cps
Terbium	159-1	8395252	9319579	9567534	9094122	6.79	cps
Terbium	159-2	1623537	1620272	1598580	1614130	0.84	cps
Thallium	203-1	200	192	150	181	14.84	cps
Thallium	205-1	475	683	450	536	23.90	cps
Tin	118-1	6860	6469	7002	6777	4.08	cps
Titanium	47-1	26808	15512	19441	20587	27.86	cps
Uranium	238-1	3417	3284	3234	3312	2.86	cps
Vanadium	51-2	1400	1540	1470	1470	4.76	cps
Yttrium	89-1	6343091	6820936	7043878	6735968	5.32	cps
Yttrium	89-2	166321	169088	162829	166079	1.89	cps
Zinc	66-2	17561	17328	17261	17383	0.91	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-16	Instrumnet Name :	P8
Client Sample ID :	MDANE7	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:41:49	DataFile Name :	092SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	9469	3551	2850	5290	68.73	cps
Zirconium	91-1	558	558	617	578	5.83	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-17	Instrumnet Name :	P8
Client Sample ID :	MDANE8	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:45:09	DataFile Name :	093SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	233	433	308	325	31.10	cps
Antimony	121-1	450	525	558	511	10.86	cps
Arsenic	75-1	952	619	490	687	34.63	cps
Barium	135-1	11773	11414	11405	11531	1.82	cps
Barium	137-1	20150	19891	19306	19782	2.18	cps
Beryllium	9-1	83	67	89	80	14.52	cps
Bismuth	209-1	6156813	6158522	6187632	6167656	0.28	cps
Bismuth	209-2	1426198	1418704	1410066	1418323	0.57	cps
Boron	10-1	33	133	33	67	86.61	cps
Boron	11-1	367	417	350	378	9.18	cps
Cadmium	111-1	844	750	903	832	9.29	cps
Cadmium	106-1	1125	1042	1192	1120	6.72	cps
Cadmium	108-1	21	0	8	10	107.86	cps
Calcium	43-1	4643	4451	4601	4565	2.21	cps
Calcium	44-1	72245	71684	74397	72775	1.97	cps
Chromium	52-2	2317	2484	2367	2389	3.58	cps
Cobalt	59-2	180	97	67	114	51.31	cps
Copper	63-2	1230	1390	1193	1271	8.23	cps
Dysprosium	156-1	267	342	300	303	12.41	cps
Dysprosium	156-2	40	60	40	47	24.74	cps
Erbium	164-1	425	225	125	258	59.16	cps
Erbium	164-2	23	33	40	32	26.04	cps
Gadolinium	160-1	350	250	300	300	16.67	cps
Gadolinium	160-2	50	73	57	60	20.04	cps
Holmium	165-1	9151561	9328264	9311012	9263613	1.05	cps
Holmium	165-2	1698353	1684087	1685675	1689372	0.46	cps
Indium	115-1	7062756	6975128	7154449	7064111	1.27	cps
Indium	115-2	230101	228195	223728	227341	1.44	cps
Iron	56-2	35145	37004	36641	36263	2.72	cps
Iron	57-2	839	983	833	885	9.61	cps
Krypton	83-1	200	220	227	216	6.44	cps
Lead	206-1	14842	15137	14976	14985	0.99	cps
Lead	207-1	12529	12812	12790	12710	1.24	cps
Lead	208-1	58810	59852	58108	58923	1.49	cps
Lithium	6-1	1151858	1155618	1162905	1156793	0.49	cps
Magnesium	24-2	200	283	233	239	17.56	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-17	Instrumnet Name :	P8
Client Sample ID :	MDANE8	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:45:09	DataFile Name :	093SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	117	140	130	129	9.08	cps
Molybdenum	94-1	792	658	675	708	10.26	cps
Molybdenum	95-1	183	108	208	167	31.22	cps
Molybdenum	96-1	200	325	383	303	30.94	cps
Molybdenum	97-1	142	192	108	147	28.49	cps
Molybdenum	98-1	283	375	433	364	20.78	cps
Neodymium	150-1	560	473	560	531	9.42	cps
Neodymium	150-2	23	43	57	41	40.82	cps
Nickel	60-2	1127	1007	970	1035	7.92	cps
Phosphorus	31-2	8	0	8	6	86.60	cps
Potassium	39-2	1233	1083	1183	1167	6.55	cps
Rhodium	103-1	6418716	6368498	6444095	6410437	0.60	cps
Rhodium	103-2	1528571	1508374	1492647	1509864	1.19	cps
Scandium	45-1	3640070	3622274	3681800	3648048	0.84	cps
Scandium	45-2	23256	23507	23667	23477	0.88	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	4	2	2	100.00	cps
Selenium	82-1	19	-22	-28	-11	-238.99	cps
Silicon	28-1	731812	1174321	696657	867597	30.68	cps
Silver	109-1	267	142	275	228	32.79	cps
Silver	107-1	217	275	250	247	11.84	cps
Sodium	23-2	2292	2642	2567	2500	7.37	cps
Strontium	86-1	3951	3426	3526	3634	7.67	cps
Strontium	88-1	29683	28839	28547	29023	2.03	cps
Sulfur	34-1	227910	225394	225420	226241	0.64	cps
Terbium	159-1	9557491	9404582	9533748	9498607	0.87	cps
Terbium	159-2	1635224	1607509	1593525	1612086	1.32	cps
Thallium	203-1	142	108	117	122	14.19	cps
