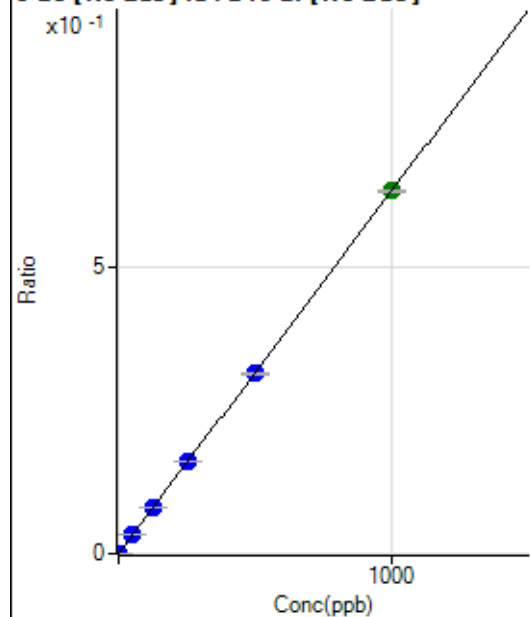


Calibration for 002CALB.d

Batch Folder: D:\ICP-MS Data\P7081518-MS.b\
 Analysis File: P7081518-MS.batch.bin
 DA Date-Time: 2018-08-15 12:44:54
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2018-08-15 16:48:20
2			
3	005CALS.d	S02	2018-08-15 16:56:46
4	006CALS.d	S03	2018-08-15 17:00:40
5	007CALS.d	S04	2018-08-15 17:04:50
6	008CALS.d	S05	2018-08-15 17:09:05
7	009CALS.d	S06	2018-08-15 17:12:51
8	010CALS.d	S07	2018-08-15 17:16:37
9	011CALS.d	S08	2018-08-15 17:20:27

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	29.63	0.0000	P	43.7
2	☐	0.100					
3	☐	1.000	0.971	3076.32	0.0006	P	2.3
4	☐	50.000	51.907	163612.24	0.0329	P	0.2
5	☐	125.000	128.130	403061.94	0.0813	P	1.1
6	☐	250.000	253.500	777960.69	0.1608	P	1.1
7	☐	500.000	496.126	1495881.65	0.3146	P	1.0
8	☐	1000.000	1000.575	2987904.52	0.6345	A	0.8
9	☐			416.68	0.0001	P	9.8

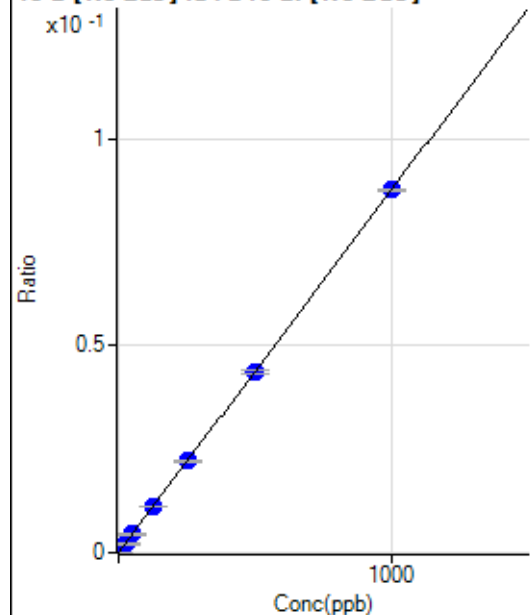
$$y = 6.3410E-004 * x + 6.1117E-006$$

$$R = 1.0000$$

$$DL = 0.01263$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	247.23	0.0001	P	12.4
2	☐	2.500					
3	☐	25.000	23.506	10442.91	0.0021	P	2.3
4	☐	50.000	50.659	22322.69	0.0045	P	3.4
5	☐	125.000	128.523	56149.83	0.0113	P	0.8
6	☐	250.000	252.350	107315.38	0.0222	P	2.5
7	☐	500.000	498.116	207883.71	0.0437	P	2.4
8	☐	1000.000	999.919	413119.37	0.0877	P	0.8
9	☐			12653.07	0.0029	P	10.0

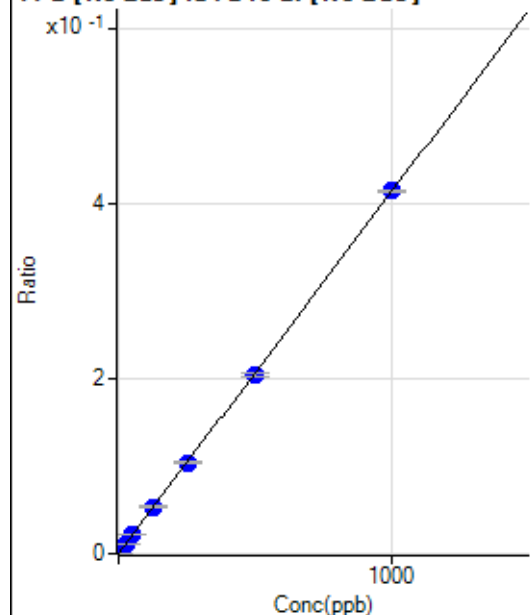
$$y = 8.7675E-005 * x + 5.0972E-005$$

$$R = 1.0000$$

$$DL = 0.2158$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1255.66	0.0003	P	9.3
2	☐	2.500					
3	☐	25.000	23.616	49593.63	0.0100	P	2.6
4	☐	50.000	50.451	105021.62	0.0211	P	1.4
5	☐	125.000	128.861	265761.06	0.0536	P	1.3
6	☐	250.000	250.571	502955.22	0.1039	P	3.1
7	☐	500.000	494.109	973263.47	0.2047	P	2.5
8	☐	1000.000	1002.332	1954404.93	0.4150	P	0.7
9	☐			58437.07	0.0133	P	9.7

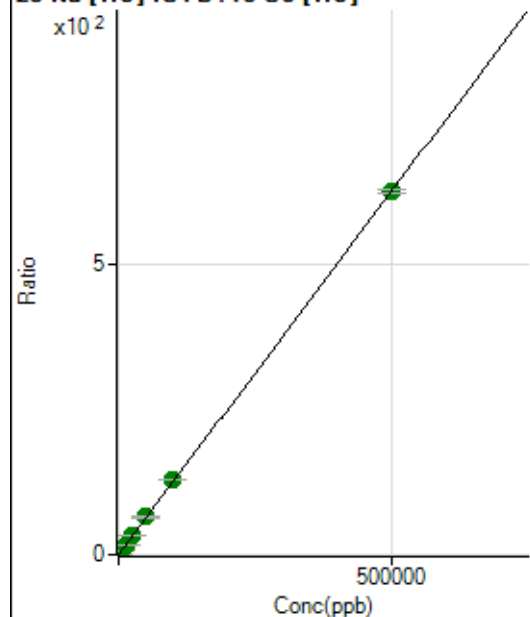
$$y = 4.1375\text{E-}004 * x + 2.5879\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.1737$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8686.19	0.0198	P	1.2
2	☐	50.000					
3	☐	500.000	499.446	295891.93	0.6450	P	0.3
4	☐	5000.000	5292.597	3109928.35	6.6456	A	0.3
5	☐	12500.000	13181.646	7713049.74	16.5220	A	0.2
6	☐	25000.000	25993.802	15256249.13	32.5616	A	0.4
7	☐	50000.000	51776.955	30489804.50	64.8397	A	1.6
8	☐	100000.00	102335.36	62292116.67	128.1341	A	0.9
9	☐	500000.00	499285.57	297742739.9	625.0789	A	1.0

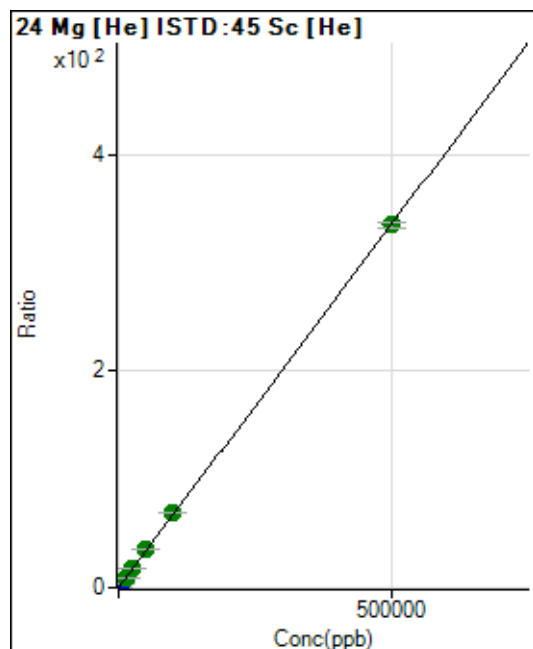
$$y = 0.0013 * x + 0.0198$$

$$R = 1.0000$$

$$DL = 0.5539$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	141.67	0.0003	P	11.8
2	☐	50.000					
3	☐	500.000	490.571	151247.57	0.3297	P	0.7
4	☐	5000.000	5309.816	1668526.17	3.5655	P	0.5
5	☐	12500.000	13285.745	4164613.90	8.9208	A	0.5
6	☐	25000.000	26184.488	8237587.34	17.5815	A	0.2
7	☐	50000.000	52172.772	16472139.95	35.0310	A	2.0
8	☐	100000.00	103003.36	33621617.76	69.1604	A	1.1
9	☐	500000.00	499100.09	159619878.5	335.1136	A	1.5

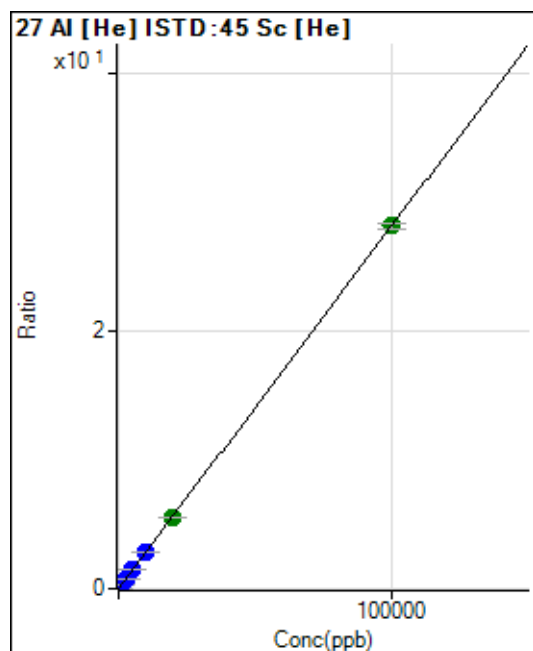
$$y = 6.7144\text{E-}004 * x + 3.2232\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.1695$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	63.89	0.0001	P	49.5
2	☐	2.000					
3	☐	20.000	19.843	2630.89	0.0057	P	0.7
4	☐	1000.000	1017.196	134161.15	0.2867	P	0.9
5	☐	2500.000	2537.191	333717.11	0.7149	P	0.8
6	☐	5000.000	5063.716	668402.19	1.4266	P	0.8
7	☐	10000.000	9992.137	1323635.70	2.8149	P	1.8
8	☐	20000.000	19720.167	2700658.91	5.5553	A	0.9
9	☐	100000.00	100052.46	13424606.81	28.1846	A	1.7

$$y = 2.8170\text{E-}004 * x + 1.4541\text{E-}004$$

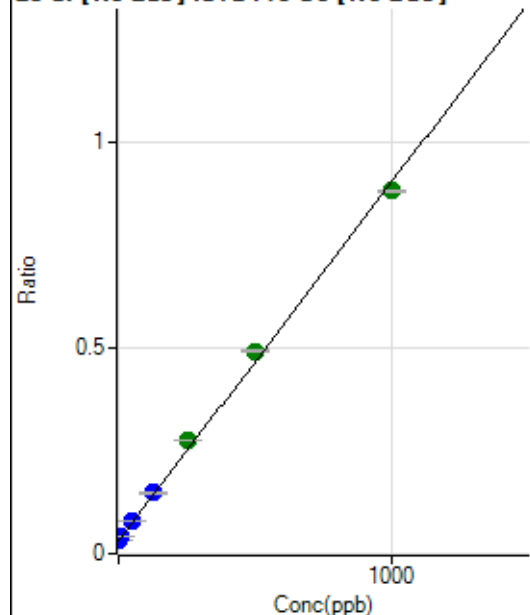
$$R = 1.0000$$

$$DL = 0.7662$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	302196.60	0.0313	P	0.2
2	☐	1.000					
3	☐	10.000	13.904	427200.99	0.0434	P	0.7
4	☐	50.000	54.621	784724.13	0.0790	P	1.0
5	☐	125.000	133.434	1490356.47	0.1478	P	1.9
6	☐	250.000	280.895	2720690.34	0.2765	A	0.5
7	☐	500.000	529.770	4869407.83	0.4937	A	0.8
8	☐	1000.000	976.067	8913020.95	0.8832	A	0.4
9	☐			874811.86	0.0886	P	1.9

$$y = 8.7280\text{E-}004 * x + 0.0313$$

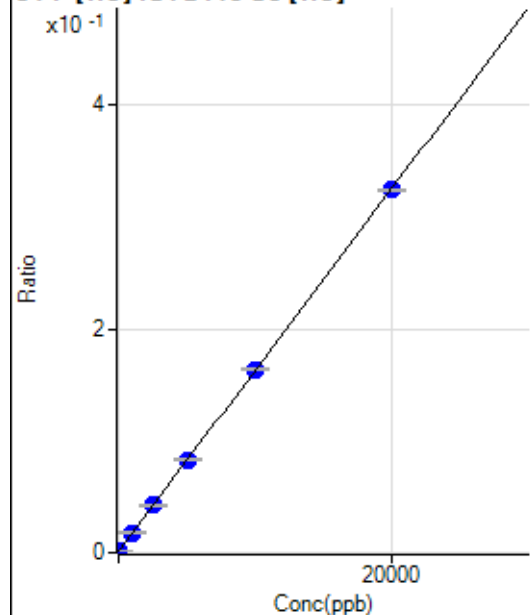
$$R = 0.9988$$

$$DL = 0.24$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	6.086	541.70	0.0012	P	8.0
2	☐	0.000					
3	☐	0.000	-6.086	475.03	0.0010	P	15.2
4	☐	1000.000	1038.001	8388.80	0.0179	P	1.5
5	☐	2500.000	2552.440	19808.21	0.0424	P	1.8
6	☐	5000.000	5060.466	38890.56	0.0830	P	1.2
7	☐	10000.000	10048.885	76987.90	0.1637	P	0.6
8	☐	20000.000	19951.986	157481.50	0.3239	P	0.8
9	☐			619.48	0.0013	P	12.5

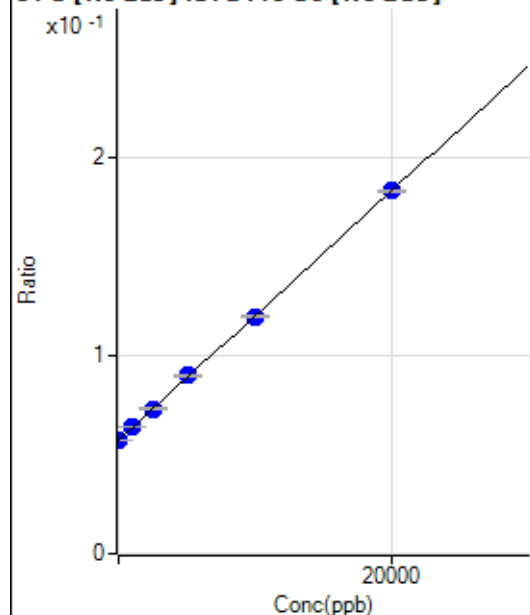
$$y = 1.6178\text{E-}005 * x + 0.0011$$

$$R = 1.0000$$

$$DL = 23.65$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-6.408	551866.34	0.0572	P	0.5
2	☐	0.000					
3	☐	0.000	6.408	562983.16	0.0572	P	0.8
4	☐	1000.000	1086.650	636267.88	0.0640	P	0.9
5	☐	2500.000	2508.133	736010.53	0.0730	P	1.5
6	☐	5000.000	5167.646	882569.52	0.0897	P	1.0
7	☐	10000.000	9931.948	1180018.57	0.1196	P	0.5
8	☐	20000.000	19986.766	1845162.46	0.1828	P	0.6
9	☐			453539.74	0.0460	P	1.1

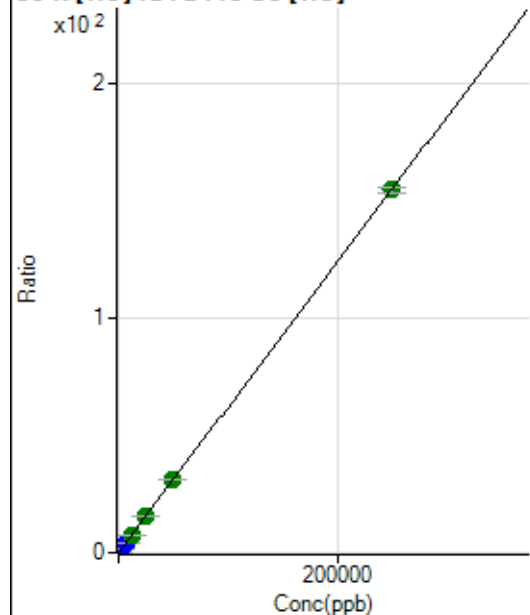
$$y = 6.2862\text{E-}006 * x + 0.0572$$

$$R = 0.9999$$

$$DL = 179.7$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	29858.90	0.0679	P	1.8
2	☐	50.000					
3	☐	500.000	474.096	165623.15	0.3610	P	1.3
4	☐	2500.000	2536.792	765750.89	1.6363	P	0.3
5	☐	6250.000	6321.351	1856289.97	3.9762	P	0.4
6	☐	12500.000	12370.882	3615412.54	7.7164	A	0.2
7	☐	25000.000	24888.406	7268125.94	15.4555	A	1.0
8	☐	50000.000	49729.496	14980572.56	30.8139	A	0.3
9	☐	250000.00	250069.61	73675171.79	154.6769	A	1.5

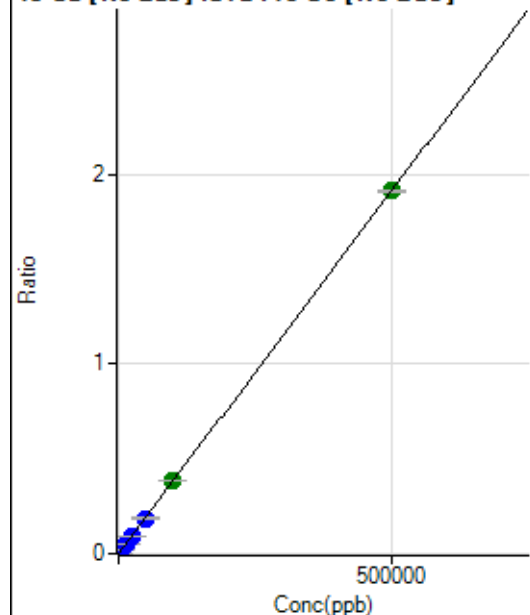
$$y = 6.1826\text{E-}004 * x + 0.0679$$

$$R = 1.0000$$

$$DL = 5.93$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	219.46	0.0000	P	21.5
2	☐	50.000					
3	☐	500.000	460.237	17552.77	0.0018	P	1.0
4	☐	5000.000	5047.206	192228.34	0.0193	P	0.7
5	☐	12500.000	12483.302	482256.87	0.0478	P	2.1
6	☐	25000.000	24493.994	923026.64	0.0938	P	0.4
7	☐	50000.000	48985.546	1849983.68	0.1876	P	0.6
8	☐	100000.00	99826.927	3857064.80	0.3822	A	0.4
9	☐	500000.00	500161.34	18899774.73	1.9149	A	0.5

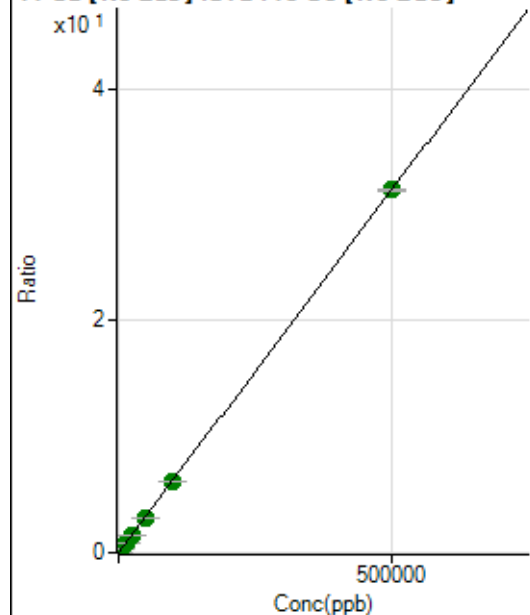
$$y = 3.8284E-006 * x + 2.2728E-005$$

$$R = 1.0000$$

$$DL = 3.829$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	10167.88	0.0011	P	5.2
2	☐	50.000					
3	☐	500.000	458.145	291878.88	0.0297	P	0.7
4	☐	5000.000	4929.422	3070806.86	0.3090	A	0.3
5	☐	12500.000	12327.492	7779470.75	0.7713	A	1.4
6	☐	25000.000	24443.674	15039017.00	1.5283	A	0.6
7	☐	50000.000	48936.717	30167713.17	3.0586	A	0.4
8	☐	100000.00	99195.172	62554578.48	6.1986	A	0.4
9	☐	500000.00	500300.17	308532020.7	31.2592	A	0.3

$$y = 6.2479E-005 * x + 0.0011$$

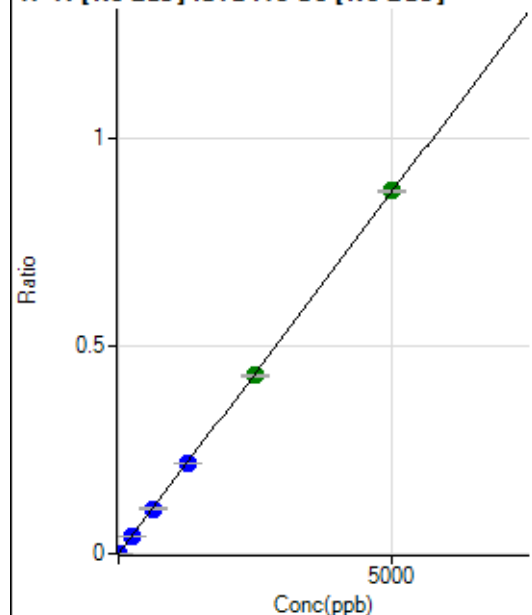
$$R = 1.0000$$

$$DL = 2.639$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	105.56	0.0000	P	51.2
2	☐	0.500					
3	☐	5.000	4.797	8330.46	0.0008	P	1.3
4	☐	250.000	249.448	432177.12	0.0435	P	0.5
5	☐	625.000	624.398	1097864.99	0.1088	P	1.8
6	☐	1250.000	1241.030	2128898.77	0.2163	P	0.4
7	☐	2500.000	2463.125	4234867.80	0.4294	A	0.5
8	☐	5000.000	5020.783	8831850.55	0.8752	A	0.2
9	☐			4353.61	0.0004	P	8.3

$$y = 1.7431\text{E-}004 * x + 1.0927\text{E-}005$$

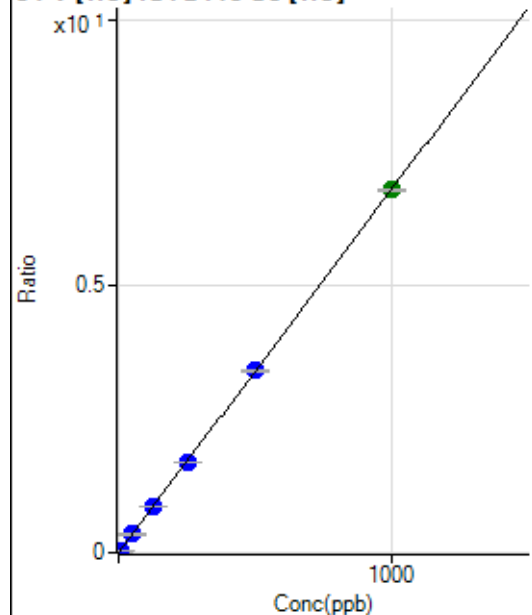
$$R = 1.0000$$

$$DL = 0.09628$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6.67	0.0000	P	99.9
2	☐	0.500					
3	☐	5.000	4.688	14640.75	0.0319	P	2.0
4	☐	50.000	50.352	160366.88	0.3427	P	0.2
5	☐	125.000	126.716	402588.27	0.8624	P	0.4
6	☐	250.000	249.338	795054.00	1.6969	P	0.5
7	☐	500.000	501.434	1604783.73	3.4125	P	1.1
8	☐	1000.000	999.218	3305924.29	6.8002	A	0.9
9	☐			1401.21	0.0029	P	2.6

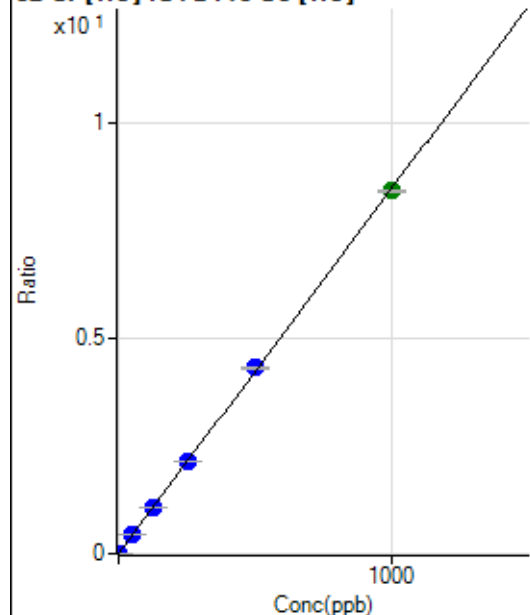
$$y = 0.0068 * x + 1.5152\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.006671$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	623.36	0.0014	P	16.6
2	☐	0.200					
3	☐	2.000	2.101	8819.43	0.0192	P	2.5
4	☐	50.000	51.229	203873.11	0.4357	P	0.8
5	☐	125.000	127.833	506515.05	1.0850	P	0.5
6	☐	250.000	252.559	1003720.24	2.1422	P	0.5
7	☐	500.000	509.509	2031650.28	4.3203	P	1.0
8	☐	1000.000	994.190	4097695.50	8.4287	A	0.5
9	☐			154516.07	0.3244	P	1.7

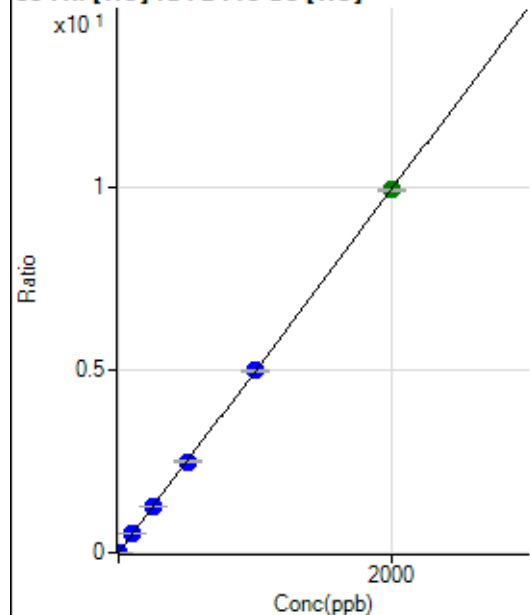
$$y = 0.0085 * x + 0.0014$$

$$R = 0.9999$$

$$DL = 0.08341$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	71.11	0.0002	P	11.6
2	☐	0.100					
3	☐	1.000	1.021	2398.01	0.0052	P	3.1
4	☐	100.000	101.738	236313.86	0.5050	P	0.6
5	☐	250.000	254.400	589360.19	1.2625	P	0.7
6	☐	500.000	502.445	1168200.71	2.4933	P	0.7
7	☐	1000.000	1001.984	2338045.47	4.9720	P	1.4
8	☐	2000.000	1997.760	4819319.86	9.9130	A	0.5
9	☐			24206.75	0.0508	P	2.6

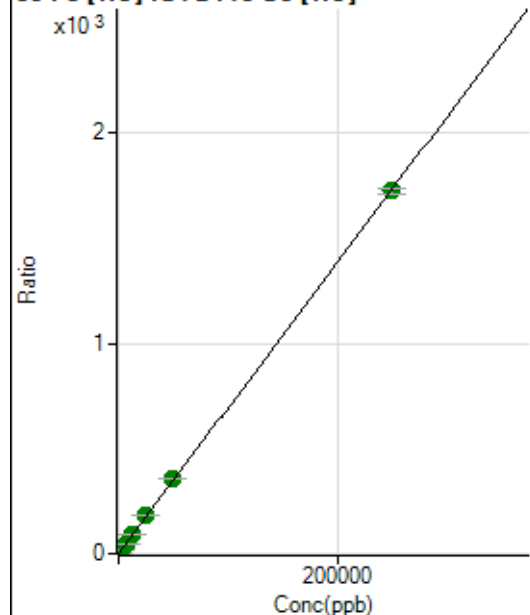
$$y = 0.0050 * x + 1.6176E-004$$

$$R = 1.0000$$

$$DL = 0.01138$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5119.86	0.0116	P	5.6
2	☐	5.000					
3	☐	50.000	51.210	167693.11	0.3656	P	0.2
4	☐	2500.000	2638.267	8537771.25	18.2446	A	0.4
5	☐	6250.000	6575.326	21218950.01	45.4533	A	0.4
6	☐	12500.000	13031.387	42201221.31	90.0708	A	0.8
7	☐	25000.000	26208.820	85180454.68	181.1392	A	1.3
8	☐	50000.000	51746.160	173855022.4	357.6263	A	1.2
9	☐	250000.00	249493.80	821283433.1	1,724.248	A	1.6

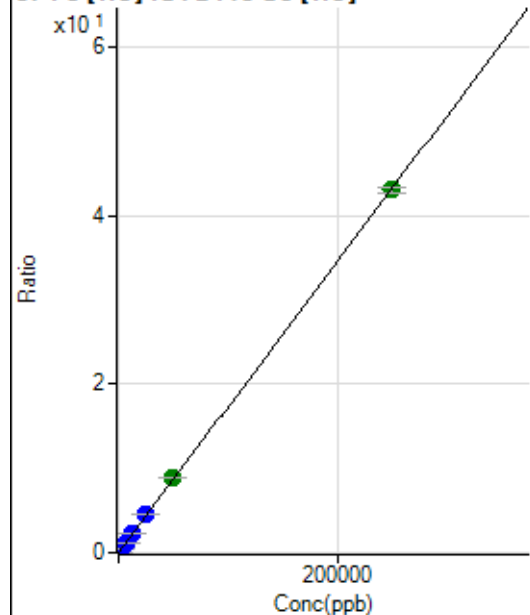
$$y = 0.0069 * x + 0.0116$$

$$R = 1.0000$$

$$DL = 0.2829$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	314.83	0.0007	P	10.8
2	☐	5.000					
3	☐	50.000	52.210	4461.93	0.0097	P	1.5
4	☐	2500.000	2649.292	214292.60	0.4579	P	0.9
5	☐	6250.000	6625.256	534102.58	1.1441	P	0.7
6	☐	12500.000	12990.343	1050740.77	2.2426	P	0.5
7	☐	25000.000	25984.955	2109187.22	4.4852	P	1.3
8	☐	50000.000	51664.184	4335007.97	8.9170	A	0.7
9	☐	250000.00	249533.27	20512552.77	43.0655	A	1.7

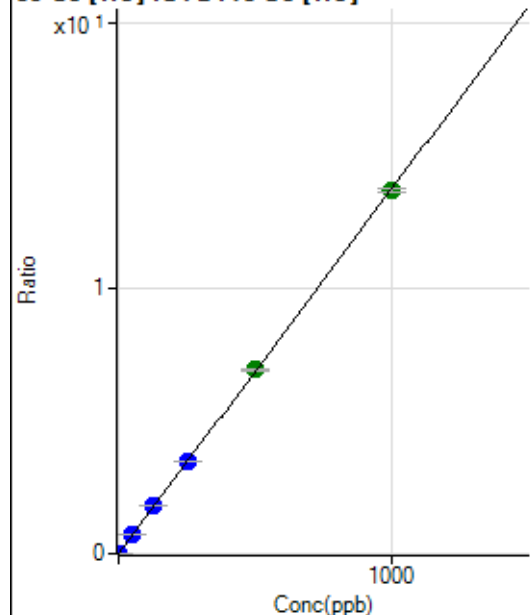
$$y = 1.7258E-004 * x + 7.1625E-004$$

$$R = 1.0000$$

$$DL = 1.341$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	85.56	0.0002	P	29.4
2	☐	0.100					
3	☐	1.000	0.982	6285.90	0.0137	P	1.8
4	☐	50.000	52.261	336538.46	0.7192	P	0.4
5	☐	125.000	129.967	834771.56	1.7882	P	0.5
6	☐	250.000	254.621	1641318.03	3.5031	P	0.3
7	☐	500.000	505.786	3272181.62	6.9584	A	1.3
8	☐	1000.000	995.218	6656046.15	13.6916	A	1.1
9	☐			78356.67	0.1645	P	1.8

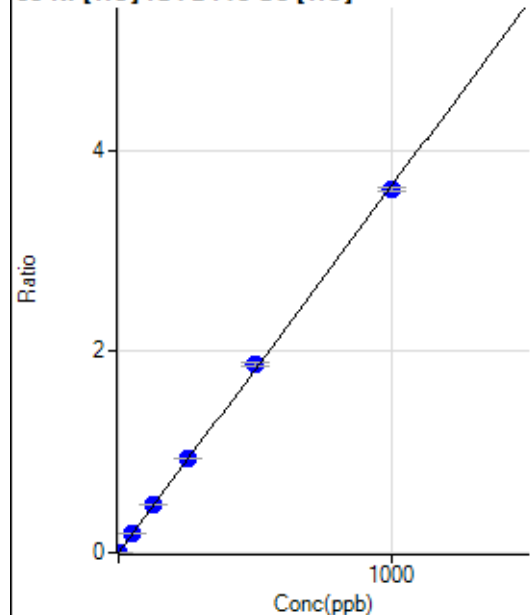
$$y = 0.0138 * x + 1.9462E-004$$

$$R = 1.0000$$

$$DL = 0.01248$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	86.67	0.0002	P	24.0
2	☐	0.100					
3	☐	1.000	1.110	1945.72	0.0042	P	4.6
4	☐	50.000	53.288	90937.60	0.1943	P	1.0
5	☐	125.000	132.675	225729.96	0.4835	P	0.1
6	☐	250.000	258.600	441488.30	0.9423	P	0.1
7	☐	500.000	514.280	881096.13	1.8737	P	1.4
8	☐	1000.000	989.586	1752653.38	3.6052	P	1.1
9	☐			54322.62	0.1141	P	2.2

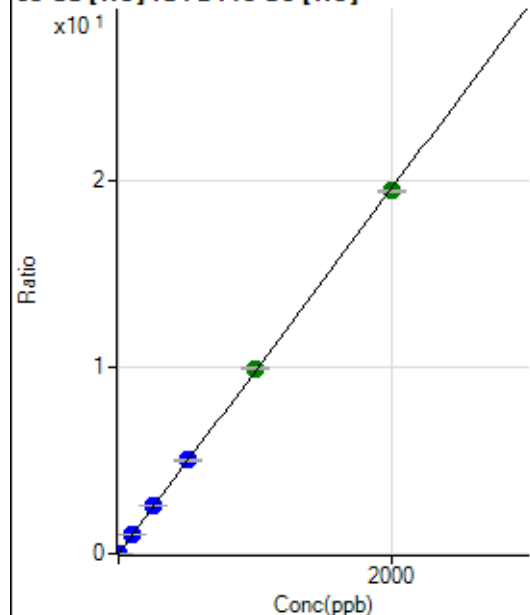
$$y = 0.0036 * x + 1.9717E-004$$

$$R = 0.9998$$

$$DL = 0.03896$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	656.69	0.0015	P	6.9
2	☐	0.200					
3	☐	2.000	2.081	10034.67	0.0219	P	1.9
4	☐	100.000	105.802	485617.07	1.0377	P	0.5
5	☐	250.000	263.336	1204685.54	2.5806	P	0.8
6	☐	500.000	512.121	2350702.77	5.0172	P	0.7
7	☐	1000.000	1014.845	4674621.04	9.9409	A	1.4
8	☐	2000.000	1987.590	9464445.14	19.4679	A	0.5
9	☐			21568.31	0.0453	P	2.0

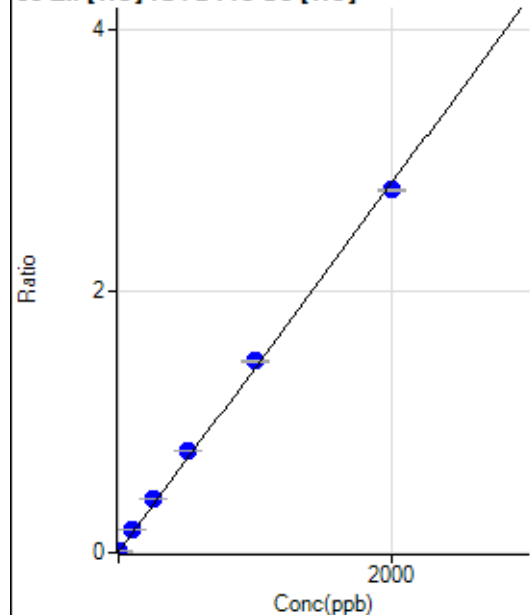
$$y = 0.0098 * x + 0.0015$$

$$R = 0.9999$$

$$DL = 0.03139$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1984.61	0.0045	P	1.6
2	☐	0.200					
3	☐	2.000	3.174	4126.21	0.0090	P	3.0
4	☐	100.000	120.866	81918.06	0.1751	P	0.8
5	☐	250.000	290.670	193575.25	0.4146	P	0.1
6	☐	500.000	546.662	363508.76	0.7758	P	0.7
7	☐	1000.000	1036.707	689991.03	1.4673	P	1.3
8	☐	2000.000	1963.853	1349341.94	2.7755	P	0.4
9	☐			12808.00	0.0269	P	3.3

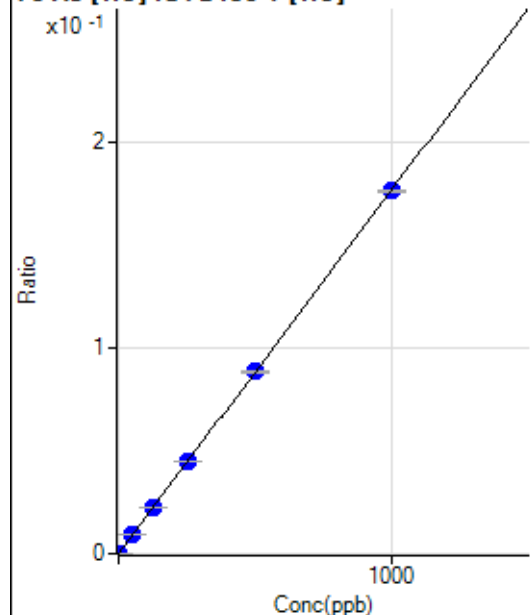
$$y = 0.0014 * x + 0.0045$$

$$R = 0.9993$$

$$DL = 0.1578$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	6.17	0.0000	P	121.
2	☐	0.100					
3	☐	1.000	1.040	441.99	0.0002	P	5.7
4	☐	50.000	51.371	22079.18	0.0091	P	1.0
5	☐	125.000	127.160	54734.56	0.0224	P	0.1
6	☐	250.000	252.749	108984.56	0.0445	P	0.6
7	☐	500.000	501.736	218910.47	0.0884	P	0.8
8	☐	1000.000	998.106	448480.15	0.1759	P	0.2
9	☐			729.65	0.0003	P	2.8

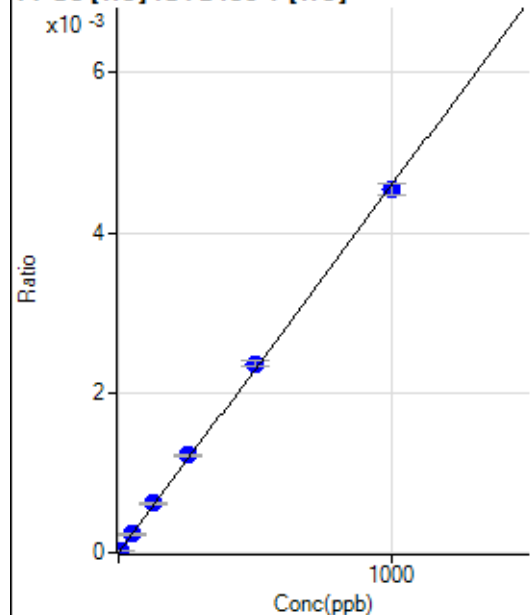
$$y = 1.7625\text{E-}004 * x + 2.7493\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.05682$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.500					
3	☐	5.000	5.608	61.11	0.0000	P	17.2
4	☐	50.000	50.226	562.24	0.0002	P	4.9
5	☐	125.000	133.788	1500.10	0.0006	P	2.5
6	☐	250.000	265.203	2979.25	0.0012	P	1.3
7	☐	500.000	514.696	5850.16	0.0024	P	3.2
8	☐	1000.000	987.738	11563.67	0.0045	P	3.1
9	☐			5.56	0.0000	P	34.7

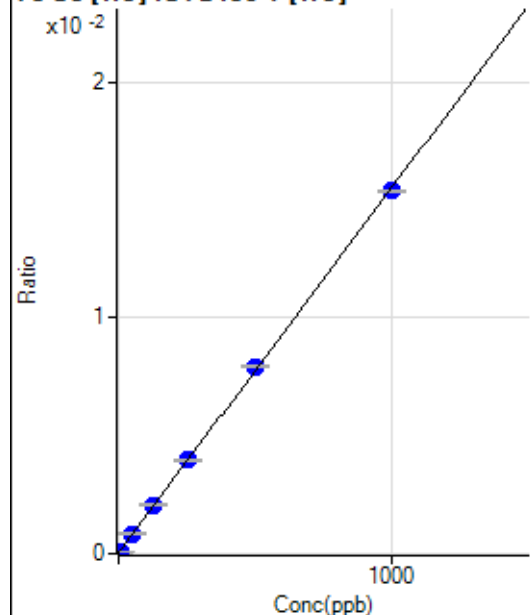
$$y = 4.5921\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9997$$

$$DL = 0$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	79.63	0.0000	P	21.7
2	☐	0.500					
3	☐	5.000	4.869	262.96	0.0001	P	8.9
4	☐	50.000	52.374	2062.51	0.0008	P	3.2
5	☐	125.000	131.315	5049.68	0.0021	P	1.4
6	☐	250.000	254.157	9710.10	0.0040	P	1.7
7	☐	500.000	511.335	19679.45	0.0080	P	0.9
8	☐	1000.000	992.386	39249.23	0.0154	P	0.7
9	☐			101.24	0.0000	P	6.2

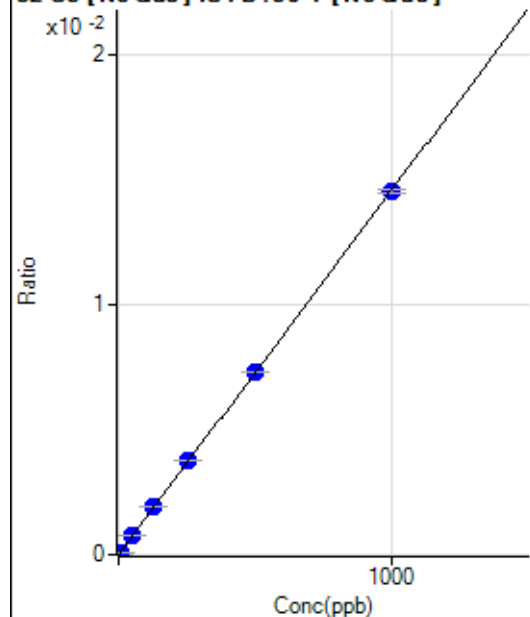
$$y = 1.5478\text{E-}005 * x + 3.5397\text{E-}005$$

$$R = 0.9999$$

$$DL = 1.487$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	53.90	0.0000	P	25.9
2	☐	0.500					
3	☐	5.000	4.849	1173.38	0.0001	P	5.4
4	☐	50.000	52.719	12381.11	0.0008	P	0.4
5	☐	125.000	131.881	31341.93	0.0019	P	0.9
6	☐	250.000	258.437	60475.46	0.0038	P	0.5
7	☐	500.000	501.531	119576.94	0.0073	P	0.4
8	☐	1000.000	996.130	241005.39	0.0145	P	1.0
9	☐			290.71	0.0000	P	32.2

$$y = 1.4573\text{E-}005 * x + 3.4837\text{E-}006$$

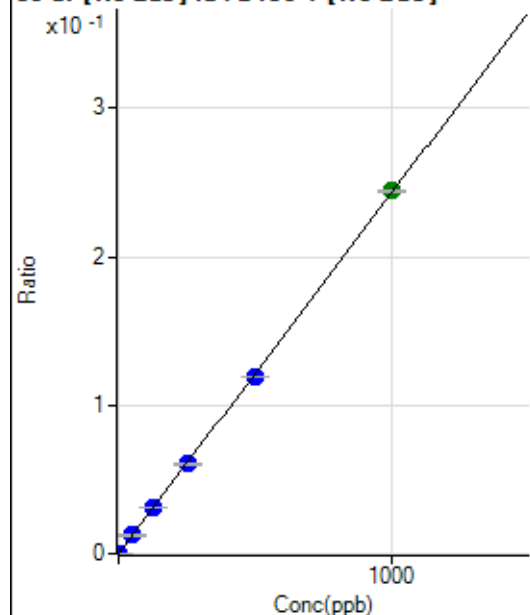
$$R = 0.9999$$

$$DL = 0.1857$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	875.06	0.0001	P	7.9
2	☐	0.100					
3	☐	1.000	0.955	4567.57	0.0003	P	6.2
4	☐	50.000	50.533	197838.49	0.0123	P	1.0
5	☐	125.000	125.788	498330.96	0.0306	P	1.0
6	☐	250.000	248.154	967958.02	0.0603	P	0.8
7	☐	500.000	489.427	1945153.97	0.1189	P	0.1
8	☐	1000.000	1005.623	4055781.17	0.2443	A	0.6
9	☐			20292.85	0.0013	P	2.0

$$y = 2.4291\text{E-}004 * x + 5.6569\text{E-}005$$

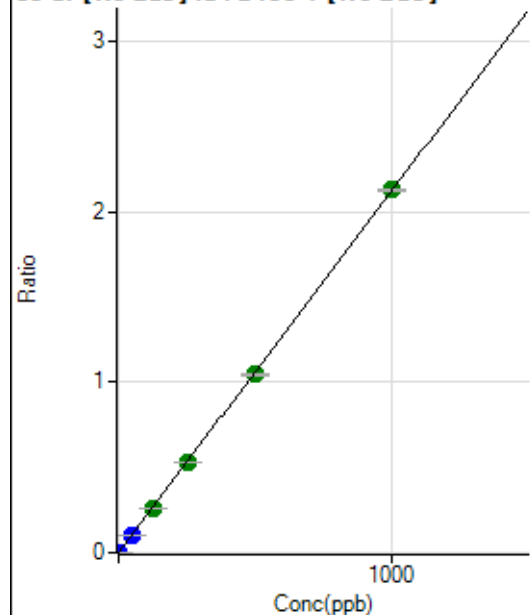
$$R = 0.9999$$

$$DL = 0.05515$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	163.89	0.0000	P	13.1
2	☐	0.100					
3	☐	1.000	0.968	32679.88	0.0021	P	1.8
4	☐	50.000	49.857	1698468.33	0.1059	P	0.5
5	☐	125.000	124.552	4305142.11	0.2645	A	0.7
6	☐	250.000	249.217	8489210.61	0.5291	A	0.2
7	☐	500.000	493.499	17134794.13	1.0478	A	0.8
8	☐	1000.000	1003.509	35366826.83	2.1307	A	0.8
9	☐			167621.06	0.0105	P	1.3

$$y = 0.0021 * x + 1.0598\text{E-}005$$

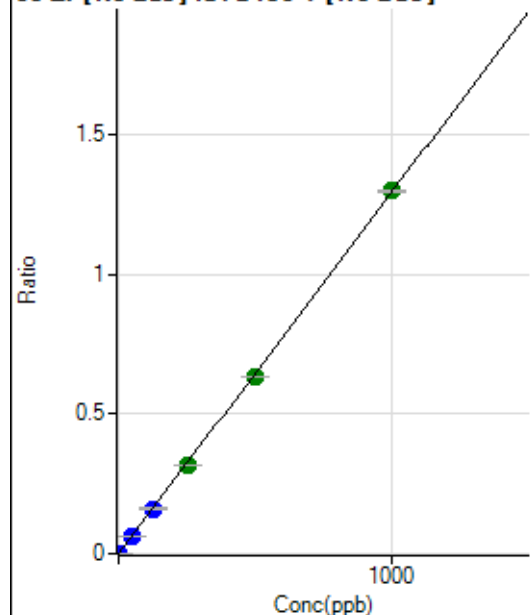
$$R = 1.0000$$

$$DL = 0.001969$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1311.23	0.0001	P	12.4
2	☐	0.100					
3	☐	1.000	0.968	21107.77	0.0013	P	1.9
4	☐	50.000	49.863	1033555.67	0.0644	P	0.8
5	☐	125.000	124.618	2618941.21	0.1609	P	1.0
6	☐	250.000	247.092	5116316.82	0.3189	A	0.3
7	☐	500.000	491.547	10373559.44	0.6343	A	0.2
8	☐	1000.000	1005.008	21526998.22	1.2969	A	0.4
9	☐			4876.04	0.0003	P	4.8

$$y = 0.0013 * x + 8.4748E-005$$

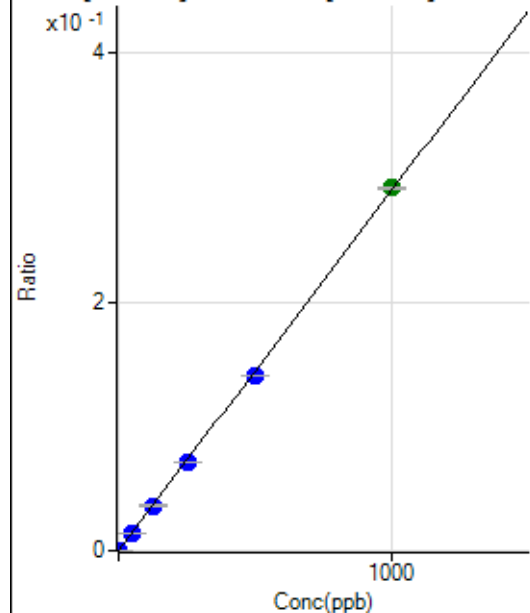
$$R = 0.9999$$

$$DL = 0.0244$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	261.12	0.0000	P	18.7
2	☐	0.100					
3	☐	1.000	1.015	4914.93	0.0003	P	3.2
4	☐	50.000	49.630	230746.93	0.0144	P	0.6
5	☐	125.000	124.943	589014.38	0.0362	P	1.1
6	☐	250.000	246.582	1145352.69	0.0714	P	0.9
7	☐	500.000	485.607	2298975.16	0.1406	P	0.4
8	☐	1000.000	1008.076	4843892.43	0.2918	A	0.6
9	☐			1166.76	0.0001	P	8.5

$$y = 2.8946E-004 * x + 1.6879E-005$$

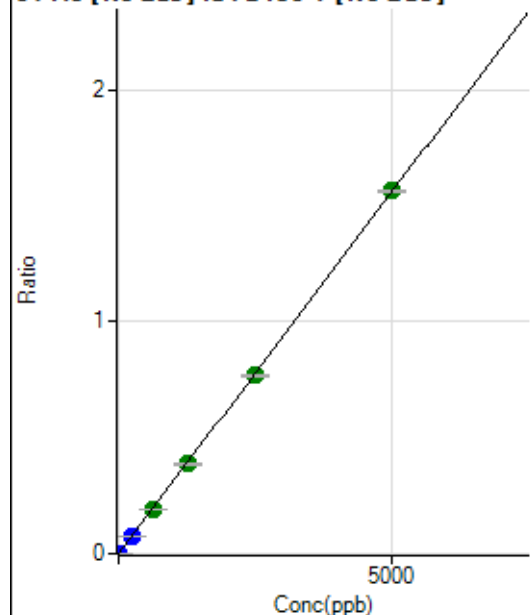
$$R = 0.9998$$

$$DL = 0.0327$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	3600.45	0.0002	P	148.
2	☐	0.500					
3	☐	5.000	4.080	23804.01	0.0015	P	1.0
4	☐	250.000	249.926	1253602.14	0.0781	P	0.2
5	☐	625.000	619.556	3147656.97	0.1934	A	0.9
6	☐	1250.000	1237.265	6191143.02	0.3859	A	0.7
7	☐	2500.000	2465.371	12571345.16	0.7687	A	0.4
8	☐	5000.000	5021.183	25984188.77	1.5654	A	0.9
9	☐			34442.70	0.0021	P	2.9

$$y = 3.1172\text{E-}004 * x + 2.3198\text{E-}004$$

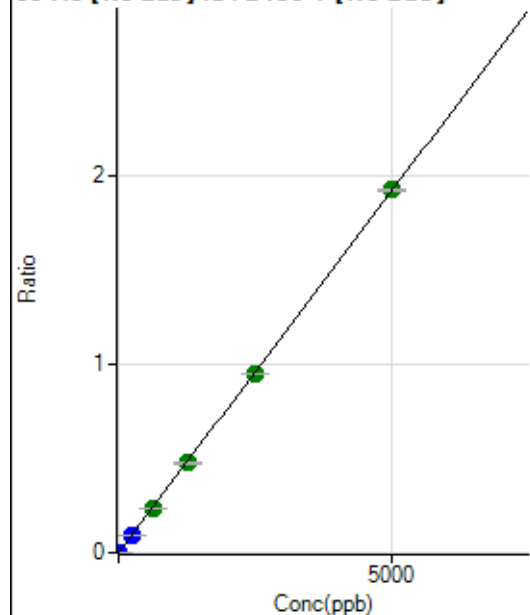
$$R = 1.0000$$

$$DL = 3.314$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	83.34	0.0000	P	10.2
2	☐	0.500					
3	☐	5.000	4.653	28309.53	0.0018	P	2.2
4	☐	250.000	247.822	1523897.11	0.0950	P	0.8
5	☐	625.000	621.248	3876157.21	0.2381	A	0.9
6	☐	1250.000	1238.900	7617847.82	0.4748	A	0.5
7	☐	2500.000	2471.502	15490760.93	0.9473	A	0.7
8	☐	5000.000	5017.602	31921258.00	1.9231	A	0.8
9	☐			58236.76	0.0036	P	1.4

$$y = 3.8327\text{E-}004 * x + 5.3877\text{E-}006$$

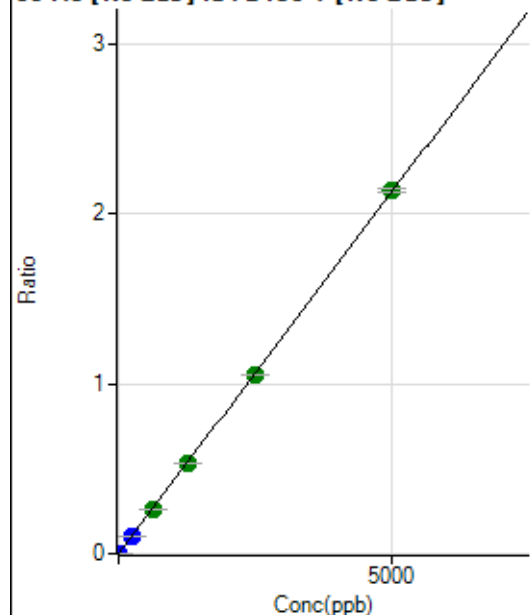
$$R = 1.0000$$

$$DL = 0.004292$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	155.57	0.0000	P	21.3
2	☐	0.500					
3	☐	5.000	4.786	32382.04	0.0020	P	2.4
4	☐	250.000	247.236	1687240.18	0.1052	P	0.2
5	☐	625.000	621.829	4305733.78	0.2645	A	0.6
6	☐	1250.000	1239.341	8457066.51	0.5271	A	0.3
7	☐	2500.000	2467.876	17165668.09	1.0497	A	0.6
8	☐	5000.000	5019.261	35435735.17	2.1349	A	1.1
9	☐			70821.06	0.0044	P	3.6

$$y = 4.2534\text{E-}004 * x + 1.0051\text{E-}005$$

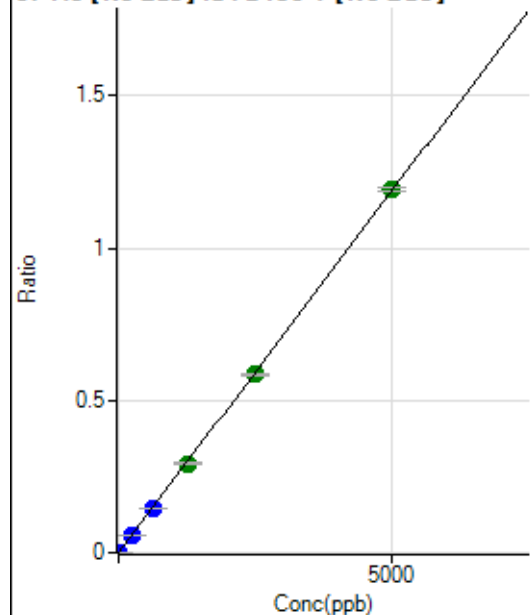
$$R = 1.0000$$

$$DL = 0.01509$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	77.78	0.0000	P	55.3
2	☐	0.500					
3	☐	5.000	4.827	18192.82	0.0011	P	2.5
4	☐	250.000	251.745	957741.84	0.0597	P	0.2
5	☐	625.000	619.949	2393028.52	0.1470	P	0.8
6	☐	1250.000	1237.236	4706493.59	0.2934	A	1.0
7	☐	2500.000	2464.739	9557282.07	0.5844	A	0.5
8	☐	5000.000	5021.366	19762686.73	1.1906	A	1.2
9	☐			35907.43	0.0022	P	4.4

$$y = 2.3711\text{E-}004 * x + 5.0323\text{E-}006$$

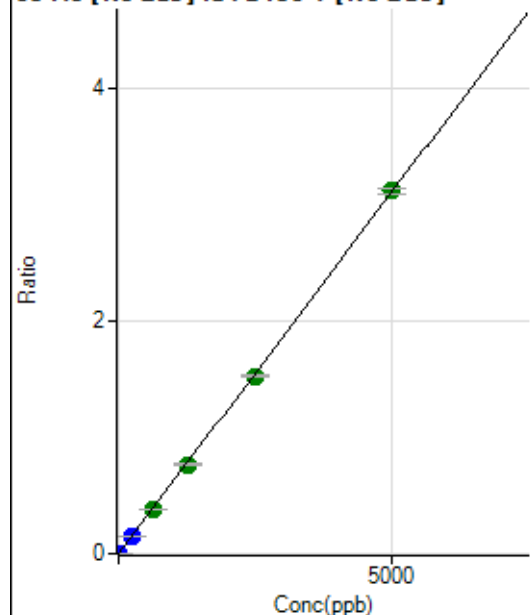
$$R = 1.0000$$

$$DL = 0.03519$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	97.23	0.0000	P	26.5
2	☐	0.500					
3	☐	5.000	4.710	46462.87	0.0029	P	0.6
4	☐	250.000	248.901	2483472.73	0.1548	P	0.2
5	☐	625.000	622.525	6302521.50	0.3872	A	0.5
6	☐	1250.000	1237.818	12349986.21	0.7698	A	0.8
7	☐	2500.000	2458.453	25002609.76	1.5289	A	0.6
8	☐	5000.000	5024.184	51861828.59	3.1246	A	1.4
9	☐			92357.03	0.0058	P	2.0

$$y = 6.2190E-004 * x + 6.2889E-006$$

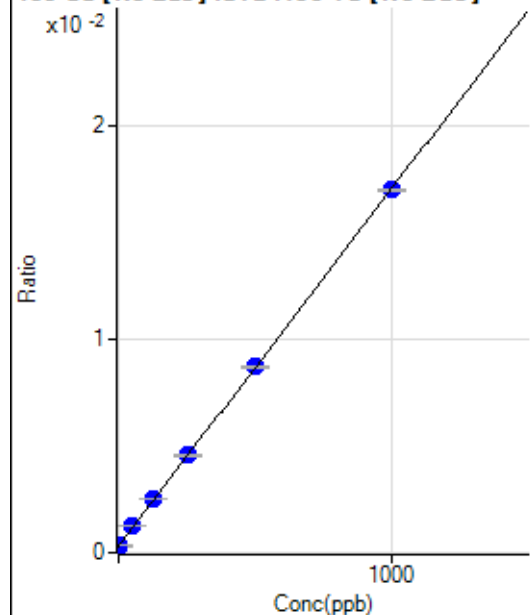
$$R = 0.9999$$

$$DL = 0.008052$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6326.67	0.0003	P	0.9
2	☐	0.100					
3	☐	1.000	1.699	7038.19	0.0003	P	7.7
4	☐	50.000	55.031	26250.14	0.0012	P	1.5
5	☐	125.000	133.949	55724.14	0.0025	P	1.5
6	☐	250.000	253.737	98586.28	0.0046	P	1.2
7	☐	500.000	501.127	192441.81	0.0087	P	1.3
8	☐	1000.000	997.131	381276.92	0.0170	P	0.5
9	☐			7263.30	0.0003	P	0.8

$$y = 1.6745E-005 * x + 3.0571E-004$$

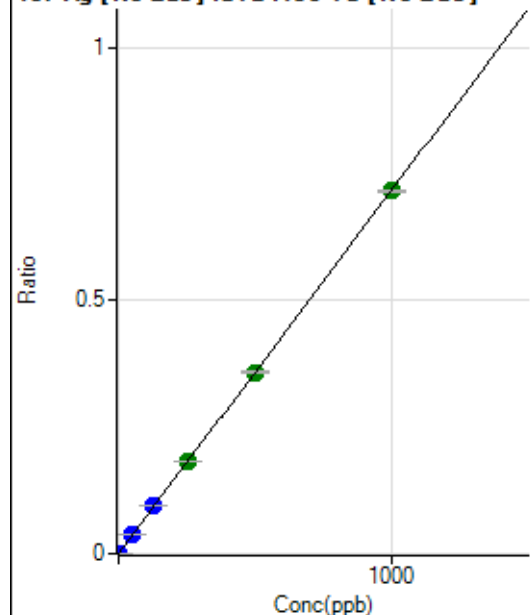
$$R = 1.0000$$

$$DL = 0.5144$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	116.67	0.0000	P	44.5
2	☐	0.100					
3	☐	1.000	1.033	15726.07	0.0007	P	1.7
4	☐	50.000	53.579	822164.70	0.0384	P	0.6
5	☐	125.000	130.946	2053813.95	0.0939	P	0.9
6	☐	250.000	255.192	3962378.82	0.1831	A	0.5
7	☐	500.000	498.278	7908894.27	0.3574	A	1.0
8	☐	1000.000	998.641	16063615.29	0.7163	A	0.6
9	☐			1969.66	0.0001	P	1.7

$$y = 7.1731\text{E-}004 * x + 5.6355\text{E-}006$$

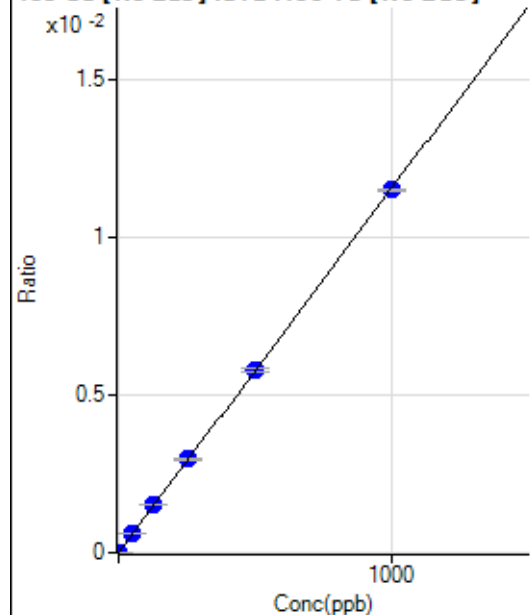
$$R = 1.0000$$

$$DL = 0.01048$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	11.11	0.0000	P	43.4
2	☐	0.100					
3	☐	1.000	0.868	222.23	0.0000	P	13.7
4	☐	50.000	54.494	13457.98	0.0006	P	1.5
5	☐	125.000	131.582	33201.51	0.0015	P	1.5
6	☐	250.000	258.397	64539.41	0.0030	P	1.8
7	☐	500.000	501.543	128042.62	0.0058	P	1.3
8	☐	1000.000	996.082	257703.73	0.0115	P	0.2
9	☐			91.67	0.0000	P	12.8

