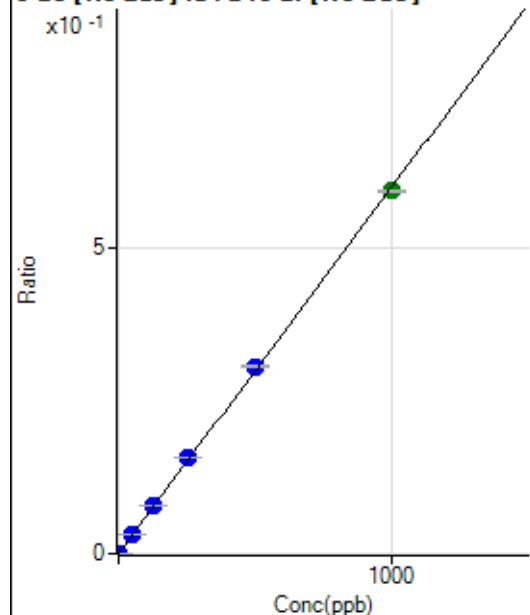


Calibration for 008CALS.d

Batch Folder: D:\ICP-MS Data\P7091418 MS.b\
 Analysis File: P7091418 MS.batch.bin
 DA Date-Time: 2018-09-14 17:38:41
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2018-09-14 14:34:40
2			
3	005CALS.d	S02	2018-09-14 14:43:14
4	006CALS.d	S03	2018-09-14 14:47:08
5	007CALS.d	S04	2018-09-14 14:51:41
6	008CALS.d	S05	2018-09-14 14:55:28
7	009CALS.d	S06	2018-09-14 14:59:13
8	010CALS.d	S07	2018-09-14 15:02:59
9	011CALS.d	S08	2018-09-14 15:06:48

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	66.67	0.0000	P	8.5
2	☐	0.100					
3	☐	1.000	1.050	3387.50	0.0006	P	13.4
4	☐	50.000	53.261	180449.42	0.0319	P	0.2
5	☐	125.000	131.565	440187.10	0.0787	P	0.6
6	☐	250.000	261.924	852892.04	0.1566	P	0.5
7	☐	500.000	510.652	1641176.90	0.3054	P	0.7
8	☐	1000.000	990.709	3154476.69	0.5925	A	0.2
9	☐			562.99	0.0001	P	17.5

$$y = 5.9803\text{E-}004 * x + 1.1839\text{E-}005$$

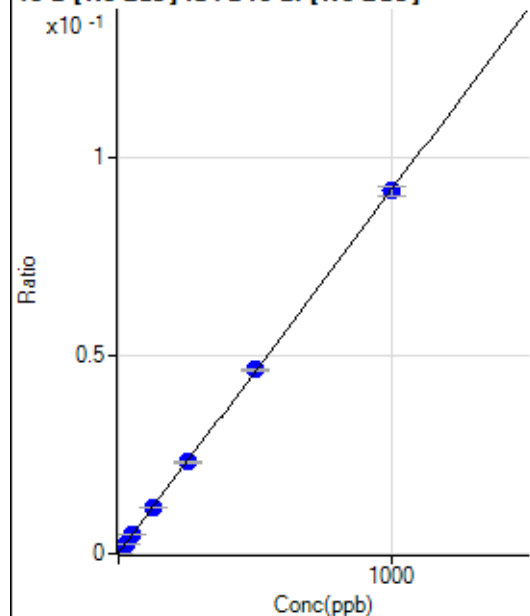
$$R = 0.9998$$

$$DL = 0.005051$$

$$BEC = 0.0198$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	972.29	0.0002	P	10.2
2	☐	2.500					
3	☐	25.000	24.264	12741.95	0.0024	P	10.2
4	☐	50.000	51.135	27550.97	0.0049	P	3.8
5	☐	125.000	125.253	65277.34	0.0117	P	2.1
6	☐	250.000	250.295	126018.30	0.0231	P	2.9
7	☐	500.000	504.364	249720.68	0.0465	P	1.7
8	☐	1000.000	997.674	488501.78	0.0918	P	2.3
9	☐			29028.80	0.0056	P	7.2

$$y = 9.1791\text{E-}005 * x + 1.7262\text{E-}004$$

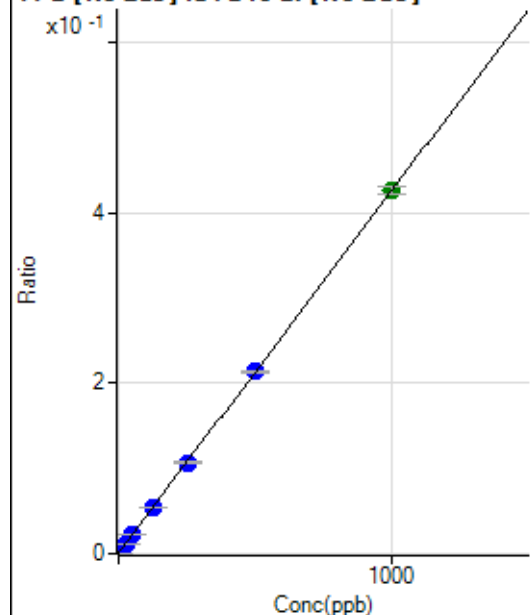
$$R = 1.0000$$

$$DL = 0.5734$$

$$BEC = 1.881$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4553.65	0.0008	P	0.9
2	☐	2.500					
3	☐	25.000	25.250	61266.52	0.0116	P	11.5
4	☐	50.000	51.069	127617.96	0.0225	P	1.6
5	☐	125.000	124.043	299753.51	0.0536	P	1.1
6	☐	250.000	249.212	581687.35	0.1068	P	1.9
7	☐	500.000	500.506	1148766.24	0.2138	P	1.5
8	☐	1000.000	1000.004	2269673.18	0.4263	A	1.9
9	☐			133057.03	0.0254	P	10.7

$$y = 4.2548\text{E-}004 * x + 8.0856\text{E-}004$$

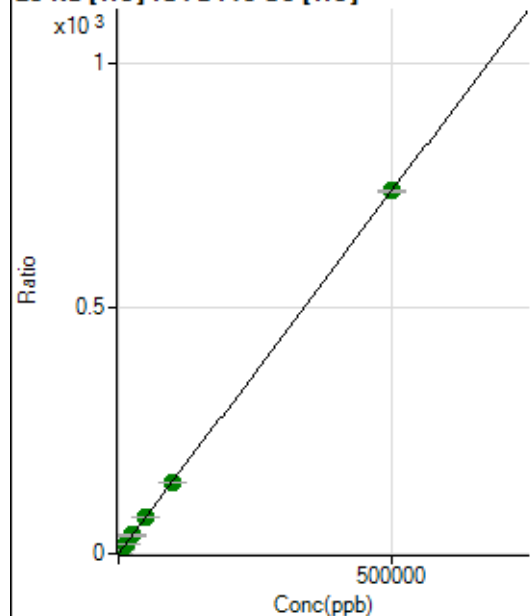
$$R = 1.0000$$

$$DL = 0.05175$$

$$BEC = 1.9$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	19054.42	0.0414	P	2.1
2	☐	50.000					
3	☐	500.000	502.152	360914.87	0.7833	P	3.2
4	☐	5000.000	4970.527	3402834.43	7.3855	A	2.8
5	☐	12500.000	12649.017	8636827.54	18.7307	A	0.3
6	☐	25000.000	25682.313	16834656.10	37.9877	A	8.0
7	☐	50000.000	50007.884	33722961.52	73.9294	A	0.9
8	☐	100000.00	98370.542	66902016.77	145.3865	A	0.1
9	☐	500000.00	500287.55	343689310.4	739.2298	A	0.3