Thallium	205-1	158	200	233	197	19.05	cps
Tin	118-1	1950	2117	1775	1947	8.78	cps
Titanium	47-1	16117	16261	14546	15641	6.08	cps
Uranium	238-1	675	525	492	564	17.34	cps
Vanadium	51-2	613	650	630	631	2.91	cps
Yttrium	89-1	7023480	6994023	7143590	7053698	1.12	cps
Yttrium	89-2	165457	166357	163261	165025	0.97	cps
Zinc	66-2	393	447	500	447	11.94	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-17	Instrumnet Name :	P8
Client Sample ID :	MDANE8	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:45:09	DataFile Name :	093SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1835	2369	1834	2013	15.33	cps
Zirconium	91-1	267	350	492	370	30.80	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-18	Instrumnet Name :	P8
Client Sample ID :	MDANE9	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:48:31	DataFile Name :	094SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	292	233	350	292	20.00	cps
Antimony	121-1	508	467	633	536	16.18	cps
Arsenic	75-1	484	729	592	601	20.40	cps
Barium	135-1	10379	11189	11289	10952	4.55	cps
Barium	137-1	18439	19807	18213	18820	4.58	cps
Beryllium	9-1	72	39	28	46	49.95	cps
Bismuth	209-1	6085669	6173066	6182930	6147222	0.87	cps
Bismuth	209-2	1440925	1407163	1403078	1417055	1.47	cps
Boron	10-1	83	58	67	69	18.33	cps
Boron	11-1	333	333	417	361	13.32	cps
Cadmium	111-1	805	848	737	797	7.02	cps
Cadmium	106-1	1092	1092	983	1056	5.93	cps
Cadmium	108-1	13	0	8	7	91.66	cps
Calcium	43-1	4426	4584	4593	4534	2.07	cps
Calcium	44-1	72881	72052	71457	72130	0.99	cps
Chromium	52-2	2700	2640	2830	2724	3.57	cps
Cobalt	59-2	93	77	103	91	14.79	cps
Copper	63-2	1337	1293	1257	1296	3.09	cps
Dysprosium	156-1	283	267	250	267	6.25	cps
Dysprosium	156-2	43	37	47	42	12.06	cps
Erbium	164-1	267	150	183	200	30.07	cps
Erbium	164-2	17	37	20	24	43.83	cps
Gadolinium	160-1	200	333	283	272	24.74	cps
Gadolinium	160-2	33	63	83	60	41.95	cps
Holmium	165-1	9140785	9237830	9239293	9205969	0.61	cps
Holmium	165-2	1732745	1672949	1672425	1692707	2.05	cps
Indium	115-1	6878470	7085832	7074239	7012847	1.66	cps
Indium	115-2	231406	225349	227340	228032	1.35	cps
Iron	56-2	32416	33481	32667	32855	1.69	cps
Iron	57-2	933	794	822	850	8.65	cps
Krypton	83-1	223	210	220	218	3.19	cps
Lead	206-1	14681	14965	14659	14768	1.16	cps
Lead	207-1	12473	12067	11900	12147	2.43	cps
Lead	208-1	57831	57191	56963	57328	0.79	cps
Lithium	6-1	1160456	1176549	1158848	1165284	0.84	cps
Magnesium	24-2	225	258	250	244	7.10	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-18	Instrumnet Name :	P8
Client Sample ID :	MDANE9	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:48:31	DataFile Name :	094SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	107	143	107	119	17.81	cps
Molybdenum	94-1	884	508	1209	867	40.44	cps
Molybdenum	95-1	225	292	225	247	15.58	cps
Molybdenum	96-1	400	550	267	406	34.96	cps
Molybdenum	97-1	175	217	192	194	10.79	cps
Molybdenum	98-1	258	350	275	294	16.59	cps
Neodymium	150-1	493	507	480	493	2.70	cps
Neodymium	150-2	50	77	53	60	24.22	cps
Nickel	60-2	1020	963	1210	1065	12.14	cps
Phosphorus	31-2	8	0	17	8	100.02	cps
Potassium	39-2	1367	1225	1217	1270	6.64	cps
Rhodium	103-1	6339696	6426182	6337704	6367861	0.79	cps
Rhodium	103-2	1542278	1494024	1499994	1512099	1.74	cps
Scandium	45-1	3630452	3690636	3644767	3655285	0.86	cps
Scandium	45-2	23189	22705	22722	22872	1.20	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	0	2	0	1	173.21	cps
Selenium	82-1	6	-32	-11	-12	-155.04	cps
Silicon	28-1	942461	900052	1155058	999190	13.68	cps
Silver	109-1	150	192	233	192	21.74	cps
Silver	107-1	200	175	225	200	12.50	cps
Sodium	23-2	2417	2475	2550	2481	2.69	cps
Strontium	86-1	3584	3667	3509	3587	2.21	cps
Strontium	88-1	29181	27613	28757	28517	2.84	cps
Sulfur	34-1	231245	227992	226326	228521	1.09	cps
Terbium	159-1	9281561	9546643	9495082	9441095	1.49	cps
Terbium	159-2	1637888	1593220	1581244	1604117	1.86	cps
Thallium	203-1	117	108	58	94	33.40	cps
Thallium	205-1	242	192	167	200	19.09	cps
Tin	118-1	2026	1975	1900	1967	3.22	cps
Titanium	47-1	19288	23337	21879	21501	9.54	cps
Uranium	238-1	483	492	650	542	17.34	cps
Vanadium	51-2	553	627	617	599	6.64	cps