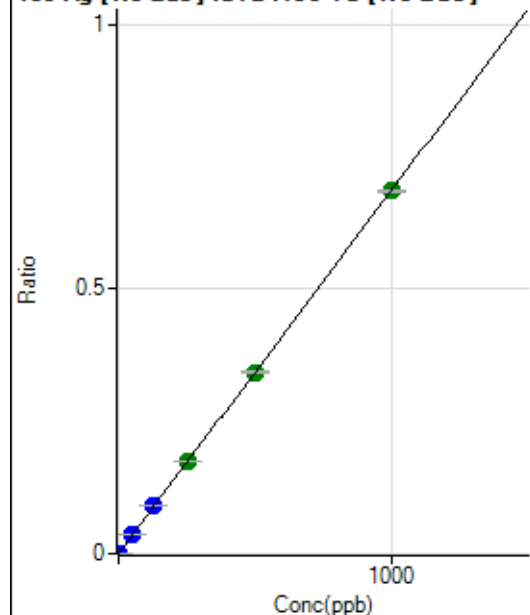
$$y = 1.1537\text{E-}005 * x + 5.3692\text{E-}007$$

$$R = 0.9999$$

$$DL = 0.06059$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	47.22	0.0000	P	27.2
2	☐	0.100					
3	☐	1.000	0.998	14477.42	0.0007	P	1.7
4	☐	50.000	53.660	787751.20	0.0368	P	0.3
5	☐	125.000	131.602	1974794.21	0.0903	P	1.0
6	☐	250.000	255.468	3795153.82	0.1753	A	0.3
7	☐	500.000	498.269	7566828.64	0.3420	A	1.0
8	☐	1000.000	998.490	15366702.77	0.6853	A	0.8
9	☐			1636.29	0.0001	P	4.5

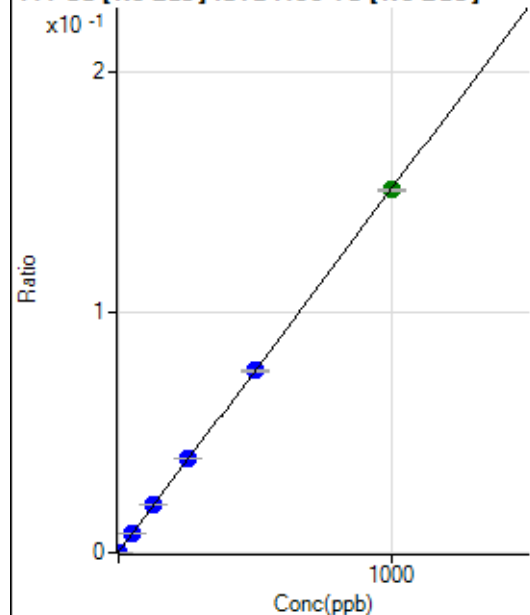
$$y = 6.8630E-004 * x + 2.2829E-006$$

$$R = 1.0000$$

$$DL = 0.00271$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	4420.89	0.0002	P	1.0
2	☐	0.100					
3	☐	1.000	1.038	7809.06	0.0004	P	3.5
4	☐	50.000	53.843	178901.47	0.0084	P	0.5
5	☐	125.000	132.967	444747.11	0.0203	P	0.8
6	☐	250.000	257.939	849783.37	0.0393	P	0.6
7	☐	500.000	499.337	1677225.19	0.0758	P	1.4
8	☐	1000.000	997.159	3389581.90	0.1512	A	0.6
9	☐			5792.40	0.0003	P	0.3

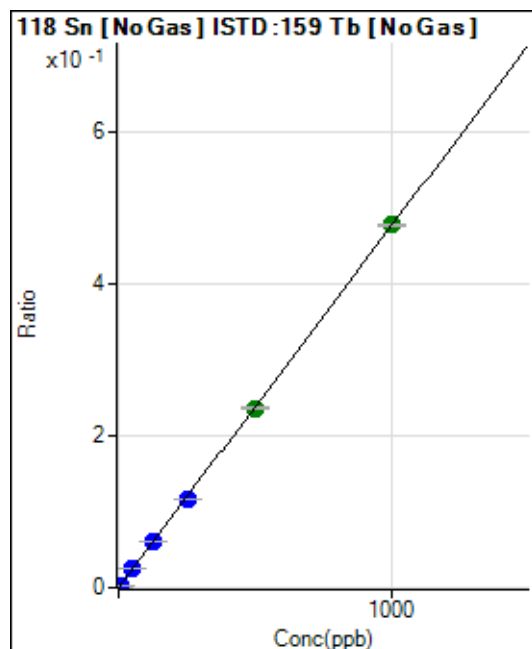
$$y = 1.5137E-004 * x + 2.1362E-004$$

$$R = 0.9999$$

$$DL = 0.04132$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1088.98	0.0001	P	4.9
2	☐	0.500					
3	☐	5.000	4.806	49323.73	0.0023	P	1.0
4	☐	50.000	51.825	529152.91	0.0247	P	0.4
5	☐	125.000	126.859	1322398.12	0.0605	P	0.9
6	☐	250.000	246.423	2542038.45	0.1174	P	0.2
7	☐	500.000	495.365	5222432.06	0.2360	A	1.4
8	☐	1000.000	1002.889	10713943.03	0.4778	A	0.6
9	☐			48994.72	0.0023	P	0.5

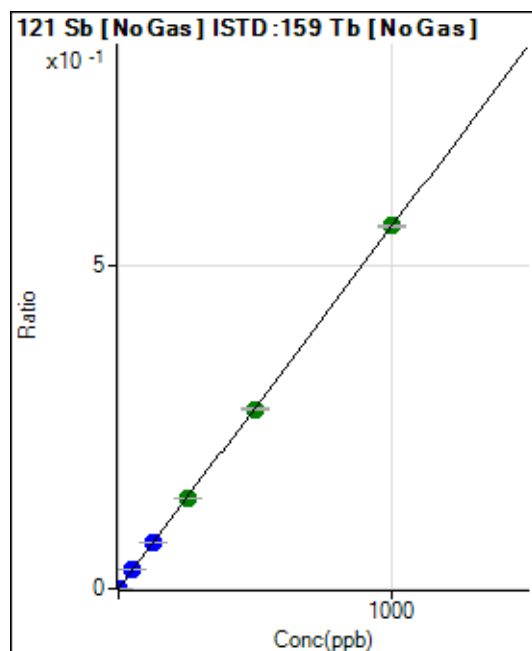
$$y = 4.7635\text{E-}004 * x + 5.2620\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.01636$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	105.56	0.0000	P	20.1
2	☐	0.200					
3	☐	2.000	1.891	22426.95	0.0011	P	3.5
4	☐	50.000	51.413	616340.63	0.0288	P	0.8
5	☐	125.000	126.681	1552252.92	0.0710	P	0.9
6	☐	250.000	250.181	3034752.89	0.1402	A	0.4
7	☐	500.000	494.461	6131327.96	0.2771	A	1.0
8	☐	1000.000	1002.444	12597049.41	0.5618	A	0.4
9	☐			19589.38	0.0009	P	1.8

$$y = 5.6038\text{E-}004 * x + 5.1024\text{E-}006$$

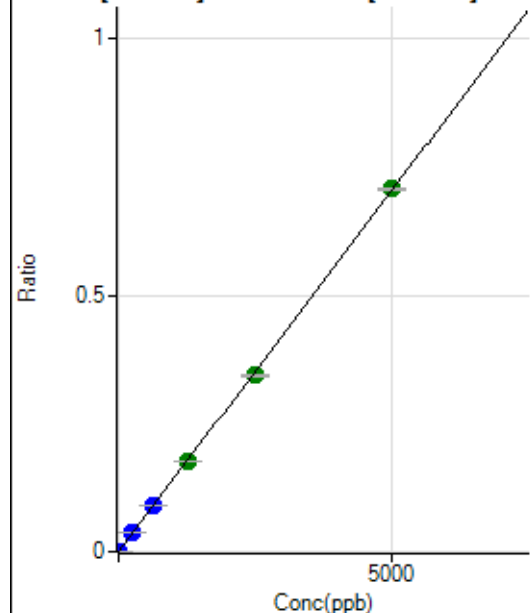
$$R = 1.0000$$

$$DL = 0.00548$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	27.78	0.0000	P	91.8
2	☐	1.000					
3	☐	10.000	9.392	27856.51	0.0013	P	1.0
4	☐	250.000	255.415	768562.53	0.0359	P	0.7
5	☐	625.000	628.563	1933420.18	0.0884	P	0.6
6	☐	1250.000	1248.452	3801585.37	0.1756	A	1.1
7	☐	2500.000	2447.931	7620166.49	0.3444	A	1.0
8	☐	5000.000	5025.707	15854496.19	0.7070	A	0.8
9	☐			3028.24	0.0001	P	2.1

$$y = 1.4068\text{E-}004 * x + 1.3408\text{E-}006$$

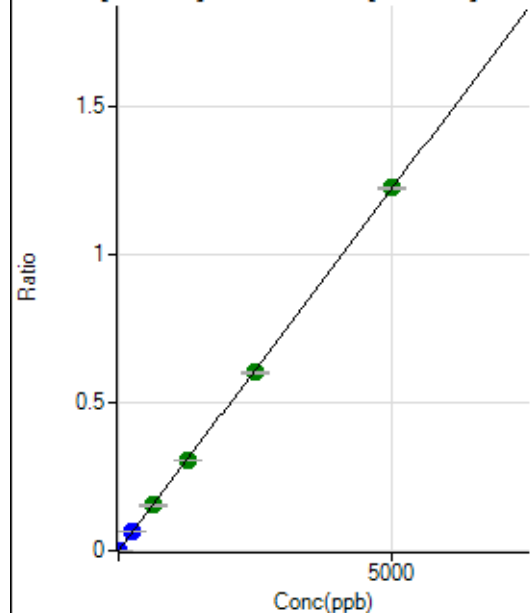
$$R = 0.9999$$

$$DL = 0.02623$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	25.00	0.0000	P	33.3
2	☐	1.000					
3	☐	10.000	9.590	49246.52	0.0023	P	0.8
4	☐	250.000	256.241	1335604.23	0.0624	P	0.8
5	☐	625.000	628.278	3347489.36	0.1531	A	1.2
6	☐	1250.000	1247.298	6579124.84	0.3040	A	1.0
7	☐	2500.000	2466.210	13298379.64	0.6010	A	0.9
8	☐	5000.000	5016.850	27414983.60	1.2225	A	0.8
9	☐			5170.61	0.0002	P	0.5

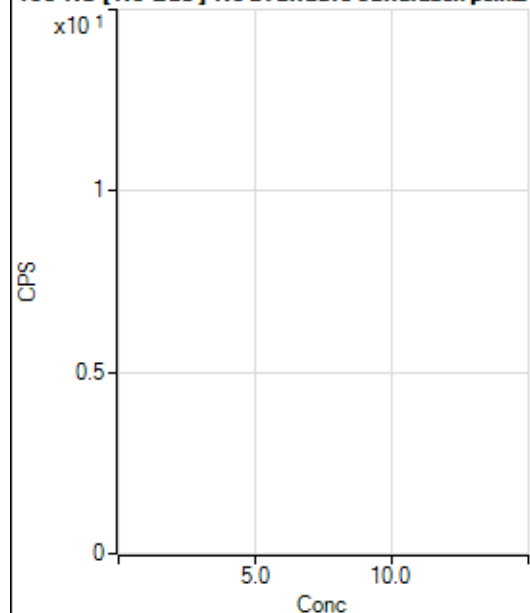
$$y = 2.4369\text{E-}004 * x + 1.2077\text{E-}006$$

$$R = 1.0000$$

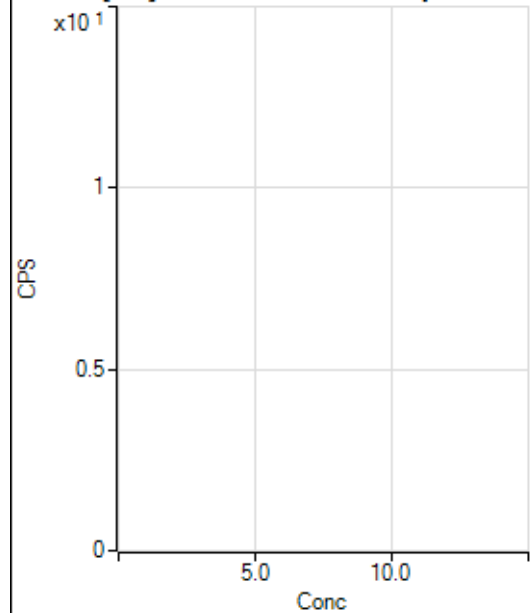
$$DL = 0.004947$$

Weight: <None>

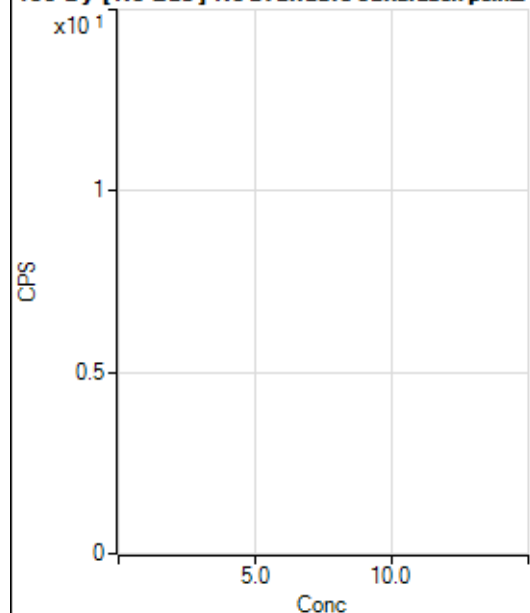
Min Conc: 0

150 Nd [No Gas] No available calibration points

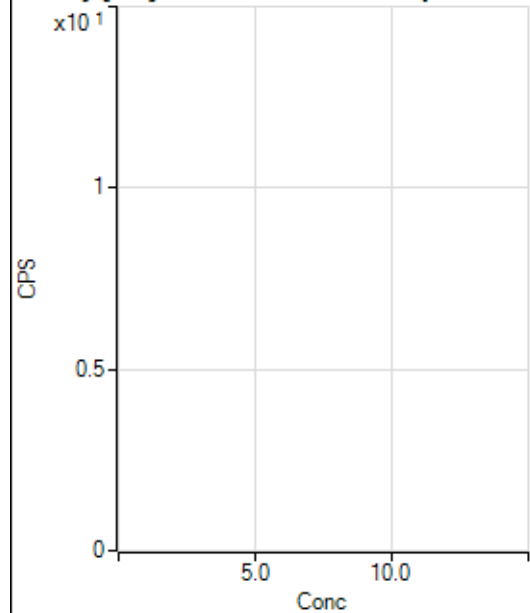
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	100.
2	☐						
3	☐			8.89		P	43.3
4	☐			66.67		P	30.0
5	☐			160.01		P	36.3
6	☐			282.23		P	8.3
7	☐			551.14		P	18.6
8	☐			1035.64		P	1.3
9	☐			186.67		P	18.6

150 Nd [He] No available calibration points

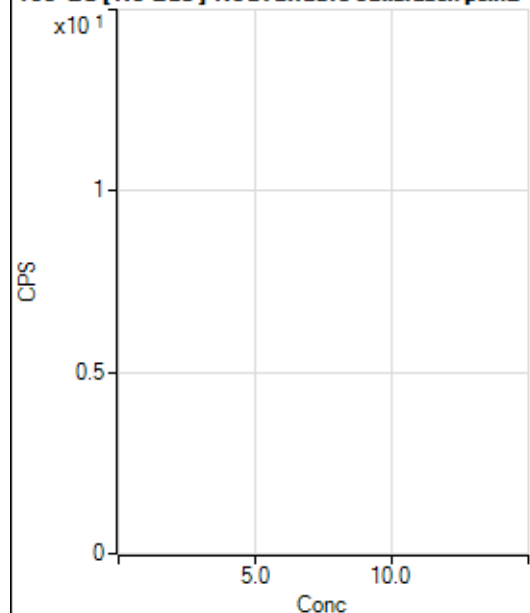
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐						
3	☐			2.22		P	173.
4	☐			6.66		P	86.6
5	☐			11.11		P	17.3
6	☐			28.89		P	46.6
7	☐			63.33		P	10.5
8	☐			112.23		P	9.1
9	☐			81.12		P	4.7

156 Dy [No Gas] No available calibration points

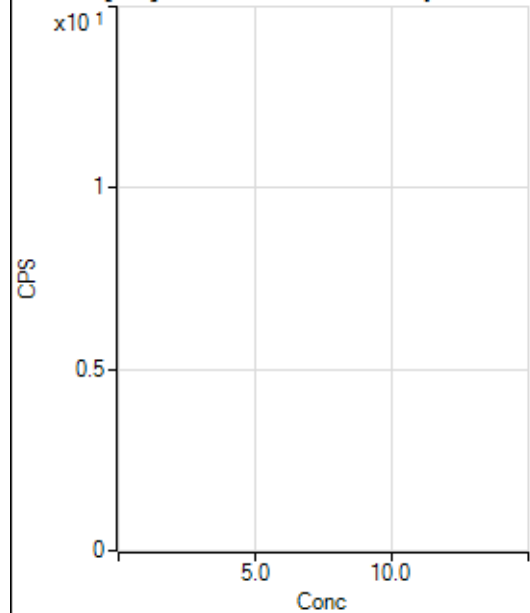
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.89		P	69.3
2	☐						
3	☐			8.33		P	100.
4	☐			19.45		P	24.7
5	☐			36.11		P	35.2
6	☐			75.00		P	50.9
7	☐			102.78		P	40.0
8	☐			227.79		P	29.3
9	☐			161.12		P	15.8

156 Dy [He] No available calibration points

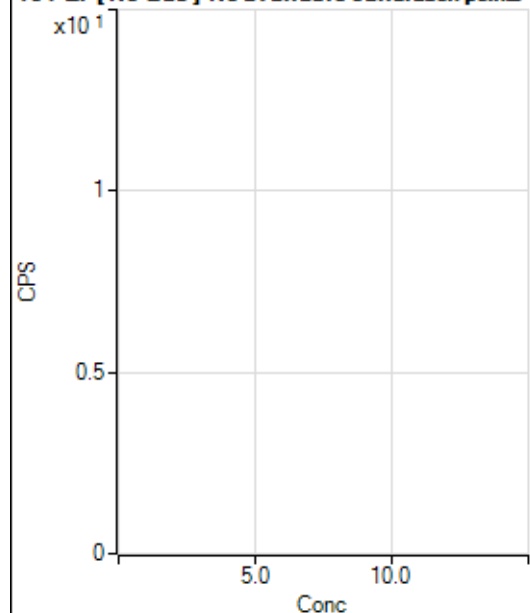
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.56		P	34.7
2	☐						
3	☐			8.89		P	78.1
4	☐			20.00		P	72.7
5	☐			36.67		P	NaN
6	☐			57.78		P	28.5
7	☐			118.89		P	28.1
8	☐			223.34		P	28.6
9	☐			95.56		P	5.3

160 Gd [No Gas] Noavailable calibration poin...

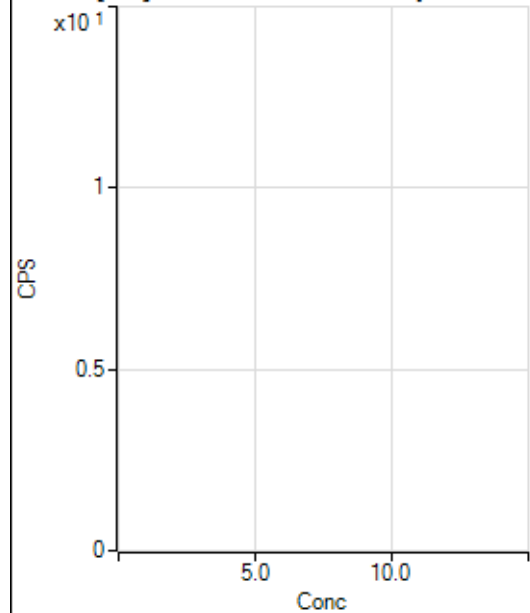
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			155.56		P	26.4
2	☐						
3	☐			122.23		P	50.3
4	☐			183.34		P	16.4
5	☐			188.90		P	24.3
6	☐			163.90		P	28.0
7	☐			186.12		P	45.1
8	☐			211.12		P	12.7
9	☐			252.79		P	5.0

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			373.34		P	7.1
2	☐						
3	☐			346.68		P	8.5
4	☐			290.01		P	7.0
5	☐			344.46		P	1.1
6	☐			345.57		P	5.3
7	☐			302.23		P	15.3
8	☐			372.24		P	14.6
9	☐			368.90		P	13.7

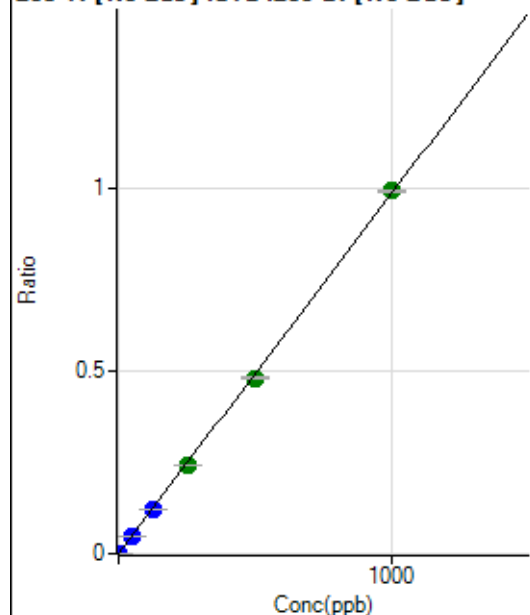
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			390.56		P	141.
2	☐						
3	☐			80.56		P	36.3
4	☐			69.45		P	18.3
5	☐			61.11		P	41.7
6	☐			86.11		P	31.1
7	☐			69.45		P	18.3
8	☐			77.78		P	32.7
9	☐			80.56		P	33.3

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			30.00		P	55.6
2	☐						
3	☐			53.33		P	10.8
4	☐			32.22		P	41.8
5	☐			35.56		P	21.6
6	☐			41.11		P	26.1
7	☐			46.66		P	53.9
8	☐			55.56		P	30.8
9	☐			42.22		P	18.2

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	69.45	0.0000	P	50.1
2	☐	0.100					
3	☐	1.000	0.912	12734.35	0.0009	P	3.1
4	☐	50.000	49.298	691333.78	0.0487	P	0.4
5	☐	125.000	122.784	1737850.43	0.1212	P	1.4
6	☐	250.000	245.798	3417519.52	0.2427	A	0.6
7	☐	500.000	488.002	6844096.25	0.4818	A	0.5
8	☐	1000.000	1007.362	13932387.12	0.9946	A	0.7
9	☐			7480.21	0.0006	P	5.2

$$y = 9.8730E-004 * x + 4.9564E-006$$

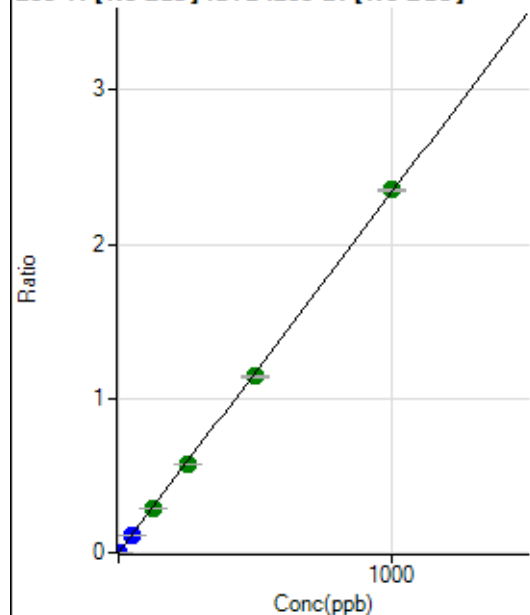
$$R = 0.9999$$

$$DL = 0.007539$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	152.78	0.0000	P	17.8
2	☐	0.100					
3	☐	1.000	0.942	31115.27	0.0022	P	0.6
4	☐	50.000	49.747	1649951.75	0.1162	P	0.3
5	☐	125.000	122.229	4091631.95	0.2854	A	1.3
6	☐	250.000	245.912	8086427.53	0.5742	A	1.2
7	☐	500.000	488.604	16206692.72	1.1409	A	0.8
8	☐	1000.000	1007.079	32942279.21	2.3516	A	0.8
9	☐			17829.34	0.0015	P	3.7

$$y = 0.0023 * x + 1.0906E-005$$

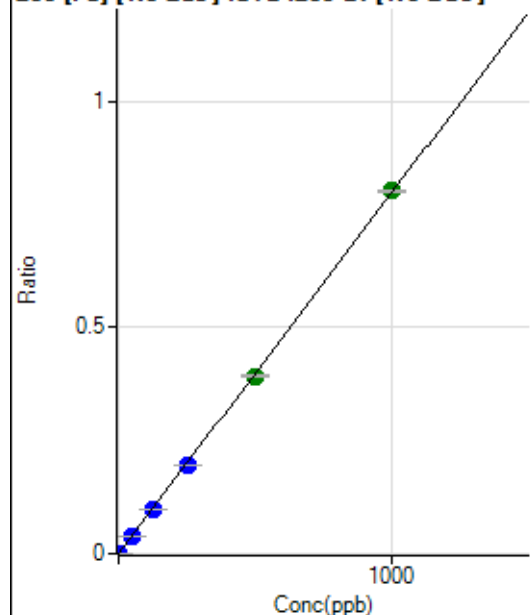
$$R = 0.9999$$

$$DL = 0.002497$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	251.86	0.0000	P	21.9
2	☐	0.100					
3	☐	1.000	0.967	11112.32	0.0008	P	0.3
4	☐	50.000	49.970	566496.30	0.0399	P	0.6
5	☐	125.000	124.376	1422835.23	0.0993	P	1.3
6	☐	250.000	244.419	2746525.00	0.1950	P	1.1
7	☐	500.000	491.791	5574059.96	0.3924	A	0.7
8	☐	1000.000	1005.579	11239674.32	0.8023	A	0.5
9	☐			65550.26	0.0054	P	0.6

$$y = 7.9787\text{E-}004 * x + 1.7962\text{E-}005$$

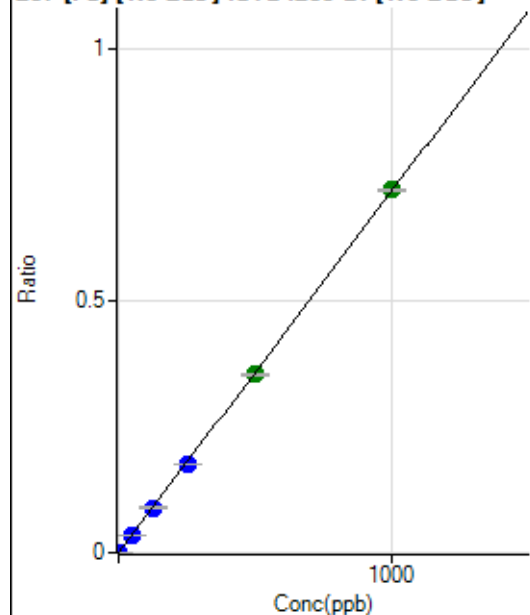
$$R = 0.9999$$

$$DL = 0.01476$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	244.45	0.0000	P	8.6
2	☐	0.100					
3	☐	1.000	0.939	9716.76	0.0007	P	2.1
4	☐	50.000	50.210	511393.96	0.0360	P	0.2
5	☐	125.000	124.984	1284535.79	0.0896	P	0.9
6	☐	250.000	245.598	2479300.06	0.1761	P	0.5
7	☐	500.000	493.340	5023514.29	0.3536	A	0.5
8	☐	1000.000	1004.422	10085813.65	0.7200	A	0.5
9	☐			54439.38	0.0045	P	0.5

$$y = 7.1678\text{E-}004 * x + 1.7449\text{E-}005$$

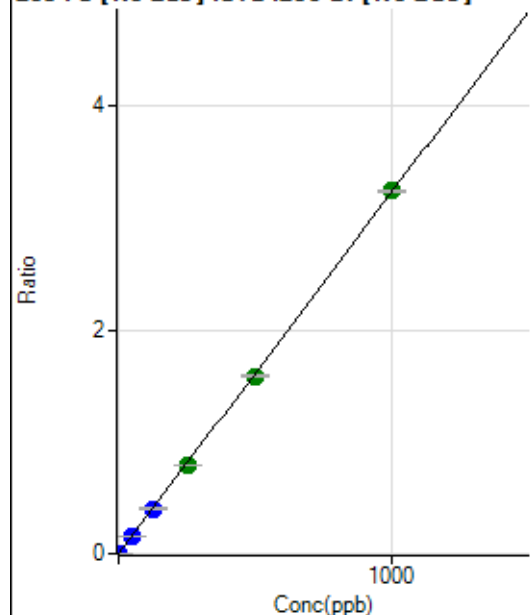
$$R = 1.0000$$

$$DL = 0.006287$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1055.60	0.0001	P	8.6
2	☐	0.100					
3	☐	1.000	0.949	44125.92	0.0031	P	0.9
4	☐	50.000	50.128	2297452.41	0.1618	P	0.1
5	☐	125.000	124.763	5769965.34	0.4025	P	1.2
6	☐	250.000	246.309	11189106.97	0.7946	A	0.3
7	☐	500.000	492.026	22545099.29	1.5871	A	0.5
8	☐	1000.000	1004.933	45409259.11	3.2415	A	0.4
9	☐			255754.94	0.0210	P	0.2

$$y = 0.0032 * x + 7.5316E-005$$

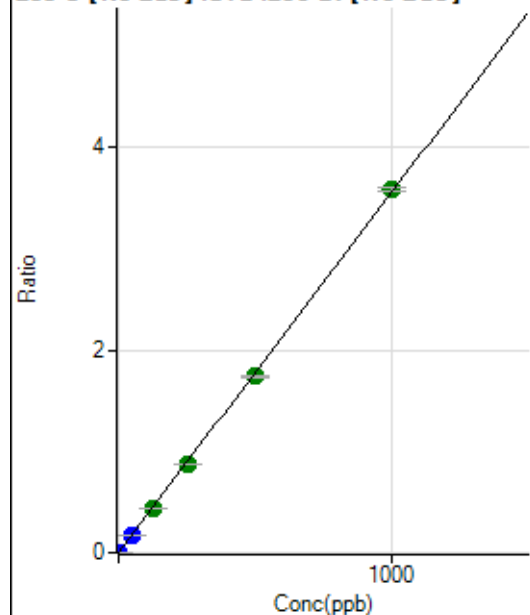
$$R = 0.9999$$

$$DL = 0.006045$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	27.78	0.0000	P	17.6
2	☐	0.100					
3	☐	1.000	0.909	45525.06	0.0032	P	1.4
4	☐	50.000	48.026	2426041.61	0.1708	P	0.3
5	☐	125.000	121.361	6187503.44	0.4316	A	1.8
6	☐	250.000	244.768	12259525.36	0.8706	A	0.6
7	☐	500.000	489.596	24736148.64	1.7413	A	0.8
8	☐	1000.000	1007.064	50174370.22	3.5818	A	1.0
9	☐			4726.11	0.0004	P	3.5

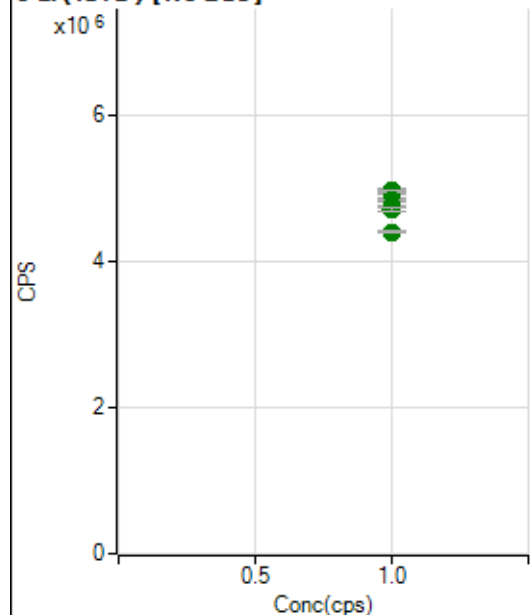
$$y = 0.0036 * x + 1.9829E-006$$

$$R = 0.9999$$

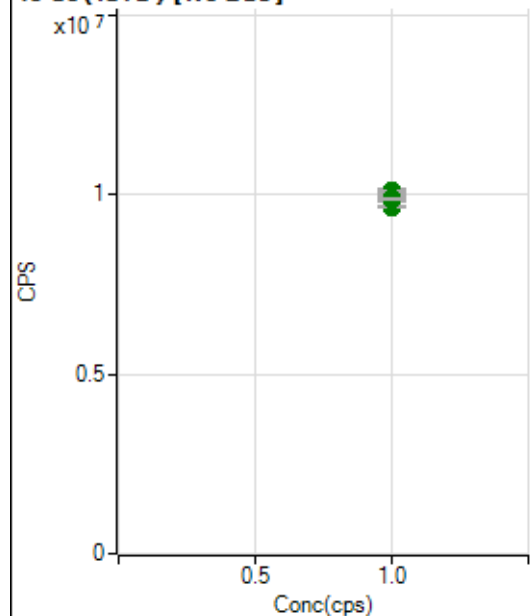
$$DL = 0.000295$$

Weight: <None>

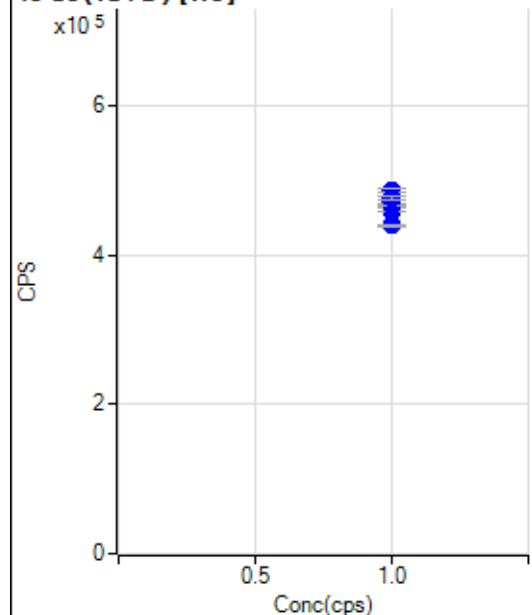
Min Conc: 0

6 Li (ISTD) [No Gas]

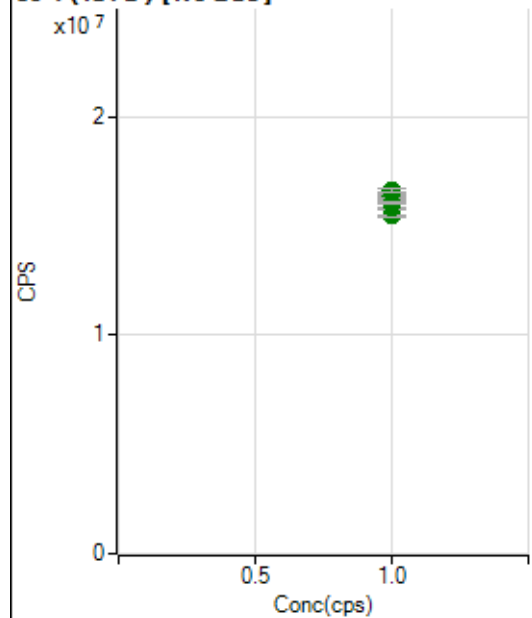
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4852666.21		A	0.6
2	☐	1.000					
3	☐	1.000		4944746.66		A	0.6
4	☐	1.000		4969974.20		A	1.0
5	☐	1.000		4960634.72		A	0.3
6	☐	1.000		4839778.36		A	0.7
7	☐	1.000		4754940.48		A	0.5
8	☐	1.000		4709488.68		A	0.8
9	☐	1.000		4399794.07		A	0.6

45 Sc (ISTD) [No Gas]

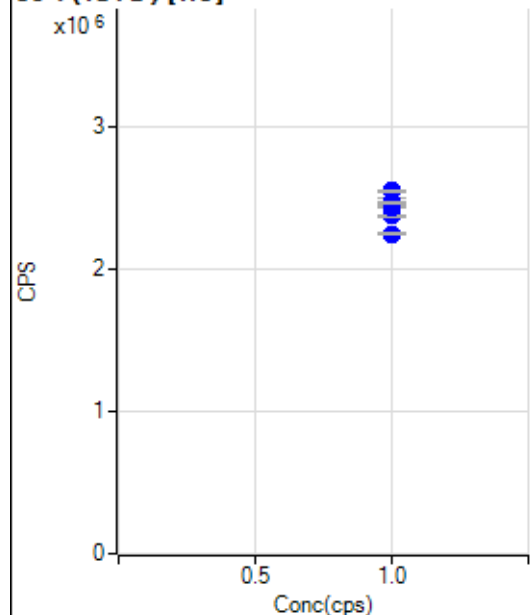
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9654229.82		A	0.2
2	☐	1.000					
3	☐	1.000		9835027.91		A	0.3
4	☐	1.000		9936784.86		A	0.8
5	☐	1.000		10088129.83		A	1.6
6	☐	1.000		9840797.53		A	0.6
7	☐	1.000		9863324.96		A	0.2
8	☐	1.000		10091544.41		A	0.4
9	☐	1.000		9870243.19		A	0.7

45 Sc (ISTD) [He]

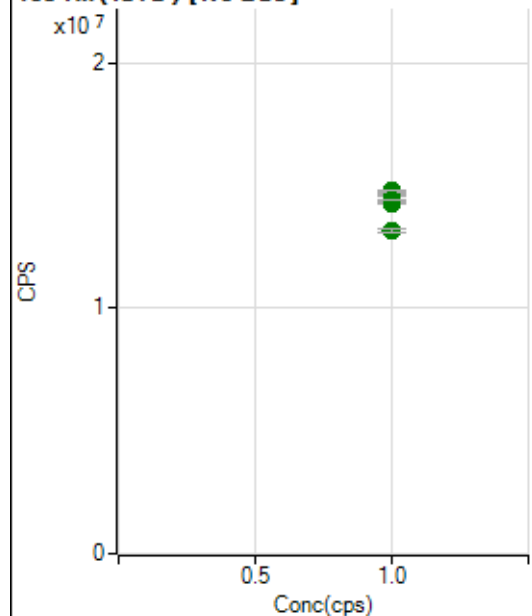
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		439542.97		P	0.2
2	☐	1.000					
3	☐	1.000		458734.57		P	0.3
4	☐	1.000		467969.29		P	0.6
5	☐	1.000		466841.19		P	0.9
6	☐	1.000		468538.27		P	0.4
7	☐	1.000		470304.52		P	1.4
8	☐	1.000		486172.30		P	0.9
9	☐	1.000		476351.13		P	0.8

89 Y (ISTD) [No Gas]

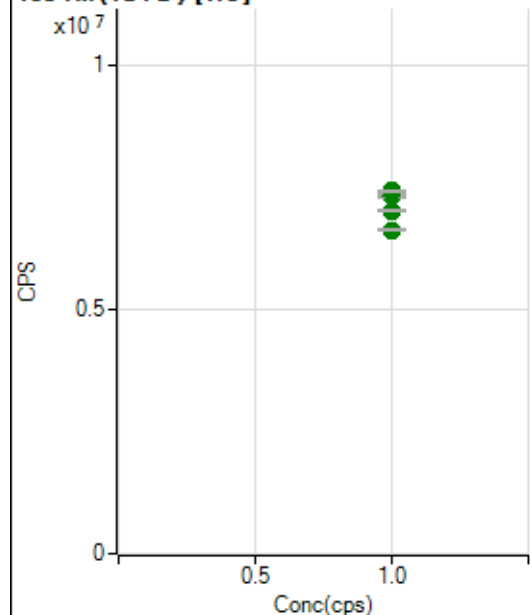
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		15469595.74		A	0.4
2	☐	1.000					
3	☐	1.000		15827504.76		A	0.5
4	☐	1.000		16043319.20		A	0.4
5	☐	1.000		16279303.79		A	0.6
6	☐	1.000		16043220.18		A	0.4
7	☐	1.000		16353721.98		A	0.9
8	☐	1.000		16599897.25		A	1.2
9	☐	1.000		16039162.40		A	0.2

89 Y(ISTD) [He]

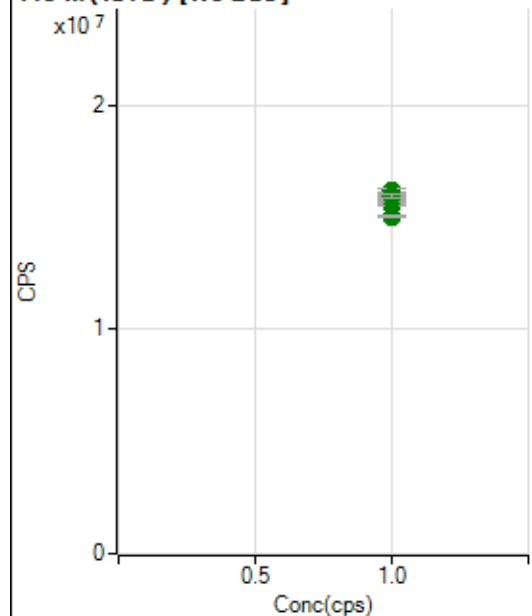
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2248098.65		P	0.5
2	☐	1.000					
3	☐	1.000		2374744.86		P	0.7
4	☐	1.000		2437829.79		P	0.1
5	☐	1.000		2441885.57		P	0.5
6	☐	1.000		2446335.43		P	0.2
7	☐	1.000		2475621.26		P	1.6
8	☐	1.000		2549345.91		P	0.2
9	☐	1.000		2471147.46		P	0.5

103 Rh(ISTD) [No Gas]

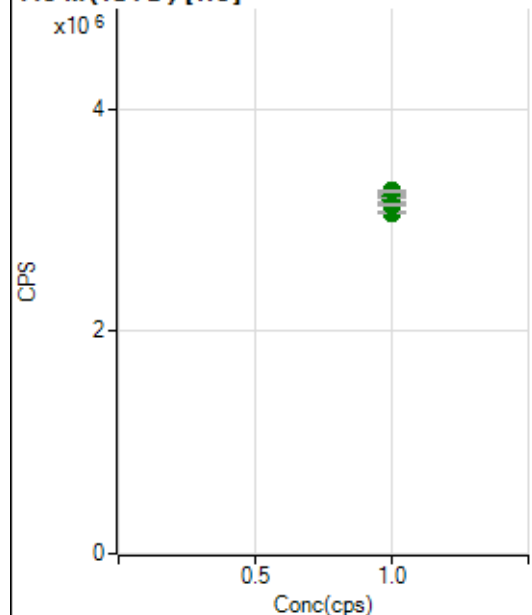
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		14240604.66		A	0.3
2	☐	1.000					
3	☐	1.000		14561107.10		A	0.1
4	☐	1.000		14625175.67		A	0.6
5	☐	1.000		14777854.50		A	0.8
6	☐	1.000		14360798.93		A	0.4
7	☐	1.000		14371855.35		A	0.3
8	☐	1.000		14436885.22		A	0.2
9	☐	1.000		13166714.88		A	1.4

103 Rh (ISTD) [He]

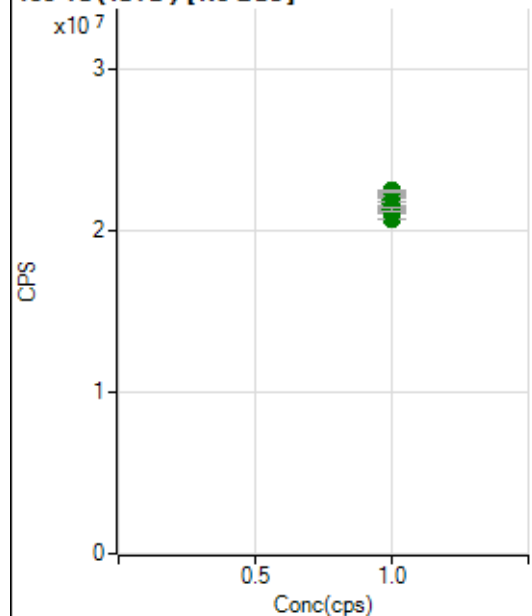
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7035851.98		A	0.2
2	☐	1.000					
3	☐	1.000		7353192.39		A	0.4
4	☐	1.000		7442306.14		A	0.5
5	☐	1.000		7406918.50		A	0.2
6	☐	1.000		7358281.42		A	0.3
7	☐	1.000		7342486.90		A	1.5
8	☐	1.000		7427443.15		A	0.3
9	☐	1.000		6636423.03		A	0.7

115 In (ISTD) [No Gas]

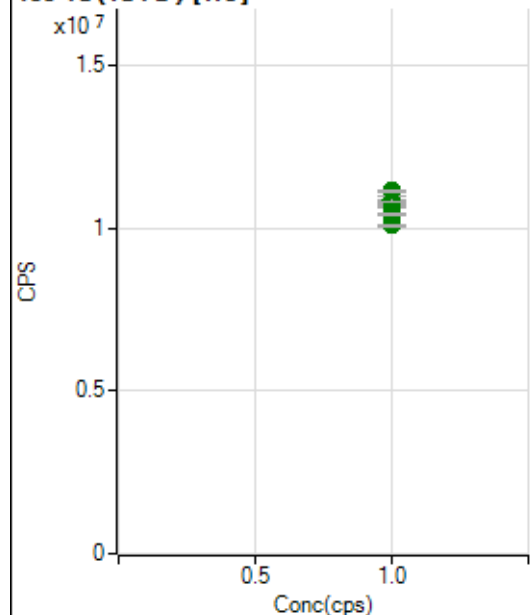
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		15555461.77		A	0.3
2	☐	1.000					
3	☐	1.000		15841122.20		A	0.1
4	☐	1.000		15933837.17		A	0.2
5	☐	1.000		16178424.33		A	1.1
6	☐	1.000		15760125.46		A	0.5
7	☐	1.000		15912613.74		A	0.6
8	☐	1.000		15951004.44		A	0.7
9	☐	1.000		15028912.57		A	0.8

115 In (ISTD) [He]

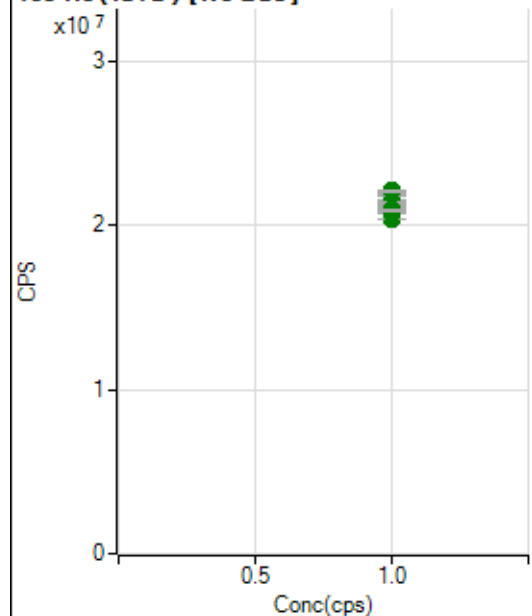
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3065753.17		A	0.6
2	☐	1.000					
3	☐	1.000		3183017.14		A	1.1
4	☐	1.000		3233019.91		A	0.5
5	☐	1.000		3216441.46		A	0.2
6	☐	1.000		3212782.22		A	0.6
7	☐	1.000		3214611.65		A	1.2
8	☐	1.000		3265211.62		A	0.4
9	☐	1.000		3140966.70		A	0.5

159 Tb (ISTD) [No Gas]

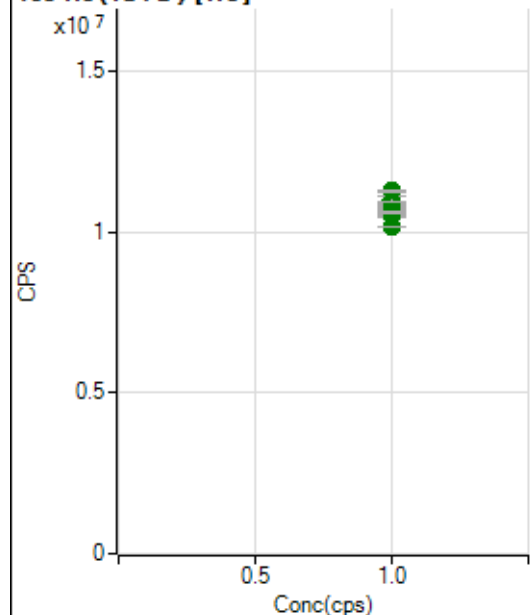
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		20695469.00		A	0.3
2	☐	1.000					
3	☐	1.000		21062503.86		A	0.1
4	☐	1.000		21389466.63		A	0.6
5	☐	1.000		21865058.56		A	0.6
6	☐	1.000		21646190.79		A	0.8
7	☐	1.000		22128524.67		A	0.7
8	☐	1.000		22424787.72		A	0.5
9	☐	1.000		21256198.30		A	0.8

159 Tb (ISTD) [He]

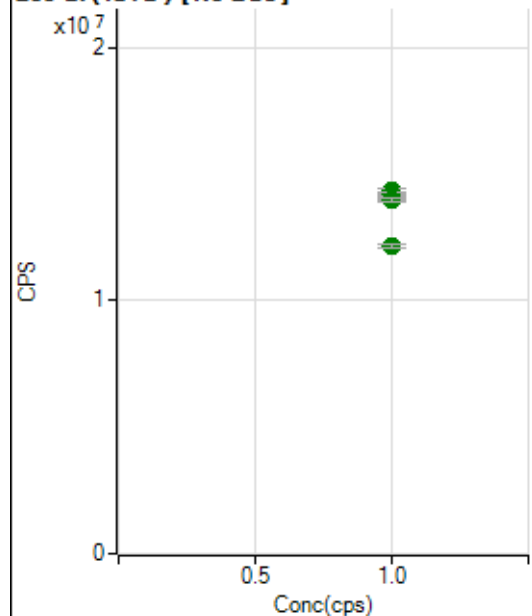
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10090044.37		A	0.4
2	☐	1.000					
3	☐	1.000		10415129.36		A	0.6
4	☐	1.000		10631086.58		A	0.3
5	☐	1.000		10709533.31		A	0.5
6	☐	1.000		10834460.46		A	0.4
7	☐	1.000		10903119.00		A	1.2
8	☐	1.000		11151872.61		A	0.3
9	☐	1.000		10437082.28		A	0.4

165 Ho (ISTD) [No Gas]

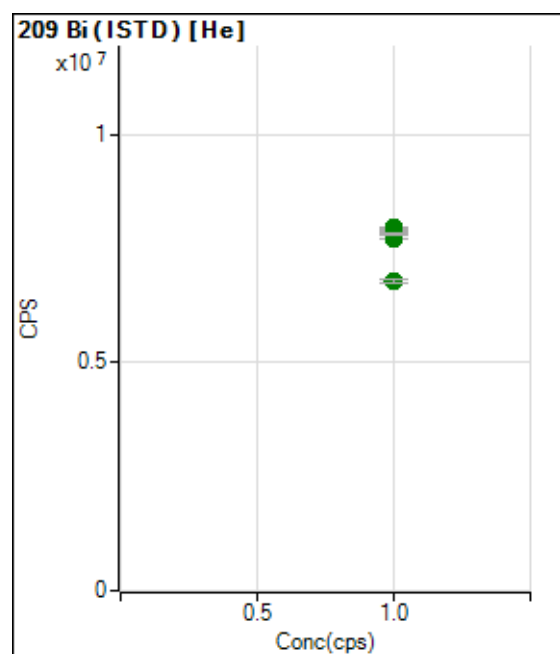
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		20382292.64		A	0.5
2	☐	1.000					
3	☐	1.000		20748115.05		A	0.1
4	☐	1.000		21132747.70		A	0.3
5	☐	1.000		21505373.40		A	0.6
6	☐	1.000		21334696.14		A	0.4
7	☐	1.000		21861929.48		A	0.4
8	☐	1.000		22090026.36		A	0.5
9	☐	1.000		20907184.84		A	0.7

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10128895.34		A	0.0
2	☐	1.000					
3	☐	1.000		10486643.52		A	0.5
4	☐	1.000		10715076.64		A	0.2
5	☐	1.000		10817649.15		A	0.5
6	☐	1.000		10893841.78		A	0.3
7	☐	1.000		11019629.00		A	1.2
8	☐	1.000		11268539.56		A	0.6
9	☐	1.000		10592930.74		A	0.6

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		14013136.18		A	0.4
2	☐	1.000					
3	☐	1.000		14071885.62		A	0.2
4	☐	1.000		14202513.40		A	0.2
5	☐	1.000		14336460.62		A	1.0
6	☐	1.000		14082298.54		A	0.0
7	☐	1.000		14205355.34		A	0.7
8	☐	1.000		14009083.82		A	1.0
9	☐	1.000		12157042.60		A	0.7



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7716044.75		A	0.3
2	☐	1.000					
3	☐	1.000		7807656.13		A	0.5
4	☐	1.000		7948306.83		A	0.3
5	☐	1.000		7923549.46		A	0.7
6	☐	1.000		7889217.38		A	0.3
7	☐	1.000		7838292.31		A	0.9
8	☐	1.000		7803491.76		A	0.7
9	☐	1.000		6785416.78		A	0.8

US EPA Tune Check Sample Report

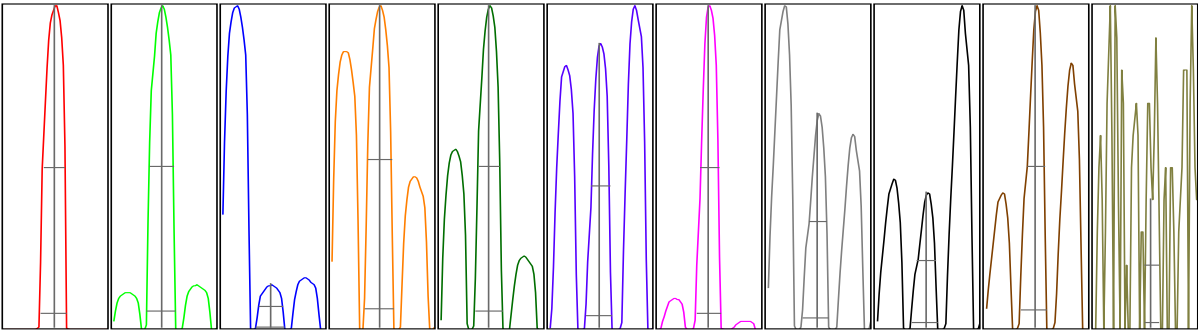
Batch Folder D:\ICP-MS Data\P7081518-MS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	19109	0.82	5.00	
24	784238	0.47	5.00	
25	107889	0.53	5.00	
26	123642	0.54	5.00	
59	138321	0.53	5.00	
113	17826	0.40	5.00	
115	210710	0.81	5.00	
206	54360	0.20	5.00	
207	49313	0.42	5.00	
208	116146	0.33	5.00	
220	0	54.56		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	19325	19222	19025	19008	18966
24	789010	783475	787043	780281	781382
25	108704	107905	107852	107103	107879
26	124788	123622	123390	123043	123367
59	139594	137933	137937	138278	137861
113	17939	17819	17828	17798	17745
115	213555	210563	210611	209498	209321
206	54543	54362	54327	54315	54255
207	49632	49205	49102	49230	49394
208	116023	116466	116303	116405	115532
220	0	0	0	0	0