$$y = 0.0015 * x + 0.0414$$

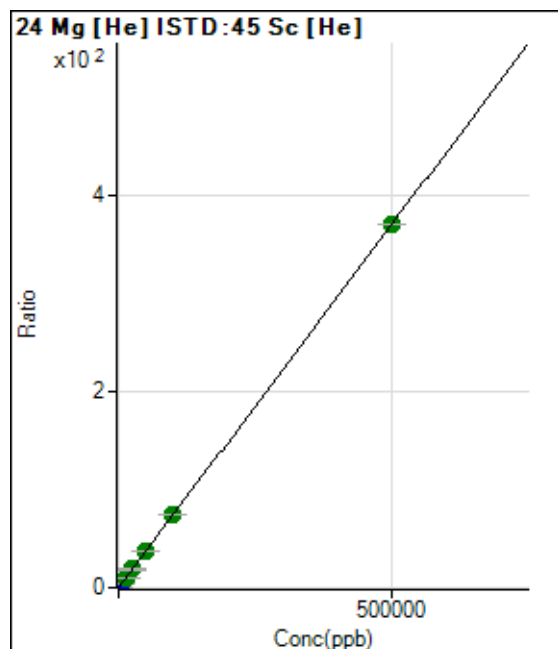
$$R = 1.0000$$

$$DL = 1.767$$

$$BEC = 28.01$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	183.34	0.0004	P	24.4
2	☐	50.000					
3	☐	500.000	523.168	178817.77	0.3882	P	4.2
4	☐	5000.000	5039.798	1721396.60	3.7361	P	4.1
5	☐	12500.000	12926.167	4418299.53	9.5819	A	0.2
6	☐	25000.000	26196.454	8604883.00	19.4184	A	8.1
7	☐	50000.000	50578.178	17101897.09	37.4913	A	0.7
8	☐	100000.00	99729.383	34017305.27	73.9245	A	0.4
9	☐	500000.00	499925.40	172288792.7	370.5685	A	0.1

$$y = 7.4125\text{E-}004 * x + 3.9848\text{E-}004$$

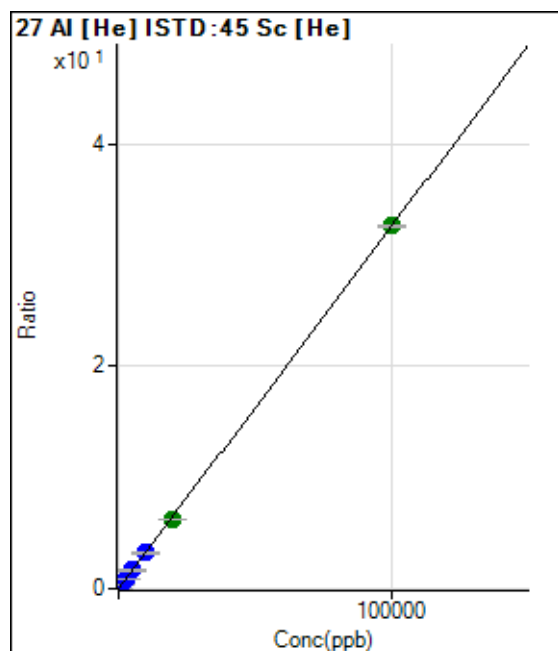
$$R = 1.0000$$

$$DL = 0.394$$

$$BEC = 0.5376$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	55.56	0.0001	P	8.6
2	☐	2.000					
3	☐	20.000	20.910	3197.70	0.0069	P	2.8
4	☐	1000.000	975.390	146450.47	0.3178	P	4.9
5	☐	2500.000	2520.244	378608.79	0.8211	P	0.4
6	☐	5000.000	5084.180	733953.47	1.6563	P	8.1
7	☐	10000.000	9829.116	1460566.37	3.2019	P	0.8
8	☐	20000.000	19316.831	2895572.14	6.2925	A	0.3
9	☐	100000.00	100149.25	15167587.32	32.6233	A	0.6

$$y = 3.2575\text{E-}004 * x + 1.2068\text{E-}004$$

$$R = 1.0000$$

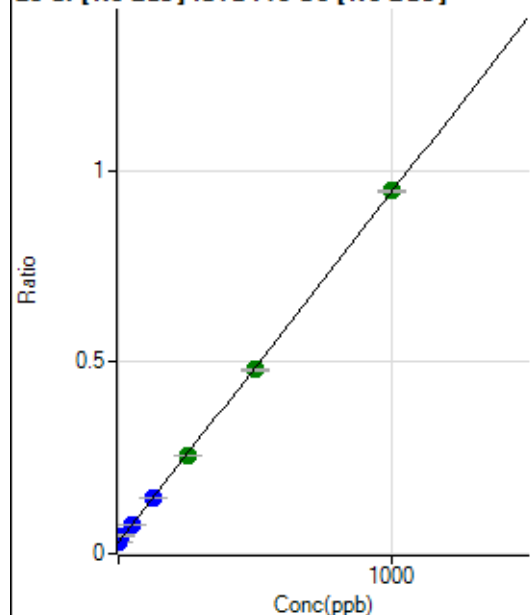
$$DL = 0.09575$$

$$BEC = 0.3705$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	294991.03	0.0299	P	0.9
2	☐	1.000					
3	☐	10.000	17.651	433668.85	0.0461	P	9.5
4	☐	50.000	49.791	754802.55	0.0754	P	1.2
5	☐	125.000	127.487	1445096.02	0.1464	P	0.5
6	☐	250.000	245.981	2462036.53	0.2547	A	0.4
7	☐	500.000	493.229	4609432.05	0.4805	A	0.7
8	☐	1000.000	1004.013	9113429.02	0.9472	A	0.4
9	☐			4896747.98	0.5160	A	2.9

$$y = 9.1362\text{E-}004 * x + 0.0299$$

$$R = 0.9999$$

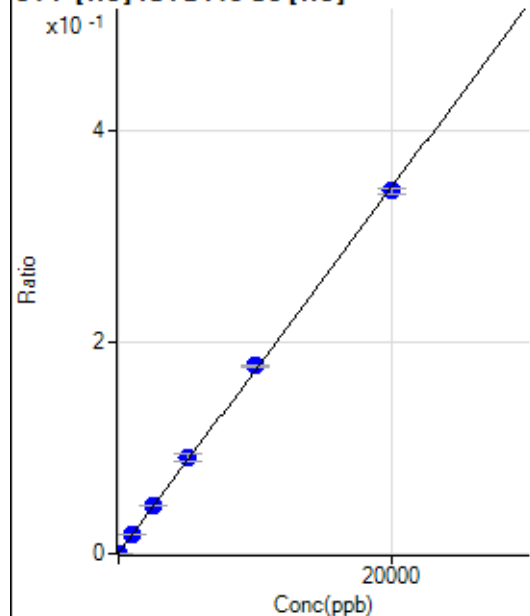
$$DL = 0.867$$

$$BEC = 32.76$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-2.797	158.34	0.0003	P	34.1
2	☐	0.000					
3	☐	0.000	2.797	202.79	0.0004	P	13.4
4	☐	1000.000	1003.150	8191.45	0.0178	P	2.1
5	☐	2500.000	2613.824	21071.14	0.0457	P	2.6
6	☐	5000.000	5256.492	40561.83	0.0915	P	7.6
7	☐	10000.000	10231.451	81078.60	0.1777	P	0.8
8	☐	20000.000	19805.766	158148.66	0.3437	P	1.7
9	☐			216.68	0.0005	P	4.6

$$y = 1.7333\text{E-}005 * x + 3.9212\text{E-}004$$

$$R = 0.9998$$

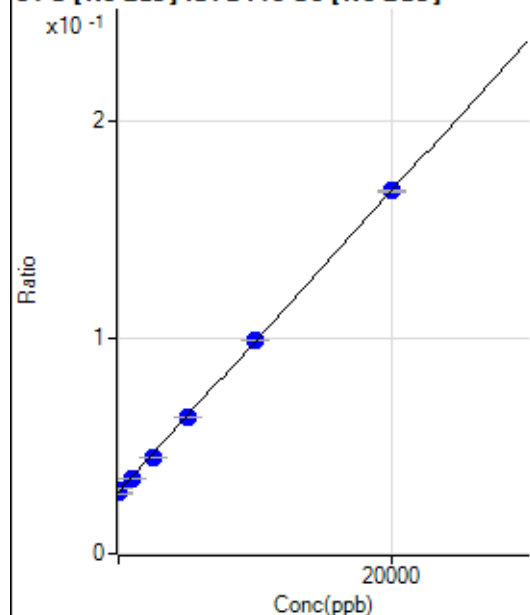
$$DL = 15.26$$

$$BEC = 22.62$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-74.997	277864.74	0.0282	P	0.9
2	☐	0.000					
3	☐	0.000	74.997	275436.40	0.0292	P	8.6
4	☐	1000.000	832.476	345455.79	0.0345	P	1.1
5	☐	2500.000	2299.863	441664.61	0.0447	P	0.3
6	☐	5000.000	4968.960	612487.77	0.0634	P	0.4
7	☐	10000.000	10099.775	950758.68	0.0991	P	0.2
8	☐	20000.000	19991.266	1617123.86	0.1681	P	0.4
9	☐			231846.29	0.0244	P	2.2