Yttrium	89-1	6923121	7022404	7032918	6992815	0.87	cps
Yttrium	89-2	168116	164902	164626	165881	1.17	cps
Zinc	66-2	347	350	430	376	12.56	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-18	Instrumnet Name :	P8
Client Sample ID :	MDANE9	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:48:31	DataFile Name :	094SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2738	6837	1359	3644	78.19	cps
Zirconium	91-1	450	417	492	453	8.30	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-19	Instrumnet Name :	P8
Client Sample ID :	MDANF0	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:51:52	DataFile Name :	095SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	667	908	867	814	15.88	cps
Antimony	121-1	783	683	900	789	13.75	cps
Arsenic	75-1	1140	603	1110	951	31.71	cps
Barium	135-1	17254	17604	17012	17290	1.72	cps
Barium	137-1	30177	29668	30845	30230	1.95	cps
Beryllium	9-1	50	56	56	54	5.98	cps
Bismuth	209-1	6144867	6275737	6211005	6210536	1.05	cps
Bismuth	209-2	1457493	1415655	1435442	1436197	1.46	cps
Boron	10-1	83	92	158	111	37.00	cps
Boron	11-1	483	483	567	511	9.41	cps
Cadmium	111-1	926	1004	890	940	6.21	cps
Cadmium	106-1	1142	1200	1092	1145	4.74	cps
Cadmium	108-1	33	4	29	22	70.97	cps
Calcium	43-1	20875	20140	19823	20279	2.66	cps
Calcium	44-1	337880	334587	336009	336159	0.49	cps
Chromium	52-2	1927	2110	2010	2016	4.55	cps
Cobalt	59-2	90	87	100	92	7.52	cps
Copper	63-2	2540	2540	2717	2599	3.92	cps
Dysprosium	156-1	283	383	342	336	14.95	cps
Dysprosium	156-2	43	67	53	54	21.51	cps
Erbium	164-1	333	267	367	322	15.80	cps
Erbium	164-2	33	50	33	39	24.75	cps
Gadolinium	160-1	292	275	250	272	7.70	cps
Gadolinium	160-2	80	50	83	71	25.82	cps
Holmium	165-1	9043760	9226831	9167065	9145885	1.02	cps
Holmium	165-2	1728264	1659590	1713673	1700509	2.13	cps
Indium	115-1	6885329	7073177	7061054	7006520	1.50	cps
Indium	115-2	230829	224991	226999	227606	1.30	cps
Iron	56-2	86160	86221	86388	86256	0.14	cps
Iron	57-2	2206	2378	2122	2235	5.83	cps
Krypton	83-1	180	217	207	201	9.43	cps
Lead	206-1	54941	53708	53624	54091	1.36	cps
Lead	207-1	45554	46859	45638	46017	1.59	cps
Lead	208-1	211808	212480	211561	211949	0.22	cps
Lithium	6-1	1151050	1150555	1159449	1153685	0.43	cps
Magnesium	24-2	583	517	425	508	15.64	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-19	Instrumnet Name :	P8
Client Sample ID :	MDANF0	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:51:52	DataFile Name :	095SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	230	193	190	204	10.86	cps
Molybdenum	94-1	1042	958	1375	1125	19.61	cps
Molybdenum	95-1	275	133	225	211	34.04	cps
Molybdenum	96-1	408	475	417	433	8.39	cps
Molybdenum	97-1	167	175	192	178	7.16	cps
Molybdenum	98-1	217	292	233	247	15.93	cps
Neodymium	150-1	547	513	500	520	4.62	cps
Neodymium	150-2	43	60	50	51	16.42	cps
Nickel	60-2	877	913	890	893	2.08	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	1150	1258	1317	1242	6.81	cps
Rhodium	103-1	6325235	6396179	6403975	6375130	0.68	cps
Rhodium	103-2	1541495	1472190	1522536	1512074	2.37	cps
Scandium	45-1	3641403	3698131	3667252	3668929	0.77	cps
Scandium	45-2	23550	22465	22932	22982	2.37	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	2	2	0.00	cps
Selenium	82-1	24	-13	19	10	200.04	cps
Silicon	28-1	1073178	1043671	868758	995202	11.10	cps
Silver	109-1	383	242	292	306	23.51	cps
Silver	107-1	333	225	383	314	25.79	cps
Sodium	23-2	2459	2825	2709	2664	7.03	cps
Strontium	86-1	17988	17720	17270	17659	2.05	cps
Strontium	88-1	153183	152281	152468	152644	0.31	cps
Sulfur	34-1	229527	229477	230592	229865	0.27	cps
Terbium	159-1	9335119	9569018	9439193	9447777	1.24	cps
Terbium	159-2	1665450	1572008	1617065	1618174	2.89	cps
Thallium	203-1	108	75	25	69	60.40	cps
Thallium	205-1	192	250	308	250	23.33	cps
Tin	118-1	4518	4776	4568	4620	2.97	cps
Titanium	47-1	26799	7621	7228	13883	80.59	cps
Uranium	238-1	758	950	867	858	11.20	cps
Vanadium	51-2	1063	1123	947	1045	8.60	cps
Yttrium	89-1	6995012	7070215	7050463	7038563	0.55	cps
Yttrium	89-2	168935	162817	167594	166449	1.93	cps