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	30688	9.00	8.9 - 9.1		0.785	0.900	
24	1199309	23.95	23.9 - 24.1		0.834	0.900	
25	163872	24.95	24.9 - 25.1		0.835	0.900	
26	190648	25.95	25.9 - 26.1		0.855	0.900	
59	232316	58.95	58.9 - 59.1		0.820	0.900	
113	34214	113.00	112.9 - 113.1		0.760	0.900	
115	407361	115.00	114.9 - 115.1		0.733	0.900	
206	105949	206.00	205.9 - 206.1		0.767	0.900	
207	95898	207.00	206.9 - 207.1		0.775	0.900	
208	228096	208.00	207.9 - 208.1		0.776	0.900	
220	0	220.20	-		0.446		

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

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	7.4	V	Deflect	14.8	V
Extract 2	-125.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-60	V	Cell Exit	-50	V			

Cell Parameters

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

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	37585	0.77	
89	63139	0.96	
205	45999	0.59	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	37119	37493	37737	37770	37807
89	62228	62903	63235	63583	63749
205	45611	45879	46154	46321	46029

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	7.0	V	Deflect	2.4	V
Extract 2	-110.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-55	V	Cell Exit	-60	V			

Cell Parameters

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

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 16:48:20	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.29	-0.18	-0.11	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.02	-0.01	-0.01	0.00	N/A	ppb
Barium	135-1	-0.01	0.00	0.01	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.01	0.07	-0.08	0.00	N/A	ppb
Boron	11-1	0.07	-0.04	-0.02	0.00	N/A	ppb
Cadmium	111-1	0.02	-0.01	-0.01	0.00	N/A	ppb
Cadmium	106-1	0.20	-0.11	-0.09	0.00	N/A	ppb
Cadmium	108-1	-0.01	-0.01	0.02	0.00	N/A	ppb
Calcium	43-1	-1.42	0.36	1.06	0.00	N/A	ppb
Calcium	44-1	-0.99	0.70	0.29	0.00	N/A	ppb
Chromium	52-2	-0.03	0.02	0.01	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	-0.01	0.00	0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	-0.04	0.11	-0.07	0.00	N/A	ppb
Iron	57-2	0.40	0.09	-0.48	0.00	N/A	ppb
Lead	206-1	0.00	0.00	0.01	0.00	N/A	ppb
Lead	207-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.06	0.00	0.06	0.00	N/A	ppb
Manganese	55-2	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 16:48:20	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.63	1.28	-0.64	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.01	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.01	0.00	-0.01	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.00	0.01	0.00	N/A	ppb
Phosphorus	31-2	1.48	12.96	3.82	6.09	99.74	ppb
Potassium	39-2	1.58	0.64	-2.22	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.31	-0.26	0.57	0.00	N/A	ppb
Selenium	82-1	-0.06	-0.01	0.06	0.00	N/A	ppb
Silicon	28-1	0.00	0.08	-0.08	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	0.21	-0.11	-0.11	0.00	N/A	ppb
Strontium	86-1	0.02	0.00	-0.02	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-52.65	0.39	33.04	-6.41		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.00	0.00	0.01	0.00	N/A	ppb
Titanium	47-1	-0.03	0.03	0.00	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.04	0.01	-0.06	0.00	N/A	ppb
Zirconium	90-1	-0.01	0.00	0.01	0.00	N/A	ppb

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 16:48:20	DataFile Name :	003CALB.d

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

LB Number : LB97328 Operator : Jaswal
 Lab Sample ID : S2 Instrumnet Name : P7
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-15 16:56:46 DataFile Name : 005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.90	19.68	19.95	19.84	0.74	ppb
Antimony	121-1	1.84	1.97	1.87	1.89	3.50	ppb
Arsenic	75-2	1.00	1.01	1.11	1.04	5.75	ppb
Barium	135-1	9.48	9.40	9.30	9.39	0.97	ppb
Barium	137-1	9.63	9.50	9.63	9.59	0.78	ppb
Beryllium	9-1	0.99	0.98	0.95	0.97	2.30	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Boron	10-1	24.03	23.57	22.91	23.51	2.40	ppb
Boron	11-1	23.25	23.26	24.34	23.62	2.66	ppb
Cadmium	111-1	0.94	1.09	1.09	1.04	8.28	ppb
Cadmium	106-1	-0.02	2.95	2.17	1.70	90.46	ppb
Cadmium	108-1	0.96	0.91	0.73	0.87	14.46	ppb
Calcium	43-1	465.41	458.36	456.95	460.24	0.98	ppb
Calcium	44-1	454.50	459.97	459.97	458.14	0.69	ppb
Chromium	52-2	2.13	2.14	2.03	2.10	2.75	ppb
Cobalt	59-2	0.97	0.98	1.00	0.98	1.79	ppb
Copper	63-2	2.04	2.12	2.08	2.08	2.01	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				102		%
Holmium	165-2				104		%
Indium	115-1				102		%
Indium	115-2				104		%
Iron	56-2	51.12	51.17	51.34	51.21	0.22	ppb
Iron	57-2	52.70	52.69	51.25	52.21	1.60	ppb
Lead	206-1	0.97	0.97	0.97	0.97	0.26	ppb
Lead	207-1	0.92	0.96	0.93	0.94	2.10	ppb
Lead	208-1	0.94	0.96	0.95	0.95	0.92	ppb
Lithium	6-1				102		%
Magnesium	24-2	486.65	493.15	491.91	490.57	0.70	ppb
Manganese	55-2	0.99	1.06	1.02	1.02	3.23	ppb

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 16:56:46	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.06	4.13	4.05	4.08	1.14	ppb
Molybdenum	95-1	4.58	4.61	4.77	4.65	2.17	ppb
Molybdenum	96-1	4.66	4.84	4.86	4.79	2.38	ppb
Molybdenum	97-1	4.79	4.73	4.96	4.83	2.50	ppb
Molybdenum	98-1	4.69	4.69	4.74	4.71	0.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.16	1.05	1.12	1.11	4.83	ppb
Phosphorus	31-2	5.05	-12.62	-10.70	-6.09		ppb
Potassium	39-2	465.37	478.98	477.94	474.10	1.60	ppb
Rhodium	103-1				102		%
Rhodium	103-2				105		%
Scandium	45-1				102		%
Scandium	45-2				104		%
Selenium	77-2	6.45	5.83	4.55	5.61	17.24	ppb
Selenium	78-2	4.54	5.60	4.46	4.87	13.01	ppb
Selenium	82-1	5.08	4.55	4.92	4.85	5.63	ppb
Silicon	28-1	13.97	13.51	14.23	13.90	2.63	ppb
Silver	109-1	0.98	0.99	1.02	1.00	1.71	ppb
Silver	107-1	1.02	1.05	1.03	1.03	1.74	ppb
Sodium	23-2	499.36	501.24	497.74	499.45	0.35	ppb
Strontium	86-1	0.90	0.93	1.04	0.96	7.71	ppb
Strontium	88-1	0.99	0.96	0.96	0.97	1.78	ppb
Sulfur	34-1	-45.13	-30.03	94.39	6.41	1194.83	ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	0.88	0.92	0.93	0.91	3.13	ppb
Thallium	205-1	0.95	0.94	0.94	0.94	0.64	ppb
Tin	118-1	4.79	4.76	4.86	4.81	1.03	ppb
Titanium	47-1	4.75	4.77	4.87	4.80	1.35	ppb
Uranium	238-1	0.90	0.91	0.92	0.91	1.42	ppb
Vanadium	51-2	4.70	4.77	4.58	4.69	2.04	ppb
Yttrium	89-1				102		%
Yttrium	89-2				106		%
Zinc	66-2	3.22	2.97	3.33	3.17	5.93	ppb
Zirconium	90-1	0.96	0.95	0.99	0.97	2.00	ppb

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 16:56:46	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.05	0.98	1.01	1.01	3.40	ppb

LB Number : LB97328 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P7
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-15 17:00:40 DataFile Name : 006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1009.33	1026.85	1015.41	1017.20	0.87	ppb
Antimony	121-1	51.71	50.94	51.59	51.41	0.80	ppb
Arsenic	75-2	51.46	51.85	50.80	51.37	1.03	ppb
Barium	135-1	256.08	253.26	256.90	255.41	0.75	ppb
Barium	137-1	257.36	253.99	257.38	256.24	0.76	ppb
Beryllium	9-1	51.90	51.80	52.03	51.91	0.22	ppb
Bismuth	209-1				101		%
Bismuth	209-2				103		%
Boron	10-1	49.27	50.12	52.59	50.66	3.41	ppb
Boron	11-1	50.12	49.98	51.25	50.45	1.37	ppb
Cadmium	111-1	53.99	54.01	53.53	53.84	0.50	ppb
Cadmium	106-1	55.43	55.89	53.77	55.03	2.03	ppb
Cadmium	108-1	54.12	53.94	55.42	54.49	1.48	ppb
Calcium	43-1	5008.87	5062.93	5069.83	5047.21	0.66	ppb
Calcium	44-1	4933.11	4911.65	4943.51	4929.42	0.33	ppb
Chromium	52-2	51.29	51.58	50.82	51.23	0.75	ppb
Cobalt	59-2	52.41	52.35	52.02	52.26	0.40	ppb
Copper	63-2	106.34	105.30	105.77	105.80	0.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				106		%
Indium	115-1				102		%
Indium	115-2				105		%
Iron	56-2	2648.94	2636.80	2629.05	2638.27	0.38	ppb
Iron	57-2	2666.39	2657.85	2623.65	2649.29	0.85	ppb
Lead	206-1	49.91	49.73	50.27	49.97	0.56	ppb
Lead	207-1	50.07	50.29	50.27	50.21	0.24	ppb
Lead	208-1	50.13	50.05	50.20	50.13	0.15	ppb
Lithium	6-1				102		%
Magnesium	24-2	5339.77	5298.97	5290.71	5309.82	0.49	ppb
Manganese	55-2	102.06	102.08	101.07	101.74	0.57	ppb

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 17:00:40	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	250.40	249.55	249.83	249.93	0.17	ppb
Molybdenum	95-1	246.34	247.18	249.94	247.82	0.76	ppb
Molybdenum	96-1	246.60	247.41	247.70	247.24	0.23	ppb
Molybdenum	97-1	251.72	252.14	251.38	251.75	0.15	ppb
Molybdenum	98-1	248.43	249.24	249.03	248.90	0.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.74	52.73	53.40	53.29	0.97	ppb
Phosphorus	31-2	1054.35	1037.65	1022.00	1038.00	1.56	ppb
Potassium	39-2	2546.58	2528.76	2535.04	2536.79	0.36	ppb
Rhodium	103-1				103		%
Rhodium	103-2				106		%
Scandium	45-1				103		%
Scandium	45-2				106		%
Selenium	77-2	47.91	52.79	49.98	50.23	4.88	ppb
Selenium	78-2	53.33	53.46	50.33	52.37	3.37	ppb
Selenium	82-1	52.51	52.68	52.97	52.72	0.45	ppb
Silicon	28-1	53.64	54.76	55.47	54.62	1.69	ppb
Silver	109-1	53.77	53.49	53.73	53.66	0.28	ppb
Silver	107-1	53.38	53.39	53.97	53.58	0.64	ppb
Sodium	23-2	5308.70	5273.92	5295.18	5292.60	0.33	ppb
Strontium	86-1	49.98	50.93	50.69	50.53	0.98	ppb
Strontium	88-1	49.56	50.06	49.95	49.86	0.52	ppb
Sulfur	34-1	986.40	1107.17	1166.39	1086.65	8.44	ppb
Terbium	159-1				103		%
Terbium	159-2				105		%
Thallium	203-1	49.11	49.48	49.31	49.30	0.38	ppb
Thallium	205-1	49.59	49.78	49.88	49.75	0.29	ppb
Tin	118-1	52.06	51.62	51.80	51.82	0.43	ppb
Titanium	47-1	250.56	249.53	248.24	249.45	0.47	ppb
Uranium	238-1	48.04	48.17	47.87	48.03	0.32	ppb
Vanadium	51-2	50.45	50.24	50.37	50.35	0.21	ppb
Yttrium	89-1				104		%
Yttrium	89-2				108		%
Zinc	66-2	121.54	121.39	119.66	120.87	0.87	ppb
Zirconium	90-1	49.43	50.09	50.07	49.86	0.76	ppb

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 17:00:40	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	49.74	49.32	49.84	49.63	0.56	ppb

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 17:04:50	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2555.75	2517.16	2538.67	2537.19	0.76	ppb
Antimony	121-1	125.79	126.30	127.95	126.68	0.89	ppb
Arsenic	75-2	126.97	127.27	127.24	127.16	0.13	ppb
Barium	135-1	626.04	626.48	633.17	628.56	0.64	ppb
Barium	137-1	624.52	623.58	636.74	628.28	1.17	ppb
Beryllium	9-1	128.81	126.51	129.07	128.13	1.10	ppb
Bismuth	209-1				102		%
Bismuth	209-2				103		%
Boron	10-1	128.21	127.69	129.67	128.52	0.80	ppb
Boron	11-1	129.60	126.87	130.10	128.86	1.35	ppb
Cadmium	111-1	132.95	131.96	134.00	132.97	0.77	ppb
Cadmium	106-1	135.24	131.32	135.29	133.95	1.70	ppb
Cadmium	108-1	129.77	131.18	133.79	131.58	1.55	ppb
Calcium	43-1	12375.42	12288.20	12786.29	12483.30	2.13	ppb
Calcium	44-1	12297.33	12176.74	12508.41	12327.49	1.36	ppb
Chromium	52-2	128.07	128.28	127.14	127.83	0.48	ppb
Cobalt	59-2	130.66	129.44	129.79	129.97	0.48	ppb
Copper	63-2	265.01	263.85	261.14	263.34	0.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				107		%
Indium	115-1				104		%
Indium	115-2				105		%
Iron	56-2	6607.47	6566.10	6552.40	6575.33	0.44	ppb
Iron	57-2	6657.89	6648.55	6569.33	6625.26	0.73	ppb
Lead	206-1	124.98	122.56	125.59	124.38	1.29	ppb
Lead	207-1	124.73	123.98	126.24	124.98	0.92	ppb
Lead	208-1	125.01	123.14	126.14	124.76	1.22	ppb
Lithium	6-1				102		%
Magnesium	24-2	13299.88	13211.19	13346.17	13285.75	0.52	ppb
Manganese	55-2	256.39	254.19	252.61	254.40	0.75	ppb

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 17:04:50	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	620.84	613.48	624.35	619.56	0.90	ppb
Molybdenum	95-1	623.63	614.75	625.36	621.25	0.92	ppb
Molybdenum	96-1	621.73	618.00	625.75	621.83	0.62	ppb
Molybdenum	97-1	622.03	614.00	623.81	619.95	0.84	ppb
Molybdenum	98-1	623.96	619.29	624.32	622.53	0.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	132.84	132.71	132.47	132.68	0.14	ppb
Phosphorus	31-2	2517.13	2604.88	2535.31	2552.44	1.81	ppb
Potassium	39-2	6294.57	6333.79	6335.69	6321.35	0.37	ppb
Rhodium	103-1				104		%
Rhodium	103-2				105		%
Scandium	45-1				104		%
Scandium	45-2				106		%
Selenium	77-2	137.51	131.27	132.58	133.79	2.46	ppb
Selenium	78-2	130.36	133.42	130.16	131.32	1.39	ppb
Selenium	82-1	132.51	130.44	132.69	131.88	0.95	ppb
Silicon	28-1	133.49	130.21	136.61	133.43	2.40	ppb
Silver	109-1	130.74	130.94	133.13	131.60	1.01	ppb
Silver	107-1	130.00	130.56	132.28	130.95	0.91	ppb
Sodium	23-2	13209.63	13166.49	13168.82	13181.65	0.18	ppb
Strontium	86-1	124.90	125.20	127.26	125.79	1.02	ppb
Strontium	88-1	124.79	123.62	125.25	124.55	0.67	ppb
Sulfur	34-1	2500.85	2333.36	2690.19	2508.13	7.12	ppb
Terbium	159-1				106		%
Terbium	159-2				106		%
Thallium	203-1	123.23	120.93	124.19	122.78	1.37	ppb
Thallium	205-1	123.46	120.50	122.73	122.23	1.26	ppb
Tin	118-1	125.81	126.75	128.02	126.86	0.88	ppb
Titanium	47-1	624.62	612.85	635.73	624.40	1.83	ppb
Uranium	238-1	121.76	118.97	123.35	121.36	1.82	ppb
Vanadium	51-2	127.26	126.68	126.21	126.72	0.42	ppb
Yttrium	89-1				105		%
Yttrium	89-2				109		%
Zinc	66-2	290.38	291.02	290.60	290.67	0.11	ppb
Zirconium	90-1	124.96	123.23	125.66	124.62	1.01	ppb

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 17:04:50	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	125.23	123.51	126.09	124.94	1.05	ppb

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 17:09:05	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5017.28	5095.19	5078.67	5063.72	0.81	ppb
Antimony	121-1	251.44	249.36	249.75	250.18	0.44	ppb
Arsenic	75-2	251.26	252.64	254.35	252.75	0.61	ppb
Barium	135-1	1262.98	1235.28	1247.10	1248.45	1.11	ppb
Barium	137-1	1259.49	1235.32	1247.08	1247.30	0.97	ppb
Beryllium	9-1	252.46	251.36	256.69	253.50	1.11	ppb
Bismuth	209-1				100		%
Bismuth	209-2				102		%
Boron	10-1	246.87	250.89	259.29	252.35	2.51	ppb
Boron	11-1	244.73	247.74	259.25	250.57	3.06	ppb
Cadmium	111-1	258.89	256.04	258.89	257.94	0.64	ppb
Cadmium	106-1	255.12	250.02	256.08	253.74	1.28	ppb
Cadmium	108-1	258.01	263.36	253.83	258.40	1.85	ppb
Calcium	43-1	24562.29	24379.96	24539.74	24493.99	0.41	ppb
Calcium	44-1	24606.18	24347.17	24377.67	24443.67	0.58	ppb
Chromium	52-2	251.05	253.28	253.34	252.56	0.52	ppb
Cobalt	59-2	255.21	254.79	253.87	254.62	0.27	ppb
Copper	63-2	510.37	516.30	509.69	512.12	0.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				108		%
Indium	115-1				101		%
Indium	115-2				105		%
Iron	56-2	12926.43	13122.16	13045.58	13031.39	0.76	ppb
Iron	57-2	12918.60	13054.93	12997.50	12990.34	0.53	ppb
Lead	206-1	241.88	244.13	247.25	244.42	1.11	ppb
Lead	207-1	244.10	246.02	246.67	245.60	0.54	ppb
Lead	208-1	245.39	246.46	247.08	246.31	0.35	ppb
Lithium	6-1				100		%
Magnesium	24-2	26117.45	26238.69	26197.33	26184.49	0.24	ppb
Manganese	55-2	498.51	504.74	504.09	502.45	0.68	ppb

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 17:09:05	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1228.65	1236.43	1246.72	1237.26	0.73	ppb
Molybdenum	95-1	1231.26	1241.68	1243.77	1238.90	0.54	ppb
Molybdenum	96-1	1236.65	1237.95	1243.42	1239.34	0.29	ppb
Molybdenum	97-1	1227.80	1232.72	1251.19	1237.24	1.00	ppb
Molybdenum	98-1	1229.48	1235.91	1248.07	1237.82	0.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	258.41	258.83	258.56	258.60	0.08	ppb
Phosphorus	31-2	4987.85	5085.24	5108.31	5060.47	1.26	ppb
Potassium	39-2	12343.81	12403.48	12365.35	12370.88	0.24	ppb
Rhodium	103-1				101		%
Rhodium	103-2				105		%
Scandium	45-1				102		%
Scandium	45-2				107		%
Selenium	77-2	261.11	267.42	267.08	265.20	1.34	ppb
Selenium	78-2	256.72	256.60	249.15	254.16	1.71	ppb
Selenium	82-1	257.23	258.40	259.68	258.44	0.47	ppb
Silicon	28-1	280.29	279.66	282.74	280.89	0.58	ppb
Silver	109-1	256.46	254.91	255.04	255.47	0.34	ppb
Silver	107-1	256.37	255.28	253.92	255.19	0.48	ppb
Sodium	23-2	25877.18	26108.18	25996.05	25993.80	0.44	ppb
Strontium	86-1	246.15	248.39	249.91	248.15	0.76	ppb
Strontium	88-1	248.56	249.38	249.71	249.22	0.24	ppb
Sulfur	34-1	5327.15	5107.40	5068.39	5167.65	2.70	ppb
Terbium	159-1				105		%
Terbium	159-2				107		%
Thallium	203-1	244.72	245.32	247.35	245.80	0.56	ppb
Thallium	205-1	242.58	246.90	248.25	245.91	1.21	ppb
Tin	118-1	246.32	246.05	246.90	246.42	0.18	ppb
Titanium	47-1	1240.45	1235.91	1246.73	1241.03	0.44	ppb
Uranium	238-1	243.13	245.86	245.31	244.77	0.59	ppb
Vanadium	51-2	247.93	250.66	249.42	249.34	0.55	ppb
Yttrium	89-1				104		%
Yttrium	89-2				109		%
Zinc	66-2	544.57	551.09	544.32	546.66	0.70	ppb
Zirconium	90-1	246.70	246.52	248.05	247.09	0.34	ppb

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 17:09:05	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	245.36	245.37	249.01	246.58	0.85	ppb

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 17:12:51	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10198.82	9889.91	9887.68	9992.14	1.79	ppb
Antimony	121-1	489.44	494.52	499.42	494.46	1.01	ppb
Arsenic	75-2	506.02	501.20	497.99	501.74	0.81	ppb
Barium	135-1	2420.45	2459.21	2464.13	2447.93	0.98	ppb
Barium	137-1	2442.51	2467.68	2488.44	2466.21	0.93	ppb
Beryllium	9-1	490.46	497.73	500.19	496.13	1.02	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Boron	10-1	489.58	492.67	512.09	498.12	2.45	ppb
Boron	11-1	481.96	493.38	506.99	494.11	2.54	ppb
Cadmium	111-1	491.60	502.26	504.15	499.34	1.35	ppb
Cadmium	106-1	494.86	500.46	508.06	501.13	1.32	ppb
Cadmium	108-1	494.57	502.28	507.78	501.54	1.32	ppb
Calcium	43-1	48837.92	49312.81	48805.91	48985.55	0.58	ppb
Calcium	44-1	48750.11	49091.29	48968.75	48936.72	0.35	ppb
Chromium	52-2	515.68	506.18	506.68	509.51	1.05	ppb
Cobalt	59-2	512.77	504.58	500.01	505.79	1.28	ppb
Copper	63-2	1030.13	1012.77	1001.63	1014.84	1.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				109		%
Indium	115-1				102		%
Indium	115-2				105		%
Iron	56-2	26590.95	26027.61	26007.90	26208.82	1.26	ppb
Iron	57-2	26326.25	25952.80	25675.82	25984.95	1.26	ppb
Lead	206-1	490.34	495.86	489.18	491.79	0.73	ppb
Lead	207-1	495.72	493.23	491.06	493.34	0.47	ppb
Lead	208-1	492.48	494.14	489.45	492.03	0.48	ppb
Lithium	6-1				98		%
Magnesium	24-2	53343.58	51744.87	51429.87	52172.77	1.97	ppb
Manganese	55-2	1017.87	997.13	990.96	1001.98	1.41	ppb

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 17:12:51	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2476.29	2464.29	2455.54	2465.37	0.42	ppb
Molybdenum	95-1	2491.22	2457.70	2465.58	2471.50	0.71	ppb
Molybdenum	96-1	2479.51	2471.33	2452.79	2467.88	0.55	ppb
Molybdenum	97-1	2473.08	2468.99	2452.15	2464.74	0.45	ppb
Molybdenum	98-1	2471.67	2461.87	2441.81	2458.45	0.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	522.26	511.92	508.66	514.28	1.38	ppb
Phosphorus	31-2	10122.03	10026.24	9998.38	10048.88	0.65	ppb
Potassium	39-2	25174.42	24757.47	24733.33	24888.41	1.00	ppb
Rhodium	103-1				101		%
Rhodium	103-2				104		%
Scandium	45-1				102		%
Scandium	45-2				107		%
Selenium	77-2	519.96	528.10	496.02	514.70	3.24	ppb
Selenium	78-2	516.38	509.62	508.00	511.34	0.87	ppb
Selenium	82-1	502.88	502.75	498.97	501.53	0.44	ppb
Silicon	28-1	525.18	529.73	534.40	529.77	0.87	ppb
Silver	109-1	493.20	498.87	502.74	498.27	0.96	ppb
Silver	107-1	492.74	499.34	502.75	498.28	1.02	ppb
Sodium	23-2	52702.55	51523.14	51105.17	51776.95	1.60	ppb
Strontium	86-1	490.11	488.83	489.34	489.43	0.13	ppb
Strontium	88-1	497.51	493.30	489.69	493.50	0.79	ppb
Sulfur	34-1	10036.48	9903.50	9855.86	9931.95	0.94	ppb
Terbium	159-1				107		%
Terbium	159-2				108		%
Thallium	203-1	485.85	491.00	487.15	488.00	0.55	ppb
Thallium	205-1	488.15	492.61	485.06	488.60	0.78	ppb
Tin	118-1	487.63	499.89	498.57	495.37	1.36	ppb
Titanium	47-1	2461.98	2477.21	2450.19	2463.13	0.55	ppb
Uranium	238-1	485.46	490.49	492.84	489.60	0.77	ppb
Vanadium	51-2	507.65	496.31	500.35	501.43	1.15	ppb
Yttrium	89-1				106		%
Yttrium	89-2				110		%
Zinc	66-2	1052.62	1029.09	1028.41	1036.71	1.33	ppb
Zirconium	90-1	492.62	491.57	490.45	491.55	0.22	ppb

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 17:12:51	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	486.73	486.62	483.48	485.61	0.38	ppb

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 17:16:37	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19792.95	19858.45	19509.11	19720.17	0.94	ppb
Antimony	121-1	1000.98	1007.07	999.29	1002.44	0.41	ppb
Arsenic	75-2	995.47	998.94	999.90	998.11	0.23	ppb
Barium	135-1	4988.01	5067.13	5021.98	5025.71	0.79	ppb
Barium	137-1	4981.00	5060.56	5008.99	5016.85	0.80	ppb
Beryllium	9-1	1008.92	1000.88	991.93	1000.58	0.85	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Boron	10-1	992.24	1007.68	999.83	999.92	0.77	ppb
Boron	11-1	996.34	1000.71	1009.95	1002.33	0.69	ppb
Cadmium	111-1	995.06	1003.50	992.91	997.16	0.56	ppb
Cadmium	106-1	991.67	1002.65	997.07	997.13	0.55	ppb
Cadmium	108-1	998.33	996.40	993.52	996.08	0.24	ppb
Calcium	43-1	99403.77	99980.60	100096.41	99826.93	0.37	ppb
Calcium	44-1	98761.04	99388.13	99436.34	99195.17	0.38	ppb
Chromium	52-2	994.00	998.99	989.57	994.19	0.47	ppb
Cobalt	59-2	1001.50	1001.61	982.55	995.22	1.10	ppb
Copper	63-2	1994.46	1993.09	1975.22	1987.59	0.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				111		%
Indium	115-1				103		%
Indium	115-2				107		%
Iron	56-2	52077.27	52157.72	51003.49	51746.16	1.25	ppb
Iron	57-2	51831.17	51931.06	51230.32	51664.18	0.73	ppb
Lead	206-1	1010.78	1006.03	999.93	1005.58	0.54	ppb
Lead	207-1	1009.93	1002.09	1001.25	1004.42	0.48	ppb
Lead	208-1	1009.02	1005.11	1000.66	1004.93	0.42	ppb
Lithium	6-1				97		%
Magnesium	24-2	103692.31	103639.58	101678.22	103003.37	1.11	ppb
Manganese	55-2	1996.87	2008.89	1987.52	1997.76	0.54	ppb

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 17:16:37	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	5059.21	5030.78	4973.56	5021.18	0.87	ppb
Molybdenum	95-1	5055.56	5022.79	4974.45	5017.60	0.81	ppb
Molybdenum	96-1	5064.93	5036.35	4956.51	5019.26	1.12	ppb
Molybdenum	97-1	5064.60	5045.85	4953.65	5021.37	1.18	ppb
Molybdenum	98-1	5081.45	5042.42	4948.68	5024.18	1.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	992.84	998.37	977.55	989.59	1.09	ppb
Phosphorus	31-2	19809.19	20125.12	19921.65	19951.99	0.80	ppb
Potassium	39-2	49838.05	49801.81	49548.63	49729.50	0.32	ppb
Rhodium	103-1				101		%
Rhodium	103-2				106		%
Scandium	45-1				105		%
Scandium	45-2				111		%
Selenium	77-2	957.50	986.31	1019.41	987.74	3.14	ppb
Selenium	78-2	994.44	998.11	984.61	992.39	0.70	ppb
Selenium	82-1	1006.33	996.06	986.00	996.13	1.02	ppb
Silicon	28-1	974.81	972.73	980.66	976.07	0.42	ppb
Silver	109-1	992.51	1007.40	995.56	998.49	0.79	ppb
Silver	107-1	992.75	1004.46	998.72	998.64	0.59	ppb
Sodium	23-2	102598.86	103070.23	101336.99	102335.36	0.88	ppb
Strontium	86-1	1006.64	1010.67	999.56	1005.62	0.56	ppb
Strontium	88-1	1009.85	1005.49	995.18	1003.51	0.75	ppb
Sulfur	34-1	20097.85	20068.64	19793.81	19986.77	0.84	ppb
Terbium	159-1				108		%
Terbium	159-2				111		%
Thallium	203-1	1014.89	1006.86	1000.33	1007.36	0.72	ppb
Thallium	205-1	1011.10	1012.11	998.03	1007.08	0.78	ppb
Tin	118-1	997.23	1008.93	1002.51	1002.89	0.58	ppb
Titanium	47-1	5022.65	5010.60	5029.10	5020.78	0.19	ppb
Uranium	238-1	1017.25	1007.66	996.28	1007.06	1.04	ppb
Vanadium	51-2	1000.79	1007.08	989.78	999.22	0.88	ppb
Yttrium	89-1				107		%
Yttrium	89-2				113		%
Zinc	66-2	1963.98	1971.02	1956.55	1963.85	0.37	ppb
Zirconium	90-1	1008.79	1005.39	1000.85	1005.01	0.40	ppb

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 17:16:37	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1013.50	1008.38	1002.35	1008.08	0.55	ppb

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 17:20:27	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	98532.29	99707.74	101917.36	100052.47	1.72	ppb
Antimony	121-1	1.66	1.65	1.60	1.64	1.77	ppb
Arsenic	75-2	1.67	1.61	1.70	1.66	2.81	ppb
Barium	135-1	0.98	1.02	1.01	1.00	2.13	ppb
Barium	137-1	1.00	1.00	0.99	0.99	0.53	ppb
Beryllium	9-1	0.13	0.16	0.14	0.14	10.51	ppb
Bismuth	209-1				87		%
Bismuth	209-2				88		%
Boron	10-1	36.00	30.13	30.49	32.21	10.21	ppb
Boron	11-1	34.59	31.43	28.37	31.46	9.88	ppb
Cadmium	111-1	0.39	0.39	0.40	0.39	1.46	ppb
Cadmium	106-1	2.02	2.33	2.10	2.15	7.50	ppb
Cadmium	108-1	0.27	0.35	0.36	0.33	14.59	ppb
Calcium	43-1	497522.32	502640.94	500320.77	500161.35	0.51	ppb
Calcium	44-1	498566.80	501599.98	500733.73	500300.17	0.31	ppb
Chromium	52-2	37.39	38.26	38.66	38.10	1.70	ppb
Cobalt	59-2	11.75	11.90	12.18	11.94	1.82	ppb
Copper	63-2	4.48	4.37	4.56	4.47	2.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				105		%
Indium	115-1				97		%
Indium	115-2				102		%
Iron	56-2	246163.06	248561.41	253756.93	249493.80	1.56	ppb
Iron	57-2	246536.16	247678.59	254385.07	249533.28	1.70	ppb
Lead	206-1	6.73	6.78	6.70	6.74	0.63	ppb
Lead	207-1	6.24	6.19	6.25	6.22	0.53	ppb
Lead	208-1	6.51	6.49	6.50	6.50	0.22	ppb
Lithium	6-1				91		%
Magnesium	24-2	491662.11	498705.65	506932.52	499100.09	1.53	ppb
Manganese	55-2	9.92	10.28	10.44	10.21	2.62	ppb

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 17:20:27	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	6.38	6.05	6.00	6.14	3.31	ppb
Molybdenum	95-1	9.58	9.49	9.31	9.46	1.41	ppb
Molybdenum	96-1	10.77	10.27	10.03	10.36	3.64	ppb
Molybdenum	97-1	9.90	9.24	9.12	9.42	4.43	ppb
Molybdenum	98-1	9.46	9.14	9.15	9.25	1.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	30.79	30.94	32.03	31.25	2.17	ppb
Phosphorus	31-2	7.33	2.16	21.54	10.35	97.00	ppb
Potassium	39-2	247921.42	247998.99	254288.44	250069.62	1.46	ppb
Rhodium	103-1				92		%
Rhodium	103-2				94		%
Scandium	45-1				102		%
Scandium	45-2				108		%
Selenium	77-2	0.58	0.29	0.59	0.49	34.67	ppb
Selenium	78-2	0.51	0.18	0.39	0.36	45.34	ppb
Selenium	82-1	1.31	1.15	0.55	1.00	39.81	ppb
Silicon	28-1	63.62	66.11	67.34	65.69	2.88	ppb
Silver	109-1	0.11	0.10	0.11	0.11	4.66	ppb
Silver	107-1	0.12	0.12	0.12	0.12	1.76	ppb
Sodium	23-2	496757.74	496180.68	504918.31	499285.58	0.98	ppb
Strontium	86-1	5.09	4.90	4.94	4.98	2.06	ppb
Strontium	88-1	4.97	4.85	4.93	4.92	1.26	ppb
Sulfur	34-1	-1860.51	-1806.84	-1702.03	-1789.80		ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	0.66	0.60	0.60	0.62	5.21	ppb
Thallium	205-1	0.65	0.62	0.60	0.62	3.70	ppb
Tin	118-1	4.72	4.71	4.76	4.73	0.50	ppb
Titanium	47-1	2.61	2.57	2.23	2.47	8.49	ppb
Uranium	238-1	0.11	0.11	0.11	0.11	3.49	ppb
Vanadium	51-2	0.42	0.44	0.43	0.43	2.66	ppb
Yttrium	89-1				104		%
Yttrium	89-2				110		%
Zinc	66-2	15.48	15.50	16.59	15.86	4.01	ppb
Zirconium	90-1	0.17	0.18	0.16	0.17	6.70	ppb

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 17:20:27	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.21	0.20	0.17	0.19	11.03	ppb

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 17:27:04	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	533.78	531.79	540.44	535.33	0.85	ppb
Antimony	121-1	200.75	202.73	202.42	201.97	0.53	ppb
Arsenic	75-2	205.57	207.76	206.62	206.65	0.53	ppb
Barium	135-1	104.92	104.23	105.17	104.77	0.46	ppb
Barium	137-1	105.18	105.04	106.55	105.59	0.79	ppb
Beryllium	9-1	103.93	104.52	103.50	103.98	0.49	ppb
Bismuth	209-1				103		%
Bismuth	209-2				108		%
Boron	10-1	530.62	542.24	545.74	539.53	1.47	ppb
Boron	11-1	524.64	544.32	553.05	540.67	2.69	ppb
Cadmium	111-1	111.40	113.11	113.96	112.82	1.16	ppb
Cadmium	106-1	181.82	183.01	186.44	183.76	1.30	ppb
Cadmium	108-1	146.78	147.23	148.50	147.51	0.60	ppb
Calcium	43-1	2304.31	2305.16	2321.48	2310.32	0.42	ppb
Calcium	44-1	2118.56	2152.91	2141.68	2137.72	0.82	ppb
Chromium	52-2	100.07	99.28	99.13	99.50	0.51	ppb
Cobalt	59-2	103.40	103.00	103.01	103.14	0.22	ppb
Copper	63-2	105.60	105.20	104.90	105.24	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				107		%
Holmium	165-2				112		%
Indium	115-1				107		%
Indium	115-2				115		%
Iron	56-2	1077.78	1075.87	1072.72	1075.46	0.24	ppb
Iron	57-2	1066.84	1066.63	1068.88	1067.45	0.12	ppb
Lead	206-1	200.72	201.31	200.42	200.82	0.23	ppb
Lead	207-1	192.65	195.22	193.73	193.87	0.67	ppb
Lead	208-1	198.18	199.46	197.75	198.46	0.45	ppb
Lithium	6-1				100		%
Magnesium	24-2	1220.28	1223.54	1204.96	1216.26	0.82	ppb
Manganese	55-2	100.76	101.08	100.36	100.73	0.36	ppb

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 17:27:04	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1116.03	1105.47	1104.92	1108.81	0.56	ppb
Molybdenum	95-1	550.88	550.88	553.05	551.60	0.23	ppb
Molybdenum	96-1	616.84	618.32	620.49	618.55	0.30	ppb
Molybdenum	97-1	537.25	540.12	544.41	540.59	0.67	ppb
Molybdenum	98-1	546.74	545.55	548.91	547.07	0.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	104.98	106.21	105.25	105.48	0.61	ppb
Phosphorus	31-2	-7.07	7.72	3.55	1.40	544.10	ppb
Potassium	39-2	2046.09	2039.49	2040.53	2042.03	0.17	ppb
Rhodium	103-1				109		%
Rhodium	103-2				114		%
Scandium	45-1				109		%
Scandium	45-2				117		%
Selenium	77-2	227.00	218.90	224.18	223.36	1.84	ppb
Selenium	78-2	218.27	218.61	224.68	220.52	1.64	ppb
Selenium	82-1	213.48	212.28	214.41	213.39	0.50	ppb
Silicon	28-1	4.57	6.01	6.03	5.54	15.18	ppb
Silver	109-1	96.87	97.99	97.85	97.57	0.62	ppb
Silver	107-1	97.30	97.66	98.21	97.72	0.47	ppb
Sodium	23-2	2056.40	2050.31	2051.71	2052.81	0.16	ppb
Strontium	86-1	483.56	482.67	482.86	483.03	0.10	ppb
Strontium	88-1	488.35	483.18	486.12	485.88	0.53	ppb
Sulfur	34-1	-1931.71	-1860.78	-1994.79	-1929.09		ppb
Terbium	159-1				107		%
Terbium	159-2				112		%
Thallium	203-1	200.47	199.69	200.42	200.19	0.22	ppb
Thallium	205-1	204.94	202.81	202.49	203.41	0.66	ppb
Tin	118-1	497.76	496.04	495.23	496.34	0.26	ppb
Titanium	47-1	472.86	481.31	477.52	477.23	0.89	ppb
Uranium	238-1	452.17	452.14	448.36	450.89	0.49	ppb
Vanadium	51-2	99.53	98.99	98.78	99.10	0.39	ppb
Yttrium	89-1				110		%
Yttrium	89-2				119		%
Zinc	66-2	219.59	218.46	219.03	219.03	0.26	ppb
Zirconium	90-1	481.47	482.22	479.17	480.96	0.33	ppb

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 17:27:04	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	470.77	469.70	471.11	470.53	0.16	ppb

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 17:30:38	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.11	19.67	18.75	19.18	2.40	ppb
Antimony	121-1	2.10	2.16	2.14	2.14	1.53	ppb
Arsenic	75-2	1.05	0.88	0.95	0.96	8.67	ppb
Barium	135-1	9.58	9.54	9.69	9.60	0.85	ppb
Barium	137-1	9.65	9.41	9.78	9.62	1.97	ppb
Beryllium	9-1	1.03	0.99	1.01	1.01	2.08	ppb
Bismuth	209-1				104		%
Bismuth	209-2				107		%
Boron	10-1	46.35	41.83	41.71	43.30	6.10	ppb
Boron	11-1	45.27	43.18	41.06	43.17	4.88	ppb
Cadmium	111-1	1.14	1.03	1.11	1.09	5.47	ppb
Cadmium	106-1	2.93	1.43	2.54	2.30	33.94	ppb
Cadmium	108-1	1.24	1.06	1.16	1.16	7.82	ppb
Calcium	43-1	466.32	446.00	460.74	457.69	2.29	ppb
Calcium	44-1	454.14	453.80	448.13	452.02	0.75	ppb
Chromium	52-2	2.06	2.08	2.06	2.07	0.49	ppb
Cobalt	59-2	0.98	0.97	0.95	0.96	1.86	ppb
Copper	63-2	2.07	2.07	2.06	2.07	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				108		%
Holmium	165-2				112		%
Indium	115-1				110		%
Indium	115-2				118		%
Iron	56-2	51.38	51.94	51.41	51.57	0.61	ppb
Iron	57-2	49.59	50.91	48.55	49.69	2.38	ppb
Lead	206-1	0.99	0.97	0.98	0.98	1.28	ppb
Lead	207-1	0.96	0.98	1.01	0.98	2.15	ppb
Lead	208-1	0.98	0.97	0.99	0.98	0.83	ppb
Lithium	6-1				101		%
Magnesium	24-2	466.90	474.53	461.70	467.71	1.38	ppb
Manganese	55-2	1.05	0.96	0.99	1.00	4.33	ppb

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 17:30:38	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.89	4.66	4.47	4.67	4.43	ppb
Molybdenum	95-1	5.09	5.16	5.07	5.11	0.89	ppb
Molybdenum	96-1	5.10	5.01	5.06	5.06	0.98	ppb
Molybdenum	97-1	5.20	5.15	5.16	5.17	0.53	ppb
Molybdenum	98-1	5.09	5.20	4.95	5.08	2.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.05	1.06	1.08	1.06	1.55	ppb
Phosphorus	31-2	13.12	8.55	-9.36	4.11	289.32	ppb
Potassium	39-2	477.94	480.04	479.62	479.20	0.23	ppb
Rhodium	103-1				111		%
Rhodium	103-2				116		%
Scandium	45-1				111		%
Scandium	45-2				118		%
Selenium	77-2	4.50	6.10	6.45	5.68	18.24	ppb
Selenium	78-2	4.31	4.88	4.76	4.65	6.47	ppb
Selenium	82-1	4.83	4.47	4.91	4.74	5.02	ppb
Silicon	28-1	13.06	12.95	12.69	12.90	1.49	ppb
Silver	109-1	1.05	1.05	1.04	1.04	0.31	ppb
Silver	107-1	1.00	1.02	1.05	1.03	2.29	ppb
Sodium	23-2	505.33	494.98	498.80	499.70	1.05	ppb
Strontium	86-1	0.90	0.91	1.01	0.94	6.66	ppb
Strontium	88-1	1.00	0.95	0.95	0.97	2.77	ppb
Sulfur	34-1	-1963.53	-1921.28	-1922.17	-1935.66		ppb
Terbium	159-1				108		%
Terbium	159-2				113		%
Thallium	203-1	0.96	1.00	0.96	0.98	2.25	ppb
Thallium	205-1	1.00	1.00	0.99	1.00	1.01	ppb
Tin	118-1	4.99	4.95	4.93	4.96	0.56	ppb
Titanium	47-1	4.80	4.72	4.85	4.79	1.41	ppb
Uranium	238-1	0.88	0.88	0.87	0.87	0.92	ppb
Vanadium	51-2	4.57	4.60	4.60	4.59	0.31	ppb
Yttrium	89-1				112		%
Yttrium	89-2				121		%
Zinc	66-2	2.41	2.09	2.51	2.33	9.41	ppb
Zirconium	90-1	1.10	1.09	1.09	1.09	0.66	ppb

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 17:30:38	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.09	1.15	1.09	1.11	2.86	ppb

LB Number : LB97328 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-15 17:34:13 DataFile Name : 014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.10	0.10	0.61	0.27	108.36	ppb
Antimony	121-1	0.08	0.09	0.09	0.08	2.84	ppb
Arsenic	75-2	0.01	0.03	0.06	0.03	78.78	ppb
Barium	135-1	0.01	0.00	0.01	0.01	49.59	ppb
Barium	137-1	0.01	0.01	0.01	0.01	25.97	ppb
Beryllium	9-1	0.02	0.01	0.01	0.01	64.40	ppb
Bismuth	209-1				104		%
Bismuth	209-2				108		%
Boron	10-1	10.84	10.37	10.22	10.48	3.11	ppb
Boron	11-1	11.08	10.66	10.59	10.78	2.43	ppb
Cadmium	111-1	0.17	0.24	0.06	0.16	58.63	ppb
Cadmium	106-1	1.99	3.03	0.64	1.89	63.37	ppb
Cadmium	108-1	0.00	0.00	0.05	0.02	158.39	ppb
Calcium	43-1	2.42	2.70	0.24	1.79	75.29	ppb
Calcium	44-1	5.51	5.32	5.04	5.29	4.51	ppb
Chromium	52-2	0.01	0.00	0.02	0.01	110.17	ppb
Cobalt	59-2	0.00	0.00	-0.01	0.00		ppb
Copper	63-2	0.04	0.05	0.04	0.04	12.33	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				109		%
Holmium	165-2				114		%
Indium	115-1				111		%
Indium	115-2				119		%
Iron	56-2	0.73	0.81	0.98	0.84	15.29	ppb
Iron	57-2	0.80	-0.24	-0.05	0.17	327.54	ppb
Lead	206-1	0.04	0.03	0.04	0.04	8.02	ppb
Lead	207-1	0.03	0.04	0.03	0.03	16.92	ppb
Lead	208-1	0.04	0.04	0.03	0.04	3.00	ppb
Lithium	6-1				102		%
Magnesium	24-2	1.62	1.45	1.48	1.52	5.81	ppb
Manganese	55-2	0.01	0.00	0.01	0.01	108.97	ppb

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 17:34:13	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.45	-0.45	-0.49	-0.46		ppb
Molybdenum	95-1	0.22	0.27	0.24	0.25	10.35	ppb
Molybdenum	96-1	0.27	0.22	0.26	0.25	10.69	ppb
Molybdenum	97-1	0.23	0.22	0.21	0.22	3.55	ppb
Molybdenum	98-1	0.26	0.24	0.23	0.24	6.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.01	0.00	0.00		ppb
Phosphorus	31-2	9.07	-7.53	-10.35	-2.94		ppb
Potassium	39-2	5.76	2.77	2.34	3.63	51.39	ppb
Rhodium	103-1				113		%
Rhodium	103-2				118		%
Scandium	45-1				113		%
Scandium	45-2				120		%
Selenium	77-2	0.26	0.00	0.00	0.09	173.21	ppb
Selenium	78-2	0.08	-0.08	0.03	0.01	1307.19	ppb
Selenium	82-1	0.01	-0.55	-0.15	-0.23		ppb
Silicon	28-1	-1.90	-1.40	-2.00	-1.77		ppb
Silver	109-1	0.01	0.00	0.01	0.01	40.07	ppb
Silver	107-1	0.01	0.01	0.01	0.01	11.33	ppb
Sodium	23-2	23.33	23.33	23.86	23.51	1.30	ppb
Strontium	86-1	-0.01	-0.03	0.02	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	43.19	ppb
Sulfur	34-1	-1764.52	-1730.23	-1767.57	-1754.11		ppb
Terbium	159-1				109		%
Terbium	159-2				113		%
Thallium	203-1	0.02	0.03	0.02	0.02	15.57	ppb
Thallium	205-1	0.02	0.03	0.03	0.03	5.06	ppb
Tin	118-1	0.09	0.05	0.07	0.07	31.02	ppb
Titanium	47-1	-0.01	0.02	0.05	0.02	160.71	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	33.38	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	27.54	ppb
Yttrium	89-1				114		%
Yttrium	89-2				123		%
Zinc	66-2	0.15	0.30	0.06	0.17	72.61	ppb
Zirconium	90-1	0.03	0.02	0.03	0.03	14.64	ppb

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 17:34:13	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.01	0.01	0.01	26.39	ppb

LB Number : LB97328 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-15 17:37:48 DataFile Name : 015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91748.05	91009.55	92086.47	91614.69	0.60	ppb
Antimony	121-1	1.18	1.17	1.16	1.17	0.81	ppb
Arsenic	75-2	0.35	0.36	0.29	0.33	11.98	ppb
Barium	135-1	1.53	1.56	1.46	1.52	3.52	ppb
Barium	137-1	1.44	1.46	1.56	1.48	4.32	ppb
Beryllium	9-1	0.29	0.29	0.28	0.29	1.99	ppb
Bismuth	209-1				99		%
Bismuth	209-2				100		%
Boron	10-1	10.09	10.95	9.78	10.27	5.91	ppb
Boron	11-1	9.69	9.73	9.61	9.67	0.64	ppb
Cadmium	111-1	0.30	0.46	0.49	0.42	24.46	ppb
Cadmium	106-1	-1.29	-0.35	0.11	-0.51		ppb
Cadmium	108-1	13.98	12.98	12.92	13.29	4.46	ppb
Calcium	43-1	95575.12	95243.90	94785.24	95201.42	0.42	ppb
Calcium	44-1	95089.26	95080.82	95464.90	95211.66	0.23	ppb
Chromium	52-2	19.25	19.05	19.41	19.23	0.94	ppb
Cobalt	59-2	1.18	1.17	1.18	1.18	0.78	ppb
Copper	63-2	7.56	7.60	7.77	7.64	1.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				113		%
Indium	115-1				109		%
Indium	115-2				114		%
Iron	56-2	99965.31	100017.16	101396.96	100459.81	0.81	ppb
Iron	57-2	99316.25	99568.34	100770.28	99884.96	0.78	ppb
Lead	206-1	4.91	4.59	4.79	4.77	3.44	ppb
Lead	207-1	4.22	4.13	4.14	4.16	1.15	ppb
Lead	208-1	4.44	4.33	4.40	4.39	1.28	ppb
Lithium	6-1				100		%
Magnesium	24-2	97092.74	96018.44	97676.99	96929.39	0.87	ppb
Manganese	55-2	7.67	7.61	7.72	7.66	0.69	ppb

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 17:37:48	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1331.74	1325.11	1335.24	1330.70	0.39	ppb
Molybdenum	95-1	1915.78	1908.08	1916.33	1913.40	0.24	ppb
Molybdenum	96-1	1851.67	1838.91	1866.67	1852.41	0.75	ppb
Molybdenum	97-1	1916.19	1898.14	1940.50	1918.28	1.11	ppb
Molybdenum	98-1	1918.47	1885.06	1919.03	1907.52	1.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.22	5.33	5.37	5.31	1.49	ppb
Phosphorus	31-2	96872.63	96485.86	97579.68	96979.39	0.57	ppb
Potassium	39-2	98202.90	98078.81	99127.51	98469.74	0.58	ppb
Rhodium	103-1				106		%
Rhodium	103-2				111		%
Scandium	45-1				113		%
Scandium	45-2				120		%
Selenium	77-2	1.08	0.26	0.00	0.45	125.81	ppb
Selenium	78-2	-0.02	-0.38	0.36	-0.02		ppb
Selenium	82-1	0.13	-0.11	0.38	0.13	183.68	ppb
Silicon	28-1	18.55	17.75	17.71	18.00	2.62	ppb
Silver	109-1	0.06	0.05	0.07	0.06	17.06	ppb
Silver	107-1	0.05	0.06	0.07	0.06	13.90	ppb
Sodium	23-2	99780.42	99255.27	99793.05	99609.58	0.31	ppb
Strontium	86-1	33.11	33.02	33.50	33.21	0.77	ppb
Strontium	88-1	32.63	32.99	32.93	32.85	0.58	ppb
Sulfur	34-1	79066.95	78064.39	77131.79	78087.71	1.24	ppb
Terbium	159-1				111		%
Terbium	159-2				113		%
Thallium	203-1	0.08	0.08	0.08	0.08	3.74	ppb
Thallium	205-1	0.08	0.09	0.10	0.09	11.06	ppb
Tin	118-1	0.30	0.27	0.25	0.27	8.28	ppb
Titanium	47-1	1980.85	1968.34	1973.51	1974.23	0.32	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	6.05	ppb
Vanadium	51-2	0.16	0.16	0.17	0.17	3.92	ppb
Yttrium	89-1				114		%
Yttrium	89-2				122		%
Zinc	66-2	11.27	11.47	11.47	11.41	1.00	ppb
Zirconium	90-1	0.10	0.08	0.07	0.08	21.24	ppb

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 17:37:48	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.09	0.10	0.07	0.09	13.92	ppb

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 17:41:28	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	90508.50	90169.89	90597.87	90425.42	0.25	ppb
Antimony	121-1	21.28	20.92	21.19	21.13	0.88	ppb
Arsenic	75-2	19.42	19.20	19.28	19.30	0.58	ppb
Barium	135-1	21.88	21.46	21.72	21.69	0.97	ppb
Barium	137-1	21.58	21.81	21.39	21.59	0.96	ppb
Beryllium	9-1	20.01	19.96	20.11	20.03	0.37	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Boron	10-1	58.41	59.91	62.98	60.43	3.86	ppb
Boron	11-1	59.91	60.60	62.73	61.08	2.41	ppb
Cadmium	111-1	20.77	20.79	20.86	20.81	0.23	ppb
Cadmium	106-1	27.35	24.70	26.39	26.15	5.14	ppb
Cadmium	108-1	35.29	35.86	33.75	34.97	3.12	ppb
Calcium	43-1	95374.27	94984.83	96031.04	95463.38	0.55	ppb
Calcium	44-1	95725.15	94520.47	96189.95	95478.52	0.90	ppb
Chromium	52-2	38.07	37.92	38.07	38.02	0.24	ppb
Cobalt	59-2	20.44	20.37	20.56	20.46	0.47	ppb
Copper	63-2	26.99	27.08	26.52	26.86	1.13	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				114		%
Holmium	165-2				113		%
Indium	115-1				113		%
Indium	115-2				115		%
Iron	56-2	99836.12	99800.14	99838.48	99824.91	0.02	ppb
Iron	57-2	98733.50	99266.19	99717.08	99238.92	0.50	ppb
Lead	206-1	25.05	24.71	25.11	24.95	0.86	ppb
Lead	207-1	22.88	22.72	22.95	22.85	0.50	ppb
Lead	208-1	23.65	23.75	23.79	23.73	0.30	ppb
Lithium	6-1				100		%
Magnesium	24-2	96288.64	96011.61	96308.67	96202.97	0.17	ppb
Manganese	55-2	26.47	26.72	26.86	26.68	0.74	ppb

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 17:41:28	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1438.46	1432.33	1439.29	1436.69	0.26	ppb
Molybdenum	95-1	1968.50	1948.38	1953.44	1956.77	0.53	ppb
Molybdenum	96-1	1899.82	1887.05	1889.61	1892.16	0.36	ppb
Molybdenum	97-1	1960.19	1940.47	1962.12	1954.26	0.61	ppb
Molybdenum	98-1	1958.61	1950.41	1958.36	1955.79	0.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.24	24.63	24.24	24.37	0.93	ppb
Phosphorus	31-2	94929.01	95189.83	95498.85	95205.89	0.30	ppb
Potassium	39-2	98145.08	97444.54	98307.43	97965.68	0.47	ppb
Rhodium	103-1				111		%
Rhodium	103-2				113		%
Scandium	45-1				116		%
Scandium	45-2				123		%
Selenium	77-2	18.25	22.56	15.98	18.93	17.68	ppb
Selenium	78-2	18.98	20.50	20.01	19.83	3.91	ppb
Selenium	82-1	19.63	19.17	18.66	19.15	2.51	ppb
Silicon	28-1	69.05	68.85	70.13	69.34	0.99	ppb
Silver	109-1	19.43	19.43	19.27	19.38	0.48	ppb
Silver	107-1	19.30	19.44	19.48	19.41	0.48	ppb
Sodium	23-2	99349.07	98600.07	99067.53	99005.56	0.38	ppb
Strontium	86-1	85.39	84.89	84.90	85.06	0.34	ppb
Strontium	88-1	85.01	84.43	85.39	84.94	0.57	ppb
Sulfur	34-1	78423.25	77045.18	77799.81	77756.08	0.89	ppb
Terbium	159-1				114		%
Terbium	159-2				113		%
Thallium	203-1	20.20	20.20	20.14	20.18	0.18	ppb
Thallium	205-1	20.47	20.27	20.24	20.33	0.61	ppb
Tin	118-1	53.30	53.16	52.39	52.95	0.92	ppb
Titanium	47-1	2022.21	1990.72	2016.40	2009.77	0.83	ppb
Uranium	238-1	49.73	49.59	49.07	49.46	0.70	ppb
Vanadium	51-2	19.14	19.30	19.20	19.22	0.43	ppb
Yttrium	89-1				119		%
Yttrium	89-2				125		%
Zinc	66-2	29.59	30.30	29.75	29.88	1.25	ppb
Zirconium	90-1	51.50	51.38	51.78	51.55	0.40	ppb

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 17:41:28	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	51.87	51.38	52.17	51.81	0.77	ppb

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	CCV61	Instrumnet Name :	P7
Client Sample ID :	CCV61	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 17:45:07	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51430.42	51362.75	51907.36	51566.84	0.58	ppb
Antimony	121-1	505.55	505.63	504.18	505.12	0.16	ppb
Arsenic	75-2	485.27	481.67	479.98	482.31	0.56	ppb
Barium	135-1	2517.14	2543.36	2529.50	2530.00	0.52	ppb
Barium	137-1	2518.77	2547.54	2540.27	2535.53	0.59	ppb
Beryllium	9-1	501.46	502.98	492.20	498.88	1.17	ppb
Bismuth	209-1				95		%
Bismuth	209-2				96		%
Boron	10-1	487.80	505.24	514.20	502.41	2.67	ppb
Boron	11-1	498.25	508.70	516.80	507.92	1.83	ppb
Cadmium	111-1	493.45	492.89	497.77	494.70	0.54	ppb
Cadmium	106-1	494.23	497.99	500.68	497.63	0.65	ppb
Cadmium	108-1	485.89	494.46	501.40	493.92	1.57	ppb
Calcium	43-1	240127.31	239704.63	240615.50	240149.15	0.19	ppb
Calcium	44-1	241460.53	238136.89	239467.75	239688.39	0.70	ppb
Chromium	52-2	500.63	498.29	500.22	499.71	0.25	ppb
Cobalt	59-2	479.13	481.37	482.47	480.99	0.35	ppb
Copper	63-2	920.18	922.02	925.22	922.47	0.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				112		%
Indium	115-1				111		%
Indium	115-2				112		%
Iron	56-2	125860.89	125874.95	126050.84	125928.89	0.08	ppb
Iron	57-2	124794.49	124533.59	125897.47	125075.18	0.58	ppb
Lead	206-1	507.45	506.05	508.04	507.18	0.20	ppb
Lead	207-1	511.36	504.37	510.19	508.64	0.74	ppb
Lead	208-1	508.55	504.76	508.51	507.27	0.43	ppb
Lithium	6-1				98		%
Magnesium	24-2	246213.50	247305.25	249366.19	247628.31	0.65	ppb
Manganese	55-2	968.38	983.57	972.86	974.94	0.80	ppb