$$y = 6.9713E-006 * x + 0.0287$$

R = 0.9999

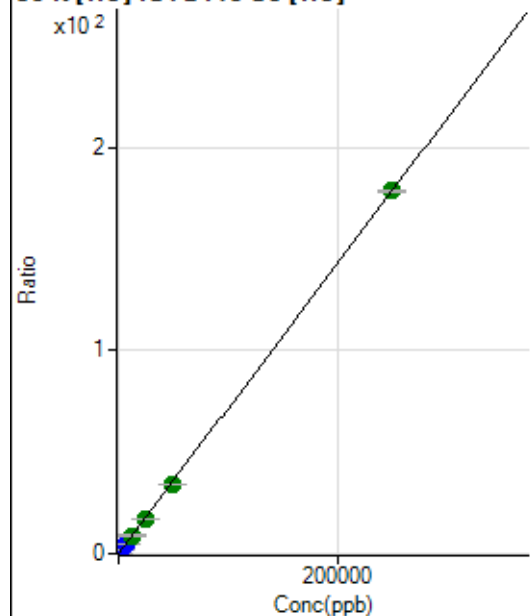
DL = 599.8

BEC = 4118

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	17830.78	0.0387	P	1.3
2	☐	50.000					
3	☐	500.000	489.388	178718.92	0.3880	P	3.8
4	☐	2500.000	2433.913	818072.28	1.7755	P	2.1
5	☐	6250.000	6103.693	2026213.15	4.3942	P	0.3
6	☐	12500.000	12417.447	3944866.93	8.8996	A	7.5
7	☐	25000.000	24151.086	7878958.94	17.2725	A	0.7
8	☐	50000.000	47993.889	15777237.86	34.2863	A	0.5
9	☐	250000.00	250494.58	83123033.11	178.7870	A	0.5

$$y = 7.1358E-004 * x + 0.0387$$

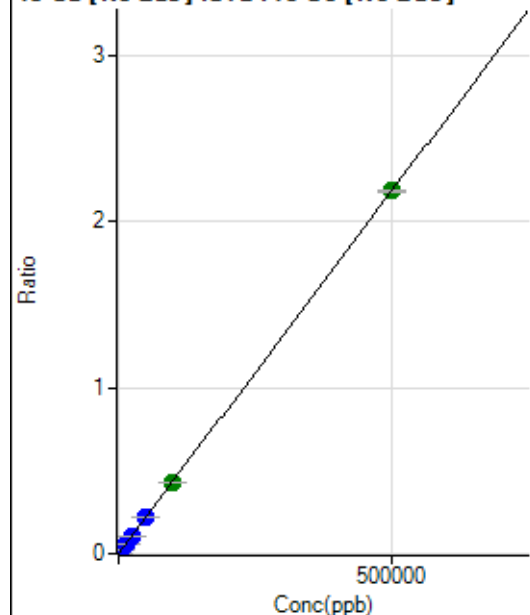
R = 1.0000

DL = 2.173

BEC = 54.28

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	177.79	0.0000	P	22.2
2	☐	50.000					
3	☐	500.000	512.093	21204.80	0.0023	P	12.3
4	☐	5000.000	5063.721	221645.62	0.0221	P	1.0
5	☐	12500.000	12605.033	543812.48	0.0551	P	0.3
6	☐	25000.000	24807.609	1048086.70	0.1084	P	0.3
7	☐	50000.000	49385.556	2069904.39	0.2158	P	0.3
8	☐	100000.00	97381.735	4093909.90	0.4255	A	0.6
9	☐	500000.00	500591.44	20753610.36	2.1872	A	0.7

$$y = 4.3692\text{E-}006 * x + 1.8037\text{E-}005$$

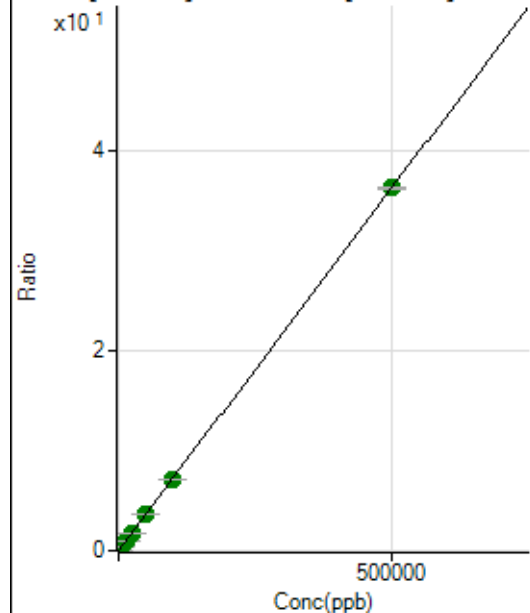
$$R = 1.0000$$

$$DL = 2.745$$

$$BEC = 4.128$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	9809.61	0.0010	P	0.4
2	☐	50.000					
3	☐	500.000	492.857	345578.76	0.0367	P	9.0
4	☐	5000.000	4944.710	3594108.15	0.3591	A	0.2
5	☐	12500.000	12372.111	8853625.20	0.8969	A	0.2
6	☐	25000.000	24571.624	17212791.36	1.7804	A	0.2
7	☐	50000.000	49236.945	34209936.88	3.5665	A	0.3
8	☐	100000.00	97358.162	67842280.68	7.0512	A	0.5
9	☐	500000.00	500629.84	344006927.1	36.2542	A	0.6

$$y = 7.2415\text{E-}005 * x + 9.9513\text{E-}004$$

$$R = 1.0000$$

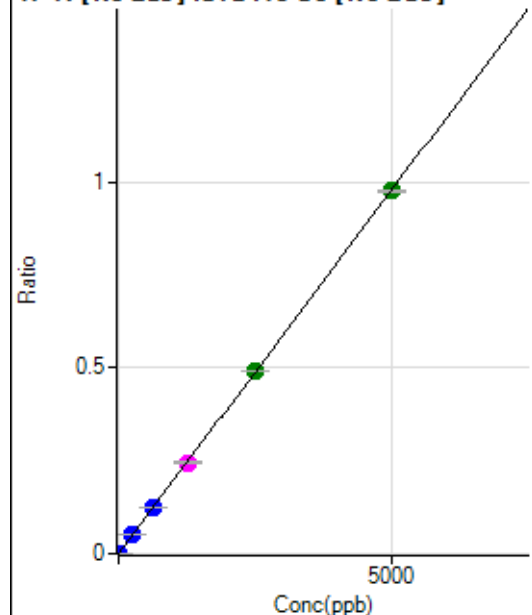
$$DL = 0.1681$$

$$BEC = 13.74$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	122.23	0.0000	P	31.8
2	☐	0.500					
3	☐	5.000	5.359	9987.06	0.0011	P	10.3
4	☐	250.000	253.481	496549.72	0.0496	P	0.6
5	☐	625.000	629.156	1215265.51	0.1231	P	0.5
6	☐	1250.000	1253.108	2370656.17	0.2452	M	0.6
7	☐	2500.000	2514.841	4720015.99	0.4921	A	0.4
8	☐	5000.000	4991.109	9396090.14	0.9766	A	0.4
9	☐			2589.22	0.0003	P	7.2

$$y = 1.9566E-004 * x + 1.2407E-005$$

$$R = 1.0000$$

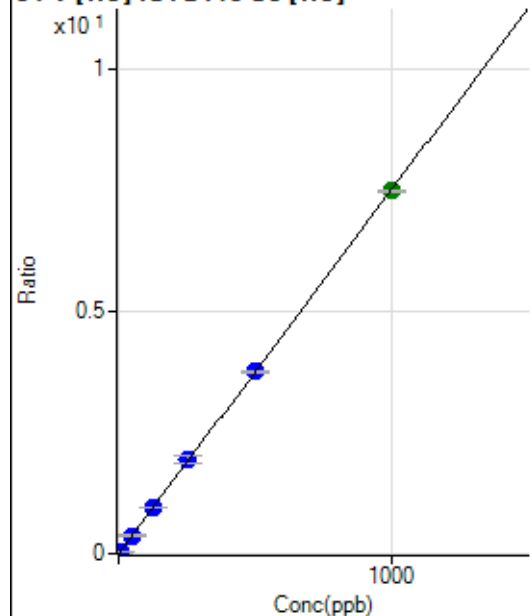
$$DL = 0.06052$$

$$BEC = 0.06341$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	6.67	0.0000	P	49.7
2	☐	0.500					
3	☐	5.000	5.060	17490.55	0.0380	P	3.5
4	☐	50.000	49.485	170997.69	0.3711	P	4.6
5	☐	125.000	128.127	443071.96	0.9609	P	0.3
6	☐	250.000	258.722	859776.92	1.9403	P	8.2
7	☐	500.000	500.796	1713189.53	3.7557	P	0.6
8	☐	1000.000	997.056	3440769.04	7.4773	A	0.7
9	☐			1625.67	0.0035	P	5.2