Zinc	66-2	583	467	667	572	17.56	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-19	Instrumnet Name :	P8
Client Sample ID :	MDANF0	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:51:52	DataFile Name :	095SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2534	3318	2584	2812	15.61	cps
Zirconium	91-1	492	550	650	564	14.20	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-20	Instrumnet Name :	P8
Client Sample ID :	MDANF1	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:55:13	DataFile Name :	096SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5176	5076	5051	5101	1.30	cps
Antimony	121-1	1800	1942	1992	1911	5.20	cps
Arsenic	75-1	3041	3575	3681	3432	9.99	cps
Barium	135-1	28891	29367	28607	28955	1.33	cps
Barium	137-1	50623	50673	51092	50796	0.51	cps
Beryllium	9-1	61	117	100	93	30.79	cps
Bismuth	209-1	6328534	6350536	6236538	6305203	0.96	cps
Bismuth	209-2	1462281	1434996	1465446	1454241	1.15	cps
Boron	10-1	75	100	108	94	18.37	cps
Boron	11-1	475	633	533	547	14.63	cps
Cadmium	111-1	1222	1273	1073	1189	8.74	cps
Cadmium	106-1	1233	1217	967	1139	13.12	cps
Cadmium	108-1	42	42	42	42	0.00	cps
Calcium	43-1	23028	22419	22077	22508	2.14	cps
Calcium	44-1	367587	366614	368961	367721	0.32	cps
Chromium	52-2	2124	2400	2370	2298	6.61	cps
Cobalt	59-2	217	217	287	240	16.84	cps
Copper	63-2	4994	5234	5301	5177	3.12	cps
Dysprosium	156-1	1442	1625	1375	1481	8.74	cps
Dysprosium	156-2	193	247	297	246	21.05	cps
Erbium	164-1	1225	975	1117	1106	11.34	cps
Erbium	164-2	197	200	177	191	6.60	cps
Gadolinium	160-1	1384	1358	1225	1322	6.44	cps
Gadolinium	160-2	337	377	353	356	5.65	cps
Holmium	165-1	9144303	9176411	9189753	9170155	0.25	cps
Holmium	165-2	1718927	1674526	1705386	1699613	1.34	cps
Indium	115-1	7026839	7044986	6980306	7017377	0.48	cps
Indium	115-2	230938	225872	230662	229157	1.24	cps
Iron	56-2	882790	884450	884896	884045	0.13	cps
Iron	57-2	21990	22864	22541	22465	1.97	cps
Krypton	83-1	207	207	213	209	1.84	cps
Lead	206-1	181742	181123	179405	180757	0.67	cps
Lead	207-1	150488	148898	150313	149899	0.58	cps
Lead	208-1	701302	700658	699860	700607	0.10	cps
Lithium	6-1	1145534	1163994	1168696	1159408	1.06	cps
Magnesium	24-2	1575	1667	1734	1659	4.79	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-20	Instrumnet Name :	P8
Client Sample ID :	MDANF1	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:55:13	DataFile Name :	096SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	500	460	457	472	5.11	cps
Molybdenum	94-1	2242	2259	2792	2431	12.87	cps
Molybdenum	95-1	867	958	1100	975	12.06	cps
Molybdenum	96-1	1383	1442	1242	1356	7.59	cps
Molybdenum	97-1	733	667	717	706	4.92	cps
Molybdenum	98-1	1650	1792	1767	1736	4.36	cps
Neodymium	150-1	2174	2200	2034	2136	4.19	cps
Neodymium	150-2	233	233	223	230	2.51	cps
Nickel	60-2	1233	1220	1107	1187	5.87	cps
Phosphorus	31-2	25	50	67	47	44.41	cps
Potassium	39-2	2425	2275	2334	2345	3.23	cps
Rhodium	103-1	6429604	6399111	6333701	6387472	0.77	cps
Rhodium	103-2	1505954	1507130	1528313	1513799	0.83	cps
Scandium	45-1	3628528	3725662	3650430	3668207	1.39	cps
Scandium	45-2	23136	23540	23460	23379	0.92	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	0	2	2	1	86.60	cps
Selenium	82-1	24	30	24	26	14.24	cps
Silicon	28-1	1795483	2149378	2952819	2299227	25.79	cps
Silver	109-1	475	483	625	528	15.97	cps
Silver	107-1	400	567	442	469	18.48	cps
Sodium	23-2	2975	2984	3142	3034	3.10	cps
Strontium	86-1	20007	20408	20407	20274	1.14	cps
Strontium	88-1	174571	174772	177803	175716	1.03	cps
Sulfur	34-1	231802	232718	230492	231671	0.48	cps
Terbium	159-1	9519943	9551649	9384476	9485356	0.94	cps
Terbium	159-2	1633401	1600851	1615364	1616539	1.01	cps
Thallium	203-1	183	133	75	131	41.53	cps
Thallium	205-1	300	200	317	272	23.18	cps
Tin	118-1	29333	29826	29751	29636	0.90	cps
Titanium	47-1	18443	18469	11356	16089	25.48	cps
Uranium	238-1	2967	3109	3117	3064	2.75	cps
Vanadium	51-2	2194	2250	2284	2242	2.03	cps
Yttrium	89-1	6990607	7076818	7132972	7066799	1.01	cps
Yttrium	89-2	167371	163666	167265	166101	1.27	cps
Zinc	66-2	4197	4281	4127	4202	1.83	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-20	Instrumnet Name :	P8