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	CCV61	Instrumnet Name :	P7
Client Sample ID :	CCV61	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 17:45:07	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2461.92	2454.19	2494.05	2470.05	0.86	ppb
Molybdenum	95-1	2462.80	2454.45	2482.39	2466.55	0.58	ppb
Molybdenum	96-1	2466.54	2469.52	2487.18	2474.41	0.45	ppb
Molybdenum	97-1	2454.64	2463.57	2471.21	2463.14	0.34	ppb
Molybdenum	98-1	2458.09	2471.73	2456.18	2462.00	0.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	476.24	476.54	480.53	477.77	0.50	ppb
Phosphorus	31-2	9734.17	9480.22	9669.71	9628.03	1.37	ppb
Potassium	39-2	124307.84	123842.00	124768.70	124306.18	0.37	ppb
Rhodium	103-1				108		%
Rhodium	103-2				108		%
Scandium	45-1				117		%
Scandium	45-2				123		%
Selenium	77-2	497.14	477.52	473.75	482.80	2.60	ppb
Selenium	78-2	485.47	481.03	470.93	479.15	1.56	ppb
Selenium	82-1	460.46	464.04	461.32	461.94	0.40	ppb
Silicon	28-1	552.38	563.97	576.95	564.43	2.18	ppb
Silver	109-1	493.53	495.88	501.97	497.13	0.88	ppb
Silver	107-1	495.58	498.44	499.98	498.00	0.45	ppb
Sodium	23-2	248270.69	248527.66	248352.22	248383.52	0.05	ppb
Strontium	86-1	487.66	488.17	491.67	489.16	0.45	ppb
Strontium	88-1	498.12	493.49	498.14	496.58	0.54	ppb
Sulfur	34-1	7901.35	7959.41	8130.86	7997.21	1.49	ppb
Terbium	159-1				112		%
Terbium	159-2				111		%
Thallium	203-1	510.44	509.22	507.25	508.97	0.32	ppb
Thallium	205-1	508.37	506.17	504.38	506.31	0.39	ppb
Tin	118-1	512.04	511.71	513.42	512.39	0.18	ppb
Titanium	47-1	2471.93	2447.04	2455.56	2458.17	0.51	ppb
Uranium	238-1	501.83	495.81	494.85	497.49	0.76	ppb
Vanadium	51-2	489.45	489.27	488.43	489.05	0.11	ppb
Yttrium	89-1				118		%
Yttrium	89-2				122		%
Zinc	66-2	896.78	899.37	900.13	898.76	0.20	ppb
Zirconium	90-1	496.47	497.22	496.86	496.85	0.08	ppb

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	CCV61	Instrumnet Name :	P7
Client Sample ID :	CCV61	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 17:45:07	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	484.01	483.47	490.03	485.84	0.75	ppb

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	CCB61	Instrumnet Name :	P7
Client Sample ID :	CCB61	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 17:48:49	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.93	1.96	1.33	1.74	20.15	ppb
Antimony	121-1	0.35	0.33	0.32	0.33	4.78	ppb
Arsenic	75-2	0.07	0.03	0.05	0.05	31.16	ppb
Barium	135-1	0.08	0.07	0.07	0.07	6.81	ppb
Barium	137-1	0.06	0.08	0.06	0.07	19.45	ppb
Beryllium	9-1	0.05	0.03	0.04	0.04	24.65	ppb
Bismuth	209-1				104		%
Bismuth	209-2				105		%
Boron	10-1	16.67	15.81	15.15	15.88	4.81	ppb
Boron	11-1	17.60	15.74	14.79	16.04	8.90	ppb
Cadmium	111-1	0.19	0.17	0.05	0.14	54.09	ppb
Cadmium	106-1	2.17	2.04	0.52	1.58	58.16	ppb
Cadmium	108-1	0.11	0.13	0.09	0.11	15.55	ppb
Calcium	43-1	9.48	5.20	7.84	7.51	28.75	ppb
Calcium	44-1	12.83	11.69	11.55	12.02	5.86	ppb
Chromium	52-2	0.02	0.03	0.04	0.03	41.18	ppb
Cobalt	59-2	0.01	0.01	-0.01	0.00	278.51	ppb
Copper	63-2	0.14	0.15	0.14	0.14	4.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				111		%
Indium	115-1				114		%
Indium	115-2				118		%
Iron	56-2	4.58	3.47	3.33	3.80	17.93	ppb
Iron	57-2	3.15	3.12	2.25	2.84	18.03	ppb
Lead	206-1	0.05	0.06	0.07	0.06	21.82	ppb
Lead	207-1	0.06	0.05	0.04	0.05	12.67	ppb
Lead	208-1	0.05	0.06	0.05	0.05	7.76	ppb
Lithium	6-1				100		%
Magnesium	24-2	6.55	4.82	4.27	5.22	22.83	ppb
Manganese	55-2	0.03	0.01	0.01	0.02	69.42	ppb

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	CCB61	Instrumnet Name :	P7
Client Sample ID :	CCB61	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 17:48:49	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.43	0.44	0.29	0.39	21.44	ppb
Molybdenum	95-1	1.59	1.36	1.31	1.42	10.63	ppb
Molybdenum	96-1	1.54	1.36	1.18	1.36	13.44	ppb
Molybdenum	97-1	1.57	1.42	1.17	1.39	14.47	ppb
Molybdenum	98-1	1.52	1.43	1.23	1.39	10.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.00	0.01	0.00	301.33	ppb
Phosphorus	31-2	-19.63	-1.62	-11.31	-10.85		ppb
Potassium	39-2	38.17	36.91	24.77	33.28	22.23	ppb
Rhodium	103-1				114		%
Rhodium	103-2				117		%
Scandium	45-1				114		%
Scandium	45-2				121		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.08	-0.45	0.53	0.00	290093.08	ppb
Selenium	82-1	-0.52	-0.22	-0.15	-0.30		ppb
Silicon	28-1	2.36	1.47	0.31	1.38	74.52	ppb
Silver	109-1	0.04	0.05	0.04	0.04	4.30	ppb
Silver	107-1	0.05	0.04	0.03	0.04	26.04	ppb
Sodium	23-2	62.43	58.82	55.17	58.81	6.18	ppb
Strontium	86-1	0.01	0.03	0.02	0.02	62.45	ppb
Strontium	88-1	0.01	0.02	0.01	0.01	48.40	ppb
Sulfur	34-1	-2348.27	-2290.11	-2481.90	-2373.42		ppb
Terbium	159-1				110		%
Terbium	159-2				111		%
Thallium	203-1	0.11	0.09	0.09	0.10	9.12	ppb
Thallium	205-1	0.10	0.10	0.09	0.10	6.09	ppb
Tin	118-1	0.14	0.13	0.13	0.13	4.24	ppb
Titanium	47-1	0.16	0.12	0.15	0.14	14.41	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	19.84	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	2.90	ppb
Yttrium	89-1				117		%
Yttrium	89-2				122		%
Zinc	66-2	0.21	-0.08	0.01	0.05	301.59	ppb
Zirconium	90-1	0.05	0.04	0.05	0.05	9.16	ppb

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	CCB61	Instrumnet Name :	P7
Client Sample ID :	CCB61	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 17:48:49	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.02	0.02	0.03	24.91	ppb

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 17:52:23	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.19	19.12	19.41	19.24	0.77	ppb
Antimony	121-1	2.12	2.08	2.16	2.12	1.78	ppb
Arsenic	75-2	1.02	0.94	1.05	1.00	5.76	ppb
Barium	135-1	10.08	10.09	10.03	10.07	0.35	ppb
Barium	137-1	9.73	9.84	10.07	9.88	1.74	ppb
Beryllium	9-1	1.09	1.04	1.03	1.05	2.83	ppb
Bismuth	209-1				105		%
Bismuth	209-2				105		%
Boron	10-1	31.59	33.29	33.22	32.70	2.94	ppb
Boron	11-1	31.16	31.34	32.33	31.61	2.00	ppb
Cadmium	111-1	1.17	1.21	1.11	1.16	4.35	ppb
Cadmium	106-1	2.86	2.52	1.91	2.43	19.72	ppb
Cadmium	108-1	1.00	1.12	1.24	1.12	10.73	ppb
Calcium	43-1	455.68	464.37	483.15	467.73	3.00	ppb
Calcium	44-1	470.22	465.78	467.14	467.71	0.49	ppb
Chromium	52-2	2.12	2.01	2.08	2.07	2.78	ppb
Cobalt	59-2	1.00	0.99	1.01	1.00	1.27	ppb
Copper	63-2	2.06	2.19	2.17	2.14	3.30	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				112		%
Holmium	165-2				112		%
Indium	115-1				117		%
Indium	115-2				120		%
Iron	56-2	52.53	53.19	52.43	52.72	0.78	ppb
Iron	57-2	51.48	55.20	53.71	53.46	3.49	ppb
Lead	206-1	0.96	1.00	1.03	1.00	3.54	ppb
Lead	207-1	0.99	1.16	0.97	1.04	9.73	ppb
Lead	208-1	0.99	1.02	0.99	1.00	1.74	ppb
Lithium	6-1				102		%
Magnesium	24-2	461.06	475.26	469.02	468.45	1.52	ppb
Manganese	55-2	1.06	1.06	1.08	1.07	0.73	ppb

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 17:52:23	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.55	4.59	4.49	4.54	1.14	ppb
Molybdenum	95-1	5.09	4.93	5.05	5.02	1.62	ppb
Molybdenum	96-1	5.10	4.94	5.19	5.08	2.57	ppb
Molybdenum	97-1	5.31	5.15	5.34	5.27	1.90	ppb
Molybdenum	98-1	5.11	5.10	5.19	5.13	0.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.04	1.00	1.07	1.04	3.49	ppb
Phosphorus	31-2	4.33	-7.04	0.40	-0.77		ppb
Potassium	39-2	500.86	500.69	503.39	501.65	0.30	ppb
Rhodium	103-1				119		%
Rhodium	103-2				119		%
Scandium	45-1				119		%
Scandium	45-2				123		%
Selenium	77-2	4.19	4.64	6.33	5.05	22.35	ppb
Selenium	78-2	4.96	4.47	5.14	4.86	7.21	ppb
Selenium	82-1	4.68	4.35	4.89	4.64	5.89	ppb
Silicon	28-1	12.70	11.41	11.51	11.87	6.06	ppb
Silver	109-1	1.03	1.13	1.08	1.08	4.36	ppb
Silver	107-1	1.11	1.12	1.07	1.10	2.51	ppb
Sodium	23-2	525.28	522.89	514.84	521.00	1.05	ppb
Strontium	86-1	0.99	0.91	1.06	0.99	7.32	ppb
Strontium	88-1	0.97	0.98	0.99	0.98	1.29	ppb
Sulfur	34-1	-2240.47	-2397.91	-2254.56	-2297.65		ppb
Terbium	159-1				113		%
Terbium	159-2				112		%
Thallium	203-1	1.01	0.97	0.95	0.98	2.98	ppb
Thallium	205-1	0.98	1.00	0.96	0.98	2.33	ppb
Tin	118-1	5.03	5.11	5.14	5.09	1.12	ppb
Titanium	47-1	4.94	4.93	4.62	4.83	3.78	ppb
Uranium	238-1	0.86	0.88	0.87	0.87	0.93	ppb
Vanadium	51-2	4.66	4.83	4.61	4.70	2.42	ppb
Yttrium	89-1				121		%
Yttrium	89-2				125		%
Zinc	66-2	2.47	2.47	2.21	2.38	6.26	ppb
Zirconium	90-1	1.01	1.01	1.01	1.01	0.24	ppb

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 17:52:23	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.04	1.07	1.05	1.06	1.27	ppb

LB Number : LB97328 Operator : Jaswal
 Lab Sample ID : PB112089BL Instrumnet Name : P7
 Client Sample ID : PB112089BL Dilution Factor : 1
 Date & Time Acquired :: 2018-08-15 17:55:57 DataFile Name : 020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.70	0.09	0.33	0.37	82.69	ppb
Antimony	121-1	0.05	0.07	0.06	0.06	16.90	ppb
Arsenic	75-2	0.00	0.00	0.01	0.00	317.74	ppb
Barium	135-1	0.00	0.01	0.02	0.01	130.47	ppb
Barium	137-1	0.00	0.01	0.00	0.01	102.03	ppb
Beryllium	9-1	0.02	0.02	0.02	0.02	10.94	ppb
Bismuth	209-1				104		%
Bismuth	209-2				104		%
Boron	10-1	6.70	6.21	6.47	6.46	3.76	ppb
Boron	11-1	6.61	6.57	5.94	6.37	5.91	ppb
Cadmium	111-1	0.18	0.21	0.19	0.19	7.18	ppb
Cadmium	106-1	2.23	2.57	2.31	2.37	7.50	ppb
Cadmium	108-1	-0.03	-0.03	0.00	-0.02		ppb
Calcium	43-1	3.32	1.56	0.92	1.93	64.19	ppb
Calcium	44-1	5.34	6.41	6.40	6.05	10.18	ppb
Chromium	52-2	0.03	0.01	0.01	0.02	64.49	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.08	0.07	0.07	0.08	9.71	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				112		%
Holmium	165-2				111		%
Indium	115-1				117		%
Indium	115-2				119		%
Iron	56-2	0.68	0.63	0.48	0.60	17.46	ppb
Iron	57-2	-0.55	-0.03	0.45	-0.04		ppb
Lead	206-1	0.02	0.03	0.03	0.03	14.79	ppb
Lead	207-1	0.03	0.02	0.03	0.03	17.57	ppb
Lead	208-1	0.03	0.03	0.03	0.03	5.61	ppb
Lithium	6-1				102		%
Magnesium	24-2	0.52	0.60	0.85	0.66	26.51	ppb
Manganese	55-2	0.01	-0.01	-0.01	0.00		ppb

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	PB112089BL	Instrumnet Name :	P7
Client Sample ID :	PB112089BL	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 17:55:57	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.46	-0.42	-0.47	-0.45		ppb
Molybdenum	95-1	0.25	0.25	0.22	0.24	6.10	ppb
Molybdenum	96-1	0.24	0.25	0.21	0.23	8.99	ppb
Molybdenum	97-1	0.25	0.21	0.25	0.24	10.38	ppb
Molybdenum	98-1	0.24	0.25	0.23	0.24	5.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.00	0.00	0.00	155.63	ppb
Phosphorus	31-2	-14.36	2.54	-9.34	-7.05		ppb
Potassium	39-2	16.38	13.83	8.62	12.94	30.54	ppb
Rhodium	103-1				119		%
Rhodium	103-2				119		%
Scandium	45-1				119		%
Scandium	45-2				124		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.32	0.28	0.20	0.27	24.05	ppb
Selenium	82-1	-0.19	-0.44	-0.45	-0.36		ppb
Silicon	28-1	-1.92	-2.15	-1.60	-1.89		ppb
Silver	109-1	0.02	0.01	0.01	0.01	25.55	ppb
Silver	107-1	0.01	0.01	0.01	0.01	9.53	ppb
Sodium	23-2	31.48	31.65	29.01	30.71	4.80	ppb
Strontium	86-1	-0.02	0.03	0.01	0.00	496.14	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	1178.84	ppb
Sulfur	34-1	-2023.43	-1958.25	-1945.06	-1975.58		ppb
Terbium	159-1				112		%
Terbium	159-2				111		%
Thallium	203-1	0.03	0.03	0.02	0.03	22.49	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	9.15	ppb
Tin	118-1	0.04	0.04	0.04	0.04	11.27	ppb
Titanium	47-1	0.02	0.00	0.04	0.02	113.25	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	26.18	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	105.32	ppb
Yttrium	89-1				122		%
Yttrium	89-2				125		%
Zinc	66-2	0.16	0.14	-0.10	0.07	219.10	ppb
Zirconium	90-1	0.01	0.02	0.00	0.01	100.68	ppb

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	PB112089BL	Instrumnet Name :	P7
Client Sample ID :	PB112089BL	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 17:55:57	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.00	0.01	0.01	97.72	ppb

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	PB112089BS	Instrumnet Name :	P7
Client Sample ID :	PB112089BS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 17:59:32	DataFile Name :	021LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9668.50	9638.85	9651.91	9653.09	0.15	ppb
Antimony	121-1	508.38	508.63	517.32	511.44	1.00	ppb
Arsenic	75-2	502.65	501.91	505.85	503.47	0.42	ppb
Barium	135-1	2522.95	2499.74	2562.75	2528.48	1.26	ppb
Barium	137-1	2503.72	2501.59	2555.30	2520.20	1.21	ppb
Beryllium	9-1	496.04	496.78	499.57	497.46	0.37	ppb
Bismuth	209-1				102		%
Bismuth	209-2				103		%
Boron	10-1	489.94	496.27	518.37	501.53	2.98	ppb
Boron	11-1	496.60	498.83	522.21	505.88	2.80	ppb
Cadmium	111-1	509.98	514.09	525.58	516.55	1.57	ppb
Cadmium	106-1	502.88	515.45	520.97	513.10	1.81	ppb
Cadmium	108-1	511.83	514.77	517.19	514.59	0.52	ppb
Calcium	43-1	48120.63	48624.01	48408.46	48384.36	0.52	ppb
Calcium	44-1	48608.48	48723.57	48929.39	48753.82	0.33	ppb
Chromium	52-2	488.33	489.69	487.95	488.66	0.19	ppb
Cobalt	59-2	492.59	494.28	490.49	492.46	0.39	ppb
Copper	63-2	984.35	983.48	975.55	981.13	0.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				114		%
Indium	115-1				114		%
Indium	115-2				117		%
Iron	56-2	25596.71	25552.82	25315.43	25488.32	0.59	ppb
Iron	57-2	25127.73	25332.74	25193.59	25218.02	0.42	ppb
Lead	206-1	493.78	502.34	493.23	496.45	1.03	ppb
Lead	207-1	498.61	497.57	493.21	496.46	0.58	ppb
Lead	208-1	497.22	496.38	493.68	495.76	0.37	ppb
Lithium	6-1				101		%
Magnesium	24-2	50260.30	50251.68	50158.01	50223.33	0.11	ppb
Manganese	55-2	992.76	994.63	986.18	991.19	0.45	ppb

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	PB112089BS	Instrumnet Name :	P7
Client Sample ID :	PB112089BS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 17:59:32	DataFile Name :	021LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2457.37	2459.24	2444.28	2453.63	0.33	ppb
Molybdenum	95-1	2470.43	2451.03	2443.70	2455.05	0.56	ppb
Molybdenum	96-1	2470.33	2452.71	2443.62	2455.56	0.55	ppb
Molybdenum	97-1	2457.46	2441.81	2436.03	2445.10	0.45	ppb
Molybdenum	98-1	2450.29	2433.12	2445.11	2442.84	0.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	488.88	494.68	493.38	492.31	0.62	ppb
Phosphorus	31-2	10009.12	10022.09	9784.01	9938.41	1.35	ppb
Potassium	39-2	24922.33	25036.22	24864.92	24941.16	0.35	ppb
Rhodium	103-1				114		%
Rhodium	103-2				116		%
Scandium	45-1				118		%
Scandium	45-2				125		%
Selenium	77-2	513.90	526.40	495.26	511.85	3.06	ppb
Selenium	78-2	514.83	502.85	507.50	508.39	1.19	ppb
Selenium	82-1	496.30	500.15	500.96	499.14	0.50	ppb
Silicon	28-1	549.37	555.21	560.76	555.12	1.03	ppb
Silver	109-1	519.82	518.14	527.77	521.91	0.99	ppb
Silver	107-1	523.39	519.36	527.56	523.44	0.78	ppb
Sodium	23-2	50359.95	50500.80	50122.12	50327.62	0.38	ppb
Strontium	86-1	487.19	487.76	487.81	487.59	0.07	ppb
Strontium	88-1	495.17	494.15	494.61	494.65	0.10	ppb
Sulfur	34-1	8318.06	7992.37	7911.64	8074.02	2.66	ppb
Terbium	159-1				115		%
Terbium	159-2				114		%
Thallium	203-1	484.89	495.95	489.52	490.12	1.13	ppb
Thallium	205-1	492.97	500.84	494.20	496.00	0.85	ppb
Tin	118-1	506.35	512.62	517.38	512.12	1.08	ppb
Titanium	47-1	2443.04	2473.29	2434.61	2450.31	0.83	ppb
Uranium	238-1	469.41	475.78	471.59	472.26	0.69	ppb
Vanadium	51-2	489.46	492.09	489.98	490.51	0.28	ppb
Yttrium	89-1				121		%
Yttrium	89-2				126		%
Zinc	66-2	990.48	990.86	984.91	988.75	0.34	ppb
Zirconium	90-1	494.57	494.46	492.73	493.92	0.21	ppb

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	PB112089BS	Instrumnet Name :	P7
Client Sample ID :	PB112089BS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 17:59:32	DataFile Name :	021LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	478.19	484.54	482.20	481.64	0.67	ppb

LB Number : LB97328 Operator : Jaswal
 Lab Sample ID : J4493-01 Instrumnet Name : P7
 Client Sample ID : 62B-FL1-CB128-W4-CS1 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-15 18:03:08 DataFile Name : 022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36659.41	36588.10	36303.74	36517.08	0.52	ppb
Antimony	121-1	0.65	0.66	0.68	0.66	2.37	ppb
Arsenic	75-2	2.41	2.47	2.26	2.38	4.61	ppb
Barium	135-1	37.69	37.08	37.81	37.53	1.05	ppb
Barium	137-1	38.18	36.97	38.39	37.84	2.03	ppb
Beryllium	9-1	0.10	0.10	0.10	0.10	5.43	ppb
Bismuth	209-1				130		%
Bismuth	209-2				125		%
Boron	10-1	28.01	26.58	23.78	26.12	8.25	ppb
Boron	11-1	27.07	25.65	25.79	26.17	2.98	ppb
Cadmium	111-1	0.78	0.63	0.82	0.74	13.31	ppb
Cadmium	106-1	5.29	3.59	5.19	4.69	20.30	ppb
Cadmium	108-1	3.95	4.20	3.63	3.93	7.33	ppb
Calcium	43-1	6470.15	6304.32	6509.59	6428.02	1.69	ppb
Calcium	44-1	6569.88	6432.11	6574.57	6525.52	1.24	ppb
Chromium	52-2	4.87	4.96	4.86	4.90	1.10	ppb
Cobalt	59-2	1.86	1.92	1.86	1.88	1.83	ppb
Copper	63-2	33378.80	33749.33	33000.81	33376.31	1.12	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				129		%
Holmium	165-2				124		%
Indium	115-1				134		%
Indium	115-2				131		%
Iron	56-2	4135.70	4137.38	4094.16	4122.42	0.59	ppb
Iron	57-2	4086.45	4121.77	4010.40	4072.87	1.40	ppb
Lead	206-1	34.02	33.34	33.88	33.75	1.08	ppb
Lead	207-1	31.80	31.27	31.61	31.56	0.85	ppb
Lead	208-1	32.71	32.39	32.76	32.62	0.62	ppb
Lithium	6-1				117		%
Magnesium	24-2	1302.68	1306.60	1286.43	1298.57	0.82	ppb
Manganese	55-2	282.60	283.12	281.87	282.53	0.22	ppb

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	J4493-01	Instrumnet Name :	P7
Client Sample ID :	62B-FL1-CB128-W4-CS1	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 18:03:08	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.25	1.17	1.11	1.18	5.95	ppb
Molybdenum	95-1	1.20	1.07	0.92	1.06	13.38	ppb
Molybdenum	96-1	1.34	1.21	1.09	1.22	10.38	ppb
Molybdenum	97-1	1.18	1.08	0.98	1.08	9.47	ppb
Molybdenum	98-1	1.21	1.03	0.97	1.07	11.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	124.94	126.03	124.80	125.25	0.54	ppb
Phosphorus	31-2	7790.37	7807.17	7620.10	7739.21	1.34	ppb
Potassium	39-2	555.20	567.91	561.48	561.53	1.13	ppb
Rhodium	103-1				135		%
Rhodium	103-2				133		%
Scandium	45-1				138		%
Scandium	45-2				143		%
Selenium	77-2	1.35	0.68	0.22	0.75	75.49	ppb
Selenium	78-2	-0.28	0.18	0.29	0.06	485.26	ppb
Selenium	82-1	0.43	0.38	0.06	0.29	68.33	ppb
Silicon	28-1	1495.73	1444.39	1458.94	1466.36	1.80	ppb
Silver	109-1	0.33	0.34	0.36	0.34	4.47	ppb
Silver	107-1	0.33	0.35	0.41	0.36	10.94	ppb
Sodium	23-2	10883.47	10994.97	10810.80	10896.41	0.85	ppb
Strontium	86-1	23.87	23.14	23.83	23.61	1.75	ppb
Strontium	88-1	23.46	22.95	23.51	23.31	1.33	ppb
Sulfur	34-1	-2467.98	-2618.35	-2537.85	-2541.39		ppb
Terbium	159-1				131		%
Terbium	159-2				125		%
Thallium	203-1	0.20	0.16	0.14	0.17	16.75	ppb
Thallium	205-1	0.19	0.16	0.15	0.17	10.64	ppb
Tin	118-1	1509.26	1475.53	1546.74	1510.51	2.36	ppb
Titanium	47-1	7.21	6.81	6.97	6.99	2.88	ppb
Uranium	238-1	0.24	0.22	0.23	0.23	4.47	ppb
Vanadium	51-2	0.89	0.80	0.79	0.83	6.46	ppb
Yttrium	89-1				141		%
Yttrium	89-2				143		%
Zinc	66-2	13634.99	13760.42	13504.24	13633.21	0.94	ppb
Zirconium	90-1	0.73	1.02	0.75	0.83	19.41	ppb

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	J4493-01	Instrumnet Name :	P7
Client Sample ID :	62B-FL1-CB128-W4-CS1	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 18:03:08	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.73	0.70	0.72	0.72	2.55	ppb

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	J4493-01DUP	Instrumnet Name :	P7
Client Sample ID :	62B-FL1-CB128-W4-CS1	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 18:06:45	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36706.63	37239.34	36867.96	36937.97	0.74	ppb
Antimony	121-1	0.50	0.58	0.57	0.55	7.63	ppb
Arsenic	75-2	2.25	2.48	2.35	2.36	4.74	ppb
Barium	135-1	37.94	37.43	37.27	37.55	0.94	ppb
Barium	137-1	38.01	37.80	37.98	37.93	0.29	ppb
Beryllium	9-1	0.09	0.07	0.06	0.07	17.31	ppb
Bismuth	209-1				129		%
Bismuth	209-2				124		%
Boron	10-1	18.32	20.10	18.66	19.03	4.98	ppb
Boron	11-1	19.61	19.77	19.07	19.48	1.89	ppb
Cadmium	111-1	0.77	0.58	0.67	0.68	14.09	ppb
Cadmium	106-1	4.87	3.04	4.31	4.07	22.94	ppb
Cadmium	108-1	4.06	4.51	4.58	4.38	6.37	ppb
Calcium	43-1	6557.28	6540.46	6531.19	6542.97	0.20	ppb
Calcium	44-1	6554.16	6587.33	6550.36	6563.95	0.31	ppb
Chromium	52-2	5.05	5.01	4.88	4.98	1.78	ppb
Cobalt	59-2	1.88	1.91	1.92	1.90	1.10	ppb
Copper	63-2	33545.04	34071.80	33474.13	33696.99	0.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				128		%
Holmium	165-2				123		%
Indium	115-1				132		%
Indium	115-2				128		%
Iron	56-2	4133.91	4185.92	4152.05	4157.29	0.63	ppb
Iron	57-2	4117.84	4158.61	4049.38	4108.61	1.34	ppb
Lead	206-1	34.31	34.12	34.33	34.25	0.33	ppb
Lead	207-1	32.38	31.46	31.60	31.81	1.56	ppb
Lead	208-1	33.19	32.94	32.95	33.02	0.42	ppb
Lithium	6-1				115		%
Magnesium	24-2	1309.41	1342.81	1327.07	1326.43	1.26	ppb
Manganese	55-2	283.59	288.08	283.88	285.18	0.88	ppb

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	J4493-01DUP	Instrumnet Name :	P7
Client Sample ID :	62B-FL1-CB128-W4-CS1	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 18:06:45	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.75	0.61	0.60	0.66	12.86	ppb
Molybdenum	95-1	0.39	0.43	0.36	0.39	8.83	ppb
Molybdenum	96-1	0.51	0.53	0.55	0.53	3.80	ppb
Molybdenum	97-1	0.40	0.37	0.36	0.38	4.98	ppb
Molybdenum	98-1	0.42	0.40	0.36	0.39	8.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	125.68	127.53	126.59	126.60	0.73	ppb
Phosphorus	31-2	7620.23	7754.74	7732.18	7702.38	0.94	ppb
Potassium	39-2	554.26	563.09	555.16	557.50	0.87	ppb
Rhodium	103-1				133		%
Rhodium	103-2				131		%
Scandium	45-1				136		%
Scandium	45-2				139		%
Selenium	77-2	0.69	0.47	0.70	0.62	21.20	ppb
Selenium	78-2	0.23	0.22	0.05	0.17	58.94	ppb
Selenium	82-1	0.35	0.28	0.45	0.36	24.25	ppb
Silicon	28-1	1455.39	1480.86	1485.38	1473.88	1.10	ppb
Silver	109-1	0.34	0.33	0.34	0.34	1.55	ppb
Silver	107-1	0.36	0.35	0.33	0.35	3.96	ppb
Sodium	23-2	11072.74	11188.13	11168.58	11143.15	0.55	ppb
Strontium	86-1	23.75	23.39	23.30	23.48	1.03	ppb
Strontium	88-1	23.53	23.50	23.42	23.48	0.24	ppb
Sulfur	34-1	-2838.30	-2750.34	-2799.49	-2796.05		ppb
Terbium	159-1				129		%
Terbium	159-2				123		%
Thallium	203-1	0.07	0.07	0.07	0.07	3.19	ppb
Thallium	205-1	0.08	0.08	0.07	0.08	4.24	ppb
Tin	118-1	1575.76	1523.21	1512.99	1537.32	2.19	ppb
Titanium	47-1	6.50	6.86	6.44	6.60	3.43	ppb
Uranium	238-1	0.23	0.23	0.23	0.23	1.25	ppb
Vanadium	51-2	0.86	0.88	0.84	0.86	2.14	ppb
Yttrium	89-1				139		%
Yttrium	89-2				139		%
Zinc	66-2	13636.45	13954.65	13728.48	13773.20	1.19	ppb
Zirconium	90-1	0.78	0.72	0.72	0.74	5.15	ppb

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	J4493-01DUP	Instrumnet Name :	P7
Client Sample ID :	62B-FL1-CB128-W4-CS1	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 18:06:45	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.69	0.64	0.73	0.69	6.18	ppb

LB Number : LB97328 Operator : Jaswal
 Lab Sample ID : J4493-01LX5 Instrumnet Name : P7
 Client Sample ID : 62B-FL1-CB128-W4-CS1 Dilution Factor : 5
 Date & Time Acquired :: 2018-08-15 18:10:22 DataFile Name : 024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7649.33	7590.80	7595.95	7612.03	0.43	ppb
Antimony	121-1	0.15	0.15	0.13	0.14	6.31	ppb
Arsenic	75-2	0.57	0.57	0.52	0.55	4.90	ppb
Barium	135-1	7.92	7.64	7.85	7.80	1.88	ppb
Barium	137-1	7.85	7.83	7.87	7.85	0.21	ppb
Beryllium	9-1	0.08	0.05	0.03	0.05	56.37	ppb
Bismuth	209-1				111		%
Bismuth	209-2				109		%
Boron	10-1	9.15	9.28	8.10	8.85	7.34	ppb
Boron	11-1	8.88	8.81	8.47	8.72	2.57	ppb
Cadmium	111-1	0.15	0.10	0.09	0.11	28.61	ppb
Cadmium	106-1	0.84	0.03	0.00	0.29	165.16	ppb
Cadmium	108-1	0.72	0.85	0.71	0.76	10.31	ppb
Calcium	43-1	1351.40	1345.74	1336.16	1344.43	0.57	ppb
Calcium	44-1	1363.98	1346.19	1350.84	1353.67	0.68	ppb
Chromium	52-2	1.13	1.09	1.03	1.08	4.29	ppb
Cobalt	59-2	0.40	0.39	0.38	0.39	1.70	ppb
Copper	63-2	7055.61	7095.18	7034.36	7061.72	0.44	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				116		%
Holmium	165-2				114		%
Indium	115-1				121		%
Indium	115-2				120		%
Iron	56-2	863.74	868.27	863.34	865.11	0.32	ppb
Iron	57-2	853.55	861.10	848.22	854.29	0.76	ppb
Lead	206-1	7.78	7.51	7.70	7.66	1.82	ppb
Lead	207-1	7.01	6.94	7.12	7.02	1.31	ppb
Lead	208-1	7.39	7.26	7.37	7.34	0.96	ppb
Lithium	6-1				105		%
Magnesium	24-2	275.36	273.77	271.71	273.61	0.67	ppb
Manganese	55-2	59.36	59.67	59.25	59.43	0.37	ppb

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	J4493-01LX5	Instrumnet Name :	P7
Client Sample ID :	62B-FL1-CB128-W4-CS1	Dilution Factor :	5
Date & Time Acquired ::	2018-08-15 18:10:22	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.22	-0.30	-0.33	-0.28		ppb
Molybdenum	95-1	0.30	0.20	0.17	0.22	32.19	ppb
Molybdenum	96-1	0.31	0.23	0.21	0.25	19.52	ppb
Molybdenum	97-1	0.26	0.21	0.19	0.22	15.72	ppb
Molybdenum	98-1	0.27	0.20	0.20	0.22	18.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	26.53	26.92	26.19	26.55	1.37	ppb
Phosphorus	31-2	1572.02	1538.63	1621.14	1577.26	2.63	ppb
Potassium	39-2	116.92	119.66	115.98	117.52	1.63	ppb
Rhodium	103-1				121		%
Rhodium	103-2				122		%
Scandium	45-1				122		%
Scandium	45-2				126		%
Selenium	77-2	0.51	0.51	0.25	0.42	34.61	ppb
Selenium	78-2	0.65	-0.15	-0.35	0.05	1091.39	ppb
Selenium	82-1	0.03	-0.04	0.00	0.00		ppb
Silicon	28-1	304.86	300.36	305.82	303.68	0.96	ppb
Silver	109-1	0.12	0.09	0.09	0.10	13.48	ppb
Silver	107-1	0.11	0.10	0.09	0.10	7.84	ppb
Sodium	23-2	2273.87	2279.14	2271.62	2274.88	0.17	ppb
Strontium	86-1	4.90	4.93	4.81	4.88	1.22	ppb
Strontium	88-1	4.98	4.86	4.86	4.90	1.43	ppb
Sulfur	34-1	-3821.23	-3814.07	-3824.65	-3819.98		ppb
Terbium	159-1				116		%
Terbium	159-2				114		%
Thallium	203-1	0.03	0.02	0.02	0.02	16.66	ppb
Thallium	205-1	0.03	0.02	0.02	0.02	28.14	ppb
Tin	118-1	317.98	307.76	327.88	317.87	3.17	ppb
Titanium	47-1	1.77	1.41	1.37	1.52	14.40	ppb
Uranium	238-1	0.05	0.05	0.06	0.05	10.30	ppb
Vanadium	51-2	0.18	0.19	0.76	0.38	88.88	ppb
Yttrium	89-1				124		%
Yttrium	89-2				127		%
Zinc	66-2	2727.99	2756.47	2745.18	2743.21	0.52	ppb
Zirconium	90-1	0.18	0.15	0.14	0.16	12.89	ppb

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	J4493-01LX5	Instrumnet Name :	P7
Client Sample ID :	62B-FL1-CB128-W4-CS1	Dilution Factor :	5
Date & Time Acquired ::	2018-08-15 18:10:22	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.16	0.11	0.15	0.14	19.99	ppb

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	J4493-01MS	Instrumnet Name :	P7
Client Sample ID :	62B-FL1-CB128-W4-CS1	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 18:13:56	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39434.98	39059.15	38741.42	39078.51	0.89	ppb
Antimony	121-1	745.53	744.37	739.08	742.99	0.46	ppb
Arsenic	75-2	823.13	828.05	818.44	823.21	0.58	ppb
Barium	135-1	243.18	242.85	244.99	243.67	0.47	ppb
Barium	137-1	246.74	247.29	247.08	247.04	0.11	ppb
Beryllium	9-1	201.46	200.56	203.06	201.69	0.63	ppb
Bismuth	209-1				128		%
Bismuth	209-2				121		%
Boron	10-1	309.89	314.02	323.72	315.88	2.25	ppb
Boron	11-1	308.68	322.27	325.48	318.81	2.80	ppb
Cadmium	111-1	214.53	217.19	218.17	216.63	0.87	ppb
Cadmium	106-1	179.39	182.70	180.37	180.82	0.94	ppb
Cadmium	108-1	193.17	193.99	195.00	194.05	0.47	ppb
Calcium	43-1	7798.18	7678.33	7762.19	7746.23	0.79	ppb
Calcium	44-1	7824.94	7685.41	7697.57	7735.97	1.00	ppb
Chromium	52-2	402.69	399.81	396.24	399.58	0.81	ppb
Cobalt	59-2	204.46	203.19	202.18	203.28	0.56	ppb
Copper	63-2	33974.02	33964.30	33633.02	33857.12	0.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				127		%
Holmium	165-2				121		%
Indium	115-1				127		%
Indium	115-2				123		%
Iron	56-2	7309.17	7272.51	7243.19	7274.96	0.45	ppb
Iron	57-2	7255.59	7173.24	7152.32	7193.71	0.76	ppb
Lead	206-1	933.19	941.79	932.29	935.76	0.56	ppb
Lead	207-1	916.64	922.24	912.40	917.10	0.54	ppb
Lead	208-1	924.49	929.31	920.96	924.92	0.45	ppb
Lithium	6-1				114		%
Magnesium	24-2	3347.93	3321.78	3306.92	3325.54	0.62	ppb
Manganese	55-2	480.97	479.10	476.49	478.86	0.47	ppb

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	J4493-01MS	Instrumnet Name :	P7
Client Sample ID :	62B-FL1-CB128-W4-CS1	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 18:13:56	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	259.84	261.71	261.02	260.85	0.36	ppb
Molybdenum	95-1	378.43	377.89	376.19	377.50	0.31	ppb
Molybdenum	96-1	366.46	361.62	361.68	363.25	0.77	ppb
Molybdenum	97-1	371.46	371.58	372.99	372.01	0.23	ppb
Molybdenum	98-1	378.35	377.45	375.42	377.07	0.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	633.72	631.57	627.02	630.77	0.54	ppb
Phosphorus	31-2	13847.92	13534.48	13544.16	13642.19	1.31	ppb
Potassium	39-2	10717.51	10654.83	10588.32	10653.56	0.61	ppb
Rhodium	103-1				129		%
Rhodium	103-2				128		%
Scandium	45-1				131		%
Scandium	45-2				137		%
Selenium	77-2	2276.23	2295.37	2270.72	2280.77	0.57	ppb
Selenium	78-2	2258.90	2252.05	2229.58	2246.84	0.68	ppb
Selenium	82-1	2208.88	2185.39	2198.21	2197.49	0.54	ppb
Silicon	28-1	2514.29	2442.42	2440.02	2465.57	1.71	ppb
Silver	109-1	79.72	79.12	79.65	79.50	0.42	ppb
Silver	107-1	78.99	79.89	79.52	79.47	0.57	ppb
Sodium	23-2	14412.17	14375.90	14304.04	14364.03	0.38	ppb
Strontium	86-1	220.25	222.94	222.01	221.73	0.62	ppb
Strontium	88-1	224.48	222.68	222.58	223.25	0.48	ppb
Sulfur	34-1	-2665.28	-2807.05	-2750.16	-2740.83		ppb
Terbium	159-1				127		%
Terbium	159-2				121		%
Thallium	203-1	1787.03	1806.16	1789.16	1794.12	0.58	ppb
Thallium	205-1	1794.65	1815.62	1790.09	1800.12	0.76	ppb
Tin	118-1	2069.33	2055.12	2054.97	2059.81	0.40	ppb
Titanium	47-1	202.05	203.26	202.71	202.67	0.30	ppb
Uranium	238-1	0.23	0.24	0.23	0.23	1.00	ppb
Vanadium	51-2	297.04	295.20	293.40	295.22	0.62	ppb
Yttrium	89-1				134		%
Yttrium	89-2				135		%
Zinc	66-2	14041.14	13882.36	13875.84	13933.11	0.67	ppb
Zirconium	90-1	0.83	0.82	0.76	0.80	4.71	ppb

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	J4493-01MS	Instrumnet Name :	P7
Client Sample ID :	62B-FL1-CB128-W4-CS1	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 18:13:56	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.01	1.06	1.03	1.03	2.63	ppb

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	J4493-01MSD	Instrumnet Name :	P7
Client Sample ID :	62B-FL1-CB128-W4-CS1	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 18:17:35	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37972.90	37986.34	38606.59	38188.61	0.95	ppb
Antimony	121-1	739.84	739.02	739.39	739.42	0.06	ppb
Arsenic	75-2	808.87	808.67	816.76	811.43	0.57	ppb
Barium	135-1	243.69	242.14	242.23	242.69	0.36	ppb
Barium	137-1	242.20	244.26	244.60	243.69	0.53	ppb
Beryllium	9-1	198.30	197.80	198.74	198.28	0.24	ppb
Bismuth	209-1				127		%
Bismuth	209-2				120		%
Boron	10-1	311.89	318.46	317.47	315.94	1.12	ppb
Boron	11-1	321.51	320.56	328.88	323.65	1.41	ppb
Cadmium	111-1	214.10	215.86	217.05	215.67	0.69	ppb
Cadmium	106-1	175.21	180.81	179.03	178.35	1.60	ppb
Cadmium	108-1	194.13	193.08	194.01	193.74	0.30	ppb
Calcium	43-1	7574.62	7546.02	7509.98	7543.54	0.43	ppb
Calcium	44-1	7578.61	7582.16	7523.31	7561.36	0.44	ppb
Chromium	52-2	391.75	387.87	395.18	391.60	0.93	ppb
Cobalt	59-2	200.10	199.26	202.65	200.67	0.88	ppb
Copper	63-2	33166.03	32748.66	33331.39	33082.03	0.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				127		%
Holmium	165-2				121		%
Indium	115-1				129		%
Indium	115-2				124		%
Iron	56-2	7140.30	7053.04	7127.67	7107.00	0.66	ppb
Iron	57-2	7004.80	6973.37	7072.86	7017.01	0.72	ppb
Lead	206-1	926.77	921.40	921.13	923.10	0.34	ppb
Lead	207-1	903.80	896.96	898.34	899.70	0.40	ppb
Lead	208-1	916.07	910.48	911.83	912.79	0.32	ppb
Lithium	6-1				112		%
Magnesium	24-2	3252.52	3235.88	3308.99	3265.80	1.17	ppb
Manganese	55-2	466.09	466.12	471.03	467.75	0.61	ppb

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	J4493-01MSD	Instrumnet Name :	P7
Client Sample ID :	62B-FL1-CB128-W4-CS1	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 18:17:35	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	254.90	255.70	257.49	256.03	0.52	ppb
Molybdenum	95-1	367.90	368.61	369.54	368.68	0.22	ppb
Molybdenum	96-1	355.10	355.81	356.65	355.85	0.22	ppb
Molybdenum	97-1	361.56	364.41	366.68	364.21	0.70	ppb
Molybdenum	98-1	375.29	369.41	371.12	371.94	0.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	620.66	616.33	620.75	619.25	0.41	ppb
Phosphorus	31-2	13316.29	13575.65	13481.54	13457.83	0.98	ppb
Potassium	39-2	10436.40	10528.16	10645.67	10536.74	1.00	ppb
Rhodium	103-1				130		%
Rhodium	103-2				129		%
Scandium	45-1				131		%
Scandium	45-2				138		%
Selenium	77-2	2216.34	2192.84	2243.99	2217.72	1.15	ppb
Selenium	78-2	2207.89	2218.37	2210.17	2212.15	0.25	ppb
Selenium	82-1	2159.35	2156.78	2180.88	2165.67	0.61	ppb
Silicon	28-1	2419.57	2431.76	2339.35	2396.89	2.09	ppb
Silver	109-1	78.27	78.92	80.04	79.08	1.13	ppb
Silver	107-1	78.04	79.43	79.32	78.93	0.98	ppb
Sodium	23-2	14050.95	13920.30	14245.70	14072.32	1.16	ppb
Strontium	86-1	218.44	216.99	217.68	217.70	0.33	ppb
Strontium	88-1	219.99	218.35	218.24	218.86	0.45	ppb
Sulfur	34-1	-2654.04	-2640.97	-2685.58	-2660.20		ppb
Terbium	159-1				128		%
Terbium	159-2				120		%
Thallium	203-1	1770.24	1777.67	1757.03	1768.31	0.59	ppb
Thallium	205-1	1780.65	1769.08	1768.38	1772.71	0.39	ppb
Tin	118-1	2053.58	2052.58	2023.42	2043.19	0.84	ppb
Titanium	47-1	198.91	199.56	202.89	200.45	1.06	ppb
Uranium	238-1	0.22	0.22	0.22	0.22	1.77	ppb
Vanadium	51-2	290.22	289.54	293.27	291.01	0.68	ppb
Yttrium	89-1				136		%
Yttrium	89-2				136		%
Zinc	66-2	13524.20	13418.87	13579.75	13507.60	0.60	ppb
Zirconium	90-1	0.80	0.78	0.72	0.77	5.21	ppb

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	J4493-01MSD	Instrumnet Name :	P7
Client Sample ID :	62B-FL1-CB128-W4-CS1	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 18:17:35	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.97	0.97	0.92	0.95	3.54	ppb

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	J4493-01A	Instrumnet Name :	P7
Client Sample ID :	62B-FL1-CB128-W4-CS1	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 18:21:12	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38893.72	39188.66	38496.94	38859.77	0.89	ppb
Antimony	121-1	750.83	742.62	751.78	748.41	0.67	ppb
Arsenic	75-2	825.29	829.13	823.33	825.92	0.36	ppb
Barium	135-1	245.68	244.15	249.02	246.28	1.01	ppb
Barium	137-1	245.74	244.32	250.35	246.81	1.28	ppb
Beryllium	9-1	204.16	202.91	202.19	203.09	0.49	ppb
Bismuth	209-1				126		%
Bismuth	209-2				119		%
Boron	10-1	318.84	329.06	336.95	328.28	2.77	ppb
Boron	11-1	328.60	330.55	338.60	332.58	1.59	ppb
Cadmium	111-1	217.69	218.22	220.39	218.77	0.65	ppb
Cadmium	106-1	179.25	179.64	182.54	180.48	1.00	ppb
Cadmium	108-1	195.24	193.84	197.89	195.66	1.05	ppb
Calcium	43-1	7781.57	7605.58	7695.99	7694.38	1.14	ppb
Calcium	44-1	7784.62	7695.92	7692.74	7724.43	0.68	ppb
Chromium	52-2	401.69	403.62	399.44	401.58	0.52	ppb
Cobalt	59-2	203.97	206.09	202.88	204.31	0.80	ppb
Copper	63-2	33910.91	34160.81	33618.88	33896.87	0.80	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				127		%
Holmium	165-2				120		%
Indium	115-1				129		%
Indium	115-2				124		%
Iron	56-2	7306.58	7291.37	7240.38	7279.45	0.48	ppb
Iron	57-2	7164.62	7235.49	7129.14	7176.42	0.75	ppb
Lead	206-1	937.09	929.17	941.48	935.91	0.67	ppb
Lead	207-1	917.19	902.66	916.49	912.11	0.90	ppb
Lead	208-1	925.04	919.19	926.66	923.63	0.43	ppb
Lithium	6-1				110		%
Magnesium	24-2	3346.85	3336.72	3295.15	3326.24	0.82	ppb
Manganese	55-2	479.71	482.72	478.02	480.15	0.50	ppb

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	J4493-01A	Instrumnet Name :	P7
Client Sample ID :	62B-FL1-CB128-W4-CS1	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 18:21:12	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	258.79	258.90	261.77	259.82	0.65	ppb
Molybdenum	95-1	377.08	374.41	377.10	376.20	0.41	ppb
Molybdenum	96-1	366.47	363.49	364.80	364.92	0.41	ppb
Molybdenum	97-1	375.11	371.36	375.09	373.85	0.58	ppb
Molybdenum	98-1	378.24	375.21	376.06	376.50	0.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	635.18	637.70	632.02	634.97	0.45	ppb
Phosphorus	31-2	13698.31	13602.88	13765.71	13688.97	0.60	ppb
Potassium	39-2	10761.16	10855.94	10672.66	10763.25	0.85	ppb
Rhodium	103-1				131		%
Rhodium	103-2				129		%
Scandium	45-1				132		%
Scandium	45-2				138		%
Selenium	77-2	2234.10	2269.21	2216.34	2239.88	1.20	ppb
Selenium	78-2	2248.97	2242.96	2255.57	2249.17	0.28	ppb
Selenium	82-1	2200.82	2195.03	2198.41	2198.08	0.13	ppb
Silicon	28-1	2454.61	2408.65	2404.99	2422.75	1.14	ppb
Silver	109-1	80.15	80.12	80.81	80.36	0.48	ppb
Silver	107-1	79.78	80.36	80.80	80.31	0.64	ppb
Sodium	23-2	14483.87	14458.15	14282.72	14408.25	0.76	ppb
Strontium	86-1	222.43	220.51	222.10	221.68	0.46	ppb
Strontium	88-1	224.29	222.76	221.84	222.96	0.56	ppb
Sulfur	34-1	-2649.77	-2720.70	-2549.20	-2639.89		ppb
Terbium	159-1				128		%
Terbium	159-2				121		%
Thallium	203-1	1778.97	1787.19	1805.11	1790.42	0.75	ppb
Thallium	205-1	1791.34	1792.40	1809.37	1797.70	0.56	ppb
Tin	118-1	2063.46	2049.99	2138.98	2084.14	2.30	ppb
Titanium	47-1	204.17	205.28	202.83	204.09	0.60	ppb
Uranium	238-1	0.23	0.23	0.23	0.23	0.49	ppb
Vanadium	51-2	297.58	298.06	295.74	297.13	0.41	ppb
Yttrium	89-1				136		%
Yttrium	89-2				137		%
Zinc	66-2	13911.47	13928.04	13841.33	13893.61	0.33	ppb
Zirconium	90-1	0.75	0.81	0.79	0.78	3.93	ppb

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	J4493-01A	Instrumnet Name :	P7
Client Sample ID :	62B-FL1-CB128-W4-CS1	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 18:21:12	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.96	0.99	1.01	0.98	2.58	ppb

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	J4493-02	Instrumnet Name :	P7
Client Sample ID :	63B-FL1-116A-W4-CS1	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 18:24:49	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25.81	21.45	22.97	23.41	9.46	ppb
Antimony	121-1	1.54	1.54	1.55	1.54	0.40	ppb
Arsenic	75-2	0.43	0.46	0.37	0.42	11.58	ppb
Barium	135-1	15.57	15.66	15.70	15.64	0.42	ppb
Barium	137-1	15.85	15.42	15.69	15.66	1.41	ppb
Beryllium	9-1	0.04	0.02	0.04	0.03	44.43	ppb
Bismuth	209-1				117		%
Bismuth	209-2				110		%
Boron	10-1	31.36	27.96	28.92	29.41	5.96	ppb
Boron	11-1	30.67	30.20	28.76	29.88	3.33	ppb
Cadmium	111-1	-0.07	-0.05	-0.02	-0.04		ppb
Cadmium	106-1	-1.20	-0.99	-0.53	-0.90		ppb
Cadmium	108-1	0.29	0.25	0.27	0.27	8.38	ppb
Calcium	43-1	5846.31	5796.78	5801.37	5814.82	0.47	ppb
Calcium	44-1	5968.66	5769.56	5839.15	5859.12	1.72	ppb
Chromium	52-2	0.25	0.25	0.25	0.25	0.74	ppb
Cobalt	59-2	0.05	0.04	0.05	0.05	17.29	ppb
Copper	63-2	438.54	432.22	432.86	434.54	0.80	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				128		%
Holmium	165-2				120		%
Indium	115-1				136		%
Indium	115-2				129		%
Iron	56-2	41.83	41.20	42.28	41.77	1.30	ppb
Iron	57-2	54.74	53.85	55.35	54.65	1.38	ppb
Lead	206-1	3.14	3.16	3.07	3.12	1.41	ppb
Lead	207-1	2.95	2.94	2.94	2.94	0.20	ppb
Lead	208-1	3.04	3.03	3.06	3.05	0.56	ppb
Lithium	6-1				110		%
Magnesium	24-2	1171.89	1165.03	1167.47	1168.13	0.30	ppb
Manganese	55-2	15.35	15.19	15.10	15.21	0.85	ppb

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	J4493-02	Instrumnet Name :	P7
Client Sample ID :	63B-FL1-116A-W4-CS1	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 18:24:49	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.33	-0.32	-0.34	-0.33		ppb
Molybdenum	95-1	0.43	0.41	0.41	0.42	2.79	ppb
Molybdenum	96-1	0.44	0.36	0.37	0.39	10.84	ppb
Molybdenum	97-1	0.41	0.42	0.43	0.42	2.49	ppb
Molybdenum	98-1	0.44	0.41	0.37	0.41	7.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	59.73	59.32	59.88	59.64	0.48	ppb
Phosphorus	31-2	458.64	468.87	497.45	474.99	4.23	ppb
Potassium	39-2	620.28	604.27	626.07	616.87	1.83	ppb
Rhodium	103-1				136		%
Rhodium	103-2				131		%
Scandium	45-1				135		%
Scandium	45-2				139		%
Selenium	77-2	0.47	1.17	0.95	0.86	41.45	ppb
Selenium	78-2	-0.07	0.03	0.84	0.27	187.39	ppb
Selenium	82-1	0.26	0.02	0.49	0.25	92.02	ppb
Silicon	28-1	882.13	849.82	846.28	859.41	2.30	ppb
Silver	109-1	0.11	0.11	0.12	0.11	5.72	ppb
Silver	107-1	0.11	0.13	0.13	0.12	9.67	ppb
Sodium	23-2	11430.95	11292.97	11333.15	11352.36	0.63	ppb
Strontium	86-1	20.05	19.88	20.62	20.18	1.92	ppb
Strontium	88-1	20.18	19.84	20.35	20.12	1.29	ppb
Sulfur	34-1	-2583.55	-2648.43	-2604.81	-2612.26		ppb
Terbium	159-1				129		%
Terbium	159-2				120		%
Thallium	203-1	0.19	0.16	0.14	0.16	15.77	ppb
Thallium	205-1	0.19	0.19	0.17	0.19	6.41	ppb
Tin	118-1	92.41	86.61	90.46	89.82	3.29	ppb
Titanium	47-1	0.53	0.54	0.90	0.66	32.56	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	23.32	ppb
Vanadium	51-2	0.18	0.21	0.21	0.20	8.16	ppb
Yttrium	89-1				139		%
Yttrium	89-2				137		%
Zinc	66-2	807.53	806.60	806.50	806.88	0.07	ppb
Zirconium	90-1	0.03	0.02	0.01	0.02	44.06	ppb

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	J4493-02	Instrumnet Name :	P7
Client Sample ID :	63B-FL1-116A-W4-CS1	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 18:24:49	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.02	0.02	0.03	43.62	ppb

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	CCV62	Instrumnet Name :	P7
Client Sample ID :	CCV62	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 18:28:22	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52050.55	52445.26	52221.60	52239.14	0.38	ppb
Antimony	121-1	506.80	502.47	510.31	506.53	0.77	ppb
Arsenic	75-2	487.76	495.94	485.85	489.85	1.09	ppb
Barium	135-1	2547.40	2520.07	2570.76	2546.08	1.00	ppb
Barium	137-1	2542.37	2509.13	2552.74	2534.74	0.90	ppb
Beryllium	9-1	491.67	495.75	496.09	494.50	0.50	ppb
Bismuth	209-1				95		%
Bismuth	209-2				93		%
Boron	10-1	496.23	503.62	517.51	505.79	2.14	ppb
Boron	11-1	496.42	517.36	523.72	512.50	2.79	ppb
Cadmium	111-1	499.07	495.61	498.55	497.74	0.37	ppb
Cadmium	106-1	503.15	504.03	498.91	502.03	0.54	ppb
Cadmium	108-1	500.53	493.08	496.66	496.76	0.75	ppb
Calcium	43-1	241100.02	242770.28	242036.10	241968.80	0.35	ppb
Calcium	44-1	240534.76	243347.60	241545.50	241809.29	0.59	ppb
Chromium	52-2	507.72	505.66	500.19	504.52	0.77	ppb
Cobalt	59-2	491.12	492.34	489.30	490.92	0.31	ppb
Copper	63-2	932.45	939.37	931.03	934.28	0.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				109		%
Indium	115-1				110		%
Indium	115-2				110		%
Iron	56-2	127100.51	127165.47	126521.67	126929.22	0.28	ppb
Iron	57-2	126389.05	126932.94	126107.02	126476.34	0.33	ppb
Lead	206-1	505.94	509.48	513.70	509.71	0.76	ppb
Lead	207-1	509.77	509.49	508.95	509.40	0.08	ppb
Lead	208-1	510.49	507.89	509.99	509.46	0.27	ppb
Lithium	6-1				98		%
Magnesium	24-2	253608.78	253160.20	253026.91	253265.30	0.12	ppb
Manganese	55-2	974.38	975.36	973.48	974.41	0.10	ppb

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	CCV62	Instrumnet Name :	P7
Client Sample ID :	CCV62	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 18:28:22	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2501.88	2483.44	2489.77	2491.69	0.38	ppb
Molybdenum	95-1	2498.15	2499.19	2495.40	2497.58	0.08	ppb
Molybdenum	96-1	2497.78	2498.95	2507.55	2501.43	0.21	ppb
Molybdenum	97-1	2478.60	2480.54	2495.30	2484.81	0.37	ppb
Molybdenum	98-1	2471.74	2488.96	2494.75	2485.15	0.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	485.85	487.67	483.13	485.55	0.47	ppb
Phosphorus	31-2	9703.51	9828.35	9672.41	9734.76	0.85	ppb
Potassium	39-2	125262.15	126679.66	125560.75	125834.18	0.59	ppb
Rhodium	103-1				108		%
Rhodium	103-2				108		%
Scandium	45-1				116		%
Scandium	45-2				122		%
Selenium	77-2	471.07	492.21	481.99	481.76	2.19	ppb
Selenium	78-2	478.26	481.85	479.32	479.81	0.39	ppb
Selenium	82-1	471.74	466.76	470.35	469.62	0.55	ppb
Silicon	28-1	548.74	565.57	568.85	561.05	1.92	ppb
Silver	109-1	502.36	495.95	501.77	500.03	0.71	ppb
Silver	107-1	503.55	497.85	492.01	497.80	1.16	ppb
Sodium	23-2	256640.25	258433.94	255655.37	256909.85	0.55	ppb
Strontium	86-1	489.29	491.76	496.59	492.55	0.75	ppb
Strontium	88-1	498.31	496.68	500.25	498.41	0.36	ppb
Sulfur	34-1	9294.39	9144.57	9093.20	9177.39	1.14	ppb
Terbium	159-1				112		%
Terbium	159-2				109		%
Thallium	203-1	505.63	507.12	512.74	508.50	0.74	ppb
Thallium	205-1	500.75	508.08	514.59	507.81	1.36	ppb
Tin	118-1	516.51	515.09	515.67	515.76	0.14	ppb
Titanium	47-1	2474.74	2479.21	2473.86	2475.94	0.12	ppb
Uranium	238-1	490.41	496.63	496.33	494.45	0.71	ppb
Vanadium	51-2	494.94	495.70	496.03	495.56	0.11	ppb
Yttrium	89-1				118		%
Yttrium	89-2				120		%
Zinc	66-2	904.65	913.00	901.52	906.39	0.66	ppb
Zirconium	90-1	501.74	498.07	499.63	499.81	0.37	ppb