$$y = 0.0075 * x + 1.4469E-005$$

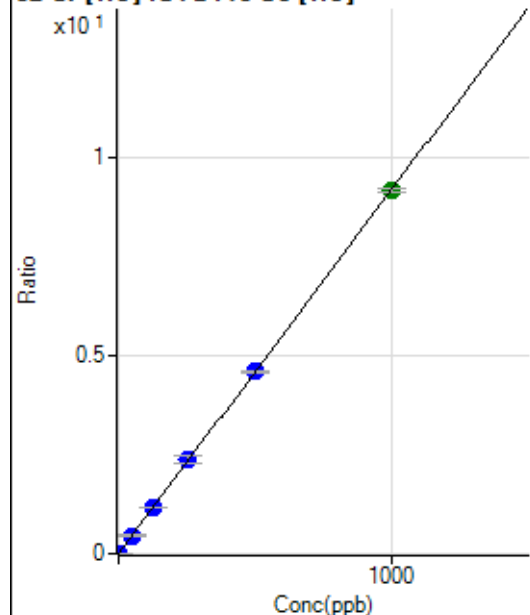
$$R = 1.0000$$

$$DL = 0.002878$$

$$BEC = 0.001929$$

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	1131.18	0.0025	P	6.6
2	☐	0.200					
3	☐	2.000	2.224	10541.69	0.0229	P	2.2
4	☐	50.000	49.570	210767.08	0.4574	P	5.2
5	☐	125.000	128.990	547072.55	1.1864	P	0.2
6	☐	250.000	260.417	1060483.90	2.3928	P	7.8
7	☐	500.000	500.162	2095280.51	4.5933	P	0.7
8	☐	1000.000	996.837	4211431.12	9.1522	A	0.9
9	☐			135073.88	0.2905	P	0.5

$$y = 0.0092 * x + 0.0025$$

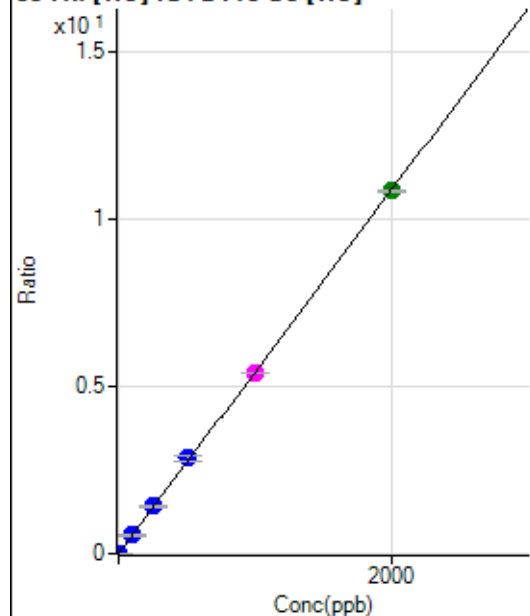
$$R = 0.9999$$

$$DL = 0.05309$$

$$BEC = 0.2677$$

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	80.00	0.0002	P	6.9
2	☐	0.100					
3	☐	1.000	1.089	2801.42	0.0061	P	5.0
4	☐	100.000	100.822	252067.65	0.5471	P	4.4
5	☐	250.000	259.126	648233.25	1.4058	P	0.2
6	☐	500.000	523.865	1259560.84	2.8419	P	7.8
7	☐	1000.000	995.349	2463017.41	5.3995	M	0.6
8	☐	2000.000	1995.177	4980362.49	10.8231	A	0.5
9	☐			21707.33	0.0467	P	1.4

$$y = 0.0054 * x + 1.7375E-004$$

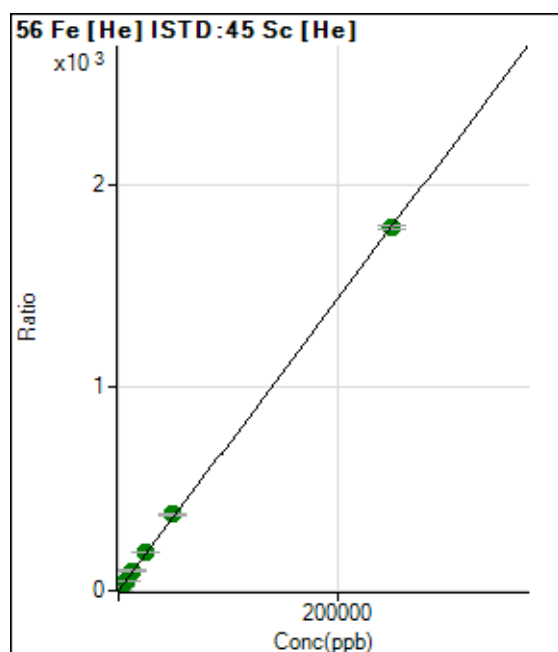
$$R = 0.9999$$

$$DL = 0.00665$$

$$BEC = 0.03203$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5384.45	0.0117	P	2.8
2	☐	5.000					
3	☐	50.000	55.421	188307.90	0.4088	P	3.9
4	☐	2500.000	2596.754	8577644.46	18.6167	A	5.5
5	☐	6250.000	6772.537	22379765.55	48.5350	A	0.3
6	☐	12500.000	13775.366	43751675.98	98.7084	A	7.7
7	☐	25000.000	26373.930	86200847.30	188.9736	A	0.8
8	☐	50000.000	52338.434	172560363.1	375.0020	A	0.8
9	☐	250000.00	249317.12	830461685.2	1,786.299	A	1.0

$$y = 0.0072 * x + 0.0117$$

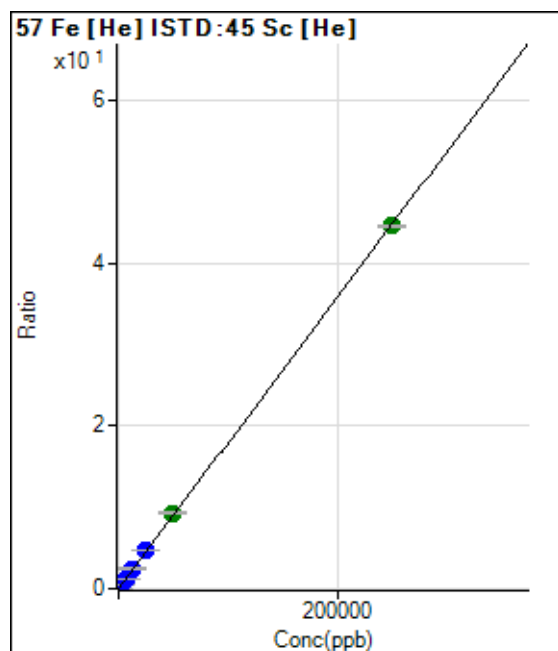
R = 0.9999

DL = 0.1391

BEC = 1.632

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	222.23	0.0005	P	6.2
2	☐	5.000					
3	☐	50.000	56.051	4834.29	0.0105	P	6.2
4	☐	2500.000	2615.028	215531.98	0.4678	P	5.0
5	☐	6250.000	6785.401	559315.98	1.2130	P	1.0
6	☐	12500.000	13652.698	1081588.30	2.4402	P	7.7
7	☐	25000.000	26148.539	2131696.51	4.6732	P	0.9
8	☐	50000.000	52161.503	4289552.03	9.3217	A	0.2
9	☐	250000.00	249380.67	20718931.25	44.5647	A	0.7