Client Sample ID :	MDANF1	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:55:13	DataFile Name :	096SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	54392	6257	4926	21858	128.93	cps
Zirconium	91-1	1017	1042	1367	1142	17.10	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-21	Instrumnet Name :	P8
Client Sample ID :	MDANF2	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:58:35	DataFile Name :	097SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	483	542	583	536	9.37	cps
Antimony	121-1	633	475	475	528	17.32	cps
Arsenic	75-1	509	814	1301	875	45.69	cps
Barium	135-1	8570	8278	8503	8450	1.81	cps
Barium	137-1	14584	14400	14884	14623	1.67	cps
Beryllium	9-1	61	89	78	76	18.42	cps
Bismuth	209-1	6198238	6248067	6102429	6182911	1.20	cps
Bismuth	209-2	1426756	1436269	1472992	1445339	1.69	cps
Boron	10-1	50	58	67	58	14.29	cps
Boron	11-1	342	275	300	306	11.02	cps
Cadmium	111-1	912	823	910	882	5.77	cps
Cadmium	106-1	1192	1067	1233	1164	7.45	cps
Cadmium	108-1	8	4	4	6	43.22	cps
Calcium	43-1	7369	7194	7344	7302	1.30	cps
Calcium	44-1	119691	117540	119564	118932	1.01	cps
Chromium	52-2	1507	1373	1480	1453	4.85	cps
Cobalt	59-2	87	77	113	92	20.55	cps
Copper	63-2	2034	2047	2424	2168	10.21	cps
Dysprosium	156-1	350	275	292	306	12.89	cps
Dysprosium	156-2	60	80	67	69	14.78	cps
Erbium	164-1	258	258	233	250	5.78	cps
Erbium	164-2	43	37	33	38	13.48	cps
Gadolinium	160-1	333	383	275	331	16.40	cps
Gadolinium	160-2	67	60	47	58	17.62	cps
Holmium	165-1	9316502	9178806	9006596	9167301	1.69	cps
Holmium	165-2	1673292	1678168	1729784	1693748	1.85	cps
Indium	115-1	7056233	7007784	6951419	7005145	0.75	cps
Indium	115-2	227361	229656	234428	230482	1.56	cps
Iron	56-2	67896	66112	66838	66949	1.34	cps
Iron	57-2	1717	1767	1656	1713	3.25	cps
Krypton	83-1	227	223	183	211	11.42	cps
Lead	206-1	32559	32136	32174	32290	0.72	cps
Lead	207-1	27141	27113	28382	27545	2.63	cps
Lead	208-1	125772	126409	127723	126635	0.79	cps
Lithium	6-1	1135481	1175169	1132303	1147651	2.08	cps
Magnesium	24-2	392	333	283	336	16.13	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-21	Instrumnet Name :	P8
Client Sample ID :	MDANF2	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:58:35	DataFile Name :	097SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	183	193	220	199	9.53	cps
Molybdenum	94-1	775	683	858	772	11.34	cps
Molybdenum	95-1	167	233	192	197	17.08	cps
Molybdenum	96-1	383	300	425	369	17.23	cps
Molybdenum	97-1	158	192	108	153	27.45	cps
Molybdenum	98-1	242	325	333	300	16.90	cps
Neodymium	150-1	473	520	627	540	14.56	cps
Neodymium	150-2	63	67	60	63	5.27	cps
Nickel	60-2	914	640	847	800	17.82	cps
Phosphorus	31-2	0	8	42	17	132.30	cps
Potassium	39-2	1008	1208	1167	1128	9.36	cps
Rhodium	103-1	6437400	6345050	6363494	6381981	0.77	cps
Rhodium	103-2	1501661	1509038	1545317	1518672	1.54	cps
Scandium	45-1	3682175	3708566	3629811	3673517	1.09	cps
Scandium	45-2	23460	22989	24087	23512	2.34	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	0	1	173.21	cps
Selenium	82-1	-27	-37	35	-9	-411.89	cps
Silicon	28-1	1132907	928961	1110432	1057433	10.58	cps
Silver	109-1	317	392	292	333	15.61	cps
Silver	107-1	342	392	333	356	8.87	cps
Sodium	23-2	2575	2567	2909	2684	7.26	cps
Strontium	86-1	4776	4834	4759	4790	0.82	cps
Strontium	88-1	38222	36650	37903	37592	2.21	cps
Sulfur	34-1	228435	229914	229018	229123	0.33	cps
Terbium	159-1	9552913	9570428	9334712	9486018	1.38	cps
Terbium	159-2	1607878	1612082	1650145	1623368	1.43	cps
Thallium	203-1	58	58	17	44	54.12	cps
Thallium	205-1	208	208	192	203	4.75	cps
Tin	118-1	3434	3201	3484	3373	4.49	cps
Titanium	47-1	15596	7661	11056	11438	34.81	cps
Uranium	238-1	625	692	758	692	9.64	cps
Vanadium	51-2	583	573	517	558	6.45	cps
Yttrium	89-1	7091927	7092117	6950580	7044875	1.16	cps
Yttrium	89-2	164018	166254	171275	167182	2.22	cps
Zinc	66-2	823	1027	867	906	11.83	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-21	Instrumnet Name :	P8
Client Sample ID :	MDANF2	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 21:58:35	DataFile Name :	097SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1784	1767	1484	1678	10.06	cps