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	CCV62	Instrumnet Name :	P7
Client Sample ID :	CCV62	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 18:28:22	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	489.33	486.28	488.60	488.07	0.33	ppb

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	CCB62	Instrumnet Name :	P7
Client Sample ID :	CCB62	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 18:32:04	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.04	1.36	1.41	1.27	16.03	ppb
Antimony	121-1	0.45	0.42	0.41	0.43	4.91	ppb
Arsenic	75-2	0.05	0.07	0.07	0.06	18.39	ppb
Barium	135-1	0.06	0.08	0.03	0.06	38.38	ppb
Barium	137-1	0.08	0.09	0.07	0.08	14.50	ppb
Beryllium	9-1	0.04	0.03	0.05	0.04	17.25	ppb
Bismuth	209-1				108		%
Bismuth	209-2				106		%
Boron	10-1	19.86	17.09	16.45	17.80	10.18	ppb
Boron	11-1	18.88	17.82	16.67	17.79	6.23	ppb
Cadmium	111-1	0.25	0.11	0.16	0.17	42.21	ppb
Cadmium	106-1	2.90	1.01	1.77	1.89	50.11	ppb
Cadmium	108-1	0.07	0.09	0.00	0.05	89.13	ppb
Calcium	43-1	7.28	6.69	5.69	6.55	12.31	ppb
Calcium	44-1	12.10	12.18	10.90	11.73	6.12	ppb
Chromium	52-2	0.03	0.04	0.03	0.04	17.27	ppb
Cobalt	59-2	0.01	0.00	0.01	0.01	61.30	ppb
Copper	63-2	0.59	0.56	0.59	0.58	2.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				113		%
Indium	115-1				119		%
Indium	115-2				119		%
Iron	56-2	3.39	3.51	3.44	3.45	1.68	ppb
Iron	57-2	2.20	4.37	2.97	3.18	34.60	ppb
Lead	206-1	0.08	0.08	0.06	0.07	12.88	ppb
Lead	207-1	0.06	0.06	0.07	0.06	14.93	ppb
Lead	208-1	0.07	0.07	0.07	0.07	4.54	ppb
Lithium	6-1				106		%
Magnesium	24-2	5.90	6.09	6.85	6.28	7.98	ppb
Manganese	55-2	0.02	0.04	0.02	0.03	26.75	ppb

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	CCB62	Instrumnet Name :	P7
Client Sample ID :	CCB62	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 18:32:04	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.37	0.18	0.12	0.22	58.89	ppb
Molybdenum	95-1	1.28	1.09	0.97	1.11	14.31	ppb
Molybdenum	96-1	1.25	1.05	0.96	1.09	13.56	ppb
Molybdenum	97-1	1.29	1.13	1.03	1.15	11.75	ppb
Molybdenum	98-1	1.21	1.08	1.00	1.10	9.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.02	0.02	0.02	75.03	ppb
Phosphorus	31-2	-11.31	-4.68	-16.88	-10.96		ppb
Potassium	39-2	24.18	24.92	21.55	23.55	7.52	ppb
Rhodium	103-1				120		%
Rhodium	103-2				121		%
Scandium	45-1				120		%
Scandium	45-2				126		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.21	-0.47	-0.09	-0.26		ppb
Selenium	82-1	-0.33	0.01	-0.07	-0.13		ppb
Silicon	28-1	1.71	1.20	0.67	1.19	43.76	ppb
Silver	109-1	0.06	0.06	0.07	0.06	12.77	ppb
Silver	107-1	0.06	0.05	0.04	0.05	13.43	ppb
Sodium	23-2	39.10	39.64	37.76	38.84	2.49	ppb
Strontium	86-1	0.02	-0.02	-0.01	0.00		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	17.94	ppb
Sulfur	34-1	-1918.90	-1882.14	-1948.06	-1916.37		ppb
Terbium	159-1				115		%
Terbium	159-2				112		%
Thallium	203-1	0.13	0.11	0.10	0.12	11.08	ppb
Thallium	205-1	0.13	0.12	0.12	0.12	7.70	ppb
Tin	118-1	0.30	0.28	0.30	0.29	4.56	ppb
Titanium	47-1	0.12	0.11	0.09	0.11	16.01	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	4.57	ppb
Vanadium	51-2	0.01	0.02	0.02	0.02	20.50	ppb
Yttrium	89-1				122		%
Yttrium	89-2				126		%
Zinc	66-2	0.53	0.24	0.64	0.47	43.56	ppb
Zirconium	90-1	0.05	0.03	0.04	0.04	26.97	ppb

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	CCB62	Instrumnet Name :	P7
Client Sample ID :	CCB62	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 18:32:04	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.06	0.05	0.03	0.05	34.01	ppb

LB Number : LB97328 Operator : Jaswal
 Lab Sample ID : J4493-03 Instrumnet Name : P7
 Client Sample ID : 65B-FL1-CR126-W3-CS1 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-15 18:35:38 DataFile Name : 031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	613.12	613.99	606.88	611.33	0.63	ppb
Antimony	121-1	0.65	0.76	0.82	0.74	11.67	ppb
Arsenic	75-2	0.21	0.26	0.26	0.25	11.43	ppb
Barium	135-1	16.58	16.64	16.11	16.44	1.75	ppb
Barium	137-1	16.49	16.87	16.23	16.53	1.95	ppb
Beryllium	9-1	0.00	0.03	0.04	0.03	80.43	ppb
Bismuth	209-1				119		%
Bismuth	209-2				112		%
Boron	10-1	21.95	20.98	22.57	21.83	3.66	ppb
Boron	11-1	22.18	22.15	22.39	22.24	0.59	ppb
Cadmium	111-1	0.30	0.16	0.22	0.22	30.74	ppb
Cadmium	106-1	3.26	1.62	2.41	2.43	33.65	ppb
Cadmium	108-1	0.41	0.52	0.49	0.47	11.97	ppb
Calcium	43-1	5572.31	5661.24	5616.43	5616.66	0.79	ppb
Calcium	44-1	5721.50	5695.30	5642.61	5686.47	0.71	ppb
Chromium	52-2	0.30	0.32	0.35	0.32	7.78	ppb
Cobalt	59-2	0.13	0.11	0.12	0.12	5.64	ppb
Copper	63-2	2165.87	2137.22	2116.67	2139.92	1.15	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				128		%
Holmium	165-2				122		%
Indium	115-1				136		%
Indium	115-2				131		%
Iron	56-2	78.87	78.51	77.66	78.35	0.79	ppb
Iron	57-2	91.64	89.31	89.07	90.01	1.58	ppb
Lead	206-1	3.16	3.13	3.12	3.14	0.72	ppb
Lead	207-1	2.93	2.83	2.95	2.91	2.20	ppb
Lead	208-1	3.06	3.03	3.03	3.04	0.59	ppb
Lithium	6-1				119		%
Magnesium	24-2	1163.09	1164.39	1149.52	1159.00	0.71	ppb
Manganese	55-2	10.04	10.00	9.64	9.89	2.19	ppb

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	J4493-03	Instrumnet Name :	P7
Client Sample ID :	65B-FL1-CR126-W3-CS1	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 18:35:38	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.24	-0.28	-0.25	-0.26		ppb
Molybdenum	95-1	0.31	0.35	0.34	0.33	6.69	ppb
Molybdenum	96-1	0.38	0.39	0.32	0.36	10.77	ppb
Molybdenum	97-1	0.35	0.33	0.33	0.33	3.05	ppb
Molybdenum	98-1	0.36	0.36	0.34	0.35	3.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	93.54	93.60	92.80	93.31	0.48	ppb
Phosphorus	31-2	181.19	147.04	165.29	164.51	10.39	ppb
Potassium	39-2	571.48	578.79	565.61	571.96	1.16	ppb
Rhodium	103-1				136		%
Rhodium	103-2				134		%
Scandium	45-1				137		%
Scandium	45-2				143		%
Selenium	77-2	0.23	0.46	0.23	0.31	43.32	ppb
Selenium	78-2	-0.21	-0.30	-0.31	-0.28		ppb
Selenium	82-1	-0.13	-0.23	0.01	-0.11		ppb
Silicon	28-1	917.36	914.36	916.86	916.20	0.18	ppb
Silver	109-1	1.24	0.14	0.16	0.51	122.65	ppb
Silver	107-1	2.66	0.14	0.16	0.99	147.19	ppb
Sodium	23-2	11389.21	11370.12	11210.24	11323.19	0.87	ppb
Strontium	86-1	20.26	20.23	20.14	20.21	0.31	ppb
Strontium	88-1	20.09	20.07	19.97	20.04	0.33	ppb
Sulfur	34-1	-1336.44	-1377.25	-1416.44	-1376.71		ppb
Terbium	159-1				130		%
Terbium	159-2				122		%
Thallium	203-1	0.17	0.14	0.15	0.16	11.18	ppb
Thallium	205-1	0.19	0.16	0.14	0.16	13.99	ppb
Tin	118-1	169.10	173.43	167.81	170.11	1.73	ppb
Titanium	47-1	0.40	0.33	0.38	0.37	9.78	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	5.11	ppb
Vanadium	51-2	0.07	0.08	0.09	0.08	17.45	ppb
Yttrium	89-1				139		%
Yttrium	89-2				139		%
Zinc	66-2	1327.70	1324.20	1310.23	1320.71	0.70	ppb
Zirconium	90-1	0.15	0.11	0.11	0.12	17.12	ppb

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	J4493-03	Instrumnet Name :	P7
Client Sample ID :	65B-FL1-CR126-W3-CS1	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 18:35:38	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.13	0.14	0.11	0.13	8.57	ppb

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	J4493-04	Instrumnet Name :	P7
Client Sample ID :	66B-FL1-CR105D-W4-B0	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 18:39:12	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3996.64	3912.49	3939.83	3949.65	1.09	ppb
Antimony	121-1	0.58	0.73	0.72	0.67	11.96	ppb
Arsenic	75-2	0.49	0.56	0.53	0.53	6.12	ppb
Barium	135-1	17.09	16.75	16.87	16.90	1.03	ppb
Barium	137-1	17.04	17.00	16.87	16.97	0.54	ppb
Beryllium	9-1	0.03	0.03	0.02	0.03	20.42	ppb
Bismuth	209-1				117		%
Bismuth	209-2				109		%
Boron	10-1	15.02	13.95	14.41	14.46	3.71	ppb
Boron	11-1	14.01	14.68	14.27	14.32	2.34	ppb
Cadmium	111-1	0.29	0.26	0.33	0.29	11.40	ppb
Cadmium	106-1	1.45	1.39	2.30	1.71	29.73	ppb
Cadmium	108-1	0.52	0.53	0.46	0.50	8.17	ppb
Calcium	43-1	5734.47	5676.69	5732.28	5714.48	0.57	ppb
Calcium	44-1	5769.37	5795.92	5783.82	5783.04	0.23	ppb
Chromium	52-2	23.22	22.85	22.94	23.01	0.83	ppb
Cobalt	59-2	1.03	1.02	1.07	1.04	2.29	ppb
Copper	63-2	3567.05	3535.55	3542.11	3548.24	0.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				128		%
Holmium	165-2				121		%
Indium	115-1				135		%
Indium	115-2				130		%
Iron	56-2	565.76	562.33	562.04	563.38	0.37	ppb
Iron	57-2	588.56	570.37	563.38	574.10	2.26	ppb
Lead	206-1	8.10	8.33	8.09	8.17	1.62	ppb
Lead	207-1	7.54	7.73	7.74	7.67	1.46	ppb
Lead	208-1	7.88	7.99	7.89	7.92	0.77	ppb
Lithium	6-1				117		%
Magnesium	24-2	1396.64	1387.10	1377.87	1387.20	0.68	ppb
Manganese	55-2	35.13	34.74	34.67	34.84	0.71	ppb

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	J4493-04	Instrumnet Name :	P7
Client Sample ID :	66B-FL1-CR105D-W4-B0	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 18:39:12	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.38	-0.37	-0.44	-0.40		ppb
Molybdenum	95-1	0.23	0.21	0.22	0.22	3.65	ppb
Molybdenum	96-1	0.24	0.22	0.24	0.24	4.48	ppb
Molybdenum	97-1	0.21	0.21	0.20	0.20	2.12	ppb
Molybdenum	98-1	0.24	0.22	0.22	0.23	3.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	131.44	129.83	130.89	130.72	0.62	ppb
Phosphorus	31-2	1013.31	1023.52	948.66	995.16	4.08	ppb
Potassium	39-2	537.56	527.37	538.57	534.50	1.16	ppb
Rhodium	103-1				136		%
Rhodium	103-2				132		%
Scandium	45-1				136		%
Scandium	45-2				142		%
Selenium	77-2	0.47	0.23	0.00	0.23	100.27	ppb
Selenium	78-2	0.52	-0.26	0.01	0.09	427.26	ppb
Selenium	82-1	0.15	0.29	0.10	0.18	56.79	ppb
Silicon	28-1	957.44	943.18	922.38	941.00	1.87	ppb
Silver	109-1	0.14	0.14	0.15	0.14	2.74	ppb
Silver	107-1	0.12	0.15	0.14	0.14	12.07	ppb
Sodium	23-2	11332.67	11398.79	11232.07	11321.18	0.74	ppb
Strontium	86-1	20.06	20.47	20.30	20.28	1.01	ppb
Strontium	88-1	20.28	20.17	20.25	20.23	0.27	ppb
Sulfur	34-1	-1556.32	-1601.92	-1616.47	-1591.57		ppb
Terbium	159-1				129		%
Terbium	159-2				122		%
Thallium	203-1	0.06	0.07	0.08	0.07	13.88	ppb
Thallium	205-1	0.08	0.07	0.07	0.07	7.75	ppb
Tin	118-1	81.17	81.02	81.36	81.18	0.21	ppb
Titanium	47-1	0.88	0.90	0.93	0.91	2.65	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	9.44	ppb
Vanadium	51-2	0.22	0.21	0.21	0.22	1.95	ppb
Yttrium	89-1				139		%
Yttrium	89-2				139		%
Zinc	66-2	1182.05	1170.88	1176.85	1176.59	0.48	ppb
Zirconium	90-1	0.07	0.08	0.07	0.07	4.25	ppb

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	J4493-04	Instrumnet Name :	P7
Client Sample ID :	66B-FL1-CR105D-W4-B0	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 18:39:12	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.08	0.08	0.08	0.08	1.45	ppb

LB Number : LB97328 Operator : Jaswal
 Lab Sample ID : J4493-05 Instrumnet Name : P7
 Client Sample ID : 67B-FL1-CR110-W2-CS1 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-15 18:42:46 DataFile Name : 033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3799.75	3847.04	3763.15	3803.31	1.11	ppb
Antimony	121-1	0.53	0.59	0.64	0.59	9.40	ppb
Arsenic	75-2	0.42	0.39	0.39	0.40	4.63	ppb
Barium	135-1	18.09	18.26	17.99	18.11	0.78	ppb
Barium	137-1	18.29	18.15	18.09	18.18	0.57	ppb
Beryllium	9-1	0.03	0.02	0.03	0.03	25.18	ppb
Bismuth	209-1				114		%
Bismuth	209-2				102		%
Boron	10-1	17.02	16.71	17.72	17.15	3.01	ppb
Boron	11-1	17.36	17.45	18.20	17.67	2.62	ppb
Cadmium	111-1	0.28	0.38	0.22	0.29	28.21	ppb
Cadmium	106-1	1.45	2.75	0.56	1.58	69.59	ppb
Cadmium	108-1	0.50	0.56	0.39	0.48	17.81	ppb
Calcium	43-1	5733.89	5735.00	5741.66	5736.85	0.07	ppb
Calcium	44-1	5726.83	5713.42	5717.76	5719.33	0.12	ppb
Chromium	52-2	4.37	4.51	4.52	4.47	1.89	ppb
Cobalt	59-2	0.20	0.20	0.20	0.20	0.87	ppb
Copper	63-2	3457.13	3491.31	3461.91	3470.12	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				125		%
Holmium	165-2				113		%
Indium	115-1				132		%
Indium	115-2				121		%
Iron	56-2	394.23	399.87	398.16	397.42	0.73	ppb
Iron	57-2	408.15	413.43	408.72	410.10	0.71	ppb
Lead	206-1	8.06	8.23	8.16	8.15	1.08	ppb
Lead	207-1	7.68	7.63	7.75	7.69	0.83	ppb
Lead	208-1	7.87	8.00	7.94	7.94	0.83	ppb
Lithium	6-1				111		%
Magnesium	24-2	1459.77	1482.71	1474.00	1472.16	0.79	ppb
Manganese	55-2	13.41	13.45	13.28	13.38	0.64	ppb

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	J4493-05	Instrumnet Name :	P7
Client Sample ID :	67B-FL1-CR110-W2-CS1	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 18:42:46	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.41	-0.36	-0.40	-0.39		ppb
Molybdenum	95-1	0.17	0.18	0.18	0.17	3.50	ppb
Molybdenum	96-1	0.19	0.19	0.19	0.19	2.30	ppb
Molybdenum	97-1	0.16	0.17	0.21	0.18	13.99	ppb
Molybdenum	98-1	0.16	0.18	0.17	0.17	5.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	27.75	28.35	27.99	28.03	1.07	ppb
Phosphorus	31-2	771.44	770.86	770.24	770.84	0.08	ppb
Potassium	39-2	561.56	571.62	558.43	563.87	1.22	ppb
Rhodium	103-1				132		%
Rhodium	103-2				124		%
Scandium	45-1				132		%
Scandium	45-2				133		%
Selenium	77-2	0.74	1.24	0.00	0.66	94.44	ppb
Selenium	78-2	0.08	-0.20	-0.27	-0.13		ppb
Selenium	82-1	0.02	-0.05	0.08	0.02	390.91	ppb
Silicon	28-1	932.91	929.47	929.65	930.68	0.21	ppb
Silver	109-1	0.13	0.13	0.14	0.13	3.66	ppb
Silver	107-1	0.12	0.12	0.15	0.13	14.40	ppb
Sodium	23-2	11381.62	11468.79	11417.48	11422.63	0.38	ppb
Strontium	86-1	20.19	20.25	20.35	20.26	0.39	ppb
Strontium	88-1	20.32	20.35	20.45	20.37	0.32	ppb
Sulfur	34-1	-1637.44	-1578.23	-1470.22	-1561.96		ppb
Terbium	159-1				125		%
Terbium	159-2				113		%
Thallium	203-1	0.04	0.04	0.03	0.04	12.09	ppb
Thallium	205-1	0.05	0.04	0.05	0.05	8.67	ppb
Tin	118-1	276.76	282.13	275.25	278.05	1.30	ppb
Titanium	47-1	0.86	0.76	0.84	0.82	6.44	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	2.67	ppb
Vanadium	51-2	0.16	0.17	0.18	0.17	5.88	ppb
Yttrium	89-1				136		%
Yttrium	89-2				130		%
Zinc	66-2	1066.80	1077.96	1075.45	1073.40	0.55	ppb
Zirconium	90-1	0.08	0.08	0.08	0.08	5.19	ppb

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	J4493-05	Instrumnet Name :	P7
Client Sample ID :	67B-FL1-CR110-W2-CS1	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 18:42:46	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.10	0.05	0.06	0.07	35.42	ppb

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	J4493-06	Instrumnet Name :	P7
Client Sample ID :	69B-FL1-CR115-129A-W	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 18:46:20	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9039.89	8919.68	8965.46	8975.01	0.68	ppb
Antimony	121-1	0.57	0.60	0.66	0.61	7.41	ppb
Arsenic	75-2	0.80	0.69	0.78	0.76	8.27	ppb
Barium	135-1	24.20	24.23	24.17	24.20	0.13	ppb
Barium	137-1	23.99	24.27	24.17	24.14	0.59	ppb
Beryllium	9-1	0.02	0.01	0.03	0.02	29.23	ppb
Bismuth	209-1				121		%
Bismuth	209-2				111		%
Boron	10-1	14.69	15.45	16.54	15.56	5.96	ppb
Boron	11-1	15.24	15.28	15.90	15.47	2.38	ppb
Cadmium	111-1	0.16	0.14	0.06	0.12	46.20	ppb
Cadmium	106-1	1.94	1.64	0.51	1.36	55.51	ppb
Cadmium	108-1	0.75	0.84	0.94	0.84	10.98	ppb
Calcium	43-1	5642.94	5692.31	5625.16	5653.47	0.62	ppb
Calcium	44-1	5661.31	5697.15	5674.76	5677.74	0.32	ppb
Chromium	52-2	0.93	0.93	0.88	0.91	3.30	ppb
Cobalt	59-2	0.32	0.32	0.32	0.32	0.34	ppb
Copper	63-2	5599.98	5569.64	5606.53	5592.05	0.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				128		%
Holmium	165-2				120		%
Indium	115-1				136		%
Indium	115-2				129		%
Iron	56-2	627.50	622.95	622.26	624.24	0.46	ppb
Iron	57-2	622.83	630.60	634.26	629.23	0.93	ppb
Lead	206-1	11.63	11.68	11.59	11.64	0.40	ppb
Lead	207-1	10.98	10.89	11.05	10.98	0.75	ppb
Lead	208-1	11.35	11.35	11.34	11.35	0.06	ppb
Lithium	6-1				112		%
Magnesium	24-2	1143.62	1125.93	1131.99	1133.85	0.79	ppb
Manganese	55-2	63.99	62.64	63.11	63.25	1.09	ppb

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	J4493-06	Instrumnet Name :	P7
Client Sample ID :	69B-FL1-CR115-129A-W	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 18:46:20	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.34	-0.35	-0.36	-0.35		ppb
Molybdenum	95-1	0.15	0.17	0.14	0.15	7.99	ppb
Molybdenum	96-1	0.18	0.19	0.15	0.17	10.55	ppb
Molybdenum	97-1	0.13	0.16	0.14	0.14	8.62	ppb
Molybdenum	98-1	0.16	0.17	0.14	0.16	11.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	104.63	103.17	104.20	104.00	0.72	ppb
Phosphorus	31-2	2062.61	2089.71	2108.56	2086.96	1.11	ppb
Potassium	39-2	549.30	541.06	545.19	545.18	0.76	ppb
Rhodium	103-1				137		%
Rhodium	103-2				133		%
Scandium	45-1				137		%
Scandium	45-2				142		%
Selenium	77-2	0.94	0.69	0.94	0.86	16.61	ppb
Selenium	78-2	-0.09	-0.35	-0.66	-0.37		ppb
Selenium	82-1	0.10	0.45	0.05	0.20	109.12	ppb
Silicon	28-1	1040.91	1017.99	1073.03	1043.98	2.65	ppb
Silver	109-1	0.12	0.13	0.15	0.13	11.43	ppb
Silver	107-1	0.14	0.15	0.17	0.15	9.42	ppb
Sodium	23-2	11117.04	10975.37	11029.86	11040.76	0.65	ppb
Strontium	86-1	21.15	21.22	21.15	21.17	0.19	ppb
Strontium	88-1	21.01	20.92	21.08	21.00	0.38	ppb
Sulfur	34-1	-2062.75	-2194.60	-2332.17	-2196.51		ppb
Terbium	159-1				130		%
Terbium	159-2				121		%
Thallium	203-1	0.04	0.04	0.03	0.04	19.60	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	8.14	ppb
Tin	118-1	138.92	145.27	138.10	140.76	2.79	ppb
Titanium	47-1	1.85	1.76	1.93	1.85	4.51	ppb
Uranium	238-1	0.06	0.06	0.06	0.06	3.51	ppb
Vanadium	51-2	0.22	0.26	0.23	0.24	9.45	ppb
Yttrium	89-1				141		%
Yttrium	89-2				138		%
Zinc	66-2	3281.55	3192.62	3178.93	3217.70	1.73	ppb
Zirconium	90-1	0.11	0.12	0.12	0.12	3.69	ppb

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	J4493-06	Instrumnet Name :	P7
Client Sample ID :	69B-FL1-CR115-129A-W	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 18:46:20	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.13	0.10	0.12	0.12	11.68	ppb

LB Number : LB97328 Operator : Jaswal
 Lab Sample ID : J4493-07 Instrumnet Name : P7
 Client Sample ID : 70B-FL1-CR121-W3-CS1 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-15 18:49:55 DataFile Name : 035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11703.07	11557.31	11573.38	11611.25	0.69	ppb
Antimony	121-1	0.58	0.68	0.69	0.65	9.30	ppb
Arsenic	75-2	1.13	1.08	1.11	1.11	2.23	ppb
Barium	135-1	29.24	28.91	29.85	29.33	1.62	ppb
Barium	137-1	29.52	29.33	29.85	29.56	0.89	ppb
Beryllium	9-1	0.04	0.03	0.02	0.03	36.41	ppb
Bismuth	209-1				122		%
Bismuth	209-2				112		%
Boron	10-1	16.02	16.49	15.29	15.93	3.79	ppb
Boron	11-1	16.68	16.28	16.94	16.63	2.01	ppb
Cadmium	111-1	0.16	0.02	0.06	0.08	90.74	ppb
Cadmium	106-1	1.33	0.02	0.08	0.47	155.48	ppb
Cadmium	108-1	0.81	1.27	0.79	0.96	28.35	ppb
Calcium	43-1	5990.56	5992.08	5846.38	5943.00	1.41	ppb
Calcium	44-1	6014.33	5998.68	5957.83	5990.28	0.49	ppb
Chromium	52-2	0.96	0.95	0.96	0.96	0.64	ppb
Cobalt	59-2	0.40	0.38	0.38	0.39	3.21	ppb
Copper	63-2	12937.94	12859.49	12803.02	12866.82	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				130		%
Holmium	165-2				121		%
Indium	115-1				137		%
Indium	115-2				129		%
Iron	56-2	749.32	737.97	736.26	741.19	0.96	ppb
Iron	57-2	748.33	746.62	746.78	747.24	0.13	ppb
Lead	206-1	11.94	11.97	12.11	12.01	0.76	ppb
Lead	207-1	11.24	11.17	11.24	11.22	0.38	ppb
Lead	208-1	11.56	11.63	11.70	11.63	0.61	ppb
Lithium	6-1				109		%
Magnesium	24-2	1160.18	1138.52	1157.34	1152.01	1.02	ppb
Manganese	55-2	79.12	79.30	78.62	79.01	0.44	ppb

LB Number : LB97328 Operator : Jaswal
 Lab Sample ID : J4493-07 Instrumnet Name : P7
 Client Sample ID : 70B-FL1-CR121-W3-CS1 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-15 18:49:55 DataFile Name : 035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.36	-0.38	-0.36	-0.37		ppb
Molybdenum	95-1	0.14	0.13	0.12	0.13	8.39	ppb
Molybdenum	96-1	0.14	0.14	0.14	0.14	1.62	ppb
Molybdenum	97-1	0.11	0.11	0.15	0.12	16.39	ppb
Molybdenum	98-1	0.13	0.14	0.16	0.14	10.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	578.24	573.88	575.63	575.92	0.38	ppb
Phosphorus	31-2	3189.52	3265.17	3258.65	3237.78	1.29	ppb
Potassium	39-2	538.82	534.48	535.04	536.12	0.44	ppb
Rhodium	103-1				138		%
Rhodium	103-2				133		%
Scandium	45-1				137		%
Scandium	45-2				143		%
Selenium	77-2	0.00	0.23	0.23	0.16	86.61	ppb
Selenium	78-2	-0.04	0.08	-0.80	-0.26		ppb
Selenium	82-1	0.18	-0.22	0.38	0.11	272.05	ppb
Silicon	28-1	1058.89	1061.75	1028.74	1049.80	1.74	ppb
Silver	109-1	0.15	0.16	0.17	0.16	6.49	ppb
Silver	107-1	0.17	0.16	0.19	0.17	8.03	ppb
Sodium	23-2	11027.87	10939.45	10880.05	10949.12	0.68	ppb
Strontium	86-1	21.56	22.14	22.02	21.91	1.40	ppb
Strontium	88-1	22.01	21.88	21.90	21.93	0.33	ppb
Sulfur	34-1	-2490.88	-2586.31	-2592.49	-2556.56		ppb
Terbium	159-1				131		%
Terbium	159-2				121		%
Thallium	203-1	0.03	0.04	0.02	0.03	17.72	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	5.98	ppb
Tin	118-1	354.44	360.52	368.38	361.11	1.94	ppb
Titanium	47-1	2.50	2.37	2.44	2.43	2.61	ppb
Uranium	238-1	0.08	0.08	0.07	0.08	3.50	ppb
Vanadium	51-2	0.31	0.36	0.32	0.33	8.48	ppb
Yttrium	89-1				141		%
Yttrium	89-2				139		%
Zinc	66-2	3040.84	3008.69	3024.51	3024.68	0.53	ppb
Zirconium	90-1	0.16	0.13	0.14	0.14	10.73	ppb

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	J4493-07	Instrumnet Name :	P7
Client Sample ID :	70B-FL1-CR121-W3-CS1	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 18:49:55	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.11	0.17	0.14	0.14	21.46	ppb

LB Number : LB97328 Operator : Jaswal
 Lab Sample ID : J4493-08 Instrumnet Name : P7
 Client Sample ID : 71B-FL1-CR112-123B-B0 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-15 18:53:32 DataFile Name : 036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4693.17	4671.62	4688.08	4684.29	0.24	ppb
Antimony	121-1	0.41	0.46	0.47	0.45	6.61	ppb
Arsenic	75-2	0.53	0.54	0.55	0.54	2.21	ppb
Barium	135-1	17.04	16.60	17.06	16.90	1.54	ppb
Barium	137-1	16.97	17.43	16.76	17.05	2.03	ppb
Beryllium	9-1	0.03	0.02	0.02	0.02	21.79	ppb
Bismuth	209-1				118		%
Bismuth	209-2				108		%
Boron	10-1	10.55	11.28	11.17	11.00	3.55	ppb
Boron	11-1	11.60	11.53	11.96	11.70	1.96	ppb
Cadmium	111-1	0.14	0.29	0.20	0.21	35.81	ppb
Cadmium	106-1	-0.50	1.01	0.21	0.24	313.60	ppb
Cadmium	108-1	0.50	0.91	0.61	0.67	31.61	ppb
Calcium	43-1	5606.27	5657.32	5659.05	5640.88	0.53	ppb
Calcium	44-1	5652.82	5639.28	5644.38	5645.49	0.12	ppb
Chromium	52-2	3.21	3.25	3.16	3.21	1.27	ppb
Cobalt	59-2	0.36	0.37	0.36	0.36	2.04	ppb
Copper	63-2	4987.10	5022.26	4972.40	4993.92	0.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				129		%
Holmium	165-2				120		%
Indium	115-1				137		%
Indium	115-2				129		%
Iron	56-2	577.92	571.03	574.03	574.33	0.60	ppb
Iron	57-2	586.90	595.95	595.75	592.87	0.87	ppb
Lead	206-1	7.76	7.79	7.82	7.79	0.40	ppb
Lead	207-1	7.37	7.43	7.25	7.35	1.26	ppb
Lead	208-1	7.57	7.63	7.56	7.59	0.51	ppb
Lithium	6-1				108		%
Magnesium	24-2	1349.98	1341.59	1356.33	1349.30	0.55	ppb
Manganese	55-2	35.10	34.87	34.99	34.99	0.33	ppb

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	J4493-08	Instrumnet Name :	P7
Client Sample ID :	71B-FL1-CR112-123B-B0	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 18:53:32	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.47	-0.47	-0.45	-0.46		ppb
Molybdenum	95-1	0.09	0.12	0.15	0.12	21.45	ppb
Molybdenum	96-1	0.13	0.11	0.13	0.12	7.79	ppb
Molybdenum	97-1	0.12	0.11	0.11	0.12	3.81	ppb
Molybdenum	98-1	0.13	0.12	0.11	0.12	8.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	70.19	70.32	70.54	70.35	0.25	ppb
Phosphorus	31-2	1277.87	1269.02	1309.99	1285.63	1.68	ppb
Potassium	39-2	514.81	515.89	527.83	519.51	1.39	ppb
Rhodium	103-1				138		%
Rhodium	103-2				133		%
Scandium	45-1				136		%
Scandium	45-2				143		%
Selenium	77-2	0.70	0.69	0.47	0.62	21.00	ppb
Selenium	78-2	-0.49	-0.42	-0.28	-0.40		ppb
Selenium	82-1	-0.27	-0.21	-0.07	-0.18		ppb
Silicon	28-1	908.90	907.01	990.55	935.49	5.10	ppb
Silver	109-1	0.11	0.12	0.14	0.12	13.34	ppb
Silver	107-1	0.11	0.11	0.12	0.11	6.47	ppb
Sodium	23-2	10873.23	10822.43	10912.98	10869.55	0.42	ppb
Strontium	86-1	19.80	20.03	20.22	20.02	1.03	ppb
Strontium	88-1	19.69	19.90	19.80	19.80	0.54	ppb
Sulfur	34-1	-2550.30	-2444.90	-2456.09	-2483.77		ppb
Terbium	159-1				130		%
Terbium	159-2				121		%
Thallium	203-1	0.03	0.03	0.03	0.03	3.11	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	3.55	ppb
Tin	118-1	166.60	167.47	169.75	167.94	0.97	ppb
Titanium	47-1	1.00	1.00	1.03	1.01	1.84	ppb
Uranium	238-1	0.03	0.04	0.04	0.04	2.81	ppb
Vanadium	51-2	0.29	0.29	0.28	0.29	1.92	ppb
Yttrium	89-1				141		%
Yttrium	89-2				139		%
Zinc	66-2	1567.68	1565.14	1573.66	1568.83	0.28	ppb
Zirconium	90-1	0.06	0.07	0.07	0.07	4.64	ppb

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	J4493-08	Instrumnet Name :	P7
Client Sample ID :	71B-FL1-CR112-123B-B0	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 18:53:32	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.08	0.07	0.08	0.08	3.44	ppb

LB Number : LB97328 Operator : Jaswal
 Lab Sample ID : J4493-09 Instrumnet Name : P7
 Client Sample ID : 72B-FL1-CR119-137B-W Dilution Factor : 1
 Date & Time Acquired :: 2018-08-15 18:57:07 DataFile Name : 037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12.27	9.46	11.32	11.02	12.98	ppb
Antimony	121-1	0.69	0.77	0.79	0.75	6.74	ppb
Arsenic	75-2	0.29	0.30	0.31	0.30	4.75	ppb
Barium	135-1	16.63	16.57	16.48	16.56	0.48	ppb
Barium	137-1	16.84	16.54	16.53	16.64	1.05	ppb
Beryllium	9-1	0.03	0.01	0.02	0.02	31.19	ppb
Bismuth	209-1				119		%
Bismuth	209-2				108		%
Boron	10-1	14.52	14.99	16.13	15.21	5.44	ppb
Boron	11-1	14.55	14.36	15.18	14.69	2.91	ppb
Cadmium	111-1	0.01	0.01	0.02	0.01	21.40	ppb
Cadmium	106-1	0.19	0.32	0.29	0.27	25.98	ppb
Cadmium	108-1	0.54	0.62	0.53	0.56	9.30	ppb
Calcium	43-1	5840.01	5823.69	5769.13	5810.94	0.64	ppb
Calcium	44-1	5876.01	5860.95	5787.41	5841.45	0.81	ppb
Chromium	52-2	0.19	0.17	0.16	0.17	8.19	ppb
Cobalt	59-2	0.09	0.08	0.10	0.09	9.99	ppb
Copper	63-2	1024.57	1014.74	1017.45	1018.92	0.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				130		%
Holmium	165-2				120		%
Indium	115-1				138		%
Indium	115-2				130		%
Iron	56-2	17.85	17.88	18.27	18.00	1.30	ppb
Iron	57-2	30.71	32.89	31.99	31.86	3.43	ppb
Lead	206-1	2.05	1.96	1.97	1.99	2.31	ppb
Lead	207-1	1.88	1.80	1.84	1.84	1.95	ppb
Lead	208-1	1.91	1.90	1.92	1.91	0.73	ppb
Lithium	6-1				107		%
Magnesium	24-2	1170.67	1167.30	1167.02	1168.33	0.17	ppb
Manganese	55-2	15.77	15.77	15.86	15.80	0.35	ppb

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	J4493-09	Instrumnet Name :	P7
Client Sample ID :	72B-FL1-CR119-137B-W	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 18:57:07	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.54	-0.53	-0.48	-0.52		ppb
Molybdenum	95-1	0.09	0.11	0.11	0.10	6.67	ppb
Molybdenum	96-1	0.10	0.10	0.10	0.10	2.37	ppb
Molybdenum	97-1	0.09	0.10	0.11	0.10	7.29	ppb
Molybdenum	98-1	0.12	0.11	0.12	0.12	7.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	361.85	360.26	359.89	360.67	0.29	ppb
Phosphorus	31-2	301.50	318.40	343.90	321.27	6.64	ppb
Potassium	39-2	561.13	564.43	556.05	560.54	0.75	ppb
Rhodium	103-1				139		%
Rhodium	103-2				133		%
Scandium	45-1				136		%
Scandium	45-2				142		%
Selenium	77-2	0.46	0.23	0.23	0.31	43.35	ppb
Selenium	78-2	-0.08	0.26	0.20	0.13	140.11	ppb
Selenium	82-1	-0.10	-0.03	-0.05	-0.06		ppb
Silicon	28-1	881.40	869.53	859.41	870.11	1.27	ppb
Silver	109-1	0.10	0.10	0.11	0.11	6.70	ppb
Silver	107-1	0.09	0.09	0.10	0.09	5.51	ppb
Sodium	23-2	11156.95	11240.68	11114.56	11170.73	0.57	ppb
Strontium	86-1	20.68	21.23	20.91	20.94	1.33	ppb
Strontium	88-1	20.46	20.48	20.52	20.49	0.15	ppb
Sulfur	34-1	-1902.21	-1877.21	-1779.07	-1852.83		ppb
Terbium	159-1				131		%
Terbium	159-2				120		%
Thallium	203-1	0.02	0.03	0.02	0.03	17.06	ppb
Thallium	205-1	0.03	0.02	0.02	0.02	8.27	ppb
Tin	118-1	56.01	57.39	55.80	56.40	1.54	ppb
Titanium	47-1	0.34	0.32	0.27	0.31	11.18	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	19.66	ppb
Vanadium	51-2	0.10	0.08	0.10	0.09	11.43	ppb
Yttrium	89-1				142		%
Yttrium	89-2				140		%
Zinc	66-2	1801.73	1788.93	1798.99	1796.55	0.38	ppb
Zirconium	90-1	0.02	0.03	0.02	0.03	22.13	ppb

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	J4493-09	Instrumnet Name :	P7
Client Sample ID :	72B-FL1-CR119-137B-W	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 18:57:07	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.02	0.03	0.02	17.45	ppb

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	CCV63	Instrumnet Name :	P7
Client Sample ID :	CCV63	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 19:00:42	DataFile Name :	038CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51496.06	52324.13	51681.65	51833.95	0.84	ppb
Antimony	121-1	506.98	510.25	508.39	508.54	0.32	ppb
Arsenic	75-2	489.42	495.26	488.47	491.05	0.75	ppb
Barium	135-1	2551.92	2560.34	2536.22	2549.49	0.48	ppb
Barium	137-1	2539.90	2570.44	2523.87	2544.74	0.93	ppb
Beryllium	9-1	506.24	496.05	504.36	502.22	1.08	ppb
Bismuth	209-1				96		%
Bismuth	209-2				93		%
Boron	10-1	502.13	502.97	514.55	506.55	1.37	ppb
Boron	11-1	508.89	510.75	518.36	512.67	0.98	ppb
Cadmium	111-1	499.42	503.95	498.56	500.65	0.58	ppb
Cadmium	106-1	503.65	503.80	509.88	505.78	0.70	ppb
Cadmium	108-1	501.86	509.42	507.32	506.20	0.77	ppb
Calcium	43-1	245084.19	241175.75	243749.15	243336.36	0.82	ppb
Calcium	44-1	243867.62	240353.60	242969.82	242397.01	0.75	ppb
Chromium	52-2	504.49	509.48	501.82	505.26	0.77	ppb
Cobalt	59-2	492.12	490.44	485.65	489.40	0.69	ppb
Copper	63-2	936.82	939.90	927.74	934.82	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				114		%
Holmium	165-2				110		%
Indium	115-1				112		%
Indium	115-2				111		%
Iron	56-2	127628.43	127866.78	126021.55	127172.25	0.79	ppb
Iron	57-2	126451.95	126534.36	125744.58	126243.63	0.34	ppb
Lead	206-1	505.60	510.29	511.87	509.25	0.64	ppb
Lead	207-1	509.83	512.95	512.83	511.87	0.35	ppb
Lead	208-1	508.61	511.29	513.65	511.18	0.49	ppb
Lithium	6-1				95		%
Magnesium	24-2	252410.67	251698.67	250242.24	251450.53	0.44	ppb
Manganese	55-2	991.71	996.44	987.66	991.94	0.44	ppb

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	CCV63	Instrumnet Name :	P7
Client Sample ID :	CCV63	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 19:00:42	DataFile Name :	038CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2472.86	2480.97	2496.88	2483.57	0.49	ppb
Molybdenum	95-1	2476.60	2484.82	2489.22	2483.54	0.26	ppb
Molybdenum	96-1	2486.81	2492.74	2507.83	2495.79	0.43	ppb
Molybdenum	97-1	2469.32	2484.00	2501.09	2484.80	0.64	ppb
Molybdenum	98-1	2481.74	2484.79	2491.96	2486.16	0.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	487.95	485.96	482.73	485.55	0.54	ppb
Phosphorus	31-2	9530.95	9666.32	9779.93	9659.07	1.29	ppb
Potassium	39-2	125704.94	126901.44	125390.32	125998.90	0.63	ppb
Rhodium	103-1				110		%
Rhodium	103-2				108		%
Scandium	45-1				117		%
Scandium	45-2				124		%
Selenium	77-2	474.42	496.07	472.75	481.08	2.70	ppb
Selenium	78-2	485.70	486.06	477.73	483.17	0.97	ppb
Selenium	82-1	464.27	462.47	473.24	466.66	1.24	ppb
Silicon	28-1	539.31	547.89	560.68	549.29	1.96	ppb
Silver	109-1	501.10	501.52	502.81	501.81	0.18	ppb
Silver	107-1	503.31	504.74	503.88	503.98	0.14	ppb
Sodium	23-2	253575.79	256772.23	252695.88	254347.97	0.84	ppb
Strontium	86-1	493.43	489.18	499.40	494.00	1.04	ppb
Strontium	88-1	499.11	495.25	501.48	498.61	0.63	ppb
Sulfur	34-1	8982.94	8631.40	8646.86	8753.73	2.27	ppb
Terbium	159-1				113		%
Terbium	159-2				110		%
Thallium	203-1	505.85	502.32	509.42	505.86	0.70	ppb
Thallium	205-1	503.18	503.76	514.06	507.00	1.21	ppb
Tin	118-1	516.51	514.41	513.14	514.69	0.33	ppb
Titanium	47-1	2482.31	2454.14	2477.95	2471.46	0.61	ppb
Uranium	238-1	486.78	488.64	495.90	490.44	0.98	ppb
Vanadium	51-2	495.39	496.29	494.87	495.52	0.14	ppb
Yttrium	89-1				120		%
Yttrium	89-2				122		%
Zinc	66-2	909.63	911.35	896.77	905.91	0.88	ppb
Zirconium	90-1	499.89	495.20	499.58	498.22	0.53	ppb

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	CCV63	Instrumnet Name :	P7
Client Sample ID :	CCV63	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 19:00:42	DataFile Name :	038CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	483.17	486.21	493.39	487.59	1.08	ppb

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	CCB63	Instrumnet Name :	P7
Client Sample ID :	CCB63	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 19:04:25	DataFile Name :	039CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.05	1.36	1.46	1.62	23.09	ppb
Antimony	121-1	0.35	0.33	0.35	0.34	3.61	ppb
Arsenic	75-2	0.04	0.06	0.04	0.05	31.46	ppb
Barium	135-1	0.07	0.08	0.08	0.08	8.10	ppb
Barium	137-1	0.05	0.08	0.08	0.07	22.56	ppb
Beryllium	9-1	0.05	0.04	0.05	0.04	9.28	ppb
Bismuth	209-1				108		%
Bismuth	209-2				106		%
Boron	10-1	15.23	15.14	11.99	14.12	13.05	ppb
Boron	11-1	16.17	14.10	12.74	14.34	12.05	ppb
Cadmium	111-1	0.11	0.07	0.10	0.09	20.66	ppb
Cadmium	106-1	0.98	0.57	0.98	0.84	28.45	ppb
Cadmium	108-1	0.07	0.09	0.04	0.07	33.56	ppb
Calcium	43-1	4.77	6.77	6.10	5.88	17.31	ppb
Calcium	44-1	9.67	11.11	10.35	10.38	6.93	ppb
Chromium	52-2	0.05	0.03	0.04	0.04	23.64	ppb
Cobalt	59-2	0.01	0.00	0.01	0.01	54.91	ppb
Copper	63-2	0.49	0.42	0.55	0.49	14.03	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				117		%
Holmium	165-2				114		%
Indium	115-1				122		%
Indium	115-2				122		%
Iron	56-2	3.50	3.47	4.00	3.65	8.09	ppb
Iron	57-2	2.93	3.74	3.04	3.24	13.69	ppb
Lead	206-1	0.07	0.08	0.09	0.08	13.08	ppb
Lead	207-1	0.07	0.07	0.09	0.08	10.03	ppb
Lead	208-1	0.07	0.08	0.09	0.08	8.10	ppb
Lithium	6-1				103		%
Magnesium	24-2	5.90	5.72	6.92	6.18	10.49	ppb
Manganese	55-2	0.05	0.03	0.04	0.04	31.64	ppb

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	CCB63	Instrumnet Name :	P7
Client Sample ID :	CCB63	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 19:04:25	DataFile Name :	039CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.33	0.24	0.05	0.21	66.90	ppb
Molybdenum	95-1	1.29	1.16	0.95	1.13	15.12	ppb
Molybdenum	96-1	1.20	1.05	0.91	1.05	14.03	ppb
Molybdenum	97-1	1.31	1.07	0.94	1.11	17.40	ppb
Molybdenum	98-1	1.28	1.10	0.98	1.12	13.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.01	0.02	0.02	58.26	ppb
Phosphorus	31-2	-18.03	-18.28	-21.83	-19.38		ppb
Potassium	39-2	15.66	16.11	17.34	16.37	5.32	ppb
Rhodium	103-1				123		%
Rhodium	103-2				123		%
Scandium	45-1				122		%
Scandium	45-2				128		%
Selenium	77-2	0.50	0.00	0.00	0.17	173.21	ppb
Selenium	78-2	0.08	-0.30	-0.09	-0.10		ppb
Selenium	82-1	0.19	0.11	0.00	0.10	97.45	ppb
Silicon	28-1	1.73	0.69	0.78	1.06	54.31	ppb
Silver	109-1	0.08	0.08	0.05	0.07	22.87	ppb
Silver	107-1	0.08	0.08	0.06	0.07	16.35	ppb
Sodium	23-2	40.74	40.83	39.97	40.51	1.17	ppb
Strontium	86-1	0.00	0.04	0.00	0.01	168.96	ppb
Strontium	88-1	0.02	0.01	0.01	0.02	9.70	ppb
Sulfur	34-1	-2181.61	-2184.65	-2129.99	-2165.42		ppb
Terbium	159-1				117		%
Terbium	159-2				114		%
Thallium	203-1	0.11	0.09	0.07	0.09	20.00	ppb
Thallium	205-1	0.10	0.09	0.08	0.09	10.87	ppb
Tin	118-1	0.35	0.23	0.20	0.26	29.47	ppb
Titanium	47-1	0.12	0.12	0.12	0.12	1.60	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	6.67	ppb
Vanadium	51-2	0.01	0.02	0.01	0.01	26.07	ppb
Yttrium	89-1				126		%
Yttrium	89-2				128		%
Zinc	66-2	0.28	0.28	0.49	0.35	34.50	ppb
Zirconium	90-1	0.05	0.04	0.04	0.04	7.11	ppb

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	CCB63	Instrumnet Name :	P7
Client Sample ID :	CCB63	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 19:04:25	DataFile Name :	039CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.07	0.04	0.04	0.05	40.25	ppb

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 16:48:20	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	42	50	64	49.38	cps
Antimony	121-1	108	83	125	106	19.87	cps
Arsenic	75-2	15	2	2	6	121.27	cps
Barium	135-1	0	33	50	28	91.65	cps
Barium	137-1	17	25	33	25	33.32	cps
Beryllium	9-1	22	44	22	30	43.32	cps
Bismuth	209-1	13964663	13993706	14081040	14013136	0.43	cps
Bismuth	209-2	7705245	7701776	7741113	7716045	0.28	cps
Boron	10-1	250	275	217	247	11.84	cps
Boron	11-1	1383	1167	1217	1256	9.04	cps
Cadmium	111-1	4458	4411	4394	4421	0.75	cps
Cadmium	106-1	6377	6310	6293	6327	0.70	cps
Cadmium	108-1	8	8	17	11	43.34	cps
Calcium	43-1	167	233	258	219	21.59	cps
Calcium	44-1	9554	10613	10337	10168	5.40	cps
Chromium	52-2	503	690	677	623	16.71	cps
Cobalt	59-2	97	103	57	86	29.50	cps
Copper	63-2	610	660	700	657	6.87	cps
Dysprosium	156-1	8	8	25	14	69.31	cps
Dysprosium	156-2	3	7	7	6	34.70	cps
Erbium	164-1	50	92	1030	391	141.89	cps
Erbium	164-2	30	47	13	30	55.57	cps
Gadolinium	160-1	108	183	175	156	26.43	cps
Gadolinium	160-2	400	347	373	373	7.14	cps
Holmium	165-1	20270235	20425713	20450929	20382293	0.48	cps
Holmium	165-2	10130770	10128180	10127736	10128895	0.02	cps
Indium	115-1	15552577	15610754	15503054	15555462	0.35	cps
Indium	115-2	3078992	3044842	3073426	3065753	0.60	cps
Iron	56-2	4990	5458	4912	5120	5.76	cps
Iron	57-2	344	322	278	315	10.78	cps
Lead	206-1	222	217	317	252	22.32	cps
Lead	207-1	261	250	222	244	8.19	cps
Lead	208-1	1056	961	1150	1056	8.95	cps
Lithium	6-1	4835392	4834810	4887797	4852666	0.63	cps
Magnesium	24-2	125	142	158	142	11.76	cps
Manganese	55-2	63	80	70	71	11.80	cps

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 16:48:20	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	542	9776	483	3600	148.55	cps
Molybdenum	95-1	92	83	75	83	10.00	cps
Molybdenum	96-1	125	192	150	156	21.65	cps
Molybdenum	97-1	125	67	42	78	54.98	cps
Molybdenum	98-1	125	75	92	97	26.19	cps
Neodymium	150-1	13	0	7	7	99.98	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	63	93	103	87	24.02	cps
Phosphorus	31-2	508	592	525	542	8.14	cps
Potassium	39-2	30257	30090	29230	29859	1.85	cps
Rhodium	103-1	14227323	14281011	14213481	14240605	0.25	cps
Rhodium	103-2	7054299	7020017	7033240	7035852	0.25	cps
Scandium	45-1	9636127	9675501	9651062	9654230	0.21	cps
Scandium	45-2	439095	440392	439141	439543	0.17	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	69	70	100	80	22.18	cps
Selenium	82-1	41	53	69	54	25.97	cps
Silicon	28-1	301641	303532	301417	302197	0.38	cps
Silver	109-1	50	33	58	47	26.97	cps
Silver	107-1	133	158	58	117	44.60	cps
Sodium	23-2	8795	8645	8619	8686	1.09	cps
Strontium	86-1	933	892	800	875	7.80	cps
Strontium	88-1	183	142	167	164	12.80	cps
Sulfur	34-1	548028	553494	554077	551866	0.60	cps
Terbium	159-1	20635713	20767718	20682975	20695469	0.32	cps
Terbium	159-2	10074274	10065018	10130842	10090044	0.35	cps
Thallium	203-1	42	108	58	69	49.96	cps
Thallium	205-1	183	133	142	153	17.53	cps
Tin	118-1	1050	1067	1150	1089	4.92	cps
Titanium	47-1	50	158	108	106	51.37	cps
Uranium	238-1	33	25	25	28	17.31	cps
Vanadium	51-2	0	13	7	7	99.98	cps
Yttrium	89-1	15416377	15528966	15463444	15469596	0.37	cps
Yttrium	89-2	2242609	2241373	2260314	2248099	0.47	cps
Zinc	66-2	2010	1997	1947	1985	1.68	cps
Zirconium	90-1	1133	1342	1458	1311	12.56	cps

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 16:48:20	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	225	242	317	261	18.70	cps

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 16:56:46	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2642	2600	2650	2631	1.02	cps
Antimony	121-1	21818	23328	22135	22427	3.55	cps
Arsenic	75-2	422	430	474	442	6.35	cps
Barium	135-1	28129	27895	27545	27857	1.06	cps
Barium	137-1	49481	48853	49406	49247	0.70	cps
Beryllium	9-1	3112	3134	2984	3076	2.63	cps
Bismuth	209-1	14099623	14049681	14066353	14071886	0.18	cps
Bismuth	209-2	7796397	7778261	7848311	7807656	0.47	cps
Boron	10-1	10646	10537	10146	10443	2.52	cps
Boron	11-1	48729	49173	50879	49594	2.29	cps
Cadmium	111-1	7495	7977	7955	7809	3.48	cps
Cadmium	106-1	6435	7486	7194	7038	7.70	cps
Cadmium	108-1	246	233	188	222	13.82	cps
Calcium	43-1	17745	17544	17369	17553	1.07	cps
Calcium	44-1	289595	294044	291998	291879	0.76	cps
Chromium	52-2	8946	8933	8579	8819	2.36	cps
Cobalt	59-2	6188	6255	6415	6286	1.85	cps
Copper	63-2	9870	10197	10037	10035	1.63	cps
Dysprosium	156-1	8	0	17	8	100.02	cps
Dysprosium	156-2	7	17	3	9	78.08	cps
Erbium	164-1	108	83	50	81	36.33	cps
Erbium	164-2	60	50	50	53	10.83	cps
Gadolinium	160-1	75	192	100	122	50.25	cps
Gadolinium	160-2	337	323	380	347	8.55	cps
Holmium	165-1	20747975	20731922	20764448	20748115	0.08	cps
Holmium	165-2	10458792	10450463	10550675	10486644	0.53	cps
Indium	115-1	15862638	15837784	15822945	15841122	0.13	cps
Indium	115-2	3176050	3151952	3221049	3183017	1.10	cps
Iron	56-2	167633	166981	168465	167693	0.44	cps
Iron	57-2	4506	4484	4395	4462	1.32	cps
Lead	206-1	11116	11127	11094	11112	0.15	cps
Lead	207-1	9581	9926	9643	9717	1.89	cps
Lead	208-1	43868	44486	44024	44126	0.73	cps
Lithium	6-1	4932739	4976144	4925356	4944747	0.55	cps
Magnesium	24-2	150237	151517	151989	151248	0.60	cps
Manganese	55-2	2334	2470	2390	2398	2.86	cps

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 16:56:46	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	23620	24196	23595	23804	1.43	cps
Molybdenum	95-1	27803	28179	28947	28310	2.06	cps
Molybdenum	96-1	31402	32914	32830	32382	2.62	cps
Molybdenum	97-1	18012	17912	18655	18193	2.22	cps
Molybdenum	98-1	46168	46552	46669	46463	0.56	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	2024	1840	1974	1946	4.87	cps
Phosphorus	31-2	558	425	442	475	15.30	cps
Potassium	39-2	163364	166432	167073	165623	1.20	cps
Rhodium	103-1	14568414	14544526	14570381	14561107	0.10	cps
Rhodium	103-2	7328580	7345976	7385021	7353192	0.39	cps
Scandium	45-1	9833552	9870112	9801420	9835028	0.35	cps
Scandium	45-2	459335	457147	459722	458735	0.30	cps
Selenium	77-2	70	63	50	61	16.66	cps
Selenium	78-2	250	289	250	263	8.54	cps
Selenium	82-1	1223	1110	1187	1173	4.92	cps
Silicon	28-1	427710	425336	428556	427201	0.39	cps
Silver	109-1	14283	14416	14733	14477	1.60	cps
Silver	107-1	15534	16052	15593	15726	1.80	cps
Sodium	23-2	296230	295896	295550	295892	0.11	cps
Strontium	86-1	4334	4493	4876	4568	6.10	cps
Strontium	88-1	33248	32530	32262	32680	1.56	cps
Sulfur	34-1	559721	562739	566489	562983	0.60	cps
Terbium	159-1	21070245	21083042	21034225	21062504	0.12	cps
Terbium	159-2	10412138	10353863	10479388	10415129	0.60	cps
Thallium	203-1	12314	12840	13049	12734	2.97	cps
Thallium	205-1	31405	30946	30995	31115	0.81	cps
Tin	118-1	49221	48945	49806	49324	0.89	cps
Titanium	47-1	8244	8319	8428	8330	1.11	cps
Uranium	238-1	44912	45580	46083	45525	1.29	cps
Vanadium	51-2	14714	14858	14350	14641	1.79	cps
Yttrium	89-1	15778824	15911797	15791894	15827505	0.46	cps
Yttrium	89-2	2364457	2366994	2392784	2374745	0.66	cps
Zinc	66-2	4164	3977	4237	4126	3.25	cps
Zirconium	90-1	20983	20858	21483	21108	1.57	cps

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 16:56:46	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	5059	4784	4901	4915	2.81	cps

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 17:00:40	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	132441	135290	134753	134161	1.13	cps
Antimony	121-1	618162	614952	615908	616341	0.27	cps
Arsenic	75-2	22132	22252	21854	22079	0.93	cps
Barium	135-1	768387	767392	769908	768563	0.16	cps
Barium	137-1	1337628	1333111	1336073	1335604	0.17	cps
Beryllium	9-1	164677	163998	162162	163612	0.80	cps
Bismuth	209-1	14203166	14235259	14169116	14202513	0.23	cps
Bismuth	209-2	7971796	7949068	7924057	7948307	0.30	cps
Boron	10-1	21866	22192	22910	22323	2.39	cps
Boron	11-1	105056	104535	105474	105022	0.45	cps
Cadmium	111-1	178864	180682	177159	178901	0.98	cps
Cadmium	106-1	26317	26743	25691	26250	2.02	cps
Cadmium	108-1	13327	13415	13632	13458	1.16	cps
Calcium	43-1	191932	193347	191406	192228	0.52	cps
Calcium	44-1	3091771	3067990	3052660	3070807	0.64	cps
Chromium	52-2	203071	205057	203491	203873	0.51	cps
Cobalt	59-2	335766	336760	337089	336538	0.20	cps
Copper	63-2	485563	482811	488478	485617	0.58	cps
Dysprosium	156-1	25	17	17	19	24.73	cps
Dysprosium	156-2	37	13	10	20	72.66	cps
Erbium	164-1	58	67	83	69	18.33	cps
Erbium	164-2	20	30	47	32	41.81	cps
Gadolinium	160-1	175	158	217	183	16.39	cps
Gadolinium	160-2	300	303	267	290	6.99	cps
Holmium	165-1	21156209	21171180	21070854	21132748	0.26	cps
Holmium	165-2	10699656	10701434	10744141	10715077	0.24	cps
Indium	115-1	15922811	15962802	15915898	15933837	0.16	cps
Indium	115-2	3226188	3220723	3252149	3233020	0.52	cps
Iron	56-2	8528447	8524157	8560710	8537771	0.23	cps
Iron	57-2	214574	214763	213541	214293	0.31	cps
Lead	206-1	565875	565030	568584	566496	0.33	cps
Lead	207-1	509992	513431	510758	511394	0.35	cps
Lead	208-1	2297792	2299212	2295354	2297452	0.08	cps
Lithium	6-1	5003409	4992073	4914441	4969974	0.97	cps
Magnesium	24-2	1669357	1663388	1672833	1668526	0.29	cps
Manganese	55-2	235861	236852	236229	236314	0.21	cps