$$y = 1.7870E-004 * x + 4.8264E-004$$

R = 1.0000

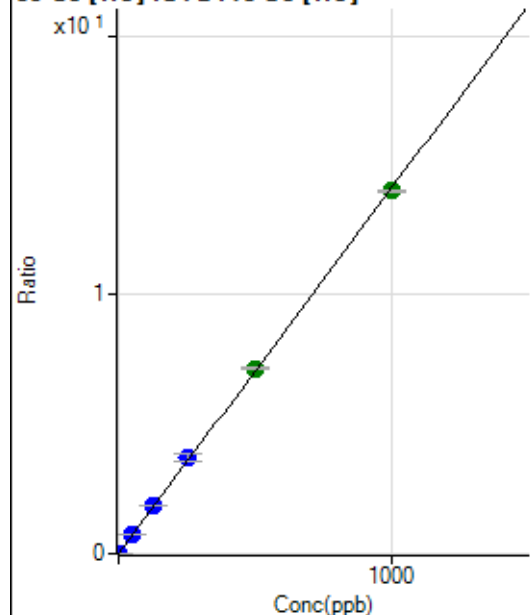
DL = 0.5023

BEC = 2.701

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	73.34	0.0002	P	21.2
2	☐	0.100					
3	☐	1.000	1.074	7051.79	0.0153	P	4.6
4	☐	50.000	51.853	337213.09	0.7319	P	4.5
5	☐	125.000	132.037	859218.67	1.8634	P	0.7
6	☐	250.000	264.646	1655280.10	3.7348	P	7.8
7	☐	500.000	505.404	3253414.15	7.1323	A	1.0
8	☐	1000.000	992.664	6446162.40	14.0084	A	0.3
9	☐			77445.31	0.1666	P	1.1

$$y = 0.0141 * x + 1.5939E-004$$

$$R = 0.9998$$

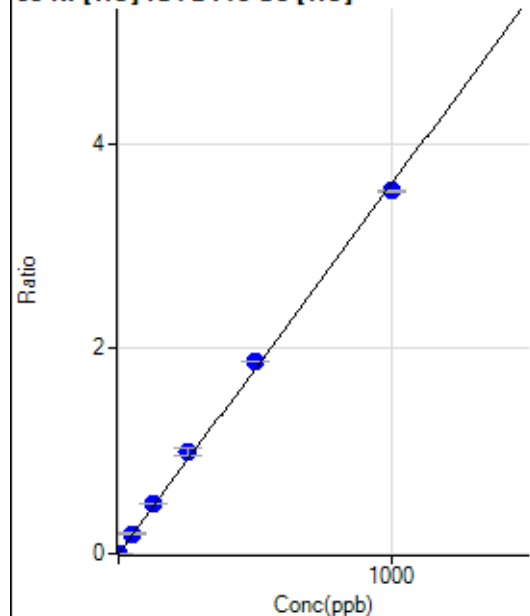
$$DL = 0.007185$$

$$BEC = 0.0113$$

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	100.00	0.0002	P	24.2
2	☐	0.100					
3	☐	1.000	1.177	2052.40	0.0045	P	7.5
4	☐	50.000	53.895	89573.87	0.1944	P	4.6
5	☐	125.000	137.404	228398.91	0.4953	P	0.3
6	☐	250.000	274.715	438726.05	0.9901	P	8.2
7	☐	500.000	520.356	855381.52	1.8752	P	0.8
8	☐	1000.000	981.898	1628185.18	3.5382	P	0.5
9	☐			45428.11	0.0977	P	1.8

$$y = 0.0036 * x + 2.1729E-004$$

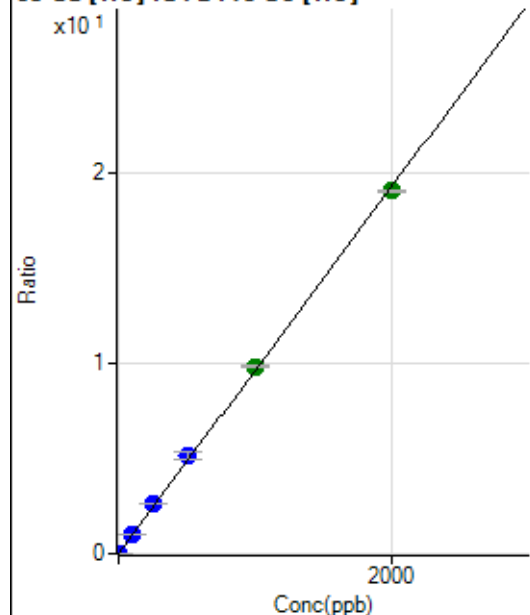
$$R = 0.9993$$

$$DL = 0.04375$$

$$BEC = 0.0603$$

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	1660.12	0.0036	P	1.5
2	☐	0.200					
3	☐	2.000	2.211	11469.10	0.0249	P	3.0
4	☐	100.000	105.938	471602.67	1.0236	P	4.9
5	☐	250.000	269.799	1199418.17	2.6012	P	0.5
6	☐	500.000	533.623	2278739.12	5.1413	P	7.7
7	☐	1000.000	1021.246	4486787.64	9.8361	A	0.7
8	☐	2000.000	1978.199	8765850.50	19.0496	A	0.7
9	☐			20198.57	0.0434	P	1.4

$$y = 0.0096 * x + 0.0036$$

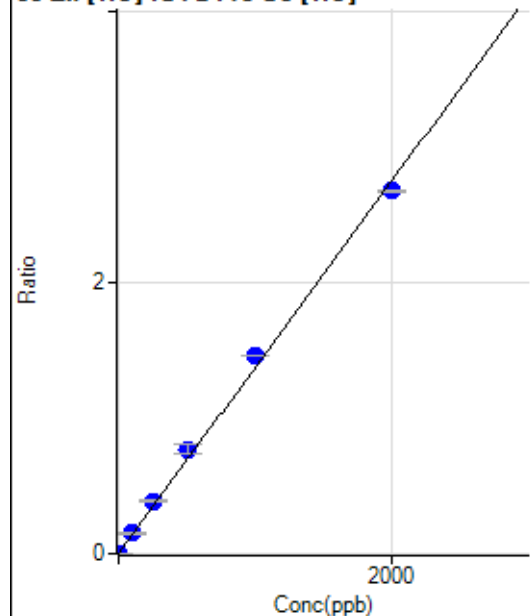
$$R = 0.9997$$

$$DL = 0.01682$$

$$BEC = 0.3746$$

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	450.01	0.0010	P	1.7
2	☐	0.200					
3	☐	2.000	2.253	1876.82	0.0041	P	4.7
4	☐	100.000	110.221	70128.75	0.1522	P	4.8
5	☐	250.000	283.356	179725.01	0.3898	P	0.5
6	☐	500.000	561.454	341738.64	0.7713	P	8.6
7	☐	1000.000	1062.594	665533.94	1.4590	P	0.6
8	☐	2000.000	1948.658	1230808.72	2.6747	P	0.8
9	☐			6480.45	0.0139	P	5.0

$$y = 0.0014 * x + 9.7749E-004$$

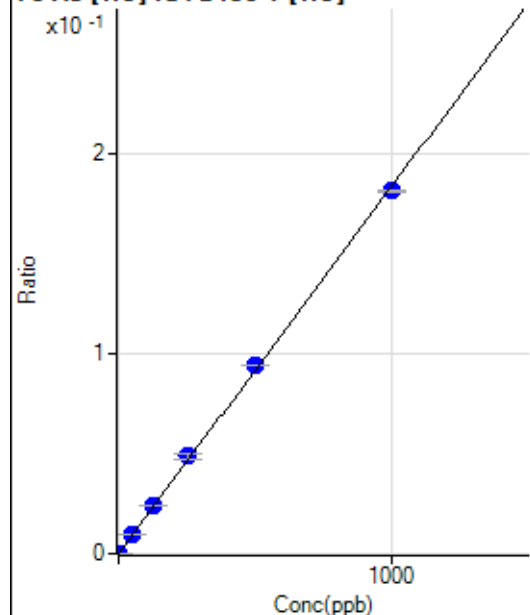
$$R = 0.9986$$

$$DL = 0.03696$$

$$BEC = 0.7124$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3.70	0.0000	P	99.7
2	☐	0.100					
3	☐	1.000	1.067	454.95	0.0002	P	3.0
4	☐	50.000	51.419	22090.30	0.0094	P	5.0
5	☐	125.000	131.256	56473.82	0.0241	P	0.6
6	☐	250.000	266.671	110122.46	0.0490	P	5.9
7	☐	500.000	512.900	218232.12	0.0942	P	0.2
8	☐	1000.000	988.529	420265.95	0.1816	P	0.7
9	☐			607.42	0.0003	P	3.7