Zirconium	91-1	375	475	350	400	16.54	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-22	Instrumnet Name :	P8
Client Sample ID :	MDANF3	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 22:01:55	DataFile Name :	098SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16836	15926	16944	16569	3.37	cps
Antimony	121-1	642	833	567	681	20.21	cps
Arsenic	75-1	634	1007	699	780	25.52	cps
Barium	135-1	6318	6585	6744	6549	3.28	cps
Barium	137-1	11280	12064	11239	11528	4.04	cps
Beryllium	9-1	89	78	106	91	15.41	cps
Bismuth	209-1	6445153	6263646	6410015	6372938	1.51	cps
Bismuth	209-2	1462712	1486554	1484109	1477791	0.89	cps
Boron	10-1	117	108	67	97	27.55	cps
Boron	11-1	417	425	442	428	2.98	cps
Cadmium	111-1	786	900	936	874	8.96	cps
Cadmium	106-1	1117	1250	1300	1222	7.75	cps
Cadmium	108-1	42	13	17	24	66.81	cps
Calcium	43-1	34736	34769	34310	34605	0.74	cps
Calcium	44-1	559509	564245	560915	561556	0.43	cps
Chromium	52-2	3767	3651	3774	3731	1.86	cps
Cobalt	59-2	113	93	107	104	9.75	cps
Copper	63-2	920	857	823	867	5.67	cps
Dysprosium	156-1	2342	2125	2150	2206	5.37	cps
Dysprosium	156-2	387	373	317	359	10.36	cps
Erbium	164-1	1042	1192	1158	1131	6.97	cps
Erbium	164-2	213	177	223	204	12.02	cps
Gadolinium	160-1	1717	1659	1900	1759	7.17	cps
Gadolinium	160-2	417	463	497	459	8.76	cps
Holmium	165-1	9473610	9209102	9342210	9341641	1.42	cps
Holmium	165-2	1683701	1735631	1733136	1717489	1.71	cps
Indium	115-1	7254398	7031292	7159955	7148548	1.57	cps
Indium	115-2	229617	234858	232136	232203	1.13	cps
Iron	56-2	84372	82639	85074	84028	1.49	cps
Iron	57-2	2267	2006	2028	2100	6.89	cps
Krypton	83-1	190	213	220	208	7.58	cps
Lead	206-1	25944	26055	25999	25999	0.21	cps
Lead	207-1	22075	21875	21714	21888	0.83	cps
Lead	208-1	102369	102219	101845	102144	0.26	cps
Lithium	6-1	1169959	1154120	1167496	1163858	0.73	cps
Magnesium	24-2	1625	1750	1817	1731	5.62	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-22	Instrumnet Name :	P8
Client Sample ID :	MDANF3	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 22:01:55	DataFile Name :	098SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	93	140	133	122	20.65	cps
Molybdenum	94-1	2559	3794	2600	2985	23.51	cps
Molybdenum	95-1	233	208	242	228	7.61	cps
Molybdenum	96-1	700	708	658	689	3.89	cps
Molybdenum	97-1	167	208	258	211	21.74	cps
Molybdenum	98-1	308	358	350	339	7.91	cps
Neodymium	150-1	3361	3707	3474	3514	5.03	cps
Neodymium	150-2	417	420	420	419	0.46	cps
Nickel	60-2	930	973	887	930	4.66	cps
Phosphorus	31-2	0	33	0	11	173.21	cps
Potassium	39-2	1250	1383	1100	1245	11.39	cps
Rhodium	103-1	6603557	6415814	6493613	6504328	1.45	cps
Rhodium	103-2	1520721	1569265	1536163	1542050	1.61	cps
Scandium	45-1	3750862	3687913	3694292	3711022	0.93	cps
Scandium	45-2	24138	23553	23770	23820	1.24	cps
Selenium	77-2	0	3	7	3	100.05	cps
Selenium	78-2	0	7	4	4	100.05	cps
Selenium	82-1	79	55	29	54	45.77	cps
Silicon	28-1	2333466	3262849	2570615	2722310	17.74	cps
Silver	109-1	158	133	225	172	27.51	cps
Silver	107-1	142	242	258	214	29.50	cps
Sodium	23-2	2517	2859	2659	2678	6.41	cps
Strontium	86-1	42300	42601	42216	42372	0.48	cps
Strontium	88-1	363696	364767	364143	364202	0.15	cps
Sulfur	34-1	229103	228519	224411	227344	1.12	cps
Terbium	159-1	9745147	9584066	9598362	9642525	0.92	cps
Terbium	159-2	1607421	1647409	1660444	1638425	1.69	cps
Thallium	203-1	92	117	75	94	22.21	cps
Thallium	205-1	242	267	217	242	10.34	cps
Tin	118-1	1525	1584	1575	1561	2.02	cps
Titanium	47-1	15928	23669	32651	24083	34.75	cps
Uranium	238-1	4659	4676	4243	4526	5.43	cps
Vanadium	51-2	780	937	713	810	14.16	cps
Yttrium	89-1	7330264	7044944	7142858	7172689	2.02	cps
Yttrium	89-2	167464	170503	170204	169390	0.99	cps
Zinc	66-2	180	120	120	140	24.74	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	J2032-22	Instrumnet Name :	P8
Client Sample ID :	MDANF3	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 22:01:55	DataFile Name :	098SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5735	6963	7104	6601	11.41	cps
Zirconium	91-1	1726	1784	1584	1698	6.07	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	CCV015	Instrumnet Name :	P8