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 17:00:40	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1259034	1253981	1247791	1253602	0.45	cps
Molybdenum	95-1	1518542	1522753	1530396	1523897	0.39	cps
Molybdenum	96-1	1687025	1691513	1683182	1687240	0.25	cps
Molybdenum	97-1	959970	960984	952271	957742	0.50	cps
Molybdenum	98-1	2484883	2491332	2474204	2483473	0.35	cps
Neodymium	150-1	87	67	47	67	30.00	cps
Neodymium	150-2	3	13	3	7	86.65	cps
Nickel	60-2	91238	89886	91688	90938	1.03	cps
Phosphorus	31-2	8469	8378	8319	8389	0.90	cps
Potassium	39-2	764645	762626	769982	765751	0.50	cps
Rhodium	103-1	14627403	14706385	14541739	14625176	0.56	cps
Rhodium	103-2	7426435	7414041	7486442	7442306	0.52	cps
Scandium	45-1	9997072	9963362	9849921	9936785	0.78	cps
Scandium	45-2	465569	467475	470864	467969	0.57	cps
Selenium	77-2	537	590	560	562	4.75	cps
Selenium	78-2	2100	2100	1987	2063	3.16	cps
Selenium	82-1	12362	12393	12388	12381	0.13	cps
Silicon	28-1	780970	788024	785178	784724	0.45	cps
Silver	109-1	787074	790667	785513	787751	0.34	cps
Silver	107-1	816771	824904	824819	822165	0.57	cps
Sodium	23-2	3103368	3095723	3130694	3109928	0.59	cps
Strontium	86-1	196162	199747	197607	197838	0.91	cps
Strontium	88-1	1692567	1708548	1694290	1698468	0.52	cps
Sulfur	34-1	633854	639281	635669	636268	0.43	cps
Terbium	159-1	21328526	21537831	21302043	21389467	0.60	cps
Terbium	159-2	10620404	10609682	10663174	10631087	0.27	cps
Thallium	203-1	688670	695417	689915	691334	0.52	cps
Thallium	205-1	1644736	1654785	1650334	1649952	0.31	cps
Tin	118-1	530022	530694	526743	529153	0.40	cps
Titanium	47-1	436735	433473	426323	432177	1.23	cps
Uranium	238-1	2426748	2439074	2412302	2426042	0.55	cps
Vanadium	51-2	159855	159844	161401	160367	0.56	cps
Yttrium	89-1	16082557	16072424	15974976	16043319	0.37	cps
Yttrium	89-2	2439612	2434067	2439811	2437830	0.13	cps
Zinc	66-2	81945	82183	81627	81918	0.34	cps
Zirconium	90-1	1027077	1040242	1033348	1033556	0.64	cps

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 17:00:40	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	231814	229705	230723	230747	0.46	cps

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 17:04:50	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	332829	332234	336089	333717	0.62	cps
Antimony	121-1	1543353	1556212	1557194	1552253	0.50	cps
Arsenic	75-2	54353	54833	55018	54735	0.63	cps
Barium	135-1	1928106	1937700	1934455	1933420	0.25	cps
Barium	137-1	3331777	3340933	3369758	3347489	0.59	cps
Beryllium	9-1	404478	399327	405382	403062	0.81	cps
Bismuth	209-1	14276896	14497771	14234714	14336461	0.99	cps
Bismuth	209-2	7898156	7888057	7984435	7923549	0.67	cps
Boron	10-1	55913	55980	56557	56150	0.63	cps
Boron	11-1	266808	262588	267887	265761	1.05	cps
Cadmium	111-1	445249	443865	445128	444747	0.17	cps
Cadmium	106-1	56271	55066	55836	55724	1.10	cps
Cadmium	108-1	32788	33285	33532	33202	1.14	cps
Calcium	43-1	477545	482696	486530	482257	0.93	cps
Calcium	44-1	7751086	7813018	7774308	7779471	0.40	cps
Chromium	52-2	502437	510058	507050	506515	0.76	cps
Cobalt	59-2	830917	834299	839098	834772	0.49	cps
Copper	63-2	1200364	1211247	1202445	1204686	0.48	cps
Dysprosium	156-1	50	33	25	36	35.25	cps
Dysprosium	156-2	37	37	37	37	0.00	cps
Erbium	164-1	33	83	67	61	41.67	cps
Erbium	164-2	27	40	40	36	21.64	cps
Gadolinium	160-1	158	167	242	189	24.30	cps
Gadolinium	160-2	347	340	347	344	1.12	cps
Holmium	165-1	21368395	21614346	21533379	21505373	0.58	cps
Holmium	165-2	10750877	10859982	10842088	10817649	0.54	cps
Indium	115-1	16207439	16341196	15986638	16178424	1.11	cps
Indium	115-2	3210700	3215299	3223326	3216441	0.20	cps
Iron	56-2	21111407	21262724	21282719	21218950	0.44	cps
Iron	57-2	531417	537842	533049	534103	0.63	cps
Lead	206-1	1423938	1417928	1426640	1422835	0.31	cps
Lead	207-1	1276640	1288651	1288316	1284536	0.53	cps
Lead	208-1	5757728	5759353	5792815	5769965	0.34	cps
Lithium	6-1	4951592	4977660	4952653	4960635	0.30	cps
Magnesium	24-2	4127637	4155509	4210696	4164614	1.02	cps
Manganese	55-2	588102	590934	589045	589360	0.24	cps

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 17:04:50	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3140613	3137641	3164717	3147657	0.47	cps
Molybdenum	95-1	3874307	3861281	3892884	3876157	0.41	cps
Molybdenum	96-1	4286502	4307793	4322906	4305734	0.42	cps
Molybdenum	97-1	2390762	2385927	2402396	2393029	0.35	cps
Molybdenum	98-1	6289853	6311572	6306139	6302521	0.18	cps
Neodymium	150-1	187	93	200	160	36.32	cps
Neodymium	150-2	10	10	13	11	17.30	cps
Nickel	60-2	223770	226569	226850	225730	0.75	cps
Phosphorus	31-2	19346	20273	19805	19808	2.34	cps
Potassium	39-2	1830161	1866248	1872461	1856290	1.23	cps
Rhodium	103-1	14660550	14887159	14785855	14777855	0.77	cps
Rhodium	103-2	7388567	7423556	7408632	7406919	0.24	cps
Scandium	45-1	10074524	10255450	9934416	10088130	1.60	cps
Scandium	45-2	462204	468449	469870	466841	0.87	cps
Selenium	77-2	1533	1473	1493	1500	2.04	cps
Selenium	78-2	4986	5134	5029	5050	1.51	cps
Selenium	82-1	31357	31208	31461	31342	0.40	cps
Silicon	28-1	1489121	1486495	1495453	1490356	0.31	cps
Silver	109-1	1964462	1975713	1984208	1974794	0.50	cps
Silver	107-1	2041652	2059073	2060716	2053814	0.51	cps
Sodium	23-2	7652712	7730812	7755624	7713050	0.70	cps
Strontium	86-1	492679	499319	502994	498331	1.05	cps
Strontium	88-1	4294698	4301513	4319215	4305142	0.29	cps
Sulfur	34-1	734676	737072	736283	736011	0.17	cps
Terbium	159-1	21892475	21985755	21716946	21865059	0.62	cps
Terbium	159-2	10647053	10722441	10759106	10709533	0.53	cps
Thallium	203-1	1737092	1731008	1745451	1737850	0.42	cps
Thallium	205-1	4116121	4079295	4079479	4091632	0.52	cps
Tin	118-1	1313139	1328542	1325513	1322398	0.62	cps
Titanium	47-1	1096978	1095654	1100963	1097865	0.25	cps
Uranium	238-1	6182986	6134696	6244828	6187503	0.89	cps
Vanadium	51-2	400307	403871	403587	402588	0.49	cps
Yttrium	89-1	16208859	16387629	16241423	16279304	0.58	cps
Yttrium	89-2	2428444	2444234	2452979	2441886	0.51	cps
Zinc	66-2	191466	194472	194787	193575	0.95	cps
Zirconium	90-1	2614913	2607042	2634868	2618941	0.55	cps

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 17:04:50	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	587835	586136	593072	589014	0.61	cps

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 17:09:05	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	662458	669670	673079	668402	0.81	cps
Antimony	121-1	3021336	3036105	3046818	3034753	0.42	cps
Arsenic	75-2	108236	108797	109920	108985	0.79	cps
Barium	135-1	3809759	3775705	3819292	3801585	0.60	cps
Barium	137-1	6581102	6540536	6615736	6579125	0.57	cps
Beryllium	9-1	776073	775853	781957	777961	0.45	cps
Bismuth	209-1	14081854	14076990	14088051	14082299	0.04	cps
Bismuth	209-2	7872047	7918087	7877517	7889217	0.32	cps
Boron	10-1	105172	107321	109453	107315	1.99	cps
Boron	11-1	492127	500203	516536	502955	2.47	cps
Cadmium	111-1	844871	846724	857755	849783	0.82	cps
Cadmium	106-1	98155	97602	100002	98586	1.27	cps
Cadmium	108-1	63835	66024	63759	64539	1.99	cps
Calcium	43-1	919517	919870	929694	923027	0.63	cps
Calcium	44-1	15039685	14998505	15078861	15039017	0.27	cps
Chromium	52-2	998002	1002266	1010893	1003720	0.65	cps
Cobalt	59-2	1645563	1635324	1643067	1641318	0.33	cps
Copper	63-2	2343368	2359736	2349004	2350703	0.35	cps
Dysprosium	156-1	108	33	83	75	50.92	cps
Dysprosium	156-2	50	77	47	58	28.46	cps
Erbium	164-1	67	75	117	86	31.11	cps
Erbium	164-2	33	37	53	41	26.06	cps
Gadolinium	160-1	133	217	142	164	28.01	cps
Gadolinium	160-2	363	347	327	346	5.31	cps
Holmium	165-1	21241780	21353540	21408769	21334696	0.40	cps
Holmium	165-2	10862688	10897487	10921351	10893842	0.27	cps
Indium	115-1	15662224	15814486	15803666	15760125	0.54	cps
Indium	115-2	3219065	3191763	3227519	3212782	0.58	cps
Iron	56-2	41873145	42312861	42417658	42201221	0.68	cps
Iron	57-2	1045231	1051431	1055560	1050741	0.49	cps
Lead	206-1	2717862	2742203	2779510	2746525	1.13	cps
Lead	207-1	2464099	2482671	2491129	2479300	0.56	cps
Lead	208-1	11146905	11191718	11228697	11189107	0.37	cps
Lithium	6-1	4847773	4867605	4803958	4839778	0.67	cps
Magnesium	24-2	8218754	8219177	8274831	8237587	0.39	cps
Manganese	55-2	1159360	1168489	1176753	1168201	0.74	cps

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 17:09:05	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6174363	6179070	6219996	6191143	0.41	cps
Molybdenum	95-1	7603203	7625183	7625157	7617848	0.17	cps
Molybdenum	96-1	8474685	8436759	8459756	8457067	0.23	cps
Molybdenum	97-1	4690599	4683361	4745521	4706494	0.72	cps
Molybdenum	98-1	12319215	12315265	12415479	12349986	0.46	cps
Neodymium	150-1	260	280	307	282	8.30	cps
Neodymium	150-2	27	17	43	29	46.62	cps
Nickel	60-2	441292	439978	443195	441488	0.37	cps
Phosphorus	31-2	38350	38910	39411	38891	1.36	cps
Potassium	39-2	3608570	3609292	3628376	3615413	0.31	cps
Rhodium	103-1	14334953	14317484	14429960	14360799	0.42	cps
Rhodium	103-2	7374990	7331424	7368429	7358281	0.32	cps
Scandium	45-1	9776079	9852953	9893360	9840798	0.61	cps
Scandium	45-2	468666	466524	470425	468538	0.42	cps
Selenium	77-2	2930	3000	3007	2979	1.43	cps
Selenium	78-2	9798	9790	9542	9710	1.50	cps
Selenium	82-1	60450	60389	60587	60475	0.17	cps
Silicon	28-1	2697564	2713361	2751146	2720690	1.01	cps
Silver	109-1	3774035	3801018	3810408	3795154	0.50	cps
Silver	107-1	3943193	3978681	3965263	3962379	0.45	cps
Sodium	23-2	15192077	15257572	15319098	15256249	0.42	cps
Strontium	86-1	964266	967666	971942	967958	0.40	cps
Strontium	88-1	8502959	8483836	8480837	8489211	0.14	cps
Sulfur	34-1	886601	879962	881145	882570	0.40	cps
Terbium	159-1	21442176	21726884	21769512	21646191	0.82	cps
Terbium	159-2	10865838	10848439	10789105	10834460	0.37	cps
Thallium	203-1	3402483	3409577	3440499	3417520	0.59	cps
Thallium	205-1	7976569	8115954	8166760	8086428	1.22	cps
Tin	118-1	2517006	2547614	2561496	2542038	0.90	cps
Titanium	47-1	2113890	2122719	2150088	2128899	0.89	cps
Uranium	238-1	12177316	12309407	12291853	12259525	0.59	cps
Vanadium	51-2	790797	795834	798530	795054	0.49	cps
Yttrium	89-1	16111556	16022525	15995580	16043220	0.38	cps
Yttrium	89-2	2443922	2443225	2451859	2446335	0.20	cps
Zinc	66-2	362233	364867	363426	363509	0.36	cps
Zirconium	90-1	5130069	5097915	5120967	5116317	0.32	cps

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 17:09:05	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1144571	1138261	1153226	1145353	0.66	cps

LB Number : LB97328 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P7
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-15 17:12:51 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1329250	1318361	1323296	1323636	0.41	cps
Antimony	121-1	6116123	6118786	6159075	6131328	0.39	cps
Arsenic	75-2	216946	219707	220078	218910	0.78	cps
Barium	135-1	7593037	7638695	7628767	7620166	0.32	cps
Barium	137-1	13272666	13277418	13345054	13298380	0.30	cps
Beryllium	9-1	1481121	1507444	1499080	1495882	0.90	cps
Bismuth	209-1	14265085	14088916	14262065	14205355	0.71	cps
Bismuth	209-2	7753787	7881986	7879104	7838292	0.93	cps
Boron	10-1	204660	206551	212440	207884	1.95	cps
Boron	11-1	950900	976240	992650	973263	2.16	cps
Cadmium	111-1	1664153	1683381	1684142	1677225	0.68	cps
Cadmium	106-1	191595	191781	193950	192442	0.68	cps
Cadmium	108-1	127244	127954	128929	128043	0.66	cps
Calcium	43-1	1840104	1866143	1843703	1849984	0.76	cps
Calcium	44-1	29982612	30324790	30195737	30167713	0.57	cps
Chromium	52-2	2022972	2030950	2041029	2031650	0.45	cps
Cobalt	59-2	3263735	3284809	3268001	3272182	0.34	cps
Copper	63-2	4668422	4694299	4661143	4674621	0.37	cps
Dysprosium	156-1	83	75	150	103	40.00	cps
Dysprosium	156-2	157	93	107	119	28.08	cps
Erbium	164-1	67	58	83	69	18.33	cps
Erbium	164-2	23	73	43	47	53.93	cps
Gadolinium	160-1	175	108	275	186	45.07	cps
Gadolinium	160-2	263	290	353	302	15.30	cps
Holmium	165-1	21951662	21819792	21814334	21861929	0.36	cps
Holmium	165-2	10863248	11102614	11093025	11019629	1.23	cps
Indium	115-1	15805093	15955675	15977073	15912614	0.59	cps
Indium	115-2	3169060	3232365	3242411	3214612	1.24	cps
Iron	56-2	85025991	85121069	85394305	85180455	0.22	cps
Iron	57-2	2102349	2119753	2105460	2109187	0.44	cps
Lead	206-1	5581151	5574246	5566783	5574060	0.13	cps
Lead	207-1	5068976	4981272	5020295	5023514	0.87	cps
Lead	208-1	22661192	22456899	22517207	22545099	0.47	cps
Lithium	6-1	4762337	4776205	4726280	4754940	0.54	cps
Magnesium	24-2	16570794	16440416	16405210	16472140	0.53	cps
Manganese	55-2	2336760	2341314	2336062	2338045	0.12	cps

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 17:12:51	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	12516904	12551450	12645681	12571345	0.53	cps
Molybdenum	95-1	15478299	15386663	15607321	15490761	0.72	cps
Molybdenum	96-1	17096406	17170144	17230454	17165668	0.39	cps
Molybdenum	97-1	9506020	9562835	9602991	9557282	0.51	cps
Molybdenum	98-1	24918247	25009044	25080538	25002610	0.33	cps
Neodymium	150-1	433	620	600	551	18.60	cps
Neodymium	150-2	70	57	63	63	10.52	cps
Nickel	60-2	880323	882553	880413	881096	0.14	cps
Phosphorus	31-2	76287	77292	77385	76988	0.79	cps
Potassium	39-2	7232324	7275129	7296925	7268126	0.45	cps
Rhodium	103-1	14339445	14429694	14346428	14371855	0.35	cps
Rhodium	103-2	7216905	7410138	7400418	7342487	1.48	cps
Scandium	45-1	9840368	9883525	9866082	9863325	0.22	cps
Scandium	45-2	462651	473192	475071	470305	1.42	cps
Selenium	77-2	5808	6031	5711	5850	2.81	cps
Selenium	78-2	19528	19706	19804	19679	0.71	cps
Selenium	82-1	118852	119730	120149	119577	0.55	cps
Silicon	28-1	4818648	4878973	4910602	4869408	0.96	cps
Silver	109-1	7547912	7559472	7593101	7566829	0.31	cps
Silver	107-1	7881670	7908583	7936429	7908894	0.35	cps
Sodium	23-2	30534232	30531273	30403909	30489805	0.24	cps
Strontium	86-1	1930829	1940533	1964100	1945154	0.88	cps
Strontium	88-1	17123824	17108499	17172060	17134794	0.19	cps
Sulfur	34-1	1183745	1180675	1175636	1180019	0.35	cps
Terbium	159-1	22299102	22079601	22006871	22128525	0.69	cps
Terbium	159-2	10747051	10977419	10984887	10903119	1.24	cps
Thallium	203-1	6842686	6829944	6859658	6844096	0.22	cps
Thallium	205-1	16260154	16206031	16153893	16206693	0.33	cps
Tin	118-1	5180832	5258799	5227665	5222432	0.75	cps
Titanium	47-1	4223032	4267785	4213787	4234868	0.68	cps
Uranium	238-1	24630426	24578538	24999483	24736149	0.93	cps
Vanadium	51-2	1598377	1598275	1617699	1604784	0.70	cps
Yttrium	89-1	16210736	16334578	16515853	16353722	0.94	cps
Yttrium	89-2	2432447	2487055	2507362	2475621	1.57	cps
Zinc	66-2	689235	689227	691511	689991	0.19	cps
Zirconium	90-1	10305391	10362053	10453235	10373559	0.72	cps

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 17:12:51	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2284183	2301116	2311627	2298975	0.60	cps

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 17:16:37	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2696212	2706061	2699704	2700659	0.18	cps
Antimony	121-1	12563048	12601877	12626223	12597049	0.25	cps
Arsenic	75-2	446311	449177	449953	448480	0.43	cps
Barium	135-1	15716095	15917830	15929564	15854496	0.76	cps
Barium	137-1	27185453	27537388	27522110	27414984	0.73	cps
Beryllium	9-1	2986985	2991966	2984763	2987905	0.12	cps
Bismuth	209-1	13859094	14028940	14139217	14009084	1.01	cps
Bismuth	209-2	7774214	7767036	7869225	7803492	0.73	cps
Boron	10-1	406404	416735	416219	413119	1.41	cps
Boron	11-1	1925893	1953153	1984169	1954405	1.49	cps
Cadmium	111-1	3378304	3396771	3393671	3389582	0.29	cps
Cadmium	106-1	378756	381733	383342	381277	0.61	cps
Cadmium	108-1	257964	256700	258448	257704	0.35	cps
Calcium	43-1	3821681	3870380	3879134	3857065	0.80	cps
Calcium	44-1	61972166	62795928	62895641	62554578	0.81	cps
Chromium	52-2	4075008	4096870	4121208	4097695	0.56	cps
Cobalt	59-2	6662523	6665505	6640111	6656046	0.21	cps
Copper	63-2	9446438	9443160	9503737	9464445	0.36	cps
Dysprosium	156-1	158	233	292	228	29.35	cps
Dysprosium	156-2	253	267	150	223	28.59	cps
Erbium	164-1	50	100	83	78	32.73	cps
Erbium	164-2	37	60	70	56	30.79	cps
Gadolinium	160-1	200	192	242	211	12.69	cps
Gadolinium	160-2	410	397	310	372	14.59	cps
Holmium	165-1	21995964	22060046	22214069	22090026	0.51	cps
Holmium	165-2	11227953	11230936	11346730	11268540	0.60	cps
Indium	115-1	15822336	16006234	16024443	15951004	0.70	cps
Indium	115-2	3250292	3274391	3270952	3265212	0.40	cps
Iron	56-2	174040293	174368937	173155837	173855022	0.36	cps
Iron	57-2	4325839	4335662	4343523	4335008	0.20	cps
Lead	206-1	11177236	11261069	11280718	11239674	0.49	cps
Lead	207-1	10032808	10076930	10147703	10085814	0.57	cps
Lead	208-1	45107125	45482979	45637673	45409259	0.60	cps
Lithium	6-1	4668868	4714258	4745340	4709489	0.82	cps
Magnesium	24-2	33666889	33661311	33536653	33621618	0.22	cps
Manganese	55-2	4791425	4821900	4844634	4819320	0.55	cps

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 17:16:37	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	25857747	26051630	26043189	25984189	0.42	cps
Molybdenum	95-1	31765624	31976019	32022131	31921258	0.43	cps
Molybdenum	96-1	35317402	35581282	35408522	35435735	0.38	cps
Molybdenum	97-1	19687179	19872987	19727894	19762687	0.49	cps
Molybdenum	98-1	51807357	52087630	51690498	51861829	0.39	cps
Neodymium	150-1	1020	1040	1047	1036	1.34	cps
Neodymium	150-2	110	103	123	112	9.07	cps
Nickel	60-2	1749082	1759419	1749459	1752653	0.33	cps
Phosphorus	31-2	155519	158045	158880	157482	1.11	cps
Potassium	39-2	14932817	14927100	15081800	14980573	0.59	cps
Rhodium	103-1	14429824	14418033	14462799	14436885	0.16	cps
Rhodium	103-2	7435538	7402152	7444639	7427443	0.30	cps
Scandium	45-1	10041636	10110925	10122071	10091544	0.43	cps
Scandium	45-2	483560	483726	491231	486172	0.90	cps
Selenium	77-2	11184	11555	11952	11564	3.32	cps
Selenium	78-2	39244	39504	39000	39249	0.64	cps
Selenium	82-1	240472	241156	241388	241005	0.20	cps
Silicon	28-1	8857857	8900679	8980527	8913021	0.70	cps
Silver	109-1	15255832	15438554	15405723	15366703	0.63	cps
Silver	107-1	15949011	16089028	16152807	16063615	0.65	cps
Sodium	23-2	62120062	62426818	62329470	62292117	0.25	cps
Strontium	86-1	4009592	4078739	4079013	4055781	0.99	cps
Strontium	88-1	35150625	35460675	35489181	35366827	0.53	cps
Sulfur	34-1	1843070	1853931	1838487	1845162	0.43	cps
Terbium	159-1	22396800	22330086	22547478	22424788	0.50	cps
Terbium	159-2	11136912	11134608	11184098	11151873	0.25	cps
Thallium	203-1	13886943	13945867	13964352	13932387	0.29	cps
Thallium	205-1	32720961	33155149	32950728	32942279	0.66	cps
Tin	118-1	10640228	10733019	10768582	10713943	0.62	cps
Titanium	47-1	8791445	8830864	8873243	8831851	0.46	cps
Uranium	238-1	50142714	50278786	50101612	50174370	0.18	cps
Vanadium	51-2	3293509	3315331	3308933	3305924	0.34	cps
Yttrium	89-1	16393868	16610108	16795716	16599897	1.21	cps
Yttrium	89-2	2543726	2551175	2553136	2549346	0.19	cps
Zinc	66-2	1342207	1347472	1358348	1349342	0.61	cps
Zirconium	90-1	21340479	21549091	21691425	21526998	0.82	cps

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 17:16:37	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	4809724	4848530	4873423	4843892	0.66	cps

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 17:20:27	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13297834	13417799	13558187	13424607	0.97	cps
Antimony	121-1	20007	19681	19080	19589	2.40	cps
Arsenic	75-2	737	707	744	730	2.69	cps
Barium	135-1	2984	3067	3034	3028	1.39	cps
Barium	137-1	5235	5168	5109	5171	1.21	cps
Beryllium	9-1	383	461	406	417	9.61	cps
Bismuth	209-1	12226904	12177707	12066517	12157043	0.68	cps
Bismuth	209-2	6847812	6735118	6773320	6785417	0.84	cps
Boron	10-1	14199	11838	11922	12653	10.59	cps
Boron	11-1	64497	58314	52500	58437	10.27	cps
Cadmium	111-1	5836	5761	5780	5792	0.67	cps
Cadmium	106-1	7286	7302	7202	7263	0.74	cps
Cadmium	108-1	79	96	100	92	12.03	cps
Calcium	43-1	18942114	18950686	18806523	18899775	0.43	cps
Calcium	44-1	309784740	308635115	307176207	308532021	0.42	cps
Chromium	52-2	152525	155587	155435	154516	1.12	cps
Cobalt	59-2	77550	78294	79225	78357	1.07	cps
Copper	63-2	21743	21179	21783	21568	1.57	cps
Dysprosium	156-1	183	133	167	161	15.80	cps
Dysprosium	156-2	100	97	90	96	5.33	cps
Erbium	164-1	100	92	50	81	33.26	cps
Erbium	164-2	47	33	47	42	18.24	cps
Gadolinium	160-1	267	250	242	253	5.04	cps
Gadolinium	160-2	427	333	347	369	13.68	cps
Holmium	165-1	21078240	20782134	20861181	20907185	0.73	cps
Holmium	165-2	10658178	10524991	10595623	10592931	0.63	cps
Indium	115-1	15169747	14959139	14957853	15028913	0.81	cps
Indium	115-2	3148225	3151078	3123597	3140967	0.48	cps
Iron	56-2	815044596	820620374	828185330	821283433	0.80	cps
Iron	57-2	20384519	20420125	20733014	20512553	0.93	cps
Lead	206-1	65835	66109	64707	65550	1.13	cps
Lead	207-1	54880	54205	54233	54439	0.70	cps
Lead	208-1	257785	255650	253829	255755	0.77	cps
Lithium	6-1	4426953	4396395	4376034	4399794	0.58	cps
Magnesium	24-2	158157412	159962149	160740074	159619879	0.83	cps
Manganese	55-2	23649	24437	24534	24207	2.01	cps

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 17:20:27	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	35704	33933	33691	34443	3.19	cps
Molybdenum	95-1	59124	58320	57266	58237	1.60	cps
Molybdenum	96-1	73842	70114	68507	70821	3.86	cps
Molybdenum	97-1	37826	35169	34727	35907	4.67	cps
Molybdenum	98-1	94714	91140	91216	92357	2.21	cps
Neodymium	150-1	227	167	167	187	18.56	cps
Neodymium	150-2	77	83	83	81	4.75	cps
Nickel	60-2	53825	53946	55197	54323	1.40	cps
Phosphorus	31-2	600	558	700	619	11.75	cps
Potassium	39-2	73468083	73279864	74277568	73675172	0.72	cps
Rhodium	103-1	13378969	13078875	13042301	13166715	1.40	cps
Rhodium	103-2	6687261	6614950	6607058	6636423	0.67	cps
Scandium	45-1	9944652	9847836	9818241	9870243	0.67	cps
Scandium	45-2	479091	477715	472247	476351	0.76	cps
Selenium	77-2	7	3	7	6	34.70	cps
Selenium	78-2	107	94	102	101	6.42	cps
Selenium	82-1	364	323	185	291	32.30	cps
Silicon	28-1	863514	876525	884396	874812	1.21	cps
Silver	109-1	1717	1550	1642	1636	5.10	cps
Silver	107-1	1967	2000	1942	1970	1.49	cps
Sodium	23-2	297953782	296752415	298522023	297742740	0.30	cps
Strontium	86-1	20799	19956	20123	20293	2.20	cps
Strontium	88-1	169903	165081	167879	167621	1.44	cps
Sulfur	34-1	452558	451475	456587	453540	0.59	cps
Terbium	159-1	21454024	21181322	21133249	21256198	0.81	cps
Terbium	159-2	10477108	10442245	10391894	10437082	0.41	cps
Thallium	203-1	7969	7294	7177	7480	5.72	cps
Thallium	205-1	18622	17779	17087	17829	4.31	cps
Tin	118-1	49321	48677	48986	48995	0.66	cps
Titanium	47-1	4626	4518	3917	4354	8.77	cps
Uranium	238-1	4943	4643	4593	4726	4.01	cps
Vanadium	51-2	1370	1440	1393	1401	2.54	cps
Yttrium	89-1	16083510	16017859	16016119	16039162	0.24	cps
Yttrium	89-2	2484563	2469622	2459257	2471147	0.51	cps
Zinc	66-2	12629	12606	13189	12808	2.58	cps
Zirconium	90-1	4926	5084	4618	4876	4.87	cps

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 17:20:27	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1258	1183	1058	1167	8.66	cps

LB Number : LB97328 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-15 17:27:04 DataFile Name : 012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	77509	77434	78891	77945	1.05	cps
Antimony	121-1	2488011	2522019	2517833	2509288	0.74	cps
Arsenic	75-2	96996	98253	97656	97635	0.64	cps
Barium	135-1	326454	325533	328422	326803	0.45	cps
Barium	137-1	566863	568238	576366	570489	0.90	cps
Beryllium	9-1	320361	322884	318265	320503	0.72	cps
Bismuth	209-1	14345216	14453187	14506079	14434827	0.57	cps
Bismuth	209-2	8332292	8293033	8310258	8311861	0.24	cps
Boron	10-1	226386	231843	232251	230160	1.42	cps
Boron	11-1	1056442	1098405	1110791	1088546	2.62	cps
Cadmium	111-1	377640	384816	387645	383367	1.35	cps
Cadmium	106-1	74094	74814	76079	74996	1.34	cps
Cadmium	108-1	37462	37717	38039	37739	0.77	cps
Calcium	43-1	93185	93151	94065	93467	0.55	cps
Calcium	44-1	1405656	1427222	1423719	1418866	0.82	cps
Chromium	52-2	437569	435306	435770	436215	0.27	cps
Cobalt	59-2	732632	731821	733784	732745	0.13	cps
Copper	63-2	533387	532841	532684	532971	0.07	cps
Dysprosium	156-1	25	25	25	25	0.00	cps
Dysprosium	156-2	13	3	10	9	57.30	cps
Erbium	164-1	217	117	175	169	29.65	cps
Erbium	164-2	90	80	83	84	6.03	cps
Gadolinium	160-1	108	183	133	142	26.96	cps
Gadolinium	160-2	383	370	290	348	14.51	cps
Holmium	165-1	21766917	21618344	21861607	21748956	0.56	cps
Holmium	165-2	11384156	11333387	11421738	11379761	0.39	cps
Indium	115-1	16667307	16634186	16755470	16685654	0.38	cps
Indium	115-2	3534031	3540707	3535536	3536758	0.10	cps
Iron	56-2	3841766	3845613	3844094	3843824	0.05	cps
Iron	57-2	95184	95430	95872	95496	0.37	cps
Lead	206-1	2297646	2321717	2319925	2313096	0.58	cps
Lead	207-1	1981114	2022664	2014629	2006136	1.10	cps
Lead	208-1	9171087	9299822	9253763	9241557	0.71	cps
Lithium	6-1	4860945	4871515	4848812	4860424	0.23	cps
Magnesium	24-2	422103	424405	419025	421845	0.64	cps
Manganese	55-2	257552	259099	257901	258184	0.31	cps

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 17:27:04	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5897469	5902198	5878697	5892788	0.21	cps
Molybdenum	95-1	3576940	3613963	3615536	3602146	0.61	cps
Molybdenum	96-1	4444883	4501638	4501728	4482750	0.73	cps
Molybdenum	97-1	2158157	2192153	2201882	2184064	1.05	cps
Molybdenum	98-1	5760298	5807363	5822709	5796790	0.56	cps
Neodymium	150-1	13	20	20	18	21.66	cps
Neodymium	150-2	3	0	7	3	100.05	cps
Nickel	60-2	197044	199910	198607	198520	0.72	cps
Phosphorus	31-2	525	650	617	597	10.84	cps
Potassium	39-2	686435	686237	688307	686993	0.17	cps
Rhodium	103-1	15423195	15496834	15539737	15486589	0.38	cps
Rhodium	103-2	8000589	8061838	8016765	8026397	0.40	cps
Scandium	45-1	10535718	10528010	10556801	10540176	0.14	cps
Scandium	45-2	514973	516405	517713	516363	0.27	cps
Selenium	77-2	2790	2697	2760	2749	1.73	cps
Selenium	78-2	9138	9173	9420	9244	1.66	cps
Selenium	82-1	52761	53010	53354	53041	0.56	cps
Silicon	28-1	371792	384806	386041	380880	2.07	cps
Silver	109-1	1470367	1493002	1490580	1484650	0.84	cps
Silver	107-1	1543702	1555194	1563745	1554213	0.65	cps
Sodium	23-2	1335937	1335714	1340001	1337217	0.18	cps
Strontium	86-1	1990874	2007760	2001548	2000061	0.43	cps
Strontium	88-1	17565685	17559559	17604882	17576708	0.14	cps
Sulfur	34-1	474740	479088	471505	475111	0.80	cps
Terbium	159-1	22115450	22198856	22196025	22170110	0.21	cps
Terbium	159-2	11331064	11257349	11351215	11313209	0.44	cps
Thallium	203-1	2839278	2849514	2870393	2853062	0.56	cps
Thallium	205-1	6865076	6844599	6859045	6856240	0.15	cps
Tin	118-1	5244883	5246439	5237213	5242845	0.09	cps
Titanium	47-1	868505	883377	878821	876901	0.87	cps
Uranium	238-1	23070505	23242336	23132526	23148456	0.38	cps
Vanadium	51-2	348836	347911	348039	348262	0.14	cps
Yttrium	89-1	16940949	17116352	17056619	17037973	0.52	cps
Yttrium	89-2	2676849	2682977	2681402	2680409	0.12	cps
Zinc	66-2	161885	161508	162338	161910	0.26	cps
Zirconium	90-1	10525949	10651474	10547252	10574892	0.64	cps

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 17:27:04	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2308812	2327439	2326259	2320837	0.45	cps

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 17:30:38	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2875	2942	2809	2875	2.32	cps
Antimony	121-1	26476	27361	27019	26952	1.66	cps
Arsenic	75-2	513	433	457	468	8.73	cps
Barium	135-1	30225	30159	30585	30323	0.76	cps
Barium	137-1	52718	51530	53437	52561	1.83	cps
Beryllium	9-1	3200	3128	3162	3163	1.14	cps
Bismuth	209-1	14556209	14565613	14607563	14576461	0.19	cps
Bismuth	209-2	8307860	8307621	8231686	8282389	0.53	cps
Boron	10-1	19981	18395	18178	18851	5.22	cps
Boron	11-1	92215	89657	84554	88809	4.39	cps
Cadmium	111-1	8657	8285	8535	8492	2.24	cps
Cadmium	106-1	7944	7402	7803	7716	3.64	cps
Cadmium	108-1	333	288	313	311	7.38	cps
Calcium	43-1	19422	18596	19113	19044	2.19	cps
Calcium	44-1	316104	316046	310787	314312	0.97	cps
Chromium	52-2	9820	9847	9767	9811	0.42	cps
Cobalt	59-2	7128	6978	6838	6982	2.08	cps
Copper	63-2	11328	11248	11234	11270	0.45	cps
Dysprosium	156-1	8	17	0	8	100.02	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	92	125	58	92	36.36	cps
Erbium	164-2	43	43	47	44	4.34	cps
Gadolinium	160-1	142	100	100	114	21.12	cps
Gadolinium	160-2	380	327	360	356	7.58	cps
Holmium	165-1	22121756	21955815	21957383	22011651	0.43	cps
Holmium	165-2	11423670	11394572	11343665	11387302	0.36	cps
Indium	115-1	17069162	17155318	17138074	17120851	0.27	cps
Indium	115-2	3596631	3618451	3602005	3605696	0.32	cps
Iron	56-2	190710	191768	189861	190779	0.50	cps
Iron	57-2	4823	4918	4706	4816	2.20	cps
Lead	206-1	11789	11505	11700	11665	1.24	cps
Lead	207-1	10321	10477	10794	10530	2.29	cps
Lead	208-1	47150	46822	47724	47232	0.97	cps
Lithium	6-1	4856169	4946477	4902778	4901808	0.92	cps
Magnesium	24-2	163197	165050	160577	162941	1.38	cps
Manganese	55-2	2784	2550	2630	2655	4.47	cps

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 17:30:38	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	30258	29289	28337	29295	3.28	cps
Molybdenum	95-1	33724	34492	33991	34069	1.15	cps
Molybdenum	96-1	37609	37208	37701	37506	0.70	cps
Molybdenum	97-1	21359	21333	21417	21370	0.20	cps
Molybdenum	98-1	54672	56396	53736	54935	2.46	cps
Neodymium	150-1	0	7	13	7	99.98	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	2097	2094	2144	2111	1.32	cps
Phosphorus	31-2	700	658	508	622	16.20	cps
Potassium	39-2	188995	188744	188591	188777	0.11	cps
Rhodium	103-1	15775463	15935317	15870662	15860481	0.51	cps
Rhodium	103-2	8120419	8178437	8089587	8129481	0.55	cps
Scandium	45-1	10741985	10747592	10697808	10729128	0.25	cps
Scandium	45-2	520038	517495	517446	518327	0.29	cps
Selenium	77-2	57	77	80	71	17.74	cps
Selenium	78-2	280	304	294	293	4.15	cps
Selenium	82-1	1275	1193	1309	1259	4.71	cps
Silicon	28-1	458706	457939	453339	456662	0.64	cps
Silver	109-1	16126	16193	16060	16126	0.41	cps
Silver	107-1	16227	16627	16986	16613	2.29	cps
Sodium	23-2	339267	330900	333346	334504	1.29	cps
Strontium	86-1	4743	4818	5268	4943	5.75	cps
Strontium	88-1	36823	35428	35495	35915	2.19	cps
Sulfur	34-1	481886	484992	482686	483188	0.33	cps
Terbium	159-1	22396186	22460333	22404861	22420460	0.16	cps
Terbium	159-2	11361785	11440567	11373926	11392093	0.37	cps
Thallium	203-1	13924	14458	13933	14105	2.17	cps
Thallium	205-1	34278	34203	33761	34081	0.82	cps
Tin	118-1	54397	54146	53845	54130	0.51	cps
Titanium	47-1	9103	8953	9162	9073	1.19	cps
Uranium	238-1	45389	45648	44971	45336	0.75	cps
Vanadium	51-2	16196	16199	16206	16200	0.03	cps
Yttrium	89-1	17243641	17395888	17428368	17355966	0.57	cps
Yttrium	89-2	2740007	2739139	2700680	2726609	0.82	cps
Zinc	66-2	4114	3861	4167	4047	4.05	cps
Zirconium	90-1	25966	25933	25949	25949	0.06	cps

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 17:30:38	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	5726	6060	5801	5863	2.98	cps

LB Number : LB97328 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-15 17:34:13 DataFile Name : 014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	92	167	117	37.11	cps
Antimony	121-1	1150	1192	1200	1181	2.27	cps
Arsenic	75-2	13	20	37	23	52.58	cps
Barium	135-1	58	42	67	56	22.91	cps
Barium	137-1	92	92	67	83	17.32	cps
Beryllium	9-1	106	67	50	74	38.49	cps
Bismuth	209-1	14626659	14517649	14526110	14556806	0.42	cps
Bismuth	209-2	8354429	8316181	8279117	8316576	0.45	cps
Boron	10-1	5001	4726	4709	4812	3.40	cps
Boron	11-1	24170	22985	23077	23411	2.82	cps
Cadmium	111-1	5413	5614	5036	5354	5.47	cps
Cadmium	106-1	7686	8003	7160	7616	5.59	cps
Cadmium	108-1	13	13	25	17	43.30	cps
Calcium	43-1	350	358	258	322	17.22	cps
Calcium	44-1	15292	15017	14941	15083	1.22	cps
Chromium	52-2	773	750	827	783	5.02	cps
Cobalt	59-2	90	83	60	78	20.25	cps
Copper	63-2	973	1020	1017	1003	2.59	cps
Dysprosium	156-1	25	0	17	14	91.65	cps
Dysprosium	156-2	7	13	10	10	33.30	cps
Erbium	164-1	67	100	92	86	20.14	cps
Erbium	164-2	33	47	23	34	34.00	cps
Gadolinium	160-1	150	208	133	164	24.03	cps
Gadolinium	160-2	297	387	320	334	13.97	cps
Holmium	165-1	22270807	22010137	22089625	22123523	0.60	cps
Holmium	165-2	11519893	11449143	11520029	11496355	0.36	cps
Indium	115-1	17405056	17173009	17331399	17303155	0.69	cps
Indium	115-2	3678925	3646035	3640960	3655306	0.56	cps
Iron	56-2	8786	9086	9681	9185	4.96	cps
Iron	57-2	450	356	372	393	12.84	cps
Lead	206-1	717	644	678	680	5.32	cps
Lead	207-1	583	667	556	602	9.61	cps
Lead	208-1	2795	2784	2695	2758	1.99	cps
Lithium	6-1	4992669	4920320	4973856	4962282	0.76	cps
Magnesium	24-2	742	683	692	706	4.47	cps
Manganese	55-2	117	80	123	107	21.88	cps

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 17:34:13	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1633	1633	1408	1558	8.34	cps
Molybdenum	95-1	1592	1934	1709	1745	9.96	cps
Molybdenum	96-1	2192	1817	2100	2036	9.60	cps
Molybdenum	97-1	1042	1025	975	1014	3.42	cps
Molybdenum	98-1	2959	2734	2617	2770	6.27	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	80	123	103	102	21.22	cps
Phosphorus	31-2	675	533	508	572	15.71	cps
Potassium	39-2	37690	36704	36496	36963	1.73	cps
Rhodium	103-1	16018395	16045701	16031868	16031988	0.09	cps
Rhodium	103-2	8318490	8256529	8245191	8273403	0.48	cps
Scandium	45-1	10941036	10837461	10922014	10900170	0.51	cps
Scandium	45-2	527170	527016	526028	526738	0.12	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	102	94	98	98	3.77	cps
Selenium	82-1	65	-81	23	2	3198.13	cps
Silicon	28-1	324371	325949	322773	324364	0.49	cps
Silver	109-1	175	125	225	175	28.57	cps
Silver	107-1	267	292	300	286	6.06	cps
Sodium	23-2	25815	25806	26107	25909	0.66	cps
Strontium	86-1	933	883	1075	964	10.31	cps
Strontium	88-1	317	242	267	275	13.89	cps
Sulfur	34-1	504503	502063	503416	503328	0.24	cps
Terbium	159-1	22667330	22452486	22625519	22581778	0.50	cps
Terbium	159-2	11465306	11444677	11361628	11423870	0.48	cps
Thallium	203-1	392	458	358	403	12.64	cps
Thallium	205-1	1008	1075	1083	1056	3.89	cps
Tin	118-1	2150	1675	1992	1939	12.47	cps
Titanium	47-1	100	150	208	153	35.49	cps
Uranium	238-1	275	150	217	214	29.24	cps
Vanadium	51-2	23	20	17	20	16.65	cps
Yttrium	89-1	17569557	17612093	17523366	17568339	0.25	cps
Yttrium	89-2	2782360	2770174	2742842	2765125	0.73	cps
Zinc	66-2	2494	2604	2417	2505	3.75	cps
Zirconium	90-1	2192	2017	2117	2109	4.16	cps

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 17:34:13	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	392	358	358	369	5.21	cps

LB Number : LB97328 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-15 17:37:48 DataFile Name : 015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13545760	13599518	13619415	13588231	0.28	cps
Antimony	121-1	15009	15276	15201	15162	0.91	cps
Arsenic	75-2	174	181	146	167	11.09	cps
Barium	135-1	4884	5109	4801	4932	3.24	cps
Barium	137-1	7936	8211	8836	8328	5.54	cps
Beryllium	9-1	906	933	900	913	1.96	cps
Bismuth	209-1	13651265	13978374	13949440	13859693	1.31	cps
Bismuth	209-2	7643540	7763741	7718511	7708597	0.79	cps
Boron	10-1	4518	4918	4426	4620	5.66	cps
Boron	11-1	20615	20832	20623	20690	0.59	cps
Cadmium	111-1	5856	6517	6702	6358	6.99	cps
Cadmium	106-1	6418	6919	7144	6827	5.44	cps
Cadmium	108-1	3655	3467	3476	3532	3.00	cps
Calcium	43-1	3950922	3971725	3973736	3965461	0.32	cps
Calcium	44-1	64157343	64713691	65322493	64731176	0.90	cps
Chromium	52-2	86257	86401	87116	86591	0.53	cps
Cobalt	59-2	8643	8626	8646	8638	0.12	cps
Copper	63-2	39614	40282	40727	40208	1.39	cps
Dysprosium	156-1	117	92	100	103	12.39	cps
Dysprosium	156-2	27	10	33	23	51.50	cps
Erbium	164-1	92	158	108	119	29.05	cps
Erbium	164-2	30	43	93	56	60.11	cps
Gadolinium	160-1	250	233	258	247	5.15	cps
Gadolinium	160-2	290	320	343	318	8.41	cps
Holmium	165-1	22417899	22588546	22740294	22582247	0.71	cps
Holmium	165-2	11351907	11588421	11405020	11448449	1.08	cps
Indium	115-1	16769305	17009477	16872693	16883825	0.71	cps
Indium	115-2	3449544	3494628	3509206	3484459	0.89	cps
Iron	56-2	362089753	366666630	367915275	365557219	0.84	cps
Iron	57-2	8983696	9115614	9131098	9076803	0.89	cps
Lead	206-1	53776	51444	53597	52939	2.45	cps
Lead	207-1	41526	41655	41649	41610	0.17	cps
Lead	208-1	196507	196241	199138	197295	0.81	cps
Lithium	6-1	4829658	4863154	4871463	4854758	0.46	cps
Magnesium	24-2	34167667	34198985	34433164	34266606	0.42	cps
Manganese	55-2	20020	20114	20184	20106	0.41	cps

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 17:37:48	DataFile Name :	015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	7257766	7367636	7383172	7336191	0.93	cps
Molybdenum	95-1	12830143	13036930	13021406	12962826	0.89	cps
Molybdenum	96-1	13761901	13943387	14076081	13927123	1.13	cps
Molybdenum	97-1	7939214	8023418	8157380	8040004	1.37	cps
Molybdenum	98-1	20847604	20898785	21158471	20968287	0.79	cps
Neodymium	150-1	40	53	87	60	40.06	cps
Neodymium	150-2	20	23	20	21	9.11	cps
Nickel	60-2	10070	10400	10384	10285	1.81	cps
Phosphorus	31-2	821999	828638	829436	826691	0.49	cps
Potassium	39-2	31857102	32202360	32212741	32090734	0.63	cps
Rhodium	103-1	14941716	15164098	15240330	15115381	1.03	cps
Rhodium	103-2	7761448	7855839	7804066	7807118	0.61	cps
Scandium	45-1	10797060	10891654	10949895	10879536	0.71	cps
Scandium	45-2	524110	530460	525023	526531	0.65	cps
Selenium	77-2	13	3	0	6	124.93	cps
Selenium	78-2	94	81	113	96	16.43	cps
Selenium	82-1	94	33	159	96	65.69	cps
Silicon	28-1	512758	509671	512042	511490	0.32	cps
Silver	109-1	967	867	1200	1011	16.92	cps
Silver	107-1	1000	1117	1308	1142	13.64	cps
Sodium	23-2	65479983	65924541	65602379	65668967	0.35	cps
Strontium	86-1	141516	143982	145251	143583	1.32	cps
Strontium	88-1	1210821	1248818	1239811	1233150	1.61	cps
Sulfur	34-1	5984114	5967899	5935617	5962543	0.41	cps
Terbium	159-1	22588519	23067636	23231523	22962559	1.46	cps
Terbium	159-2	11292471	11387952	11386129	11355517	0.48	cps
Thallium	203-1	1125	1192	1233	1183	4.62	cps
Thallium	205-1	2584	2959	3259	2934	11.53	cps
Tin	118-1	4368	4151	4001	4173	4.42	cps
Titanium	47-1	3728104	3737024	3766870	3743999	0.54	cps
Uranium	238-1	958	1000	1092	1017	6.71	cps
Vanadium	51-2	577	600	623	600	3.89	cps
Yttrium	89-1	17473427	17826690	17728756	17676291	1.03	cps
Yttrium	89-2	2696440	2766610	2759937	2740996	1.41	cps
Zinc	66-2	10704	10981	10871	10852	1.28	cps
Zirconium	90-1	3826	3342	3084	3417	11.02	cps

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 17:37:48	DataFile Name :	015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	767	808	683	753	8.46	cps

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 17:41:28	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13709427	13722876	13886425	13772910	0.72	cps
Antimony	121-1	277959	276186	281154	278433	0.90	cps
Arsenic	75-2	9542	9481	9583	9535	0.54	cps
Barium	135-1	71744	71124	72355	71741	0.86	cps
Barium	137-1	122562	125151	123410	123708	1.07	cps
Beryllium	9-1	61034	61614	61993	61547	0.78	cps
Bismuth	209-1	13866697	14034674	14051113	13984162	0.73	cps
Bismuth	209-2	7615442	7614246	7731741	7653810	0.88	cps
Boron	10-1	24863	25806	27083	25917	4.30	cps
Boron	11-1	120410	123268	127409	123696	2.85	cps
Cadmium	111-1	78254	79146	79810	79070	0.99	cps
Cadmium	106-1	17795	16936	17695	17475	2.69	cps
Cadmium	108-1	9499	9754	9228	9494	2.77	cps
Calcium	43-1	4053978	4133162	4135478	4107539	1.13	cps
Calcium	44-1	66410529	67129839	67608964	67049777	0.90	cps
Chromium	52-2	174293	174401	176380	175025	0.67	cps
Cobalt	59-2	151327	151539	154028	152298	0.99	cps
Copper	63-2	142967	144088	142122	143059	0.69	cps
Dysprosium	156-1	67	125	42	78	54.98	cps
Dysprosium	156-2	27	13	40	27	50.01	cps
Erbium	164-1	75	125	92	97	26.19	cps
Erbium	164-2	57	77	57	63	18.23	cps
Gadolinium	160-1	183	275	258	239	20.44	cps
Gadolinium	160-2	350	350	327	342	3.94	cps
Holmium	165-1	23072107	23389103	23188230	23216480	0.69	cps
Holmium	165-2	11396352	11475770	11492035	11454719	0.45	cps
Indium	115-1	17379483	17603753	17718067	17567101	0.98	cps
Indium	115-2	3497378	3528096	3566771	3530748	0.98	cps
Iron	56-2	371003497	372627653	375431542	373020897	0.60	cps
Iron	57-2	9162685	9255783	9364187	9260885	1.09	cps
Lead	206-1	277391	276918	281714	278674	0.95	cps
Lead	207-1	227616	228849	231392	229286	0.84	cps
Lead	208-1	1058842	1076130	1079108	1071360	1.02	cps
Lithium	6-1	4807497	4865993	4860055	4844515	0.66	cps
Magnesium	24-2	34763784	34828071	35185187	34925681	0.65	cps
Manganese	55-2	70713	71720	72611	71681	1.33	cps

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 17:41:28	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	8177890	8257662	8247506	8227686	0.53	cps
Molybdenum	95-1	13753019	13804066	13756130	13771072	0.21	cps
Molybdenum	96-1	14730046	14836992	14767116	14778051	0.37	cps
Molybdenum	97-1	8472505	8505351	8548146	8508667	0.45	cps
Molybdenum	98-1	22203777	22422010	22377116	22334301	0.52	cps
Neodymium	150-1	80	107	133	107	25.00	cps
Neodymium	150-2	37	27	30	31	16.37	cps
Nickel	60-2	47580	48584	48162	48109	1.05	cps
Phosphorus	31-2	826416	832613	841276	833435	0.90	cps
Potassium	39-2	32664359	32585190	33108054	32785868	0.86	cps
Rhodium	103-1	15675325	15869398	15805994	15783572	0.63	cps
Rhodium	103-2	7862939	7958211	7978338	7933162	0.78	cps
Scandium	45-1	11102020	11365273	11247761	11238351	1.17	cps
Scandium	45-2	537707	540256	544112	540692	0.60	cps
Selenium	77-2	233	290	207	243	17.49	cps
Selenium	78-2	917	987	972	959	3.87	cps
Selenium	82-1	5277	5229	5061	5189	2.18	cps
Silicon	28-1	1016613	1038766	1040519	1031966	1.29	cps
Silver	109-1	310832	313972	313056	312620	0.52	cps
Silver	107-1	322748	328443	330853	327348	1.27	cps
Sodium	23-2	66888389	66698843	67493339	67026857	0.62	cps
Strontium	86-1	379125	382222	379937	380428	0.42	cps
Strontium	88-1	3290470	3313879	3331303	3311884	0.62	cps
Sulfur	34-1	6108210	6154594	6144314	6135706	0.40	cps
Terbium	159-1	23301169	23546959	23669305	23505811	0.80	cps
Terbium	159-2	11373117	11498732	11353605	11408485	0.69	cps
Thallium	203-1	276556	280037	279457	278684	0.67	cps
Thallium	205-1	662987	664402	664341	663910	0.12	cps
Tin	118-1	592771	597553	591965	594097	0.51	cps
Titanium	47-1	3913437	3943851	3953423	3936903	0.53	cps
Uranium	238-1	2452742	2475500	2452375	2460206	0.54	cps
Vanadium	51-2	70042	70980	71120	70714	0.83	cps
Yttrium	89-1	18228661	18485239	18373298	18362399	0.70	cps
Yttrium	89-2	2784957	2799015	2817166	2800379	0.58	cps
Zinc	66-2	24875	25536	25295	25235	1.33	cps
Zirconium	90-1	1212782	1227028	1229126	1222979	0.73	cps

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 17:41:28	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	274009	275229	277786	275674	0.70	cps

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	CCV61	Instrumnet Name :	P7
Client Sample ID :	CCV61	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 17:45:07	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7769999	7803594	7935229	7836274	1.11	cps
Antimony	121-1	6630850	6595835	6503550	6576745	1.00	cps
Arsenic	75-2	231468	233124	236621	233738	1.13	cps
Barium	135-1	8288087	8328815	8191063	8269322	0.86	cps
Barium	137-1	14366039	14451007	14249133	14355393	0.71	cps
Beryllium	9-1	1506187	1529210	1484896	1506764	1.47	cps
Bismuth	209-1	13385422	13422348	13225312	13344361	0.78	cps
Bismuth	209-2	7322011	7391912	7431843	7381922	0.75	cps
Boron	10-1	202818	212627	214727	210058	3.03	cps
Boron	11-1	977721	1010388	1018535	1002214	2.16	cps
Cadmium	111-1	1753254	1741743	1739302	1744766	0.43	cps
Cadmium	106-1	200853	201224	200018	200698	0.31	cps
Cadmium	108-1	131213	132798	133162	132391	0.78	cps
Calcium	43-1	10402151	10433521	10327131	10387601	0.53	cps
Calcium	44-1	170709854	169165733	167739083	169204890	0.88	cps
Chromium	52-2	2276659	2278809	2301784	2285751	0.61	cps
Cobalt	59-2	3535197	3571743	3602128	3569689	0.94	cps
Copper	63-2	4834151	4871156	4918337	4874548	0.87	cps
Dysprosium	156-1	208	150	225	194	20.25	cps
Dysprosium	156-2	137	160	180	159	13.65	cps
Erbium	164-1	92	117	125	111	15.61	cps
Erbium	164-2	30	30	53	38	35.66	cps
Gadolinium	160-1	242	292	208	247	16.97	cps
Gadolinium	160-2	300	337	317	318	5.78	cps
Holmium	165-1	22963168	23010239	22645598	22873002	0.87	cps
Holmium	165-2	11247162	11269048	11402314	11306175	0.74	cps
Indium	115-1	17403707	17181467	17049090	17211421	1.04	cps
Indium	115-2	3402111	3441945	3497489	3447182	1.39	cps
Iron	56-2	466496766	469183388	472751822	469477325	0.67	cps
Iron	57-2	11550981	11591922	11791525	11644810	1.11	cps
Lead	206-1	5419728	5419696	5361110	5400178	0.63	cps
Lead	207-1	4906459	4852691	4836623	4865258	0.75	cps
Lead	208-1	21957591	21854204	21693097	21834964	0.61	cps
Lithium	6-1	4736714	4794531	4757587	4762944	0.61	cps
Magnesium	24-2	88660789	89556798	90862975	89693521	1.23	cps
Manganese	55-2	2577091	2632295	2619800	2609729	1.11	cps

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	CCV61	Instrumnet Name :	P7
Client Sample ID :	CCV61	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 17:45:07	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	14113065	14033531	14075998	14074198	0.28	cps
Molybdenum	95-1	17353605	17251512	17221051	17275390	0.40	cps
Molybdenum	96-1	19287532	19262494	19148084	19232703	0.39	cps
Molybdenum	97-1	10700414	10712434	10605950	10672933	0.55	cps
Molybdenum	98-1	28104487	28189593	27648116	27980732	1.04	cps
Neodymium	150-1	547	587	633	589	7.37	cps
Neodymium	150-2	87	93	123	101	19.32	cps
Nickel	60-2	930571	936402	950093	939022	1.07	cps
Phosphorus	31-2	85067	83332	85512	84637	1.36	cps
Potassium	39-2	41254466	41332086	41899256	41495269	0.85	cps
Rhodium	103-1	15330810	15436763	15206438	15324670	0.75	cps
Rhodium	103-2	7539932	7579927	7651878	7590579	0.75	cps
Scandium	45-1	11314874	11369008	11210481	11298121	0.71	cps
Scandium	45-2	536309	539337	542681	539442	0.59	cps
Selenium	77-2	6178	6021	6085	6095	1.29	cps
Selenium	78-2	20431	20542	20487	20487	0.27	cps
Selenium	82-1	123425	124074	121743	123080	0.98	cps
Silicon	28-1	5809223	5952065	5996120	5919136	1.65	cps
Silver	109-1	7927586	7922003	7929962	7926517	0.05	cps
Silver	107-1	8320370	8322782	8255387	8299513	0.46	cps
Sodium	23-2	166701700	167816537	168737758	167751998	0.61	cps
Strontium	86-1	2178815	2175636	2162732	2172394	0.39	cps
Strontium	88-1	19443927	19214963	19143952	19267614	0.81	cps
Sulfur	34-1	1209254	1219188	1214270	1214237	0.41	cps
Terbium	159-1	23405321	23277875	23018352	23233850	0.85	cps
Terbium	159-2	11128188	11249033	11344822	11240681	0.97	cps
Thallium	203-1	6745798	6748203	6623367	6705789	1.06	cps
Thallium	205-1	15889605	15864400	15576409	15776805	1.10	cps
Tin	118-1	5709948	5675212	5630701	5671954	0.70	cps
Titanium	47-1	4875435	4849451	4798466	4841117	0.81	cps
Uranium	238-1	23890833	23669440	23276664	23612312	1.32	cps
Vanadium	51-2	1786450	1795869	1803890	1795403	0.49	cps
Yttrium	89-1	18384574	18338540	18100132	18274415	0.84	cps
Yttrium	89-2	2706220	2745935	2796959	2749705	1.65	cps
Zinc	66-2	681035	686853	691696	686528	0.78	cps
Zirconium	90-1	11778786	11767041	11605636	11717154	0.83	cps