$$y = 1.8371\text{E-}004 * x + 1.6093\text{E-}006$$

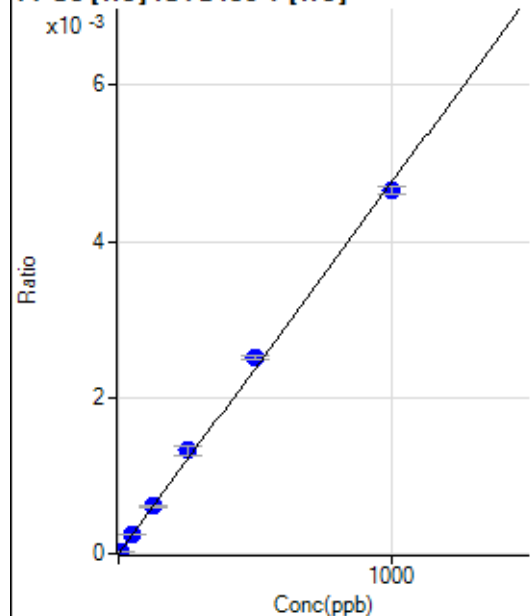
$$R = 0.9997$$

$$DL = 0.0262$$

$$BEC = 0.00876$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.500					
3	☐	5.000	5.250	57.78	0.0000	P	24.6
4	☐	50.000	52.888	587.80	0.0003	P	2.7
5	☐	125.000	127.397	1417.87	0.0006	P	5.7
6	☐	250.000	278.385	2970.35	0.0013	P	9.5
7	☐	500.000	528.951	5822.38	0.0025	P	1.1
8	☐	1000.000	977.983	10756.34	0.0046	P	2.2
9	☐			2.22	0.0000	P	173.

$$y = 4.7528\text{E-}006 * x + 0.0000\text{E+}000$$

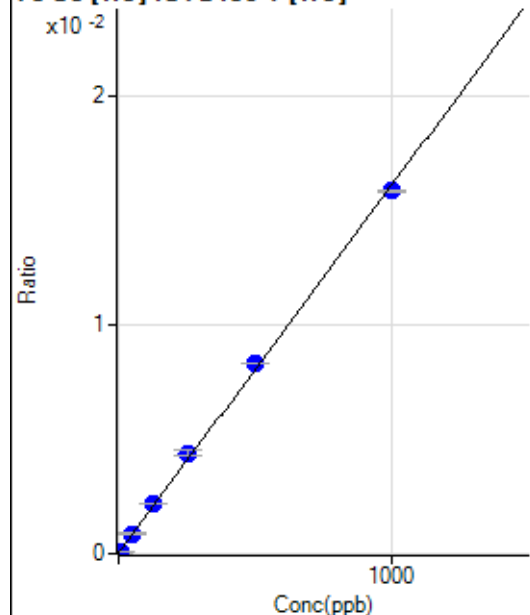
$$R = 0.9989$$

$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	64.82	0.0000	P	17.4
2	☐	0.500					
3	☐	5.000	5.506	268.53	0.0001	P	5.8
4	☐	50.000	52.229	2024.85	0.0009	P	6.5
5	☐	125.000	133.942	5097.85	0.0022	P	2.7
6	☐	250.000	271.443	9853.40	0.0044	P	5.1
7	☐	500.000	515.976	19233.81	0.0083	P	0.4
8	☐	1000.000	985.420	36645.52	0.0158	P	0.3
9	☐			106.79	0.0000	P	15.7

$$y = 1.6040\text{E-}005 * x + 2.8184\text{E-}005$$

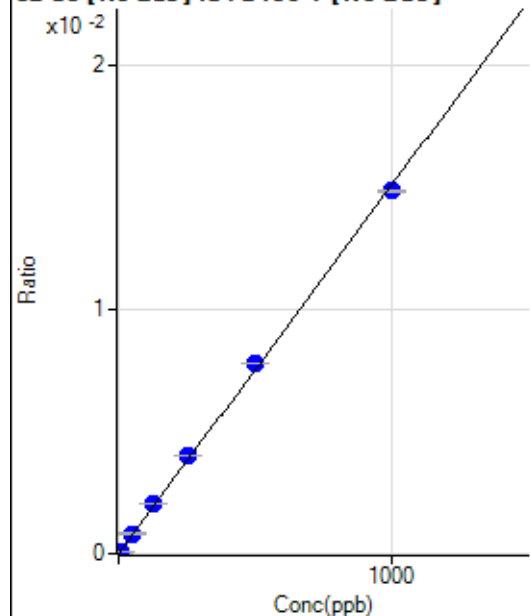
$$R = 0.9995$$

$$DL = 0.9155$$

$$BEC = 1.757$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	55.47	0.0000	P	118.
2	☐	0.500					
3	☐	5.000	5.369	1240.75	0.0001	P	2.9
4	☐	50.000	54.456	12919.85	0.0008	P	2.7
5	☐	125.000	134.472	31613.98	0.0020	P	0.8
6	☐	250.000	267.480	61741.36	0.0040	P	0.4
7	☐	500.000	518.079	119009.08	0.0078	P	0.4
8	☐	1000.000	985.182	225243.93	0.0149	P	0.7
9	☐			174.20	0.0000	P	18.9

$$y = 1.5077\text{E-}005 * x + 3.5737\text{E-}006$$

$$R = 0.9996$$

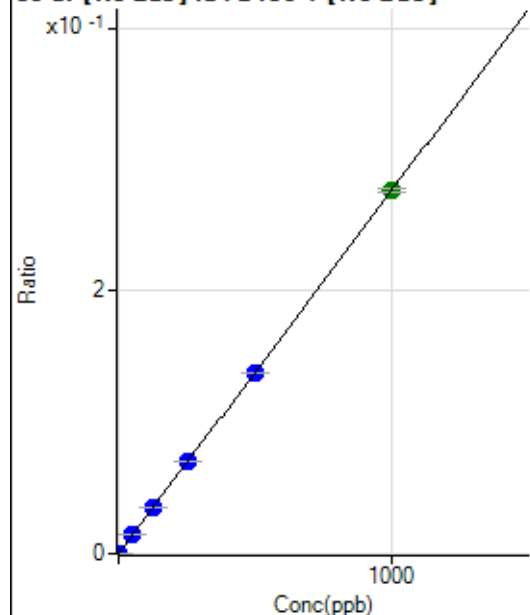
$$DL = 0.8441$$

$$BEC = 0.237$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	583.37	0.0000	P	2.8
2	☐	0.100					
3	☐	1.000	1.105	4995.53	0.0003	P	15.2
4	☐	50.000	51.381	223057.68	0.0142	P	1.0
5	☐	125.000	128.352	552703.18	0.0355	P	0.3
6	☐	250.000	253.468	1072018.10	0.0701	P	0.2
7	☐	500.000	498.102	2096864.00	0.1377	P	0.2
8	☐	1000.000	999.594	4188495.06	0.2763	A	1.2
9	☐			19477.69	0.0013	P	2.9

$$y = 2.7636E-004 * x + 3.7488E-005$$

$$R = 1.0000$$

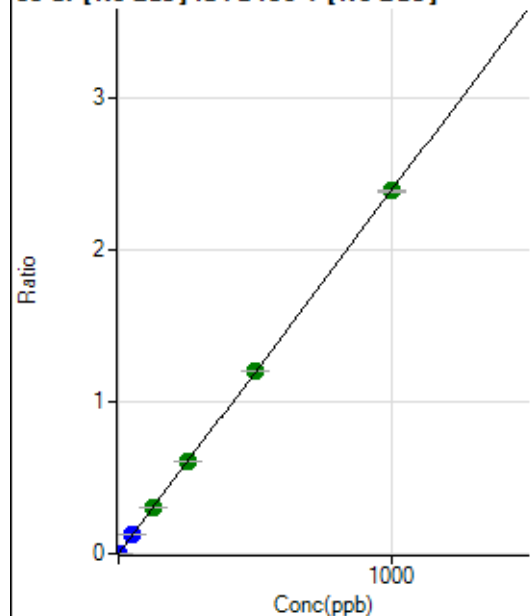
$$DL = 0.01156$$

$$BEC = 0.1357$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	208.34	0.0000	P	14.4
2	☐	0.100					
3	☐	1.000	1.080	38007.02	0.0026	P	10.3
4	☐	50.000	50.845	1908403.32	0.1218	P	0.9
5	☐	125.000	125.629	4684287.13	0.3009	A	0.4
6	☐	250.000	251.817	9226682.76	0.6032	A	0.3
7	☐	500.000	501.305	18286662.73	1.2008	A	0.3
8	☐	1000.000	998.772	36270175.46	2.3925	A	0.5
9	☐			169027.85	0.0116	P	0.7