Client Sample ID :	CCV015	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 22:05:16	DataFile Name :	099CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	146365	144074	145414	145284	0.79	cps
Antimony	121-1	2729376	2781625	2778386	2763129	1.06	cps
Arsenic	75-1	637675	641511	634837	638008	0.52	cps
Barium	135-1	2967877	2991267	3024377	2994507	0.95	cps
Barium	137-1	5160127	5199050	5224676	5194617	0.63	cps
Beryllium	9-1	310304	310030	310074	310136	0.05	cps
Bismuth	209-1	6058247	5959310	5895006	5970854	1.38	cps
Bismuth	209-2	1411918	1398430	1406463	1405604	0.48	cps
Boron	10-1	36180	37065	37884	37043	2.30	cps
Boron	11-1	172787	177628	180479	176965	2.20	cps
Cadmium	111-1	553724	554971	558330	555675	0.43	cps
Cadmium	106-1	60386	59214	58838	59479	1.36	cps
Cadmium	108-1	40051	39408	40377	39945	1.24	cps
Calcium	43-1	2752986	2740951	2767046	2753661	0.47	cps
Calcium	44-1	44444500	44945567	45185532	44858533	0.84	cps
Chromium	52-2	197509	199378	201251	199380	0.94	cps
Cobalt	59-2	432204	432912	434526	433214	0.27	cps
Copper	63-2	743781	742378	741930	742696	0.13	cps
Dysprosium	156-1	83	58	75	72	17.62	cps
Dysprosium	156-2	0	10	0	3	173.21	cps
Erbium	164-1	25	50	67	47	44.41	cps
Erbium	164-2	10	13	3	9	57.30	cps
Gadolinium	160-1	33	0	25	19	89.21	cps
Gadolinium	160-2	10	23	13	16	44.60	cps
Holmium	165-1	9371022	9358677	9220886	9316862	0.89	cps
Holmium	165-2	1770194	1745638	1752632	1756155	0.72	cps
Indium	115-1	6828036	6840422	6878997	6849152	0.39	cps
Indium	115-2	228736	228131	228961	228609	0.19	cps
Iron	56-2	31664471	31356200	31561474	31527382	0.50	cps
Iron	57-2	791524	788556	801155	793745	0.83	cps
Krypton	83-1	203	203	230	212	7.26	cps
Lead	206-1	1864532	1866051	1883565	1871383	0.57	cps
Lead	207-1	1700791	1709976	1701991	1704253	0.29	cps
Lead	208-1	7618314	7604104	7643846	7622088	0.26	cps
Lithium	6-1	1148740	1121529	1121240	1130503	1.40	cps
Magnesium	24-2	3577219	3570762	3620845	3589609	0.76	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	CCV015	Instrumnet Name :	P8
Client Sample ID :	CCV015	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 22:05:16	DataFile Name :	099CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	105884	102976	104796	104552	1.41	cps
Molybdenum	94-1	4550139	4508743	4591442	4550108	0.91	cps
Molybdenum	95-1	5667063	5582460	5615344	5621622	0.76	cps
Molybdenum	96-1	6286959	6213458	6295132	6265183	0.72	cps
Molybdenum	97-1	3467706	3537042	3517627	3507459	1.02	cps
Molybdenum	98-1	9016140	8927430	8998173	8980581	0.52	cps
Neodymium	150-1	153	120	153	142	13.53	cps
Neodymium	150-2	3	0	13	6	124.93	cps
Nickel	60-2	129034	127658	128459	128384	0.54	cps
Phosphorus	31-2	1959	1692	1925	1859	7.82	cps
Potassium	39-2	857866	859981	872426	863424	0.91	cps
Rhodium	103-1	6200079	6053408	6045922	6099803	1.43	cps
Rhodium	103-2	1438758	1436742	1432769	1436090	0.21	cps
Scandium	45-1	3726537	3760389	3782141	3756356	0.75	cps
Scandium	45-2	24415	24772	24358	24515	0.92	cps
Selenium	77-2	147	153	137	146	5.76	cps
Selenium	78-2	513	461	476	483	5.53	cps
Selenium	82-1	34282	34365	34069	34239	0.44	cps
Silicon	28-1	1353655	1370824	1376606	1367028	0.87	cps
Silver	109-1	2663066	2638551	2633578	2645065	0.60	cps
Silver	107-1	2742825	2738104	2726219	2735716	0.31	cps
Sodium	23-2	8562669	8613077	8685062	8620269	0.71	cps
Strontium	86-1	713252	711445	714557	713085	0.22	cps
Strontium	88-1	6215663	6288982	6200870	6235172	0.76	cps
Sulfur	34-1	550669	552533	551616	551606	0.17	cps
Terbium	159-1	9613170	9595227	9579739	9596045	0.17	cps
Terbium	159-2	1655748	1648661	1659050	1654486	0.32	cps
Thallium	203-1	2313943	2342422	2322933	2326433	0.63	cps
Thallium	205-1	5506067	5500120	5508501	5504896	0.08	cps
Tin	118-1	1903752	1935029	1956709	1931830	1.38	cps
Titanium	47-1	1360238	1386202	1381105	1375849	1.00	cps
Uranium	238-1	7410489	7341786	7462043	7404773	0.81	cps
Vanadium	51-2	147749	146856	148632	147746	0.60	cps
Yttrium	89-1	7096151	7078340	6972929	7049140	0.94	cps
Yttrium	89-2	170933	173421	172994	172449	0.77	cps
Zinc	66-2	62262	62299	61995	62185	0.27	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	CCV015	Instrumnet Name :	P8