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	CCV61	Instrumnet Name :	P7
Client Sample ID :	CCV61	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 17:45:07	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2576040	2566694	2567717	2570150	0.20	cps

LB Number : LB97328 Operator : Jaswal
 Lab Sample ID : CCB61 Instrumnet Name : P7
 Client Sample ID : CCB61 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-15 17:48:49 DataFile Name : 018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	358	367	283	336	13.66	cps
Antimony	121-1	4559	4343	4276	4393	3.37	cps
Arsenic	75-2	39	24	33	32	23.33	cps
Barium	135-1	283	267	258	269	4.72	cps
Barium	137-1	350	475	358	394	17.72	cps
Beryllium	9-1	189	128	150	156	19.89	cps
Bismuth	209-1	14521030	14526844	14692591	14580155	0.67	cps
Bismuth	209-2	7968982	8029944	8267749	8088891	1.95	cps
Boron	10-1	7335	6960	6735	7010	4.33	cps
Boron	11-1	36570	32803	31150	33508	8.29	cps
Cadmium	111-1	5478	5452	5142	5357	3.49	cps
Cadmium	106-1	7719	7727	7294	7580	3.27	cps
Cadmium	108-1	42	46	38	42	10.00	cps
Calcium	43-1	642	467	592	567	15.91	cps
Calcium	44-1	20173	19522	19906	19867	1.65	cps
Chromium	52-2	827	870	977	891	8.66	cps
Cobalt	59-2	153	140	67	120	38.89	cps
Copper	63-2	1467	1547	1573	1529	3.63	cps
Dysprosium	156-1	0	8	17	8	100.02	cps
Dysprosium	156-2	10	7	3	7	50.03	cps
Erbium	164-1	67	33	50	50	33.34	cps
Erbium	164-2	23	27	43	31	34.44	cps
Gadolinium	160-1	92	158	183	144	32.81	cps
Gadolinium	160-2	243	270	283	266	7.67	cps
Holmium	165-1	22030566	22130723	22698281	22286523	1.62	cps
Holmium	165-2	11079343	11080555	11480732	11213543	2.06	cps
Indium	115-1	17559361	17540452	17886853	17662222	1.10	cps
Indium	115-2	3554547	3569320	3689146	3604338	2.05	cps
Iron	56-2	22535	18779	18851	20055	10.71	cps
Iron	57-2	656	661	600	639	5.29	cps
Lead	206-1	806	956	1122	961	16.48	cps
Lead	207-1	839	800	717	785	7.95	cps
Lead	208-1	3361	3745	3623	3576	5.48	cps
Lithium	6-1	4849768	4843427	4883734	4858976	0.45	cps
Magnesium	24-2	2459	1875	1734	2023	19.02	cps
Manganese	55-2	163	123	107	131	22.21	cps

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	CCB61	Instrumnet Name :	P7
Client Sample ID :	CCB61	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 17:48:49	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6602	6644	5901	6382	6.53	cps
Molybdenum	95-1	11063	9445	9228	9912	10.11	cps
Molybdenum	96-1	11997	10588	9320	10635	12.59	cps
Molybdenum	97-1	6785	6143	5159	6029	13.58	cps
Molybdenum	98-1	17161	16001	14007	15723	10.14	cps
Neodymium	150-1	0	13	13	9	86.60	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	97	107	120	108	10.86	cps
Phosphorus	31-2	425	583	517	508	15.64	cps
Potassium	39-2	47661	47794	45237	46897	3.07	cps
Rhodium	103-1	16169298	16203379	16532829	16301835	1.23	cps
Rhodium	103-2	8134447	8184117	8441694	8253419	2.00	cps
Scandium	45-1	10874960	10946042	11216847	11012616	1.64	cps
Scandium	45-2	520716	526667	543404	530262	2.22	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	93	78	122	98	23.20	cps
Selenium	82-1	-75	6	23	-15	-342.72	cps
Silicon	28-1	362766	356688	354122	357859	1.24	cps
Silver	109-1	708	767	733	736	3.98	cps
Silver	107-1	925	717	625	756	20.35	cps
Sodium	23-2	50990	49190	48271	49483	2.80	cps
Strontium	86-1	1042	1133	1125	1100	4.61	cps
Strontium	88-1	742	958	458	720	34.85	cps
Sulfur	34-1	461550	468569	466638	465585	0.78	cps
Terbium	159-1	22563419	22731945	23196378	22830581	1.44	cps
Terbium	159-2	11110872	11053672	11487149	11217231	2.10	cps
Thallium	203-1	1600	1400	1383	1461	8.25	cps
Thallium	205-1	3692	3517	3326	3512	5.22	cps
Tin	118-1	2667	2567	2700	2645	2.62	cps
Titanium	47-1	425	350	408	394	9.98	cps
Uranium	238-1	717	733	517	656	18.39	cps
Vanadium	51-2	33	33	33	33	0.00	cps
Yttrium	89-1	17987876	17927319	18231083	18048759	0.89	cps
Yttrium	89-2	2707063	2732665	2807527	2749085	1.90	cps
Zinc	66-2	2507	2320	2464	2430	4.02	cps
Zirconium	90-1	2742	2542	2625	2636	3.81	cps

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	CCB61	Instrumnet Name :	P7
Client Sample ID :	CCB61	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 17:48:49	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	475	425	417	439	7.19	cps

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 17:52:23	DataFile Name :	019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2959	2984	3117	3020	2.82	cps
Antimony	121-1	27594	27561	28279	27812	1.46	cps
Arsenic	75-2	504	472	537	504	6.43	cps
Barium	135-1	32831	33441	32898	33057	1.01	cps
Barium	137-1	54859	56440	57177	56159	2.11	cps
Beryllium	9-1	3395	3312	3250	3319	2.19	cps
Bismuth	209-1	14615439	14838549	14756775	14736921	0.77	cps
Bismuth	209-2	8009858	8028978	8249038	8095958	1.64	cps
Boron	10-1	13790	14791	14608	14396	3.70	cps
Boron	11-1	64287	65861	67225	65791	2.23	cps
Cadmium	111-1	9025	9334	8888	9082	2.52	cps
Cadmium	106-1	8178	8186	7869	8078	2.24	cps
Cadmium	108-1	279	317	346	314	10.65	cps
Calcium	43-1	20006	20832	21500	20779	3.60	cps
Calcium	44-1	344498	348882	347216	346865	0.64	cps
Chromium	52-2	10334	9940	10594	10289	3.20	cps
Cobalt	59-2	7459	7425	7839	7574	3.03	cps
Copper	63-2	11561	12399	12636	12199	4.63	cps
Dysprosium	156-1	25	8	33	22	57.29	cps
Dysprosium	156-2	7	7	3	6	34.70	cps
Erbium	164-1	83	158	92	111	37.00	cps
Erbium	164-2	73	60	43	59	25.53	cps
Gadolinium	160-1	150	142	183	158	13.92	cps
Gadolinium	160-2	237	297	357	297	20.23	cps
Holmium	165-1	22656883	23075446	22687076	22806468	1.02	cps
Holmium	165-2	11134138	11273198	11521506	11309614	1.74	cps
Indium	115-1	18130463	18337423	18269865	18245917	0.58	cps
Indium	115-2	3609824	3642047	3740027	3663966	1.85	cps
Iron	56-2	199722	204521	207713	203985	1.97	cps
Iron	57-2	5118	5523	5546	5396	4.46	cps
Lead	206-1	11478	12134	12417	12009	4.01	cps
Lead	207-1	10677	12561	10521	11253	10.09	cps
Lead	208-1	47969	50102	48352	48808	2.33	cps
Lithium	6-1	4888701	4980143	4929670	4932838	0.93	cps
Magnesium	24-2	165175	172261	175087	170841	2.99	cps
Manganese	55-2	2890	2937	3054	2960	2.84	cps

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 17:52:23	DataFile Name :	019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	30458	31578	30366	30801	2.19	cps
Molybdenum	95-1	36121	35988	36155	36088	0.24	cps
Molybdenum	96-1	40283	40032	41286	40533	1.64	cps
Molybdenum	97-1	23337	23287	23662	23428	0.87	cps
Molybdenum	98-1	58839	60345	60161	59782	1.37	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	2130	2067	2274	2157	4.91	cps
Phosphorus	31-2	642	550	633	608	8.33	cps
Potassium	39-2	201262	203576	210589	205142	2.37	cps
Rhodium	103-1	16698149	17055964	16878462	16877525	1.06	cps
Rhodium	103-2	8315860	8339918	8541843	8399207	1.48	cps
Scandium	45-1	11320237	11569791	11482297	11457442	1.11	cps
Scandium	45-2	533008	539284	555408	542567	2.13	cps
Selenium	77-2	53	60	83	66	24.03	cps
Selenium	78-2	311	294	330	312	5.65	cps
Selenium	82-1	1324	1269	1392	1328	4.61	cps
Silicon	28-1	479849	477341	474815	477335	0.53	cps
Silver	109-1	16419	18221	17336	17325	5.20	cps
Silver	107-1	18613	18972	17970	18518	2.74	cps
Sodium	23-2	361038	363678	368951	364556	1.11	cps
Strontium	86-1	5476	5285	5835	5532	5.05	cps
Strontium	88-1	38193	39856	39472	39174	2.22	cps
Sulfur	34-1	488119	487430	494090	489880	0.75	cps
Terbium	159-1	23124713	23526465	23297274	23316151	0.86	cps
Terbium	159-2	11101001	11356166	11511604	11322924	1.83	cps
Thallium	203-1	14634	14342	13933	14303	2.46	cps
Thallium	205-1	33677	34922	33159	33919	2.67	cps
Tin	118-1	56581	58497	58221	57766	1.79	cps
Titanium	47-1	9879	10079	9378	9779	3.69	cps
Uranium	238-1	44753	46267	45430	45483	1.67	cps
Vanadium	51-2	16930	17741	17450	17374	2.37	cps
Yttrium	89-1	18473391	18980731	18612653	18688925	1.40	cps
Yttrium	89-2	2772651	2817371	2867080	2819034	1.68	cps
Zinc	66-2	4261	4311	4237	4270	0.88	cps
Zirconium	90-1	25582	26225	25832	25880	1.25	cps

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 17:52:23	DataFile Name :	019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	5885	6193	5993	6024	2.60	cps

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	PB112089BL	Instrumnet Name :	P7
Client Sample ID :	PB112089BL	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 17:55:57	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	183	92	133	136	33.72	cps
Antimony	121-1	767	1025	958	917	14.63	cps
Arsenic	75-2	6	7	15	9	52.86	cps
Barium	135-1	17	75	100	64	66.93	cps
Barium	137-1	42	100	42	61	55.11	cps
Beryllium	9-1	89	78	83	83	6.67	cps
Bismuth	209-1	14641271	14674242	14545915	14620476	0.46	cps
Bismuth	209-2	7808036	7973720	8232135	8004631	2.67	cps
Boron	10-1	3150	2959	3025	3045	3.20	cps
Boron	11-1	14783	14791	13290	14288	6.05	cps
Cadmium	111-1	5592	5678	5643	5638	0.77	cps
Cadmium	106-1	7969	8086	8003	8019	0.75	cps
Cadmium	108-1	4	4	13	7	69.23	cps
Calcium	43-1	408	333	300	347	15.98	cps
Calcium	44-1	15984	16877	16610	16490	2.78	cps
Chromium	52-2	917	823	850	863	5.57	cps
Cobalt	59-2	73	90	120	94	25.04	cps
Copper	63-2	1247	1187	1230	1221	2.54	cps
Dysprosium	156-1	0	17	8	8	100.02	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	100	58	75	78	26.96	cps
Erbium	164-2	43	27	57	42	35.60	cps
Gadolinium	160-1	117	133	208	153	31.96	cps
Gadolinium	160-2	307	290	360	319	11.47	cps
Holmium	165-1	22774054	22824997	22779034	22792695	0.12	cps
Holmium	165-2	11001552	11162684	11488622	11217619	2.21	cps
Indium	115-1	18183740	18423027	18189535	18265434	0.75	cps
Indium	115-2	3583907	3626923	3749303	3653378	2.35	cps
Iron	56-2	8781	8631	8386	8599	2.32	cps
Iron	57-2	333	383	444	387	14.38	cps
Lead	206-1	550	650	589	596	8.46	cps
Lead	207-1	572	483	561	539	8.99	cps
Lead	208-1	2545	2439	2383	2456	3.33	cps
Lithium	6-1	4937876	4968621	4893667	4933388	0.76	cps
Magnesium	24-2	358	392	500	417	17.78	cps
Manganese	55-2	123	67	70	87	36.69	cps

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	PB112089BL	Instrumnet Name :	P7
Client Sample ID :	PB112089BL	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 17:55:57	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1675	1892	1592	1720	9.01	cps
Molybdenum	95-1	1900	1875	1692	1822	6.24	cps
Molybdenum	96-1	2084	2217	1867	2056	8.59	cps
Molybdenum	97-1	1200	1025	1217	1147	9.26	cps
Molybdenum	98-1	2950	3092	2767	2937	5.55	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	117	113	107	112	4.54	cps
Phosphorus	31-2	483	633	550	556	13.53	cps
Potassium	39-2	41852	41225	41007	41362	1.06	cps
Rhodium	103-1	17014760	16966564	16940893	16974072	0.22	cps
Rhodium	103-2	8226951	8359793	8614761	8400502	2.35	cps
Scandium	45-1	11526732	11611212	11429598	11522514	0.79	cps
Scandium	45-2	536163	539037	559729	544976	2.36	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	111	111	111	111	0.00	cps
Selenium	82-1	12	-56	-58	-34	-118.00	cps
Silicon	28-1	341482	341654	341791	341642	0.05	cps
Silver	109-1	333	233	242	269	20.59	cps
Silver	107-1	367	325	350	347	6.04	cps
Sodium	23-2	31726	32010	31392	31709	0.98	cps
Strontium	86-1	975	1192	1092	1086	9.98	cps
Strontium	88-1	258	233	125	206	34.48	cps
Sulfur	34-1	512750	521265	514060	516025	0.89	cps
Terbium	159-1	23233288	23186278	23231400	23216989	0.11	cps
Terbium	159-2	11001114	11124034	11465624	11196924	2.15	cps
Thallium	203-1	500	500	350	450	19.25	cps
Thallium	205-1	1208	1225	1050	1161	8.32	cps
Tin	118-1	1617	1675	1717	1670	3.01	cps
Titanium	47-1	158	125	208	164	25.59	cps
Uranium	238-1	108	92	75	92	18.18	cps
Vanadium	51-2	23	7	20	17	52.90	cps
Yttrium	89-1	18873841	18864435	18705388	18814555	0.50	cps
Yttrium	89-2	2749366	2797043	2889455	2811955	2.53	cps
Zinc	66-2	2544	2540	2447	2510	2.19	cps
Zirconium	90-1	1750	2167	1659	1859	14.58	cps

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	PB112089BL	Instrumnet Name :	P7
Client Sample ID :	PB112089BL	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 17:55:57	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	342	325	383	350	8.58	cps

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	PB112089BS	Instrumnet Name :	P7
Client Sample ID :	PB112089BS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 17:59:32	DataFile Name :	021LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1480009	1488342	1500907	1489753	0.71	cps
Antimony	121-1	6765868	6796613	6824621	6795701	0.43	cps
Arsenic	75-2	247967	250997	252923	250629	1.00	cps
Barium	135-1	8429143	8385551	8487297	8433997	0.61	cps
Barium	137-1	14489846	14536379	14659063	14561763	0.60	cps
Beryllium	9-1	1537089	1553382	1547132	1545868	0.53	cps
Bismuth	209-1	14270567	14267983	14392207	14310252	0.50	cps
Bismuth	209-2	7931536	8027398	7995432	7984789	0.61	cps
Boron	10-1	210162	214807	222212	215727	2.82	cps
Boron	11-1	1005336	1019035	1056504	1026958	2.58	cps
Cadmium	111-1	1838396	1860735	1877916	1859016	1.07	cps
Cadmium	106-1	207241	213104	212562	210969	1.54	cps
Cadmium	108-1	140244	141623	140475	140781	0.52	cps
Calcium	43-1	2086701	2131259	2134695	2117552	1.26	cps
Calcium	44-1	34407205	34860453	35220216	34829291	1.17	cps
Chromium	52-2	2249996	2275948	2283918	2269954	0.78	cps
Cobalt	59-2	3682369	3727285	3724874	3711509	0.68	cps
Copper	63-2	5239336	5280367	5274875	5264860	0.42	cps
Dysprosium	156-1	133	142	108	128	13.57	cps
Dysprosium	156-2	90	117	127	111	17.06	cps
Erbium	164-1	92	142	75	103	33.76	cps
Erbium	164-2	33	33	27	31	12.36	cps
Gadolinium	160-1	200	192	208	200	4.16	cps
Gadolinium	160-2	320	350	307	326	6.82	cps
Holmium	165-1	22976462	23299354	23299479	23191765	0.80	cps
Holmium	165-2	11491011	11512521	11601457	11534996	0.51	cps
Indium	115-1	17649582	17914509	17826987	17797026	0.76	cps
Indium	115-2	3567773	3593764	3602949	3588162	0.51	cps
Iron	56-2	96128138	96800349	96579938	96502809	0.36	cps
Iron	57-2	2356784	2396734	2400443	2384654	1.02	cps
Lead	206-1	5622506	5718924	5664053	5668494	0.85	cps
Lead	207-1	5100520	5088904	5088240	5092554	0.14	cps
Lead	208-1	22888053	22845378	22918705	22884045	0.16	cps
Lithium	6-1	4886720	4931153	4883889	4900587	0.54	cps
Magnesium	24-2	18337236	18494010	18590201	18473816	0.69	cps
Manganese	55-2	2676806	2705236	2701249	2694430	0.57	cps

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	PB112089BS	Instrumnet Name :	P7
Client Sample ID :	PB112089BS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 17:59:32	DataFile Name :	021LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	14207343	14328211	14266068	14267207	0.42	cps
Molybdenum	95-1	17556092	17553098	17531286	17546825	0.08	cps
Molybdenum	96-1	19482243	19493056	19454828	19476709	0.10	cps
Molybdenum	97-1	10804240	10818540	10811843	10811541	0.07	cps
Molybdenum	98-1	28254578	28273816	28462951	28330448	0.41	cps
Neodymium	150-1	673	547	620	613	10.37	cps
Neodymium	150-2	40	60	37	46	27.70	cps
Nickel	60-2	967844	987864	992254	982654	1.32	cps
Phosphorus	31-2	88605	89493	88001	88700	0.85	cps
Potassium	39-2	8409566	8521513	8523373	8484817	0.77	cps
Rhodium	103-1	16166231	16302231	16379014	16282492	0.66	cps
Rhodium	103-2	8105278	8149208	8197086	8150524	0.56	cps
Scandium	45-1	11325421	11447517	11517022	11429987	0.85	cps
Scandium	45-2	543376	548116	551996	547829	0.79	cps
Selenium	77-2	6605	6858	6452	6638	3.10	cps
Selenium	78-2	22403	22184	22384	22323	0.54	cps
Selenium	82-1	134165	136252	136711	135709	1.00	cps
Silicon	28-1	5784941	5905684	5997343	5895989	1.81	cps
Silver	109-1	8472591	8479480	8526914	8492995	0.35	cps
Silver	107-1	8916160	8883475	8908689	8902774	0.19	cps
Sodium	23-2	34268424	34663977	34647663	34526688	0.65	cps
Strontium	86-1	2195339	2214896	2219011	2209749	0.57	cps
Strontium	88-1	19494119	19604405	19656994	19585173	0.42	cps
Sulfur	34-1	1240048	1229979	1231602	1233876	0.44	cps
Terbium	159-1	23748901	23845429	23541298	23711876	0.66	cps
Terbium	159-2	11443585	11477652	11494802	11472013	0.23	cps
Thallium	203-1	6831893	6986397	6955889	6924726	1.18	cps
Thallium	205-1	16427261	16686354	16608407	16574007	0.80	cps
Tin	118-1	5729480	5823956	5803077	5785504	0.86	cps
Titanium	47-1	4822957	4935312	4887633	4881968	1.16	cps
Uranium	238-1	23825298	24144486	24139855	24036547	0.76	cps
Vanadium	51-2	1810020	1835626	1840673	1828773	0.90	cps
Yttrium	89-1	18541642	18685176	18717916	18648245	0.50	cps
Yttrium	89-2	2798877	2837262	2836775	2824304	0.78	cps
Zinc	66-2	761855	768791	769601	766749	0.56	cps
Zirconium	90-1	11833872	11922955	11901980	11886269	0.39	cps

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	PB112089BS	Instrumnet Name :	P7
Client Sample ID :	PB112089BS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 17:59:32	DataFile Name :	021LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2566788	2621004	2612920	2600237	1.12	cps

LB Number : LB97328 Operator : Jaswal
 Lab Sample ID : J4493-01 Instrumnet Name : P7
 Client Sample ID : 62B-FL1-CB128-W4-CS1 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-15 18:03:08 DataFile Name : 022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6510677	6412388	6441478	6454848	0.78	cps
Antimony	121-1	9895	10254	10304	10151	2.20	cps
Arsenic	75-2	1376	1404	1302	1361	3.87	cps
Barium	135-1	142498	143249	142246	142664	0.37	cps
Barium	137-1	250003	247356	250163	249174	0.63	cps
Beryllium	9-1	378	417	406	400	5.01	cps
Bismuth	209-1	18150540	18366063	18135213	18217272	0.71	cps
Bismuth	209-2	9554312	9719410	9649491	9641071	0.86	cps
Boron	10-1	14274	13690	11980	13315	8.95	cps
Boron	11-1	65234	62497	61300	63010	3.20	cps
Cadmium	111-1	8926	8490	9021	8812	3.21	cps
Cadmium	106-1	10596	10046	10496	10379	2.82	cps
Cadmium	108-1	1238	1346	1133	1239	8.58	cps
Calcium	43-1	327502	325943	330322	327922	0.68	cps
Calcium	44-1	5436027	5436202	5453553	5441928	0.19	cps
Chromium	52-2	26911	27038	26861	26937	0.34	cps
Cobalt	59-2	16293	16590	16276	16386	1.08	cps
Copper	63-2	206103044	205644997	203578417	205108819	0.66	cps
Dysprosium	156-1	1492	1542	1467	1500	2.55	cps
Dysprosium	156-2	920	767	820	836	9.32	cps
Erbium	164-1	1642	1584	2300	1842	21.61	cps
Erbium	164-2	763	783	770	772	1.32	cps
Gadolinium	160-1	1809	2125	1934	1956	8.16	cps
Gadolinium	160-2	1433	1237	1330	1333	7.38	cps
Holmium	165-1	26153766	26623889	26144544	26307400	1.04	cps
Holmium	165-2	12514248	12450548	12674499	12546431	0.92	cps
Indium	115-1	20678572	21078166	20726577	20827772	1.05	cps
Indium	115-2	4006539	4000716	4044183	4017146	0.59	cps
Iron	56-2	18026692	17796396	17829018	17884035	0.70	cps
Iron	57-2	445076	443003	436392	441490	1.03	cps
Lead	206-1	493050	488817	490609	490825	0.43	cps
Lead	207-1	414030	411982	411261	412425	0.35	cps
Lead	208-1	1916118	1920137	1917874	1918043	0.11	cps
Lithium	6-1	5693526	5748359	5609633	5683839	1.23	cps
Magnesium	24-2	551639	546006	544250	547299	0.71	cps
Manganese	55-2	884159	874130	881047	879779	0.58	cps

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	J4493-01	Instrumnet Name :	P7
Client Sample ID :	62B-FL1-CB128-W4-CS1	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 18:03:08	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	13390	13140	12556	13029	3.28	cps
Molybdenum	95-1	10037	9195	7752	8995	12.85	cps
Molybdenum	96-1	12539	11564	10313	11472	9.73	cps
Molybdenum	97-1	6135	5735	5135	5668	8.88	cps
Molybdenum	98-1	16360	14274	13257	14630	10.81	cps
Neodymium	150-1	1573	1620	1560	1585	1.99	cps
Neodymium	150-2	560	640	563	588	7.70	cps
Nickel	60-2	287072	285763	286480	286439	0.23	cps
Phosphorus	31-2	80174	79287	78364	79275	1.14	cps
Potassium	39-2	259236	260711	261440	260462	0.43	cps
Rhodium	103-1	19064773	19514829	19258208	19279270	1.17	cps
Rhodium	103-2	9389580	9341217	9403034	9377943	0.35	cps
Scandium	45-1	13209283	13491906	13242422	13314537	1.16	cps
Scandium	45-2	630453	622146	629863	627487	0.74	cps
Selenium	77-2	20	10	3	11	75.52	cps
Selenium	78-2	100	122	130	117	13.15	cps
Selenium	82-1	211	198	96	168	37.46	cps
Silicon	28-1	17657875	17431117	17276927	17455307	1.10	cps
Silver	109-1	6085	6452	6610	6382	4.22	cps
Silver	107-1	6493	7094	7944	7177	10.16	cps
Sodium	23-2	8602441	8575930	8537088	8571820	0.38	cps
Strontium	86-1	126134	125158	126940	126077	0.71	cps
Strontium	88-1	1072981	1074497	1084376	1077285	0.57	cps
Sulfur	34-1	550682	549711	546247	548880	0.42	cps
Terbium	159-1	26870331	27456074	26735650	27020685	1.42	cps
Terbium	159-2	12570746	12607029	12642157	12606644	0.28	cps
Thallium	203-1	3651	3050	2650	3117	16.15	cps
Thallium	205-1	8195	7135	6752	7361	10.15	cps
Tin	118-1	19319282	19299338	19699850	19439490	1.16	cps
Titanium	47-1	16735	16151	16235	16374	1.93	cps
Uranium	238-1	15585	14467	14659	14904	4.01	cps
Vanadium	51-2	3821	3417	3390	3543	6.80	cps
Yttrium	89-1	21540954	22045516	21716484	21767651	1.18	cps
Yttrium	89-2	3223623	3201353	3248491	3224489	0.73	cps
Zinc	66-2	12132033	12082279	12004481	12072931	0.53	cps
Zirconium	90-1	22002	30833	22936	25257	19.21	cps

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	J4493-01	Instrumnet Name :	P7
Client Sample ID :	62B-FL1-CB128-W4-CS1	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 18:03:08	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	4934	4818	4876	4876	1.20	cps

LB Number : LB97328 Operator : Jaswal
 Lab Sample ID : J4493-01DUP Instrumnet Name : P7
 Client Sample ID : 62B-FL1-CB128-W4-CS1 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-15 18:06:45 DataFile Name : 023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6379915	6325804	6355999	6353906	0.43	cps
Antimony	121-1	7611	8770	8645	8342	7.63	cps
Arsenic	75-2	1254	1361	1300	1305	4.13	cps
Barium	135-1	142204	140823	139679	140902	0.90	cps
Barium	137-1	246693	246354	246526	246524	0.07	cps
Beryllium	9-1	344	272	261	293	15.47	cps
Bismuth	209-1	18030102	18057220	17969989	18019104	0.25	cps
Bismuth	209-2	9615030	9481012	9559483	9551842	0.70	cps
Boron	10-1	9270	10095	9428	9598	4.57	cps
Boron	11-1	46840	46974	45528	46447	1.72	cps
Cadmium	111-1	8810	8076	8383	8423	4.38	cps
Cadmium	106-1	10312	9537	10062	9971	3.97	cps
Cadmium	108-1	1263	1404	1421	1363	6.39	cps
Calcium	43-1	333046	327087	327495	329209	1.01	cps
Calcium	44-1	5441648	5385084	5369217	5398650	0.71	cps
Chromium	52-2	27309	26447	26197	26651	2.19	cps
Cobalt	59-2	16089	15982	16293	16121	0.98	cps
Copper	63-2	202708424	201224997	200639830	201524417	0.53	cps
Dysprosium	156-1	1559	1575	1800	1645	8.21	cps
Dysprosium	156-2	773	890	787	817	7.82	cps
Erbium	164-1	1867	1717	1542	1709	9.52	cps
Erbium	164-2	843	937	833	871	6.54	cps
Gadolinium	160-1	1884	2125	1800	1936	8.72	cps
Gadolinium	160-2	1253	1253	1360	1289	4.78	cps
Holmium	165-1	26109577	25938459	26215330	26087789	0.54	cps
Holmium	165-2	12489165	12416981	12442226	12449457	0.29	cps
Indium	115-1	20555293	20471759	20583793	20536949	0.28	cps
Indium	115-2	3950158	3899096	3917674	3922309	0.66	cps
Iron	56-2	17634291	17451338	17568046	17551225	0.53	cps
Iron	57-2	438919	433213	428129	433420	1.25	cps
Lead	206-1	493885	491909	492476	492756	0.21	cps
Lead	207-1	418791	407550	407280	411207	1.60	cps
Lead	208-1	1931288	1919852	1911203	1920781	0.52	cps
Lithium	6-1	5594825	5566423	5587530	5582926	0.26	cps
Magnesium	24-2	542652	543878	545510	544013	0.26	cps
Manganese	55-2	868313	862068	862169	864183	0.41	cps

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	J4493-01DUP	Instrumnet Name :	P7
Client Sample ID :	62B-FL1-CB128-W4-CS1	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 18:06:45	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	10004	9062	9020	9362	5.94	cps
Molybdenum	95-1	3326	3659	3100	3362	8.36	cps
Molybdenum	96-1	4876	5084	5260	5073	3.78	cps
Molybdenum	97-1	2125	2009	1942	2025	4.58	cps
Molybdenum	98-1	5735	5485	4884	5368	8.14	cps
Neodymium	150-1	1520	1527	1547	1531	0.91	cps
Neodymium	150-2	593	567	573	578	2.40	cps
Nickel	60-2	282611	280278	282358	281749	0.45	cps
Phosphorus	31-2	76764	76337	77250	76784	0.60	cps
Potassium	39-2	253344	250894	251631	251956	0.50	cps
Rhodium	103-1	18982646	18934193	18945778	18954205	0.13	cps
Rhodium	103-2	9302233	9158426	9149194	9203284	0.93	cps
Scandium	45-1	13254571	13050906	13085703	13130393	0.83	cps
Scandium	45-2	616996	603012	611994	610667	1.16	cps
Selenium	77-2	10	7	10	9	21.63	cps
Selenium	78-2	122	120	113	119	4.13	cps
Selenium	82-1	184	161	216	187	14.74	cps
Silicon	28-1	17251740	17276783	17374388	17300970	0.37	cps
Silver	109-1	6310	6177	6327	6271	1.31	cps
Silver	107-1	7060	6869	6535	6821	3.90	cps
Sodium	23-2	8565023	8458009	8569005	8530679	0.74	cps
Strontium	86-1	124890	122909	122871	123556	0.93	cps
Strontium	88-1	1070860	1069170	1069266	1069765	0.09	cps
Sulfur	34-1	521714	520914	518260	520296	0.35	cps
Terbium	159-1	26633160	26738503	26631015	26667559	0.23	cps
Terbium	159-2	12528941	12381029	12426924	12445632	0.61	cps
Thallium	203-1	1342	1425	1367	1378	3.10	cps
Thallium	205-1	3551	3442	3267	3420	4.18	cps
Tin	118-1	19992492	19402287	19194541	19529773	2.12	cps
Titanium	47-1	15167	15742	14825	15245	3.04	cps
Uranium	238-1	14851	14567	14475	14631	1.34	cps
Vanadium	51-2	3631	3624	3524	3593	1.66	cps
Yttrium	89-1	21434095	21421085	21499038	21451406	0.19	cps
Yttrium	89-2	3134647	3098419	3117124	3116730	0.58	cps
Zinc	66-2	11874354	11875961	11857543	11869286	0.09	cps
Zirconium	90-1	23521	21651	21792	22322	4.67	cps

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	J4493-01DUP	Instrumnet Name :	P7
Client Sample ID :	62B-FL1-CB128-W4-CS1	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 18:06:45	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	4668	4351	4893	4637	5.87	cps

LB Number : LB97328 Operator : Jaswal
 Lab Sample ID : J4493-01LX5 Instrumnet Name : P7
 Client Sample ID : 62B-FL1-CB128-W4-CS1 Dilution Factor : 5
 Date & Time Acquired :: 2018-08-15 18:10:22 DataFile Name : 024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1195720	1181731	1192695	1190049	0.62	cps
Antimony	121-1	2100	2184	1925	2070	6.37	cps
Arsenic	75-2	293	293	269	285	4.89	cps
Barium	135-1	26818	26075	26534	26476	1.42	cps
Barium	137-1	46027	46286	46027	46113	0.32	cps
Beryllium	9-1	306	178	117	200	48.20	cps
Bismuth	209-1	15491356	15573560	15460583	15508500	0.38	cps
Bismuth	209-2	8398187	8388413	8400003	8395534	0.07	cps
Boron	10-1	4393	4401	3876	4223	7.12	cps
Boron	11-1	20248	19872	19155	19758	2.81	cps
Cadmium	111-1	5665	5543	5435	5548	2.07	cps
Cadmium	106-1	7686	7419	7336	7480	2.45	cps
Cadmium	108-1	213	250	208	224	10.26	cps
Calcium	43-1	61396	60533	60123	60684	1.07	cps
Calcium	44-1	1019318	996188	999907	1005138	1.24	cps
Chromium	52-2	6081	5898	5675	5885	3.46	cps
Cobalt	59-2	3124	3050	3037	3070	1.52	cps
Copper	63-2	38344027	38401755	38399827	38381870	0.09	cps
Dysprosium	156-1	250	375	325	317	19.87	cps
Dysprosium	156-2	213	167	200	193	12.43	cps
Erbium	164-1	358	292	392	347	14.66	cps
Erbium	164-2	190	180	230	200	13.23	cps
Gadolinium	160-1	483	500	425	469	8.39	cps
Gadolinium	160-2	460	543	503	502	8.30	cps
Holmium	165-1	23693173	23466482	23523460	23561039	0.50	cps
Holmium	165-2	11537471	11502659	11591094	11543741	0.39	cps
Indium	115-1	18809761	18716312	18723633	18749902	0.28	cps
Indium	115-2	3657385	3665981	3684092	3669153	0.37	cps
Iron	56-2	3318644	3322402	3331968	3324338	0.21	cps
Iron	57-2	82135	82519	81989	82214	0.33	cps
Lead	206-1	96464	93599	95261	95108	1.51	cps
Lead	207-1	78078	77698	79163	78313	0.97	cps
Lead	208-1	370489	365799	368543	368277	0.64	cps
Lithium	6-1	5146407	5087667	5092130	5108735	0.64	cps
Magnesium	24-2	102767	101760	101861	102129	0.54	cps
Manganese	55-2	163514	163712	163952	163726	0.13	cps

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	J4493-01LX5	Instrumnet Name :	P7
Client Sample ID :	62B-FL1-CB128-W4-CS1	Dilution Factor :	5
Date & Time Acquired ::	2018-08-15 18:10:22	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3151	2642	2492	2762	12.51	cps
Molybdenum	95-1	2317	1558	1317	1731	30.17	cps
Molybdenum	96-1	2684	2117	1917	2239	17.77	cps
Molybdenum	97-1	1259	1042	958	1086	14.27	cps
Molybdenum	98-1	3359	2509	2525	2798	17.39	cps
Neodymium	150-1	307	340	293	313	7.67	cps
Neodymium	150-2	93	103	163	120	31.55	cps
Nickel	60-2	53732	54297	53290	53773	0.94	cps
Phosphorus	31-2	14741	14382	15250	14791	2.95	cps
Potassium	39-2	77804	78424	77830	78019	0.45	cps
Rhodium	103-1	17157161	17261807	17250097	17223022	0.33	cps
Rhodium	103-2	8625695	8581213	8473123	8560010	0.92	cps
Scandium	45-1	11815039	11697649	11701421	11738036	0.57	cps
Scandium	45-2	554875	552611	557360	554949	0.43	cps
Selenium	77-2	7	7	3	6	34.70	cps
Selenium	78-2	130	94	85	103	22.74	cps
Selenium	82-1	75	55	68	66	15.61	cps
Silicon	28-1	3513641	3432735	3489574	3478650	1.19	cps
Silver	109-1	1984	1625	1575	1728	12.89	cps
Silver	107-1	2026	1950	1750	1909	7.45	cps
Sodium	23-2	1590515	1587669	1596069	1591417	0.27	cps
Strontium	86-1	23837	24163	23403	23801	1.60	cps
Strontium	88-1	202493	198834	197364	199564	1.32	cps
Sulfur	34-1	392049	388680	388027	389585	0.55	cps
Terbium	159-1	24037269	24231780	23995646	24088232	0.52	cps
Terbium	159-2	11506269	11481864	11419709	11469280	0.39	cps
Thallium	203-1	492	375	450	439	13.47	cps
Thallium	205-1	1267	800	975	1014	23.26	cps
Tin	118-1	3642193	3553638	3749047	3648293	2.68	cps
Titanium	47-1	3768	3000	2925	3231	14.43	cps
Uranium	238-1	2659	2834	3226	2906	9.99	cps
Vanadium	51-2	683	710	2892	1428	88.73	cps
Yttrium	89-1	19126741	19267876	19087543	19160720	0.50	cps
Yttrium	89-2	2851277	2856147	2847500	2851641	0.15	cps
Zinc	66-2	2138308	2151796	2161408	2150504	0.54	cps
Zirconium	90-1	6044	5268	5135	5482	8.96	cps

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	J4493-01LX5	Instrumnet Name :	P7
Client Sample ID :	62B-FL1-CB128-W4-CS1	Dilution Factor :	5
Date & Time Acquired ::	2018-08-15 18:10:22	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1200	925	1167	1097	13.68	cps

LB Number : LB97328 Operator : Jaswal
 Lab Sample ID : J4493-01MS Instrumnet Name : P7
 Client Sample ID : 62B-FL1-CB128-W4-CS1 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-15 18:13:56 DataFile Name : 025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6655196	6625108	6643227	6641177	0.23	cps
Antimony	121-1	11070136	10953277	10874495	10965970	0.90	cps
Arsenic	75-2	441636	440982	441891	441503	0.11	cps
Barium	135-1	906529	897124	904943	902865	0.56	cps
Barium	137-1	1593229	1582378	1580929	1585512	0.42	cps
Beryllium	9-1	712894	698967	706286	706049	0.99	cps
Bismuth	209-1	18093918	17842595	17914211	17950241	0.72	cps
Bismuth	209-2	9385574	9387080	9344214	9372289	0.26	cps
Boron	10-1	151894	151590	155956	153146	1.59	cps
Boron	11-1	714137	734243	740068	729483	1.87	cps
Cadmium	111-1	866116	868891	872737	869248	0.38	cps
Cadmium	106-1	87696	88359	87328	87794	0.60	cps
Cadmium	108-1	59064	58780	59081	58975	0.29	cps
Calcium	43-1	377751	373068	376310	375710	0.64	cps
Calcium	44-1	6194531	6102607	6098799	6131979	0.88	cps
Chromium	52-2	2045801	2041436	2045371	2044203	0.12	cps
Cobalt	59-2	1685217	1683246	1693254	1687239	0.31	cps
Copper	63-2	199342377	200293224	200513137	200049579	0.31	cps
Dysprosium	156-1	720322	716972	719923	719072	0.25	cps
Dysprosium	156-2	207038	206521	207783	207114	0.31	cps
Erbium	164-1	1684	1642	2009	1778	11.29	cps
Erbium	164-2	860	910	883	884	2.83	cps
Gadolinium	160-1	2142	2167	2209	2173	1.55	cps
Gadolinium	160-2	1323	1200	1297	1273	5.10	cps
Holmium	165-1	25741798	25978155	25781583	25833846	0.49	cps
Holmium	165-2	12330006	12197026	12244289	12257107	0.55	cps
Indium	115-1	19794116	19662327	19740716	19732387	0.34	cps
Indium	115-2	3760930	3770395	3814078	3781801	0.75	cps
Iron	56-2	30268935	30269493	30477847	30338758	0.40	cps
Iron	57-2	750597	745836	751812	749415	0.42	cps
Lead	206-1	13472493	13407717	13325728	13401980	0.55	cps
Lead	207-1	11888585	11795134	11716107	11799942	0.73	cps
Lead	208-1	53956833	53484814	53216787	53552811	0.70	cps
Lithium	6-1	5580195	5495882	5484953	5520343	0.94	cps
Magnesium	24-2	1346898	1343138	1351783	1347273	0.32	cps
Manganese	55-2	1429879	1431527	1439313	1433573	0.35	cps

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	J4493-01MS	Instrumnet Name :	P7
Client Sample ID :	62B-FL1-CB128-W4-CS1	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 18:13:56	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1683357	1697605	1693518	1691493	0.43	cps
Molybdenum	95-1	3005900	3005433	2992580	3001305	0.25	cps
Molybdenum	96-1	3230419	3191786	3193008	3205071	0.69	cps
Molybdenum	97-1	1825396	1828344	1835671	1829804	0.29	cps
Molybdenum	98-1	4876312	4871025	4845873	4864403	0.33	cps
Neodymium	150-1	1874	1647	1540	1687	10.09	cps
Neodymium	150-2	583	610	623	606	3.36	cps
Nickel	60-2	1383187	1385461	1390574	1386407	0.27	cps
Phosphorus	31-2	134897	132526	134074	133832	0.90	cps
Potassium	39-2	4010415	4007365	4026249	4014676	0.25	cps
Rhodium	103-1	18390329	18356786	18405360	18384158	0.14	cps
Rhodium	103-2	9004613	8961536	9056255	9007468	0.53	cps
Scandium	45-1	12643307	12681323	12653426	12659352	0.16	cps
Scandium	45-2	599090	602120	608718	603309	0.82	cps
Selenium	77-2	31819	31848	31942	31870	0.20	cps
Selenium	78-2	106541	105432	105823	105932	0.53	cps
Selenium	82-1	667152	660904	664924	664327	0.48	cps
Silicon	28-1	28141100	27430250	27343411	27638253	1.58	cps
Silver	109-1	1449788	1425799	1435328	1436971	0.84	cps
Silver	107-1	1501511	1504799	1497883	1501398	0.23	cps
Sodium	23-2	10821034	10848417	10912541	10860664	0.43	cps
Strontium	86-1	1109911	1124910	1120435	1118419	0.69	cps
Strontium	88-1	9877681	9811071	9808361	9832371	0.40	cps
Sulfur	34-1	511405	501642	505064	506037	0.98	cps
Terbium	159-1	26497134	26258236	26256307	26337226	0.53	cps
Terbium	159-2	12247209	12153504	12296534	12232416	0.59	cps
Thallium	203-1	31923739	31817415	31644517	31795224	0.44	cps
Thallium	205-1	75824352	75644864	74880748	75449988	0.66	cps
Tin	118-1	26120134	25706904	25703129	25843389	0.93	cps
Titanium	47-1	445419	449440	447231	447363	0.45	cps
Uranium	238-1	15134	15034	14801	14990	1.14	cps
Vanadium	51-2	1211087	1209685	1215458	1212077	0.25	cps
Yttrium	89-1	20723804	20750311	20754763	20742959	0.08	cps
Yttrium	89-2	3044088	3021538	3063294	3042973	0.69	cps
Zinc	66-2	11871820	11796963	11920644	11863142	0.53	cps
Zirconium	90-1	23830	23821	22093	23248	4.30	cps

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	J4493-01MS	Instrumnet Name :	P7
Client Sample ID :	62B-FL1-CB128-W4-CS1	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 18:13:56	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	6418	6744	6518	6560	2.54	cps

LB Number : LB97328 Operator : Jaswal
 Lab Sample ID : J4493-01MSD Instrumnet Name : P7
 Client Sample ID : 62B-FL1-CB128-W4-CS1 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-15 18:17:35 DataFile Name : 026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6530888	6515405	6563508	6536600	0.38	cps
Antimony	121-1	10980793	10918170	10929989	10942984	0.30	cps
Arsenic	75-2	438689	435339	440263	438097	0.57	cps
Barium	135-1	908017	898104	898967	901696	0.61	cps
Barium	137-1	1563242	1569283	1572383	1568303	0.30	cps
Beryllium	9-1	685409	683970	680094	683158	0.40	cps
Bismuth	209-1	17896826	17765827	17850792	17837815	0.37	cps
Bismuth	209-2	9281604	9192619	9247551	9240591	0.49	cps
Boron	10-1	149327	152530	150479	150779	1.08	cps
Boron	11-1	726509	724648	735710	728956	0.81	cps
Cadmium	111-1	864011	867080	872316	867802	0.48	cps
Cadmium	106-1	85801	87880	87143	86941	1.21	cps
Cadmium	108-1	59332	58738	59056	59042	0.50	cps
Calcium	43-1	365973	365684	368885	366847	0.48	cps
Calcium	44-1	5984301	6005029	6039503	6009611	0.46	cps
Chromium	52-2	2028250	2002727	2022497	2017825	0.66	cps
Cobalt	59-2	1680835	1669201	1682683	1677573	0.44	cps
Copper	63-2	198319404	195290384	197015944	196875244	0.77	cps
Dysprosium	156-1	712417	717111	714550	714693	0.33	cps
Dysprosium	156-2	204138	201950	202309	202799	0.58	cps
Erbium	164-1	2026	2125	1792	1981	8.64	cps
Erbium	164-2	853	837	893	861	3.38	cps
Gadolinium	160-1	2192	2534	2175	2300	8.81	cps
Gadolinium	160-2	1287	1190	1330	1269	5.65	cps
Holmium	165-1	25903417	25861369	26054223	25939670	0.39	cps
Holmium	165-2	12425365	12133879	12171396	12243547	1.30	cps
Indium	115-1	19924306	20054985	20126241	20035177	0.51	cps
Indium	115-2	3818208	3786622	3808542	3804458	0.43	cps
Iron	56-2	30134690	29685472	29735462	29851875	0.82	cps
Iron	57-2	738513	733199	737108	736273	0.37	cps
Lead	206-1	13234058	13060992	13119627	13138225	0.67	cps
Lead	207-1	11594427	11422476	11494712	11503872	0.75	cps
Lead	208-1	52883002	52175546	52502671	52520406	0.67	cps
Lithium	6-1	5450769	5452954	5396368	5433364	0.59	cps
Magnesium	24-2	1333520	1323084	1341063	1332556	0.68	cps
Manganese	55-2	1412109	1408338	1410674	1410374	0.13	cps

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	J4493-01MSD	Instrumnet Name :	P7
Client Sample ID :	62B-FL1-CB128-W4-CS1	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 18:17:35	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1679362	1677542	1697899	1684934	0.67	cps
Molybdenum	95-1	2971650	2964826	2987632	2974702	0.39	cps
Molybdenum	96-1	3183159	3176083	3199986	3186409	0.39	cps
Molybdenum	97-1	1806803	1813339	1834013	1818052	0.78	cps
Molybdenum	98-1	4918696	4821238	4868475	4869470	1.00	cps
Neodymium	150-1	1727	1600	1700	1676	3.99	cps
Neodymium	150-2	593	500	540	544	8.60	cps
Nickel	60-2	1380564	1367208	1364882	1370885	0.62	cps
Phosphorus	31-2	132223	134418	132316	132986	0.93	cps
Potassium	39-2	3980924	4004623	4013225	3999591	0.42	cps
Rhodium	103-1	18549720	18493422	18532528	18525223	0.16	cps
Rhodium	103-2	9126835	9027852	9007425	9054037	0.71	cps
Scandium	45-1	12610329	12648097	12819996	12692808	0.88	cps
Scandium	45-2	610535	608873	603514	607641	0.60	cps
Selenium	77-2	31317	30756	31514	31196	1.26	cps
Selenium	78-2	105267	104984	104732	104994	0.26	cps
Selenium	82-1	663219	659632	670435	664429	0.83	cps
Silicon	28-1	27025199	27240777	26576932	26947636	1.26	cps
Silver	109-1	1422822	1427935	1449034	1433263	0.97	cps
Silver	107-1	1482795	1502242	1501040	1495359	0.73	cps
Sodium	23-2	10751677	10622807	10775168	10716550	0.77	cps
Strontium	86-1	1119387	1107290	1116535	1114404	0.57	cps
Strontium	88-1	9843581	9728908	9774317	9782269	0.59	cps
Sulfur	34-1	510963	513532	516916	513804	0.58	cps
Terbium	159-1	26485487	26363713	26379206	26409469	0.25	cps
Terbium	159-2	12086890	12150299	12177005	12138065	0.38	cps
Thallium	203-1	31279372	31180763	30966219	31142118	0.51	cps
Thallium	205-1	74413352	73388939	73710718	73837670	0.71	cps
Tin	118-1	25909971	25778263	25426942	25705059	0.97	cps
Titanium	47-1	437367	440093	453519	443660	1.95	cps
Uranium	238-1	13775	13950	14233	13986	1.66	cps
Vanadium	51-2	1205886	1199778	1204525	1203396	0.27	cps
Yttrium	89-1	21074130	20985062	21093110	21050767	0.27	cps
Yttrium	89-2	3077102	3054337	3058296	3063245	0.40	cps
Zinc	66-2	11653305	11531081	11566584	11583657	0.54	cps
Zirconium	90-1	23488	22887	21425	22600	4.69	cps

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	J4493-01MSD	Instrumnet Name :	P7
Client Sample ID :	62B-FL1-CB128-W4-CS1	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 18:17:35	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	6293	6268	5943	6168	3.17	cps

LB Number : LB97328 Operator : Jaswal
 Lab Sample ID : J4493-01A Instrumnet Name : P7
 Client Sample ID : 62B-FL1-CB128-W4-CS1 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-15 18:21:12 DataFile Name : 027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6645530	6680485	6660541	6662185	0.26	cps
Antimony	121-1	11158290	11096139	11079570	11111333	0.37	cps
Arsenic	75-2	446403	446792	449721	447639	0.41	cps
Barium	135-1	916618	915831	921350	917933	0.33	cps
Barium	137-1	1588140	1587553	1604488	1593394	0.60	cps
Beryllium	9-1	691871	687645	678147	685888	1.02	cps
Bismuth	209-1	17827605	17815226	17495521	17712784	1.06	cps
Bismuth	209-2	9162688	9230425	9167622	9186912	0.41	cps
Boron	10-1	149663	154451	156521	153545	2.29	cps
Boron	11-1	727950	732287	742355	734197	1.01	cps
Cadmium	111-1	879543	886476	882976	882998	0.39	cps
Cadmium	106-1	87705	88359	88426	88163	0.45	cps
Cadmium	108-1	59746	59642	60056	59815	0.36	cps
Calcium	43-1	379120	375335	376683	377046	0.51	cps
Calcium	44-1	6198211	6206835	6153464	6186170	0.46	cps
Chromium	52-2	2066080	2071244	2080388	2072571	0.35	cps
Cobalt	59-2	1702093	1715811	1714361	1710755	0.44	cps
Copper	63-2	201448004	202464604	202227324	202046644	0.26	cps
Dysprosium	156-1	725382	724230	730600	726737	0.47	cps
Dysprosium	156-2	205800	206530	205988	206106	0.18	cps
Erbium	164-1	1867	2084	1950	1967	5.56	cps
Erbium	164-2	900	980	803	894	9.89	cps
Gadolinium	160-1	2059	2375	2234	2223	7.14	cps
Gadolinium	160-2	1243	1327	1303	1291	3.33	cps
Holmium	165-1	25674490	26088407	25739879	25834259	0.86	cps
Holmium	165-2	12166290	12157097	12229045	12184144	0.32	cps
Indium	115-1	20073123	20180819	19983913	20079285	0.49	cps
Indium	115-2	3777202	3795704	3837733	3803546	0.82	cps
Iron	56-2	30634753	30500492	30739410	30624885	0.39	cps
Iron	57-2	750415	756086	756101	754201	0.43	cps
Lead	206-1	13329610	13207737	13142675	13226674	0.72	cps
Lead	207-1	11720679	11526922	11493519	11580373	1.06	cps
Lead	208-1	53194386	52820790	52294435	52769870	0.86	cps
Lithium	6-1	5344041	5344153	5289101	5325765	0.60	cps
Magnesium	24-2	1363218	1355957	1359059	1359411	0.27	cps
Manganese	55-2	1443867	1449572	1456881	1450107	0.45	cps

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	J4493-01A	Instrumnet Name :	P7
Client Sample ID :	62B-FL1-CB128-W4-CS1	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 18:21:12	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1698742	1717752	1725258	1713917	0.80	cps
Molybdenum	95-1	3034746	3045689	3047347	3042594	0.23	cps
Molybdenum	96-1	3273128	3281524	3271580	3275411	0.16	cps
Molybdenum	97-1	1867719	1868926	1875238	1870628	0.22	cps
Molybdenum	98-1	4939304	4952585	4931046	4940978	0.22	cps
Neodymium	150-1	1607	1754	1727	1696	4.61	cps
Neodymium	150-2	650	600	633	628	4.06	cps
Nickel	60-2	1403630	1405952	1414239	1407941	0.40	cps
Phosphorus	31-2	135107	133862	137478	135482	1.36	cps
Potassium	39-2	4076687	4102749	4094401	4091279	0.33	cps
Rhodium	103-1	18556469	18753652	18599113	18636412	0.56	cps
Rhodium	103-2	8981975	9023560	9133046	9046194	0.86	cps
Scandium	45-1	12716197	12880326	12774841	12790455	0.65	cps
Scandium	45-2	606545	605146	614180	608624	0.80	cps
Selenium	77-2	31484	31859	31541	31628	0.64	cps
Selenium	78-2	106939	106251	108306	107165	0.98	cps
Selenium	82-1	673498	678959	675520	675992	0.41	cps
Silicon	28-1	27640989	27481134	27215243	27445789	0.78	cps
Silver	109-1	1458820	1466224	1458525	1461190	0.30	cps
Silver	107-1	1517797	1537017	1524370	1526395	0.64	cps
Sodium	23-2	11010134	10965259	10994072	10989821	0.21	cps
Strontium	86-1	1135712	1138031	1138676	1137473	0.14	cps
Strontium	88-1	9999534	10038152	9930677	9989454	0.54	cps
Sulfur	34-1	515594	516505	526048	519382	1.11	cps
Terbium	159-1	26519686	26663578	26299198	26494154	0.69	cps
Terbium	159-2	12130596	12158849	12208106	12165851	0.32	cps
Thallium	203-1	31312005	31434981	31180377	31309121	0.41	cps
Thallium	205-1	74570735	74562791	73917964	74350497	0.50	cps
Tin	118-1	26068234	26038575	26797491	26301434	1.63	cps
Titanium	47-1	452679	461024	451793	455165	1.12	cps
Uranium	238-1	14584	14434	14258	14425	1.13	cps
Vanadium	51-2	1228374	1227531	1236158	1230688	0.39	cps
Yttrium	89-1	20997518	21223591	21083653	21101587	0.54	cps
Yttrium	89-2	3068915	3057336	3099074	3075108	0.70	cps
Zinc	66-2	11908577	11895258	11997701	11933846	0.47	cps
Zirconium	90-1	22110	23977	23395	23161	4.12	cps

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	J4493-01A	Instrumnet Name :	P7
Client Sample ID :	62B-FL1-CB128-W4-CS1	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 18:21:12	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	6168	6418	6502	6363	2.73	cps

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	J4493-02	Instrumnet Name :	P7
Client Sample ID :	63B-FL1-116A-W4-CS1	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 18:24:49	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4510	3809	4043	4120	8.66	cps
Antimony	121-1	23087	23337	23295	23240	0.58	cps
Arsenic	75-2	244	259	206	236	11.73	cps
Barium	135-1	58214	59302	58884	58800	0.93	cps
Barium	137-1	102627	101091	101939	101886	0.76	cps
Beryllium	9-1	183	89	161	144	34.19	cps
Bismuth	209-1	16519517	16427936	16425931	16457795	0.32	cps
Bismuth	209-2	8568146	8515673	8401147	8494989	1.01	cps
Boron	10-1	15058	13473	13607	14046	6.26	cps
Boron	11-1	69612	68675	63970	67419	4.48	cps
Cadmium	111-1	5395	5559	5629	5528	2.17	cps
Cadmium	106-1	7586	7777	7911	7758	2.11	cps
Cadmium	108-1	104	92	96	97	6.55	cps
Calcium	43-1	291352	291907	288842	290700	0.56	cps
Calcium	44-1	4863033	4750447	4753339	4788940	1.34	cps
Chromium	52-2	2144	2154	2154	2150	0.27	cps
Cobalt	59-2	577	447	517	513	12.68	cps
Copper	63-2	2612499	2606920	2591038	2603486	0.43	cps
Dysprosium	156-1	108	100	133	114	15.23	cps
Dysprosium	156-2	47	53	43	48	10.66	cps
Erbium	164-1	217	192	142	183	20.83	cps
Erbium	164-2	70	43	63	59	23.57	cps
Gadolinium	160-1	283	242	258	261	8.03	cps
Gadolinium	160-2	323	393	337	351	10.59	cps
Holmium	165-1	26114071	26416856	25901915	26144280	0.99	cps
Holmium	165-2	12130423	12146938	12131674	12136345	0.08	cps
Indium	115-1	21213996	21400291	20981397	21198561	0.99	cps
Indium	115-2	3929208	4000856	3953199	3961087	0.92	cps
Iron	56-2	182847	182447	185623	183639	0.94	cps
Iron	57-2	6179	6163	6274	6205	0.97	cps
Lead	206-1	41699	41677	40585	41320	1.54	cps
Lead	207-1	35219	34885	34952	35019	0.50	cps
Lead	208-1	163349	161835	163583	162922	0.58	cps
Lithium	6-1	5376544	5383644	5260988	5340392	1.29	cps
Magnesium	24-2	478634	481760	479114	479836	0.35	cps
Manganese	55-2	46416	46493	45861	46257	0.75	cps

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	J4493-02	Instrumnet Name :	P7
Client Sample ID :	63B-FL1-116A-W4-CS1	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 18:24:49	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2809	2884	2692	2795	3.46	cps
Molybdenum	95-1	3667	3501	3476	3548	2.94	cps
Molybdenum	96-1	4259	3567	3567	3798	10.52	cps
Molybdenum	97-1	2192	2259	2259	2236	1.72	cps
Molybdenum	98-1	5985	5693	5034	5571	8.74	cps
Neodymium	150-1	140	60	93	98	41.10	cps
Neodymium	150-2	40	30	20	30	33.33	cps
Nickel	60-2	132418	133154	133387	132986	0.38	cps
Phosphorus	31-2	5201	5368	5610	5393	3.81	cps
Potassium	39-2	274487	271814	277991	274764	1.13	cps
Rhodium	103-1	19321207	19458900	19238305	19339471	0.58	cps
Rhodium	103-2	9232620	9313616	9200695	9248977	0.63	cps
Scandium	45-1	13003887	13139905	12991665	13045152	0.63	cps
Scandium	45-2	608043	615617	610956	611539	0.62	cps
Selenium	77-2	7	17	13	12	41.65	cps
Selenium	78-2	106	111	148	122	19.04	cps
Selenium	82-1	156	82	225	154	46.41	cps
Silicon	28-1	10419013	10157452	10002789	10193085	2.06	cps
Silver	109-1	2100	2075	2284	2153	5.28	cps
Silver	107-1	2184	2600	2575	2453	9.53	cps
Sodium	23-2	8713403	8715606	8680353	8703121	0.23	cps
Strontium	86-1	106476	106250	107592	106772	0.67	cps
Strontium	88-1	926252	916247	918071	920190	0.58	cps
Sulfur	34-1	532671	532885	530435	531997	0.26	cps
Terbium	159-1	26556068	26897815	26645291	26699725	0.66	cps
Terbium	159-2	12035087	12103333	12144518	12094313	0.46	cps
Thallium	203-1	3201	2625	2367	2731	15.62	cps
Thallium	205-1	7644	7486	6760	7297	6.46	cps
Tin	118-1	1170347	1111065	1149509	1143641	2.63	cps
Titanium	47-1	1333	1383	2188	1635	29.34	cps
Uranium	238-1	658	475	442	525	22.22	cps
Vanadium	51-2	763	897	880	847	8.58	cps
Yttrium	89-1	21614660	21744587	21240158	21533135	1.22	cps
Yttrium	89-2	3080730	3094845	3058517	3078031	0.59	cps
Zinc	66-2	695559	703415	698003	698992	0.58	cps
Zirconium	90-1	2734	2484	2142	2453	12.11	cps