$$y = 0.0024 * x + 1.3394E-005$$

$$R = 1.0000$$

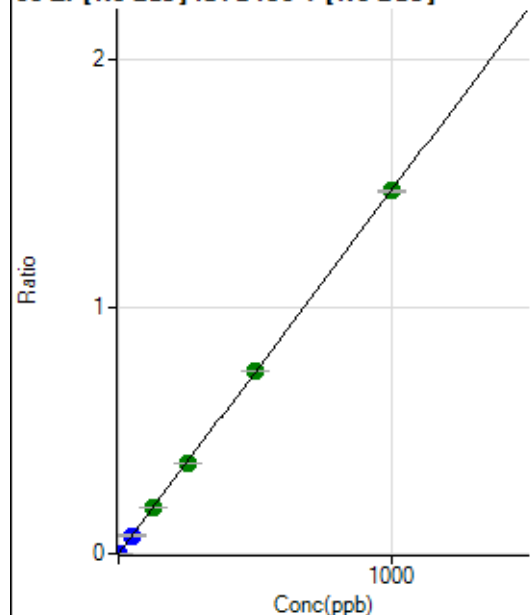
$$DL = 0.00241$$

$$BEC = 0.005591$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1255.67	0.0001	P	6.6
2	☐	0.100					
3	☐	1.000	1.081	24421.66	0.0017	P	8.2
4	☐	50.000	50.183	1157270.34	0.0739	P	0.7
5	☐	125.000	125.185	2866160.24	0.1841	A	0.3
6	☐	250.000	250.675	5638650.56	0.3686	A	0.4
7	☐	500.000	502.360	11249027.77	0.7387	A	0.3
8	☐	1000.000	998.619	22260324.80	1.4683	A	0.2
9	☐			5070.56	0.0003	P	6.4

$$y = 0.0015 * x + 8.0668E-005$$

$$R = 1.0000$$

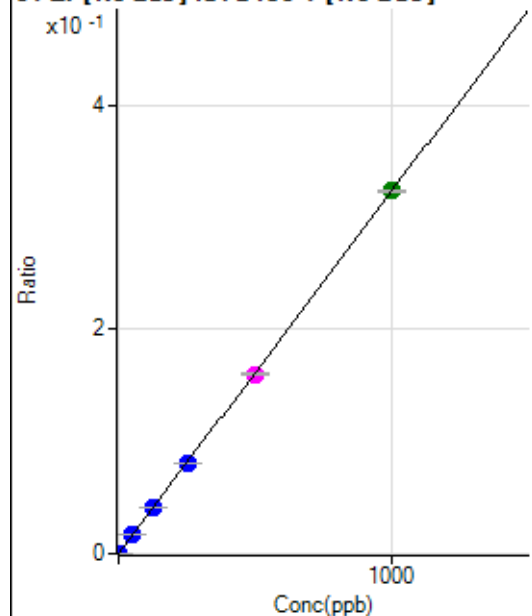
$$DL = 0.01089$$

$$BEC = 0.05487$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	277.79	0.0000	P	18.4
2	☐	0.100					
3	☐	1.000	1.059	5259.50	0.0004	P	11.5
4	☐	50.000	51.603	261723.16	0.0167	P	1.1
5	☐	125.000	126.249	635748.51	0.0408	P	1.0
6	☐	250.000	250.534	1239508.05	0.0810	P	0.5
7	☐	500.000	496.286	2444351.83	0.1605	M	0.8
8	☐	1000.000	1001.487	4910142.65	0.3239	A	0.7
9	☐			1136.20	0.0001	P	14.0

$$y = 3.2338E-004 * x + 1.7857E-005$$

$$R = 1.0000$$

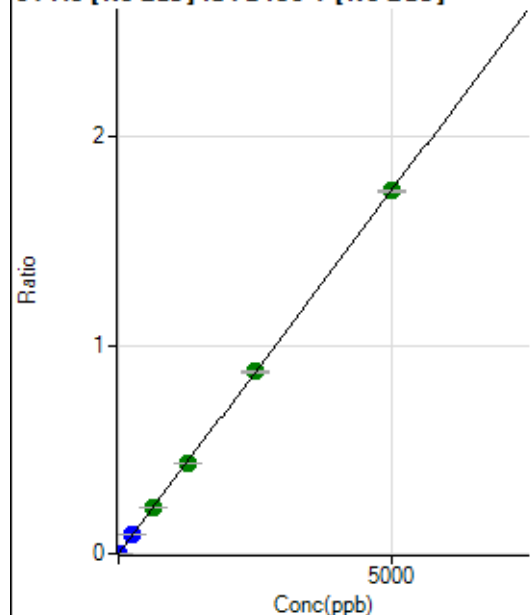
$$DL = 0.03052$$

$$BEC = 0.05522$$

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	497.25	0.0000	P	27.1
2	☐	0.500					
3	☐	5.000	5.286	27418.83	0.0019	P	6.5
4	☐	250.000	253.485	1383112.46	0.0883	P	0.6
5	☐	625.000	626.260	3393995.13	0.2181	A	0.1
6	☐	1250.000	1248.683	6649491.08	0.4347	A	0.8
7	☐	2500.000	2505.944	13285270.96	0.8724	A	0.9
8	☐	5000.000	4997.025	26373280.80	1.7396	A	0.7
9	☐			22309.74	0.0015	P	2.8

$$y = 3.4813\text{E-}004 * x + 3.1977\text{E-}005$$

$$R = 1.0000$$

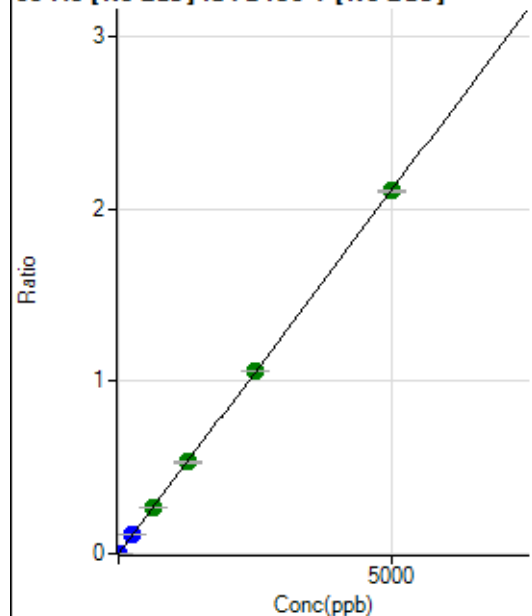
$$DL = 0.07475$$

$$BEC = 0.09186$$

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	77.78	0.0000	P	6.7
2	☐	0.500					
3	☐	5.000	5.375	33211.64	0.0023	P	9.2
4	☐	250.000	255.781	1689918.61	0.1079	P	0.8
5	☐	625.000	630.016	4135129.35	0.2657	A	0.1
6	☐	1250.000	1258.306	8115828.66	0.5306	A	0.6
7	☐	2500.000	2509.895	16116815.99	1.0584	A	0.6
8	☐	5000.000	4992.060	31912583.35	2.1050	A	0.7
9	☐			35678.77	0.0025	P	1.7