Client Sample ID :	CCV015	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 22:05:16	DataFile Name :	099CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3765027	3799030	3783704	3782587	0.45	cps
Zirconium	91-1	827241	823440	832484	827722	0.55	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	CCB015	Instrumnet Name :	P8
Client Sample ID :	CCB015	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 22:08:29	DataFile Name :	100CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	0	17	11	86.60	cps
Antimony	121-1	9179	9445	10096	9573	4.93	cps
Arsenic	75-1	660	628	643	644	2.53	cps
Barium	135-1	108	150	125	128	16.41	cps
Barium	137-1	258	225	242	242	6.90	cps
Beryllium	9-1	178	178	194	183	5.25	cps
Bismuth	209-1	6128198	6126499	6293576	6182758	1.55	cps
Bismuth	209-2	1501725	1501908	1468551	1490728	1.29	cps
Boron	10-1	1125	850	883	953	15.75	cps
Boron	11-1	5410	4601	4017	4676	14.95	cps
Cadmium	111-1	883	899	926	903	2.45	cps
Cadmium	106-1	1125	1183	1250	1186	5.27	cps
Cadmium	108-1	25	0	4	10	137.74	cps
Calcium	43-1	525	567	550	547	3.83	cps
Calcium	44-1	10479	9929	9345	9918	5.72	cps
Chromium	52-2	150	123	143	139	9.99	cps
Cobalt	59-2	33	23	13	23	42.86	cps
Copper	63-2	187	187	180	184	2.08	cps
Dysprosium	156-1	0	0	25	8	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	25	42	17	28	45.82	cps
Erbium	164-2	0	10	0	3	173.21	cps
Gadolinium	160-1	50	17	17	28	69.27	cps
Gadolinium	160-2	13	10	3	9	57.30	cps
Holmium	165-1	9171748	9210024	9393074	9258282	1.28	cps
Holmium	165-2	1774909	1803924	1744540	1774458	1.67	cps
Indium	115-1	7052299	7194649	7311469	7186139	1.81	cps
Indium	115-2	243992	242586	240954	242511	0.63	cps
Iron	56-2	2373	2122	2122	2206	6.55	cps
Iron	57-2	33	56	67	52	32.74	cps
Krypton	83-1	243	207	203	218	10.19	cps
Lead	206-1	583	522	417	507	16.62	cps
Lead	207-1	400	467	344	404	15.16	cps
Lead	208-1	1950	2000	1756	1902	6.79	cps
Lithium	6-1	1169698	1176449	1181693	1175947	0.51	cps
Magnesium	24-2	242	242	342	275	21.00	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	CCB015	Instrumnet Name :	P8
Client Sample ID :	CCB015	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 22:08:29	DataFile Name :	100CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	13	20	10	14	35.26	cps
Molybdenum	94-1	2125	2392	2884	2467	15.60	cps
Molybdenum	95-1	3392	3909	3792	3698	7.33	cps
Molybdenum	96-1	3759	4026	4526	4104	9.49	cps
Molybdenum	97-1	1834	2267	2834	2311	21.70	cps
Molybdenum	98-1	5110	6469	6810	6130	14.68	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	293	240	227	253	13.92	cps
Phosphorus	31-2	0	0	17	6	173.21	cps
Potassium	39-2	1242	1433	1242	1306	8.48	cps
Rhodium	103-1	6482155	6495665	6660641	6546153	1.52	cps
Rhodium	103-2	1599480	1603025	1512317	1571607	3.27	cps
Scandium	45-1	3760364	3794074	3884930	3813123	1.69	cps
Scandium	45-2	24896	25360	24592	24949	1.55	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	4	2	2	2	43.30	cps
Selenium	82-1	-14	19	26	11	201.22	cps
Silicon	28-1	233011	231774	231324	232036	0.38	cps
Silver	109-1	392	242	258	297	27.66	cps
Silver	107-1	317	367	283	322	13.02	cps
Sodium	23-2	3817	3734	3451	3667	5.24	cps
Strontium	86-1	317	275	375	322	15.59	cps
Strontium	88-1	500	267	317	361	34.02	cps
Sulfur	34-1	247259	247699	246802	247253	0.18	cps
Terbium	159-1	9458182	9587138	9645273	9563531	1.00	cps
Terbium	159-2	1707416	1679659	1642961	1676679	1.93	cps
Thallium	203-1	817	650	800	756	12.15	cps
Thallium	205-1	2050	1784	1700	1845	9.91	cps
Tin	118-1	2375	2450	2634	2486	5.35	cps
Titanium	47-1	175	208	142	175	19.05	cps
Uranium	238-1	525	492	467	494	5.92	cps
Vanadium	51-2	7	3	3	4	43.40	cps
Yttrium	89-1	7110014	7225148	7345316	7226826	1.63	cps
Yttrium	89-2	177761	176964	173665	176130	1.23	cps
Zinc	66-2	27	20	30	26	19.92	cps

LB Number :	LB94183	Operator :	Jaswal
Lab Sample ID :	CCB015	Instrumnet Name :	P8
Client Sample ID :	CCB015	Dilution Factor :	1
Date & Time Acquired ::	2018-03-23 22:08:29	DataFile Name :	100CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1250	1200	1200	1217	2.37	cps
Zirconium	91-1	225	283	275	261	12.08	cps