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	J4493-02	Instrumnet Name :	P7
Client Sample ID :	63B-FL1-116A-W4-CS1	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 18:24:49	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	625	492	492	536	14.36	cps

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	CCV62	Instrumnet Name :	P7
Client Sample ID :	CCV62	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 18:28:22	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7875906	7931479	7952817	7920067	0.50	cps
Antimony	121-1	6546716	6561266	6643449	6583810	0.79	cps
Arsenic	75-2	232012	235317	232448	233259	0.77	cps
Barium	135-1	8260956	8260943	8401692	8307864	0.98	cps
Barium	137-1	14281478	14247621	14451490	14326863	0.76	cps
Beryllium	9-1	1470624	1484426	1499111	1484721	0.96	cps
Bismuth	209-1	13279686	13388947	13344526	13337720	0.41	cps
Bismuth	209-2	7187963	7185049	7217994	7197002	0.25	cps
Boron	10-1	205456	208742	216467	210222	2.69	cps
Boron	11-1	970049	1012013	1033863	1005309	3.23	cps
Cadmium	111-1	1746359	1753097	1758134	1752530	0.34	cps
Cadmium	106-1	201259	203786	201181	202076	0.73	cps
Cadmium	108-1	133122	132562	133123	132936	0.24	cps
Calcium	43-1	10309954	10369631	10407236	10362274	0.47	cps
Calcium	44-1	167868175	169638962	169506037	169004391	0.58	cps
Chromium	52-2	2312461	2301859	2292898	2302406	0.43	cps
Cobalt	59-2	3629240	3636402	3639149	3634930	0.14	cps
Copper	63-2	4906197	4940031	4930350	4925526	0.35	cps
Dysprosium	156-1	192	158	225	192	17.39	cps
Dysprosium	156-2	130	163	133	142	12.91	cps
Erbium	164-1	100	58	67	75	29.39	cps
Erbium	164-2	43	53	57	51	13.58	cps
Gadolinium	160-1	258	242	175	225	19.60	cps
Gadolinium	160-2	347	363	307	339	8.59	cps
Holmium	165-1	22729865	22887519	23022305	22879896	0.64	cps
Holmium	165-2	11056632	11037719	11109402	11067918	0.34	cps
Indium	115-1	16981531	17228082	17144004	17117872	0.73	cps
Indium	115-2	3382050	3371064	3380792	3377969	0.18	cps
Iron	56-2	471823311	471817566	472707755	472116211	0.11	cps
Iron	57-2	11716747	11761012	11766102	11747954	0.23	cps
Lead	206-1	5360897	5442894	5469757	5424516	1.05	cps
Lead	207-1	4852510	4889833	4868446	4870263	0.38	cps
Lead	208-1	21867308	21934757	21952398	21918154	0.20	cps
Lithium	6-1	4716905	4722028	4765485	4734806	0.56	cps
Magnesium	24-2	91465710	91256181	91845194	91522362	0.33	cps
Manganese	55-2	2597094	2598351	2611457	2602301	0.31	cps

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	CCV62	Instrumnet Name :	P7
Client Sample ID :	CCV62	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 18:28:22	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	14167583	14133033	14087132	14129249	0.29	cps
Molybdenum	95-1	17388581	17482196	17354810	17408529	0.38	cps
Molybdenum	96-1	19294216	19399169	19353380	19348922	0.27	cps
Molybdenum	97-1	10673394	10734800	10736238	10714810	0.33	cps
Molybdenum	98-1	27916651	28250841	28152855	28106782	0.61	cps
Neodymium	150-1	607	660	700	656	7.14	cps
Neodymium	150-2	90	77	97	88	11.60	cps
Nickel	60-2	950806	953881	951593	952093	0.17	cps
Phosphorus	31-2	84933	85973	85210	85372	0.63	cps
Potassium	39-2	41635489	42084220	42004180	41907963	0.57	cps
Rhodium	103-1	15295655	15446003	15242010	15327889	0.69	cps
Rhodium	103-2	7570521	7588687	7627932	7595713	0.39	cps
Scandium	45-1	11169345	11156708	11231131	11185728	0.36	cps
Scandium	45-2	537142	536861	540611	538205	0.39	cps
Selenium	77-2	5838	6085	6008	5977	2.11	cps
Selenium	78-2	20073	20173	20235	20160	0.40	cps
Selenium	82-1	124911	124205	124436	124517	0.29	cps
Silicon	28-1	5699055	5856458	5927716	5827743	2.01	cps
Silver	109-1	7947514	7931251	8000034	7959599	0.45	cps
Silver	107-1	8326382	8321385	8198884	8282217	0.87	cps
Sodium	23-2	172588858	173704141	173036896	173109965	0.32	cps
Strontium	86-1	2159507	2181171	2189868	2176849	0.72	cps
Strontium	88-1	19214807	19246946	19273185	19244979	0.15	cps
Sulfur	34-1	1291510	1279541	1284450	1285167	0.47	cps
Terbium	159-1	23051558	23301574	23231246	23194793	0.56	cps
Terbium	159-2	11009389	11027133	11077024	11037849	0.32	cps
Thallium	203-1	6629413	6703651	6755486	6696183	0.95	cps
Thallium	205-1	15527752	15884512	16034825	15815696	1.65	cps
Tin	118-1	5672794	5718524	5707739	5699686	0.42	cps
Titanium	47-1	4818199	4821448	4843146	4827597	0.28	cps
Uranium	238-1	23162674	23649590	23556731	23456332	1.10	cps
Vanadium	51-2	1809294	1811106	1824977	1815126	0.47	cps
Yttrium	89-1	18160908	18251115	18145593	18185872	0.31	cps
Yttrium	89-2	2698745	2692040	2714439	2701741	0.43	cps
Zinc	66-2	688061	694030	690114	690735	0.44	cps
Zirconium	90-1	11758848	11730845	11699703	11729799	0.25	cps

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	CCV62	Instrumnet Name :	P7
Client Sample ID :	CCV62	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 18:28:22	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2572668	2569301	2566642	2569537	0.12	cps

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	CCB62	Instrumnet Name :	P7
Client Sample ID :	CCB62	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 18:32:04	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	242	292	300	278	11.36	cps
Antimony	121-1	6143	5685	5610	5813	4.97	cps
Arsenic	75-2	33	43	44	40	14.84	cps
Barium	135-1	225	283	142	217	32.86	cps
Barium	137-1	483	550	417	483	13.79	cps
Beryllium	9-1	167	139	183	163	13.78	cps
Bismuth	209-1	15039278	15112851	15183220	15111783	0.48	cps
Bismuth	209-2	8219922	8148883	8164216	8177674	0.46	cps
Boron	10-1	9187	7986	7677	8283	9.63	cps
Boron	11-1	41374	39336	36788	39166	5.87	cps
Cadmium	111-1	6005	5475	5656	5712	4.72	cps
Cadmium	106-1	8445	7686	7961	8030	4.78	cps
Cadmium	108-1	33	38	13	28	48.22	cps
Calcium	43-1	583	558	517	553	6.09	cps
Calcium	44-1	20858	20957	20139	20651	2.16	cps
Chromium	52-2	947	983	927	952	3.02	cps
Cobalt	59-2	167	123	183	158	19.63	cps
Copper	63-2	4001	3844	3994	3946	2.25	cps
Dysprosium	156-1	17	33	0	17	99.99	cps
Dysprosium	156-2	10	0	7	6	91.64	cps
Erbium	164-1	75	67	75	72	6.66	cps
Erbium	164-2	53	47	33	44	22.92	cps
Gadolinium	160-1	175	150	142	156	11.15	cps
Gadolinium	160-2	310	343	257	303	14.41	cps
Holmium	165-1	23318276	23453912	23406951	23393046	0.29	cps
Holmium	165-2	11460979	11409688	11433101	11434589	0.22	cps
Indium	115-1	18442893	18540414	18675473	18552926	0.63	cps
Indium	115-2	3659875	3651237	3656596	3655903	0.12	cps
Iron	56-2	19374	19786	19552	19571	1.05	cps
Iron	57-2	606	811	678	698	14.94	cps
Lead	206-1	1195	1211	1017	1141	9.45	cps
Lead	207-1	872	878	1056	935	11.15	cps
Lead	208-1	4612	4362	4406	4460	2.99	cps
Lithium	6-1	5126065	5155053	5141565	5140894	0.28	cps
Magnesium	24-2	2367	2434	2717	2506	7.42	cps
Manganese	55-2	157	193	157	169	12.54	cps

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	CCB62	Instrumnet Name :	P7
Client Sample ID :	CCB62	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 18:32:04	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6460	5443	5068	5657	12.73	cps
Molybdenum	95-1	9287	8003	7110	8133	13.45	cps
Molybdenum	96-1	10096	8603	7919	8873	12.54	cps
Molybdenum	97-1	5818	5143	4693	5218	10.86	cps
Molybdenum	98-1	14191	12798	11822	12937	9.20	cps
Neodymium	150-1	0	13	0	4	173.21	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	113	157	157	142	17.59	cps
Phosphorus	31-2	525	583	475	528	10.27	cps
Potassium	39-2	45763	45947	44844	45518	1.30	cps
Rhodium	103-1	17049028	16975055	17064596	17029560	0.28	cps
Rhodium	103-2	8461708	8534826	8484446	8493660	0.44	cps
Scandium	45-1	11528710	11551700	11613224	11564545	0.38	cps
Scandium	45-2	552158	551328	551884	551790	0.08	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	91	80	96	89	9.55	cps
Selenium	82-1	-25	68	46	29	165.07	cps
Silicon	28-1	378072	373663	370277	374004	1.05	cps
Silver	109-1	992	975	1200	1056	11.88	cps
Silver	107-1	1108	983	875	989	11.81	cps
Sodium	23-2	37940	38258	36997	37732	1.74	cps
Strontium	86-1	1133	975	1042	1050	7.57	cps
Strontium	88-1	775	608	733	706	12.29	cps
Sulfur	34-1	520413	524120	522100	522211	0.36	cps
Terbium	159-1	23836950	23819621	23737285	23797952	0.22	cps
Terbium	159-2	11352684	11348149	11288810	11329881	0.31	cps
Thallium	203-1	1992	1759	1634	1795	10.14	cps
Thallium	205-1	4868	4376	4284	4509	6.96	cps
Tin	118-1	4643	4384	4634	4554	3.22	cps
Titanium	47-1	375	350	308	344	9.78	cps
Uranium	238-1	775	750	717	747	3.92	cps
Vanadium	51-2	53	67	77	66	17.86	cps
Yttrium	89-1	18656793	18914486	18880908	18817396	0.74	cps
Yttrium	89-2	2829466	2836790	2828033	2831430	0.17	cps
Zinc	66-2	2907	2677	2987	2857	5.63	cps
Zirconium	90-1	2734	2275	2517	2509	9.14	cps

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	CCB62	Instrumnet Name :	P7
Client Sample ID :	CCB62	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 18:32:04	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	633	583	475	564	14.35	cps

LB Number : LB97328 Operator : Jaswal
 Lab Sample ID : J4493-03 Instrumnet Name : P7
 Client Sample ID : 65B-FL1-CR126-W3-CS1 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-15 18:35:38 DataFile Name : 031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	107735	108014	108223	107991	0.23	cps
Antimony	121-1	9871	11438	12631	11313	12.24	cps
Arsenic	75-2	126	152	156	144	11.18	cps
Barium	135-1	62357	62173	61571	62034	0.66	cps
Barium	137-1	107448	109186	107423	108019	0.94	cps
Beryllium	9-1	44	161	194	133	59.07	cps
Bismuth	209-1	16525674	16781439	16687875	16664996	0.78	cps
Bismuth	209-2	8707127	8589015	8647407	8647849	0.68	cps
Boron	10-1	11405	10988	11713	11369	3.20	cps
Boron	11-1	54466	54759	54959	54728	0.45	cps
Cadmium	111-1	6912	6313	6689	6638	4.56	cps
Cadmium	106-1	9629	8837	9395	9287	4.38	cps
Cadmium	108-1	142	175	167	161	10.77	cps
Calcium	43-1	282930	284363	285701	284331	0.49	cps
Calcium	44-1	4749845	4677546	4693315	4706902	0.81	cps
Chromium	52-2	2444	2597	2747	2596	5.84	cps
Cobalt	59-2	1203	1090	1153	1149	4.94	cps
Copper	63-2	13221700	13062076	13113378	13132385	0.62	cps
Dysprosium	156-1	117	92	75	94	22.21	cps
Dysprosium	156-2	27	27	30	28	6.92	cps
Erbium	164-1	150	175	125	150	16.67	cps
Erbium	164-2	43	67	37	49	32.22	cps
Gadolinium	160-1	183	267	225	225	18.52	cps
Gadolinium	160-2	357	313	340	337	6.49	cps
Holmium	165-1	26323291	25960226	26205732	26163083	0.71	cps
Holmium	165-2	12438384	12287396	12339994	12355258	0.62	cps
Indium	115-1	21054158	21038950	21290753	21127954	0.67	cps
Indium	115-2	4044278	4017950	4009784	4024004	0.45	cps
Iron	56-2	346956	345835	346835	346542	0.18	cps
Iron	57-2	10304	10065	10176	10182	1.17	cps
Lead	206-1	42011	42173	41872	42019	0.36	cps
Lead	207-1	35025	34389	35637	35017	1.78	cps
Lead	208-1	164287	165061	164307	164552	0.27	cps
Lithium	6-1	5772253	5812162	5771772	5785395	0.40	cps
Magnesium	24-2	486925	488041	488396	487787	0.16	cps
Manganese	55-2	31140	31050	30365	30851	1.37	cps

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	J4493-03	Instrumnet Name :	P7
Client Sample ID :	65B-FL1-CR126-W3-CS1	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 18:35:38	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3384	3100	3317	3267	4.54	cps
Molybdenum	95-1	2667	3042	2884	2864	6.57	cps
Molybdenum	96-1	3676	3809	3125	3537	10.24	cps
Molybdenum	97-1	1875	1792	1784	1817	2.79	cps
Molybdenum	98-1	4934	4934	4643	4837	3.48	cps
Neodymium	150-1	87	47	20	51	65.65	cps
Neodymium	150-2	20	17	17	18	10.81	cps
Nickel	60-2	212514	212891	213951	213119	0.35	cps
Phosphorus	31-2	2534	2192	2409	2378	7.27	cps
Potassium	39-2	262550	265680	264154	264128	0.59	cps
Rhodium	103-1	19370864	19424875	19409746	19401828	0.14	cps
Rhodium	103-2	9405474	9363461	9418327	9395754	0.31	cps
Scandium	45-1	13248285	13106457	13273083	13209275	0.68	cps
Scandium	45-2	623255	623985	632515	626585	0.82	cps
Selenium	77-2	3	7	3	4	43.40	cps
Selenium	78-2	100	96	96	98	2.19	cps
Selenium	82-1	35	3	79	39	98.04	cps
Silicon	28-1	11022248	10869916	11037115	10976426	0.84	cps
Silver	109-1	22823	2667	2984	9491	121.66	cps
Silver	107-1	51176	2834	3176	19062	145.91	cps
Sodium	23-2	8898832	8894337	8889325	8894165	0.05	cps
Strontium	86-1	107055	107222	106376	106884	0.42	cps
Strontium	88-1	917572	919543	911501	916205	0.46	cps
Sulfur	34-1	646544	636260	641080	641295	0.80	cps
Terbium	159-1	26726800	26545940	27147946	26806895	1.15	cps
Terbium	159-2	12306676	12311275	12384276	12334076	0.35	cps
Thallium	203-1	2934	2409	2600	2648	10.04	cps
Thallium	205-1	7477	6510	5768	6585	13.02	cps
Tin	118-1	2154265	2194410	2171523	2173399	0.93	cps
Titanium	47-1	1075	900	1017	997	8.94	cps
Uranium	238-1	592	633	658	628	5.37	cps
Vanadium	51-2	290	330	410	343	17.80	cps
Yttrium	89-1	21504783	21574480	21496751	21525338	0.20	cps
Yttrium	89-2	3117659	3136022	3146600	3133427	0.47	cps
Zinc	66-2	1170402	1168690	1172196	1170429	0.15	cps
Zirconium	90-1	5902	5009	4809	5240	11.10	cps

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	J4493-03	Instrumnet Name :	P7
Client Sample ID :	65B-FL1-CR126-W3-CS1	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 18:35:38	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1175	1208	1075	1153	6.02	cps

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	J4493-04	Instrumnet Name :	P7
Client Sample ID :	66B-FL1-CR105D-W4-B0	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 18:39:12	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	696764	689234	693375	693124	0.54	cps
Antimony	121-1	8812	11021	10788	10207	11.89	cps
Arsenic	75-2	278	315	300	298	6.27	cps
Barium	135-1	64048	63144	62960	63384	0.92	cps
Barium	137-1	110624	111025	109043	110231	0.95	cps
Beryllium	9-1	144	133	106	128	15.68	cps
Bismuth	209-1	16524682	16457791	16403067	16461847	0.37	cps
Bismuth	209-2	8389731	8445085	8465831	8433549	0.47	cps
Boron	10-1	7794	7235	7369	7466	3.91	cps
Boron	11-1	34524	35969	34549	35014	2.36	cps
Cadmium	111-1	6845	6784	6982	6870	1.47	cps
Cadmium	106-1	8786	8812	9128	8909	2.14	cps
Cadmium	108-1	175	179	154	169	7.91	cps
Calcium	43-1	288725	286732	288514	287990	0.38	cps
Calcium	44-1	4749501	4786538	4759705	4765248	0.40	cps
Chromium	52-2	122669	122013	122376	122352	0.27	cps
Cobalt	59-2	8883	8900	9276	9020	2.47	cps
Copper	63-2	21619221	21652564	21671611	21647798	0.12	cps
Dysprosium	156-1	175	167	150	164	7.77	cps
Dysprosium	156-2	123	80	80	94	26.49	cps
Erbium	164-1	167	167	200	178	10.83	cps
Erbium	164-2	100	143	80	108	30.04	cps
Gadolinium	160-1	408	317	367	364	12.61	cps
Gadolinium	160-2	400	393	417	403	2.98	cps
Holmium	165-1	26320423	26136251	25830386	26095687	0.95	cps
Holmium	165-2	12120974	12309308	12214695	12214992	0.77	cps
Indium	115-1	21028843	21042874	21082251	21051323	0.13	cps
Indium	115-2	3973986	3986132	3961835	3973984	0.31	cps
Iron	56-2	2426678	2437283	2433650	2432537	0.22	cps
Iron	57-2	63298	61998	61183	62159	1.72	cps
Lead	206-1	107136	109648	106220	107668	1.65	cps
Lead	207-1	89622	91474	91317	90804	1.13	cps
Lead	208-1	420997	425312	418886	421732	0.78	cps
Lithium	6-1	5699292	5680350	5606967	5662203	0.86	cps
Magnesium	24-2	580483	582556	578116	580385	0.38	cps
Manganese	55-2	107955	107879	107563	107799	0.19	cps

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	J4493-04	Instrumnet Name :	P7
Client Sample ID :	66B-FL1-CR105D-W4-B0	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 18:39:12	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2484	2517	2009	2336	12.17	cps
Molybdenum	95-1	2000	1867	1900	1922	3.61	cps
Molybdenum	96-1	2409	2267	2450	2375	4.05	cps
Molybdenum	97-1	1167	1167	1125	1153	2.09	cps
Molybdenum	98-1	3334	3126	3125	3195	3.76	cps
Neodymium	150-1	180	200	147	176	15.35	cps
Neodymium	150-2	57	50	60	56	9.17	cps
Nickel	60-2	296415	295869	297980	296755	0.37	cps
Phosphorus	31-2	10846	11063	10296	10735	3.68	cps
Potassium	39-2	247700	246351	250439	248163	0.84	cps
Rhodium	103-1	19370720	19399155	19167307	19312394	0.65	cps
Rhodium	103-2	9332531	9307369	9307743	9315881	0.15	cps
Scandium	45-1	13137729	13179704	13133156	13150197	0.20	cps
Scandium	45-2	618804	625280	624672	622919	0.57	cps
Selenium	77-2	7	3	0	3	100.05	cps
Selenium	78-2	135	98	111	115	16.37	cps
Selenium	82-1	122	167	105	131	24.37	cps
Silicon	28-1	11389874	11262136	10984007	11212006	1.85	cps
Silver	109-1	2609	2634	2725	2656	2.31	cps
Silver	107-1	2417	3059	2734	2737	11.73	cps
Sodium	23-2	8791479	8935244	8796177	8840966	0.92	cps
Strontium	86-1	106442	108290	107240	107324	0.86	cps
Strontium	88-1	930093	922720	924436	925750	0.42	cps
Sulfur	34-1	622990	621202	617807	620666	0.42	cps
Terbium	159-1	26627779	26787380	26521120	26645426	0.50	cps
Terbium	159-2	12264709	12321311	12225902	12270641	0.39	cps
Thallium	203-1	1125	1142	1400	1222	12.62	cps
Thallium	205-1	3176	2934	2725	2945	7.65	cps
Tin	118-1	1031000	1035221	1029261	1031827	0.30	cps
Titanium	47-1	2167	2217	2275	2220	2.44	cps
Uranium	238-1	1525	1500	1759	1595	8.94	cps
Vanadium	51-2	943	923	920	929	1.36	cps
Yttrium	89-1	21593607	21535976	21500628	21543404	0.22	cps
Yttrium	89-2	3107490	3127761	3118778	3118010	0.33	cps
Zinc	66-2	1034872	1035848	1040101	1036940	0.27	cps
Zirconium	90-1	3876	3992	3817	3895	2.29	cps

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	J4493-04	Instrumnet Name :	P7
Client Sample ID :	66B-FL1-CR105D-W4-B0	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 18:39:12	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	875	858	867	867	0.96	cps

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	J4493-05	Instrumnet Name :	P7
Client Sample ID :	67B-FL1-CR110-W2-CS1	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 18:42:46	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	631217	629548	618872	626546	1.07	cps
Antimony	121-1	8003	8511	9312	8609	7.67	cps
Arsenic	75-2	226	209	207	214	4.76	cps
Barium	135-1	67414	65689	64784	65962	2.02	cps
Barium	137-1	118049	113040	112822	114637	2.58	cps
Beryllium	9-1	128	94	133	119	17.75	cps
Bismuth	209-1	16493531	15659474	15677399	15943468	2.99	cps
Bismuth	209-2	7946334	7886789	7871630	7901584	0.50	cps
Boron	10-1	8511	8119	8403	8344	2.42	cps
Boron	11-1	41040	40063	40798	40633	1.25	cps
Cadmium	111-1	6765	6940	6319	6675	4.80	cps
Cadmium	106-1	8736	8987	8061	8595	5.57	cps
Cadmium	108-1	167	179	129	158	16.43	cps
Calcium	43-1	286140	278978	277486	280868	1.65	cps
Calcium	44-1	4672852	4544372	4518249	4578491	1.81	cps
Chromium	52-2	22671	23005	23205	22960	1.18	cps
Cobalt	59-2	1753	1700	1717	1723	1.58	cps
Copper	63-2	19965328	19862262	19792602	19873397	0.44	cps
Dysprosium	156-1	208	175	175	186	10.34	cps
Dysprosium	156-2	53	63	87	68	25.24	cps
Erbium	164-1	317	233	242	264	17.39	cps
Erbium	164-2	77	83	90	83	8.00	cps
Gadolinium	160-1	375	358	292	342	12.91	cps
Gadolinium	160-2	380	347	340	356	6.03	cps
Holmium	165-1	26279704	25161612	25019801	25487039	2.71	cps
Holmium	165-2	11463703	11420893	11443822	11442806	0.19	cps
Indium	115-1	20945985	20242343	20280748	20489692	1.93	cps
Indium	115-2	3730776	3684862	3692402	3702680	0.66	cps
Iron	56-2	1613311	1611933	1613021	1612755	0.05	cps
Iron	57-2	41956	41860	41593	41803	0.45	cps
Lead	206-1	106316	103119	102408	103948	2.00	cps
Lead	207-1	91082	85876	87403	88120	3.04	cps
Lead	208-1	419959	405416	402476	409284	2.29	cps
Lithium	6-1	5515814	5355833	5237397	5369681	2.60	cps
Magnesium	24-2	578112	578447	577898	578153	0.05	cps
Manganese	55-2	39319	38855	38567	38914	0.98	cps

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	J4493-05	Instrumnet Name :	P7
Client Sample ID :	67B-FL1-CR110-W2-CS1	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 18:42:46	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2242	2492	2192	2309	6.97	cps
Molybdenum	95-1	1492	1542	1508	1514	1.68	cps
Molybdenum	96-1	1909	1934	1875	1906	1.54	cps
Molybdenum	97-1	917	933	1108	986	10.77	cps
Molybdenum	98-1	2225	2409	2250	2295	4.33	cps
Neodymium	150-1	93	147	100	113	25.64	cps
Neodymium	150-2	47	30	43	40	22.05	cps
Nickel	60-2	59731	60103	59631	59822	0.42	cps
Phosphorus	31-2	8028	7902	7936	7955	0.81	cps
Potassium	39-2	244769	244738	241188	243565	0.85	cps
Rhodium	103-1	19157465	18608247	18559975	18775229	1.77	cps
Rhodium	103-2	8772307	8736563	8747704	8752191	0.21	cps
Scandium	45-1	13021444	12693059	12610528	12775010	1.70	cps
Scandium	45-2	589634	580848	583726	584736	0.77	cps
Selenium	77-2	10	17	0	9	94.38	cps
Selenium	78-2	107	94	91	98	8.97	cps
Selenium	82-1	81	58	95	78	23.73	cps
Silicon	28-1	11010264	10694420	10626919	10777201	1.90	cps
Silver	109-1	2409	2275	2442	2375	3.71	cps
Silver	107-1	2400	2325	2917	2548	12.65	cps
Sodium	23-2	8413183	8351211	8355087	8373160	0.41	cps
Strontium	86-1	106393	103781	103010	104395	1.70	cps
Strontium	88-1	925481	901656	894781	907306	1.78	cps
Sulfur	34-1	610835	600155	604815	605269	0.88	cps
Terbium	159-1	26477278	25552057	25589745	25873027	2.02	cps
Terbium	159-2	11526899	11465955	11361898	11451584	0.73	cps
Thallium	203-1	783	750	617	717	12.31	cps
Thallium	205-1	2142	1742	1850	1911	10.83	cps
Tin	118-1	3492041	3435388	3356556	3427995	1.98	cps
Titanium	47-1	2092	1817	1975	1961	7.04	cps
Uranium	238-1	1559	1467	1542	1522	3.21	cps
Vanadium	51-2	670	677	740	696	5.55	cps
Yttrium	89-1	21448853	20859811	20607518	20972061	2.06	cps
Yttrium	89-2	2933725	2927066	2911881	2924224	0.38	cps
Zinc	66-2	890209	886084	888409	888234	0.23	cps
Zirconium	90-1	3934	4051	3884	3956	2.16	cps

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	J4493-05	Instrumnet Name :	P7
Client Sample ID :	67B-FL1-CR110-W2-CS1	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 18:42:46	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	967	658	708	778	21.28	cps

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	J4493-06	Instrumnet Name :	P7
Client Sample ID :	69B-FL1-CR115-129A-W	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 18:46:20	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1581920	1572508	1572303	1575577	0.35	cps
Antimony	121-1	8803	9162	10021	9328	6.71	cps
Arsenic	75-2	448	389	431	423	7.23	cps
Barium	135-1	92256	91895	91065	91739	0.67	cps
Barium	137-1	158400	159396	157736	158511	0.53	cps
Beryllium	9-1	100	83	122	102	19.16	cps
Bismuth	209-1	16919856	16944696	16819566	16894706	0.39	cps
Bismuth	209-2	8547051	8521581	8644981	8571204	0.76	cps
Boron	10-1	7310	7652	8094	7686	5.11	cps
Boron	11-1	35835	35835	36871	36181	1.65	cps
Cadmium	111-1	6451	6321	5950	6241	4.17	cps
Cadmium	106-1	9162	8978	8411	8850	4.42	cps
Cadmium	108-1	250	275	304	276	9.81	cps
Calcium	43-1	288245	285967	283264	285825	0.87	cps
Calcium	44-1	4728445	4679788	4672465	4693566	0.65	cps
Chromium	52-2	5788	5808	5514	5703	2.87	cps
Cobalt	59-2	2880	2917	2904	2900	0.64	cps
Copper	63-2	34069963	34137700	34183946	34130536	0.17	cps
Dysprosium	156-1	308	508	400	406	24.69	cps
Dysprosium	156-2	170	197	197	188	8.20	cps
Erbium	164-1	450	350	408	403	12.47	cps
Erbium	164-2	177	157	180	171	7.37	cps
Gadolinium	160-1	558	658	425	547	21.39	cps
Gadolinium	160-2	553	547	497	532	5.82	cps
Holmium	165-1	26042300	26224221	26233396	26166639	0.41	cps
Holmium	165-2	12195394	12237335	12094633	12175787	0.60	cps
Indium	115-1	21245919	21142441	21119211	21169190	0.32	cps
Indium	115-2	3943694	4016107	3941336	3967046	1.07	cps
Iron	56-2	2701023	2701459	2684376	2695619	0.36	cps
Iron	57-2	67215	68554	68588	68119	1.15	cps
Lead	206-1	157352	158246	155835	157144	0.78	cps
Lead	207-1	133491	132560	133564	133205	0.42	cps
Lead	208-1	620588	621862	616572	619674	0.45	cps
Lithium	6-1	5459121	5443853	5392844	5431939	0.64	cps
Magnesium	24-2	477180	473301	473357	474612	0.47	cps
Manganese	55-2	197350	194618	195054	195674	0.75	cps

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	J4493-06	Instrumnet Name :	P7
Client Sample ID :	69B-FL1-CR115-129A-W	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 18:46:20	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2759	2675	2600	2678	2.96	cps
Molybdenum	95-1	1375	1508	1300	1395	7.57	cps
Molybdenum	96-1	1917	1959	1625	1834	9.91	cps
Molybdenum	97-1	808	925	825	853	7.40	cps
Molybdenum	98-1	2367	2417	1950	2245	11.42	cps
Neodymium	150-1	333	287	327	316	8.00	cps
Neodymium	150-2	130	163	143	146	11.53	cps
Nickel	60-2	236885	235324	236436	236215	0.34	cps
Phosphorus	31-2	21433	21867	21942	21747	1.26	cps
Potassium	39-2	253156	251852	252125	252378	0.27	cps
Rhodium	103-1	19526087	19522536	19363196	19470607	0.48	cps
Rhodium	103-2	9304700	9415288	9297320	9339103	0.71	cps
Scandium	45-1	13328389	13108512	13139469	13192123	0.90	cps
Scandium	45-2	621176	625802	622526	623168	0.38	cps
Selenium	77-2	13	10	13	12	15.73	cps
Selenium	78-2	106	94	78	93	15.10	cps
Selenium	82-1	110	220	90	140	50.06	cps
Silicon	28-1	12526166	12057271	12716920	12433453	2.73	cps
Silver	109-1	2325	2484	2850	2553	10.55	cps
Silver	107-1	2859	3075	3376	3103	8.36	cps
Sodium	23-2	8657495	8610970	8608362	8625609	0.32	cps
Strontium	86-1	113866	113336	112001	113068	0.85	cps
Strontium	88-1	978076	966483	965565	970041	0.72	cps
Sulfur	34-1	589600	569008	558989	572532	2.73	cps
Terbium	159-1	27092758	26948290	26771975	26937674	0.60	cps
Terbium	159-2	12173076	12223558	12161989	12186208	0.27	cps
Thallium	203-1	800	792	575	722	17.66	cps
Thallium	205-1	1850	1709	1592	1717	7.54	cps
Tin	118-1	1794270	1866226	1762569	1807688	2.94	cps
Titanium	47-1	4451	4176	4568	4398	4.57	cps
Uranium	238-1	3459	3526	3676	3553	3.12	cps
Vanadium	51-2	933	1130	1003	1022	9.75	cps
Yttrium	89-1	21925691	21753328	21567073	21748697	0.82	cps
Yttrium	89-2	3100400	3149173	3090947	3113507	1.00	cps
Zinc	66-2	2878993	2821905	2795115	2832004	1.51	cps
Zirconium	90-1	5076	5143	5235	5151	1.54	cps

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	J4493-06	Instrumnet Name :	P7
Client Sample ID :	69B-FL1-CR115-129A-W	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 18:46:20	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1208	1025	1100	1111	8.30	cps

LB Number : LB97328 Operator : Jaswal
 Lab Sample ID : J4493-07 Instrumnet Name : P7
 Client Sample ID : 70B-FL1-CR121-W3-CS1 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-15 18:49:55 DataFile Name : 035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2064876	2055919	2061803	2060866	0.22	cps
Antimony	121-1	9028	10421	10471	9973	8.21	cps
Arsenic	75-2	635	596	622	618	3.21	cps
Barium	135-1	112561	109521	112770	111617	1.63	cps
Barium	137-1	196827	192396	195297	194840	1.16	cps
Beryllium	9-1	161	139	89	130	28.54	cps
Bismuth	209-1	17196504	17023760	17019031	17079765	0.59	cps
Bismuth	209-2	8681903	8736429	8598778	8672370	0.80	cps
Boron	10-1	7827	7977	7269	7691	4.86	cps
Boron	11-1	38517	37280	37965	37921	1.63	cps
Cadmium	111-1	6510	5821	5994	6109	5.87	cps
Cadmium	106-1	8970	8236	8244	8483	4.97	cps
Cadmium	108-1	271	408	258	313	26.63	cps
Calcium	43-1	304585	303406	293381	300457	2.05	cps
Calcium	44-1	4999481	4965944	4888000	4951142	1.16	cps
Chromium	52-2	6001	5991	6055	6016	0.57	cps
Cobalt	59-2	3567	3384	3464	3472	2.65	cps
Copper	63-2	79363835	79530949	79298020	79397602	0.15	cps
Dysprosium	156-1	492	608	475	525	13.84	cps
Dysprosium	156-2	260	213	223	232	10.58	cps
Erbium	164-1	583	508	550	547	6.87	cps
Erbium	164-2	237	220	250	236	6.38	cps
Gadolinium	160-1	1076	617	708	800	30.35	cps
Gadolinium	160-2	527	497	573	532	7.26	cps
Holmium	165-1	26510278	26300613	26465512	26425468	0.42	cps
Holmium	165-2	12193254	12336183	12212083	12247173	0.63	cps
Indium	115-1	21275655	21225834	21236820	21246103	0.12	cps
Indium	115-2	3960255	3973543	3951979	3961926	0.27	cps
Iron	56-2	3250690	3227857	3225147	3234565	0.43	cps
Iron	57-2	81336	81818	81955	81703	0.40	cps
Lead	206-1	164189	162902	164808	163966	0.59	cps
Lead	207-1	138885	136560	137404	137616	0.86	cps
Lead	208-1	642289	639885	643469	641881	0.28	cps
Lithium	6-1	5378091	5330455	5223174	5310573	1.49	cps
Magnesium	24-2	488092	482922	491620	487545	0.90	cps
Manganese	55-2	245990	248574	246820	247128	0.53	cps

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	J4493-07	Instrumnet Name :	P7
Client Sample ID :	70B-FL1-CR121-W3-CS1	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 18:49:55	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2667	2442	2617	2575	4.59	cps
Molybdenum	95-1	1325	1233	1125	1228	8.16	cps
Molybdenum	96-1	1525	1542	1508	1525	1.09	cps
Molybdenum	97-1	700	692	875	756	13.70	cps
Molybdenum	98-1	1934	2050	2300	2095	8.95	cps
Neodymium	150-1	433	447	400	427	5.63	cps
Neodymium	150-2	137	187	117	147	24.58	cps
Nickel	60-2	1319469	1320270	1326250	1321996	0.28	cps
Phosphorus	31-2	33029	34073	34056	33719	1.77	cps
Potassium	39-2	251193	251564	252153	251637	0.19	cps
Rhodium	103-1	19643483	19569621	19536143	19583082	0.28	cps
Rhodium	103-2	9453472	9355534	9350838	9386614	0.62	cps
Scandium	45-1	13267516	13212802	13094341	13191553	0.67	cps
Scandium	45-2	626316	631464	632391	630057	0.52	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	109	113	72	98	22.95	cps
Selenium	82-1	136	5	195	112	86.67	cps
Silicon	28-1	12677153	12657871	12167087	12500703	2.31	cps
Silver	109-1	2800	3000	3117	2973	5.39	cps
Silver	107-1	3501	3284	3801	3528	7.36	cps
Sodium	23-2	8659210	8660482	8626178	8648624	0.22	cps
Strontium	86-1	116704	118225	117763	117564	0.66	cps
Strontium	88-1	1030767	1010923	1013412	1018367	1.06	cps
Sulfur	34-1	551200	541000	535641	542614	1.46	cps
Terbium	159-1	27355687	26917075	26848109	27040290	1.02	cps
Terbium	159-2	12219668	12256314	12241976	12239320	0.15	cps
Thallium	203-1	575	675	500	583	15.05	cps
Thallium	205-1	1350	1458	1333	1381	4.92	cps
Tin	118-1	4620034	4623945	4712659	4652212	1.13	cps
Titanium	47-1	5918	5601	5710	5743	2.80	cps
Uranium	238-1	4751	4643	4401	4598	3.90	cps
Vanadium	51-2	1323	1567	1397	1429	8.74	cps
Yttrium	89-1	22047271	21753202	21787955	21862809	0.73	cps
Yttrium	89-2	3146134	3086042	3140760	3124312	1.06	cps
Zinc	66-2	2690095	2683558	2701623	2691759	0.34	cps
Zirconium	90-1	6353	5410	5918	5893	8.01	cps

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	J4493-07	Instrumnet Name :	P7
Client Sample ID :	70B-FL1-CR121-W3-CS1	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 18:49:55	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1075	1442	1267	1261	14.54	cps

LB Number : LB97328 Operator : Jaswal
 Lab Sample ID : J4493-08 Instrumnet Name : P7
 Client Sample ID : 71B-FL1-CR112-123B-B0 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-15 18:53:32 DataFile Name : 036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	832554	828143	831050	830582	0.27	cps
Antimony	121-1	6435	6969	7277	6894	6.18	cps
Arsenic	75-2	300	309	309	306	1.75	cps
Barium	135-1	64935	62525	64752	64071	2.09	cps
Barium	137-1	112007	113731	110134	111957	1.61	cps
Beryllium	9-1	117	94	89	100	14.70	cps
Bismuth	209-1	16624065	16456809	16550517	16543797	0.51	cps
Bismuth	209-2	8374279	8413805	8297241	8361775	0.71	cps
Boron	10-1	5084	5468	5351	5301	3.71	cps
Boron	11-1	26340	26449	27050	26613	1.44	cps
Cadmium	111-1	6367	6897	6567	6610	4.04	cps
Cadmium	106-1	8053	8636	8336	8342	3.50	cps
Cadmium	108-1	171	296	204	224	28.95	cps
Calcium	43-1	282442	283900	286126	284156	0.65	cps
Calcium	44-1	4656549	4627331	4666390	4650090	0.44	cps
Chromium	52-2	18021	18201	17768	17997	1.21	cps
Cobalt	59-2	3217	3344	3280	3280	1.93	cps
Copper	63-2	30756540	30951330	30643704	30783858	0.51	cps
Dysprosium	156-1	175	250	208	211	17.80	cps
Dysprosium	156-2	123	103	87	104	17.58	cps
Erbium	164-1	283	292	233	269	11.71	cps
Erbium	164-2	113	123	123	120	4.81	cps
Gadolinium	160-1	217	325	325	289	21.65	cps
Gadolinium	160-2	420	407	423	417	2.12	cps
Holmium	165-1	26248353	26333036	26245740	26275709	0.19	cps
Holmium	165-2	12197827	12121753	12096881	12138821	0.43	cps
Indium	115-1	21433028	21346310	21178672	21319337	0.61	cps
Indium	115-2	3977026	3973023	3954411	3968153	0.30	cps
Iron	56-2	2522235	2490494	2503510	2505413	0.64	cps
Iron	57-2	64229	65167	65145	64847	0.83	cps
Lead	206-1	103164	102532	103523	103073	0.49	cps
Lead	207-1	88107	87945	86278	87443	1.16	cps
Lead	208-1	406978	406364	405091	406144	0.24	cps
Lithium	6-1	5207671	5257937	5195637	5220415	0.63	cps
Magnesium	24-2	570958	567004	573227	570396	0.55	cps
Manganese	55-2	109769	108976	109353	109366	0.36	cps

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	J4493-08	Instrumnet Name :	P7
Client Sample ID :	71B-FL1-CR112-123B-B0	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 18:53:32	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1900	1859	1984	1914	3.33	cps
Molybdenum	95-1	917	1142	1333	1131	18.45	cps
Molybdenum	96-1	1433	1275	1425	1378	6.47	cps
Molybdenum	97-1	742	692	700	711	3.77	cps
Molybdenum	98-1	1967	1817	1659	1814	8.50	cps
Neodymium	150-1	193	187	167	182	7.62	cps
Neodymium	150-2	73	57	67	66	12.79	cps
Nickel	60-2	161124	161307	161808	161413	0.22	cps
Phosphorus	31-2	13732	13632	14049	13804	1.58	cps
Potassium	39-2	243194	243441	248081	244905	1.12	cps
Rhodium	103-1	19802617	19633693	19344422	19593578	1.18	cps
Rhodium	103-2	9425658	9425111	9298472	9383080	0.78	cps
Scandium	45-1	13145397	13094173	13192805	13144125	0.38	cps
Scandium	45-2	629676	629228	629221	629375	0.04	cps
Selenium	77-2	10	10	7	9	21.63	cps
Selenium	78-2	87	91	96	91	5.10	cps
Selenium	82-1	-9	8	54	18	183.62	cps
Silicon	28-1	10839590	10775678	11818851	11144706	5.25	cps
Silver	109-1	2075	2242	2659	2325	12.92	cps
Silver	107-1	2225	2334	2500	2353	5.89	cps
Sodium	23-2	8583761	8537641	8608867	8576757	0.42	cps
Strontium	86-1	107307	107768	107787	107621	0.25	cps
Strontium	88-1	921801	925423	912518	919914	0.72	cps
Sulfur	34-1	541216	547783	550981	546660	0.91	cps
Terbium	159-1	27080542	26762455	26960195	26934398	0.60	cps
Terbium	159-2	12261489	12091609	12187435	12180178	0.70	cps
Thallium	203-1	558	575	550	561	2.27	cps
Thallium	205-1	1333	1242	1292	1289	3.56	cps
Tin	118-1	2150526	2136295	2181426	2156082	1.07	cps
Titanium	47-1	2434	2425	2517	2459	2.06	cps
Uranium	238-1	2075	2117	2184	2125	2.57	cps
Vanadium	51-2	1267	1263	1223	1251	1.93	cps
Yttrium	89-1	22046411	21896435	21699859	21880902	0.79	cps
Yttrium	89-2	3132884	3138305	3095907	3122365	0.74	cps
Zinc	66-2	1395670	1392429	1399974	1396025	0.27	cps
Zirconium	90-1	3692	3842	3709	3748	2.20	cps

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	J4493-08	Instrumnet Name :	P7
Client Sample ID :	71B-FL1-CR112-123B-B0	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 18:53:32	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	858	842	867	856	1.49	cps

LB Number : LB97328 Operator : Jaswal
 Lab Sample ID : J4493-09 Instrumnet Name : P7
 Client Sample ID : 72B-FL1-CR119-137B-W Dilution Factor : 1
 Date & Time Acquired :: 2018-08-15 18:57:07 DataFile Name : 037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2252	1759	2092	2034	12.37	cps
Antimony	121-1	10663	11772	12056	11497	6.40	cps
Arsenic	75-2	167	176	181	175	4.28	cps
Barium	135-1	63512	62801	62683	62999	0.71	cps
Barium	137-1	111335	108606	108892	109611	1.37	cps
Beryllium	9-1	122	78	100	100	22.22	cps
Bismuth	209-1	16714653	16668444	16556229	16646442	0.49	cps
Bismuth	209-2	8389892	8304564	8229722	8308059	0.96	cps
Boron	10-1	7010	7110	7410	7177	2.90	cps
Boron	11-1	33238	32294	33070	32867	1.53	cps
Cadmium	111-1	5853	5798	5842	5831	0.50	cps
Cadmium	106-1	8378	8378	8395	8383	0.12	cps
Cadmium	108-1	183	208	179	190	8.29	cps
Calcium	43-1	295420	293675	290212	293102	0.90	cps
Calcium	44-1	4859853	4832279	4760118	4817417	1.07	cps
Chromium	52-2	1883	1793	1740	1806	4.01	cps
Cobalt	59-2	890	793	943	876	8.68	cps
Copper	63-2	6275378	6221623	6251082	6249361	0.43	cps
Dysprosium	156-1	42	17	42	33	43.30	cps
Dysprosium	156-2	20	13	27	20	33.35	cps
Erbium	164-1	142	142	125	136	7.07	cps
Erbium	164-2	33	53	40	42	24.12	cps
Gadolinium	160-1	308	217	117	214	44.82	cps
Gadolinium	160-2	237	283	377	299	23.85	cps
Holmium	165-1	26555363	26472864	26605142	26544456	0.25	cps
Holmium	165-2	12250751	12162878	12104881	12172836	0.60	cps
Indium	115-1	21498108	21525834	21354831	21459591	0.43	cps
Indium	115-2	4008311	3989800	3952706	3983606	0.71	cps
Iron	56-2	84398	84649	86493	85180	1.34	cps
Iron	57-2	3762	4001	3912	3891	3.10	cps
Lead	206-1	27574	26399	26304	26759	2.64	cps
Lead	207-1	22764	21846	22097	22236	2.13	cps
Lead	208-1	104493	103215	103978	103895	0.62	cps
Lithium	6-1	5294614	5209396	5058562	5187524	2.30	cps
Magnesium	24-2	491693	490783	491676	491384	0.11	cps
Manganese	55-2	49028	49072	49473	49191	0.50	cps

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	J4493-09	Instrumnet Name :	P7
Client Sample ID :	72B-FL1-CR119-137B-W	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 18:57:07	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1392	1433	1809	1545	14.86	cps
Molybdenum	95-1	917	1008	1000	975	5.20	cps
Molybdenum	96-1	1158	1125	1100	1128	2.59	cps
Molybdenum	97-1	592	625	658	625	5.33	cps
Molybdenum	98-1	1734	1608	1825	1722	6.32	cps
Neodymium	150-1	40	40	33	38	10.18	cps
Neodymium	150-2	10	20	13	14	35.26	cps
Nickel	60-2	824387	821596	822437	822807	0.17	cps
Phosphorus	31-2	3759	3934	4201	3965	5.61	cps
Potassium	39-2	259405	260949	258234	259529	0.52	cps
Rhodium	103-1	19766688	19740202	19713285	19740058	0.14	cps
Rhodium	103-2	9453633	9364739	9298993	9372455	0.83	cps
Scandium	45-1	13199702	13158448	13126179	13161443	0.28	cps
Scandium	45-2	625283	625928	627216	626142	0.16	cps
Selenium	77-2	7	3	3	4	43.40	cps
Selenium	78-2	107	124	120	117	7.46	cps
Selenium	82-1	45	66	59	57	18.83	cps
Silicon	28-1	10567566	10398145	10256688	10407466	1.50	cps
Silver	109-1	1917	1984	2167	2022	6.40	cps
Silver	107-1	1934	1934	2109	1992	5.07	cps
Sodium	23-2	8745970	8820604	8739732	8768769	0.51	cps
Strontium	86-1	112178	113915	111892	112662	0.97	cps
Strontium	88-1	959633	950118	949504	953085	0.60	cps
Sulfur	34-1	597228	597429	604062	599573	0.65	cps
Terbium	159-1	27124179	26932146	27025363	27027229	0.36	cps
Terbium	159-2	12078599	12117203	12049377	12081726	0.28	cps
Thallium	203-1	483	583	442	503	14.48	cps
Thallium	205-1	1208	1125	1042	1125	7.41	cps
Tin	118-1	725087	737687	719711	727495	1.27	cps
Titanium	47-1	925	883	767	858	9.56	cps
Uranium	238-1	192	267	250	236	16.68	cps
Vanadium	51-2	450	360	417	409	11.13	cps
Yttrium	89-1	22085286	21846954	21789746	21907328	0.72	cps
Yttrium	89-2	3139614	3151661	3123025	3138100	0.46	cps
Zinc	66-2	1592436	1582772	1594932	1590047	0.40	cps
Zirconium	90-1	2509	2759	2475	2581	6.00	cps

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	J4493-09	Instrumnet Name :	P7
Client Sample ID :	72B-FL1-CR119-137B-W	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 18:57:07	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	492	525	533	517	4.27	cps

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	CCV63	Instrumnet Name :	P7
Client Sample ID :	CCV63	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 19:00:42	DataFile Name :	038CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7879572	7998527	8032825	7970308	1.01	cps
Antimony	121-1	6641964	6696663	6735723	6691450	0.70	cps
Arsenic	75-2	236049	237385	240123	237852	0.87	cps
Barium	135-1	8392908	8435626	8435573	8421369	0.29	cps
Barium	137-1	14469859	14669949	14541115	14560308	0.70	cps
Beryllium	9-1	1451976	1458116	1472478	1460857	0.72	cps
Bismuth	209-1	13364394	13492491	13457649	13438178	0.49	cps
Bismuth	209-2	7129932	7073919	7214478	7139443	0.99	cps
Boron	10-1	199355	204651	207937	203981	2.12	cps
Boron	11-1	953547	980803	988643	974331	1.89	cps
Cadmium	111-1	1772373	1791565	1789335	1784424	0.59	cps
Cadmium	106-1	204311	204733	209086	206043	1.28	cps
Cadmium	108-1	135368	137653	138388	137136	1.15	cps
Calcium	43-1	10526006	10545039	10610161	10560402	0.42	cps
Calcium	44-1	170935883	171512679	172608446	171685669	0.49	cps
Chromium	52-2	2323589	2344289	2347753	2338544	0.56	cps
Cobalt	59-2	3677504	3661397	3686450	3675117	0.35	cps
Copper	63-2	4984567	4996131	5014224	4998307	0.30	cps
Dysprosium	156-1	292	200	158	217	31.48	cps
Dysprosium	156-2	127	160	187	158	19.05	cps
Erbium	164-1	125	150	67	114	37.55	cps
Erbium	164-2	20	43	47	37	39.63	cps
Gadolinium	160-1	233	183	217	211	12.06	cps
Gadolinium	160-2	353	327	333	338	4.11	cps
Holmium	165-1	23085751	23183473	23271573	23180266	0.40	cps
Holmium	165-2	11111189	11047632	11166612	11108478	0.54	cps
Indium	115-1	17388510	17545523	17391867	17441967	0.51	cps
Indium	115-2	3418181	3370063	3426058	3404767	0.89	cps
Iron	56-2	479107366	479537622	480544633	479729874	0.15	cps
Iron	57-2	11854315	11850562	11974123	11893000	0.59	cps
Lead	206-1	5391504	5493664	5496416	5460528	1.09	cps
Lead	207-1	4884047	4961029	4947058	4930711	0.83	cps
Lead	208-1	21925774	22252585	22297472	22158610	0.92	cps
Lithium	6-1	4523132	4635523	4604046	4587567	1.26	cps
Magnesium	24-2	92056633	91708133	92706762	92157176	0.55	cps
Manganese	55-2	2673001	2683151	2704113	2686755	0.59	cps

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	CCV63	Instrumnet Name :	P7
Client Sample ID :	CCV63	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 19:00:42	DataFile Name :	038CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	14298715	14429959	14444516	14391064	0.56	cps
Molybdenum	95-1	17602161	17764513	17700449	17689041	0.46	cps
Molybdenum	96-1	19614696	19777121	19790115	19727311	0.50	cps
Molybdenum	97-1	10857724	10986534	11002768	10949009	0.73	cps
Molybdenum	98-1	28620921	28824638	28752679	28732746	0.36	cps
Neodymium	150-1	627	653	727	669	7.74	cps
Neodymium	150-2	63	87	90	80	18.17	cps
Nickel	60-2	965662	960778	970409	965616	0.50	cps
Phosphorus	31-2	84371	85478	87926	85925	2.12	cps
Potassium	39-2	42252091	42612631	42811873	42558865	0.67	cps
Rhodium	103-1	15596866	15634912	15608251	15613343	0.13	cps
Rhodium	103-2	7602125	7582223	7665527	7616625	0.57	cps
Scandium	45-1	11218032	11420437	11369652	11336041	0.93	cps
Scandium	45-2	543178	542653	551755	545862	0.94	cps
Selenium	77-2	5961	6195	6055	6070	1.94	cps
Selenium	78-2	20669	20555	20722	20649	0.41	cps
Selenium	82-1	125525	125775	128013	126438	1.08	cps
Silicon	28-1	5631536	5818670	5919780	5789995	2.53	cps
Silver	109-1	8040007	8061035	8158603	8086548	0.78	cps
Silver	107-1	8440396	8479353	8545394	8488381	0.63	cps
Sodium	23-2	172444546	174449175	174559437	173817719	0.68	cps
Strontium	86-1	2223696	2217515	2251687	2230966	0.82	cps
Strontium	88-1	19651609	19614288	19754227	19673375	0.37	cps
Sulfur	34-1	1275176	1272947	1268391	1272171	0.27	cps
Terbium	159-1	23378327	23420005	23642660	23480330	0.61	cps
Terbium	159-2	11040620	11045500	11173532	11086551	0.68	cps
Thallium	203-1	6674598	6691526	6768583	6711569	0.75	cps
Thallium	205-1	15702648	15871481	16154247	15909459	1.43	cps
Tin	118-1	5753131	5740044	5780335	5757836	0.36	cps
Titanium	47-1	4854014	4885508	4910973	4883498	0.58	cps
Uranium	238-1	23137862	23449314	23735853	23441009	1.28	cps
Vanadium	51-2	1831286	1832824	1858243	1840784	0.82	cps
Yttrium	89-1	18543988	18653078	18552985	18583350	0.33	cps
Yttrium	89-2	2736356	2719404	2789036	2748265	1.32	cps
Zinc	66-2	699610	700247	700641	700166	0.07	cps
Zirconium	90-1	11962612	11920119	11960959	11947897	0.20	cps

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	CCV63	Instrumnet Name :	P7
Client Sample ID :	CCV63	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 19:00:42	DataFile Name :	038CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2593838	2625533	2650023	2623131	1.07	cps

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	CCB63	Instrumnet Name :	P7
Client Sample ID :	CCB63	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 19:04:25	DataFile Name :	039CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	408	300	308	339	17.79	cps
Antimony	121-1	4901	4576	4876	4784	3.78	cps
Arsenic	75-2	30	41	26	32	24.01	cps
Barium	135-1	267	300	300	289	6.66	cps
Barium	137-1	350	525	500	458	20.65	cps
Beryllium	9-1	178	156	178	170	7.53	cps
Bismuth	209-1	15280351	15232184	15061041	15191192	0.76	cps
Bismuth	209-2	8096166	8272127	8148952	8172415	1.10	cps
Boron	10-1	6902	6877	5493	6424	12.55	cps
Boron	11-1	34607	30398	27559	30855	11.49	cps
Cadmium	111-1	5625	5432	5528	5529	1.75	cps
Cadmium	106-1	7861	7619	7786	7755	1.60	cps
Cadmium	108-1	33	38	25	32	19.92	cps
Calcium	43-1	483	575	542	533	8.70	cps
Calcium	44-1	19539	20649	19981	20056	2.79	cps
Chromium	52-2	1047	963	963	991	4.85	cps
Cobalt	59-2	170	133	190	164	17.48	cps
Copper	63-2	3550	3160	3837	3516	9.66	cps
Dysprosium	156-1	17	17	17	17	0.00	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	42	25	92	53	65.74	cps
Erbium	164-2	17	27	30	24	28.38	cps
Gadolinium	160-1	208	192	192	197	4.88	cps
Gadolinium	160-2	280	353	250	294	18.05	cps
Holmium	165-1	24044676	23717455	23648889	23803673	0.89	cps
Holmium	165-2	11545331	11648597	11465221	11553050	0.80	cps
Indium	115-1	19028746	18968274	18916291	18971104	0.30	cps
Indium	115-2	3712599	3754898	3710575	3726024	0.67	cps
Iron	56-2	20214	20186	21795	20732	4.44	cps
Iron	57-2	689	772	689	717	6.71	cps
Lead	206-1	1161	1250	1400	1270	9.50	cps
Lead	207-1	1072	1039	1183	1098	6.89	cps
Lead	208-1	4823	5106	5389	5106	5.55	cps
Lithium	6-1	4979790	4989979	4983338	4984369	0.10	cps
Magnesium	24-2	2417	2359	2759	2511	8.61	cps
Manganese	55-2	227	163	187	192	16.66	cps

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	CCB63	Instrumnet Name :	P7
Client Sample ID :	CCB63	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 19:04:25	DataFile Name :	039CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6485	5993	4826	5768	14.77	cps
Molybdenum	95-1	9712	8795	7160	8556	15.11	cps
Molybdenum	96-1	10154	8870	7686	8903	13.87	cps
Molybdenum	97-1	6160	5018	4401	5193	17.19	cps
Molybdenum	98-1	15559	13499	11922	13660	13.35	cps
Neodymium	150-1	13	0	0	4	173.21	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	173	127	157	152	15.54	cps
Phosphorus	31-2	475	475	433	461	5.22	cps
Potassium	39-2	43782	44150	43665	43866	0.58	cps
Rhodium	103-1	17585085	17409095	17431358	17475179	0.55	cps
Rhodium	103-2	8689651	8699376	8628105	8672378	0.45	cps
Scandium	45-1	11790378	11819291	11754326	11787998	0.28	cps
Scandium	45-2	564091	566798	555147	562012	1.08	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	106	89	98	98	8.56	cps
Selenium	82-1	122	99	67	96	28.95	cps
Silicon	28-1	386838	377042	375887	379922	1.58	cps
Silver	109-1	1417	1433	942	1264	22.09	cps
Silver	107-1	1558	1475	1158	1397	15.10	cps
Sodium	23-2	39921	40171	38751	39614	1.91	cps
Strontium	86-1	1092	1275	1108	1158	8.75	cps
Strontium	88-1	900	808	783	831	7.40	cps
Sulfur	34-1	512754	513785	515000	513846	0.22	cps
Terbium	159-1	24402393	24172755	24166608	24247252	0.55	cps
Terbium	159-2	11578743	11527606	11377687	11494679	0.91	cps
Thallium	203-1	1742	1492	1167	1467	19.66	cps
Thallium	205-1	3684	3351	2950	3328	11.03	cps
Tin	118-1	5305	3967	3567	4280	21.27	cps
Titanium	47-1	375	383	375	378	1.27	cps
Uranium	238-1	775	683	700	720	6.79	cps
Vanadium	51-2	57	83	57	66	23.48	cps
Yttrium	89-1	19448825	19476694	19383870	19436463	0.25	cps
Yttrium	89-2	2877775	2897570	2883817	2886387	0.35	cps
Zinc	66-2	2774	2780	2890	2815	2.33	cps
Zirconium	90-1	2850	2759	2684	2764	3.02	cps

LB Number :	LB97328	Operator :	Jaswal
Lab Sample ID :	CCB63	Instrumnet Name :	P7
Client Sample ID :	CCB63	Dilution Factor :	1
Date & Time Acquired ::	2018-08-15 19:04:25	DataFile Name :	039CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	750	567	533	617	18.92	cps