$$y = 4.2167\text{E-}004 * x + 4.9990\text{E-}006$$

$$R = 1.0000$$

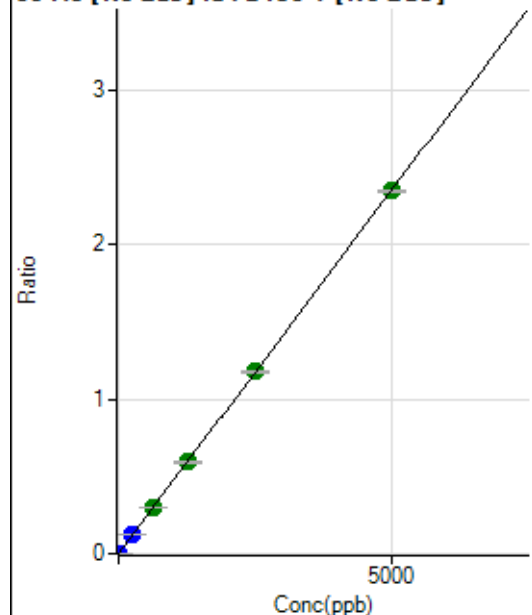
$$DL = 0.002377$$

$$BEC = 0.01186$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	202.79	0.0000	P	15.6
2	☐	0.500					
3	☐	5.000	5.319	36639.70	0.0025	P	11.8
4	☐	250.000	252.876	1860262.15	0.1187	P	0.6
5	☐	625.000	627.347	4584508.35	0.2945	A	0.3
6	☐	1250.000	1257.248	9028331.80	0.5903	A	0.6
7	☐	2500.000	2508.663	17934963.08	1.1778	A	0.8
8	☐	5000.000	4993.419	35539649.06	2.3443	A	0.7
9	☐			48268.73	0.0033	P	2.6

$$y = 4.6947\text{E-}004 * x + 1.3032\text{E-}005$$

$$R = 1.0000$$

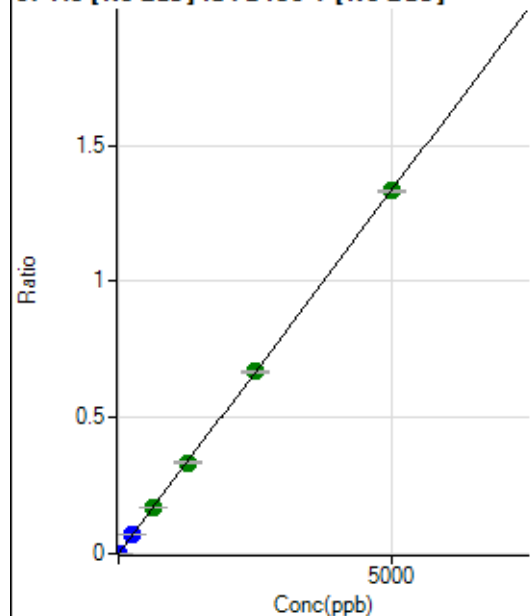
$$DL = 0.013$$

$$BEC = 0.02776$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	63.89	0.0000	P	30.4
2	☐	0.500					
3	☐	5.000	5.279	20640.73	0.0014	P	9.5
4	☐	250.000	254.196	1062261.04	0.0678	P	0.4
5	☐	625.000	626.681	2601560.58	0.1671	A	0.4
6	☐	1250.000	1255.957	5123550.12	0.3350	A	0.4
7	☐	2500.000	2507.957	10185681.74	0.6689	A	0.7
8	☐	5000.000	4994.112	20192169.72	1.3319	A	0.8
9	☐			22073.34	0.0015	P	3.9

$$y = 2.6670\text{E-}004 * x + 4.1083\text{E-}006$$

$$R = 1.0000$$

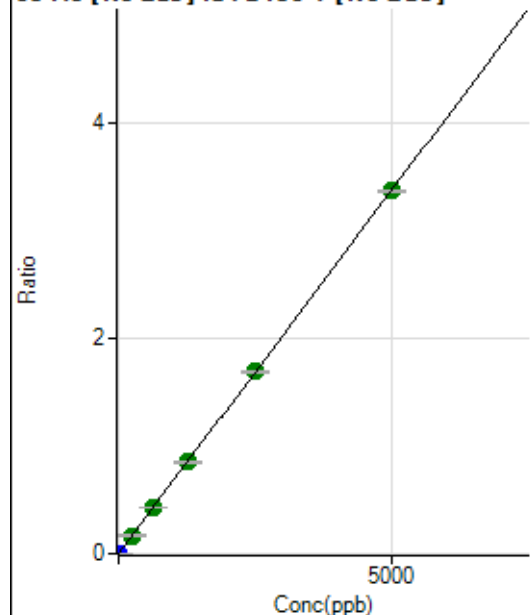
$$DL = 0.01404$$

$$BEC = 0.0154$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	136.12	0.0000	P	12.7
2	☐	0.500					
3	☐	5.000	5.302	52399.75	0.0036	P	10.9
4	☐	250.000	250.775	2652293.01	0.1693	A	0.6
5	☐	625.000	628.048	6598710.87	0.4239	A	0.3
6	☐	1250.000	1257.690	12985074.25	0.8489	A	0.8
7	☐	2500.000	2507.907	25778687.04	1.6928	A	0.6
8	☐	5000.000	4993.704	51100906.35	3.3707	A	0.6
9	☐			54973.46	0.0038	P	1.5

$$y = 6.7499\text{E-}004 * x + 8.7467\text{E-}006$$

$$R = 1.0000$$

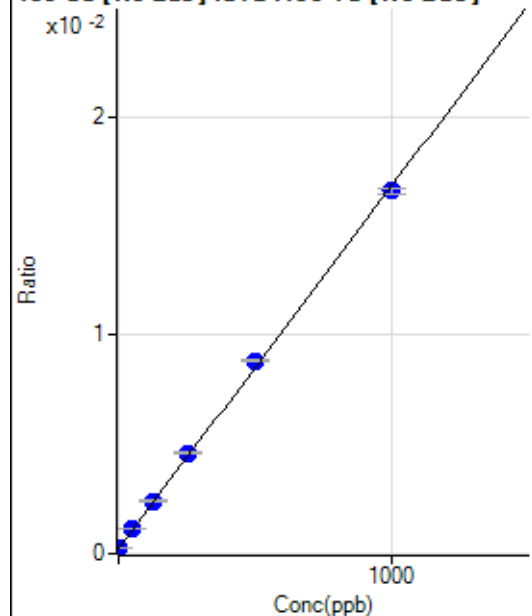
$$DL = 0.004954$$

$$BEC = 0.01296$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4867.72	0.0002	P	5.6
2	☐	0.100					
3	☐	1.000	0.712	4839.95	0.0003	P	7.7
4	☐	50.000	55.167	23731.84	0.0012	P	1.2
5	☐	125.000	131.205	49799.87	0.0024	P	0.7
6	☐	250.000	263.302	93907.61	0.0046	P	1.4
7	☐	500.000	517.235	179894.82	0.0088	P	0.9
8	☐	1000.000	987.023	336026.82	0.0166	P	1.2
9	☐			4939.97	0.0003	P	5.2

$$y = 1.6590\text{E-}005 * x + 2.3897\text{E-}004$$

$$R = 0.9997$$

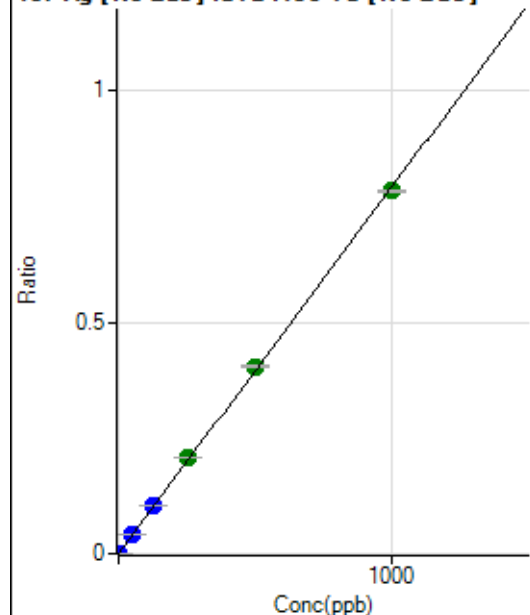
$$DL = 2.408$$

$$BEC = 14.4$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	161.12	0.0000	P	21.1
2	☐	0.100					
3	☐	1.000	1.103	16877.39	0.0009	P	8.9
4	☐	50.000	54.864	891851.68	0.0434	P	0.6
5	☐	125.000	131.822	2148356.36	0.1042	P	0.4
6	☐	250.000	262.022	4221981.43	0.2071	A	0.3
7	☐	500.000	510.521	8231293.59	0.4036	A	0.8
8	☐	1000.000	990.638	15838592.37	0.7831	A	0.7
9	☐			1639.05	0.0001	P	8.7

$$y = 7.9049\text{E-}004 * x + 7.9061\text{E-}006$$

$$R = 0.9998$$

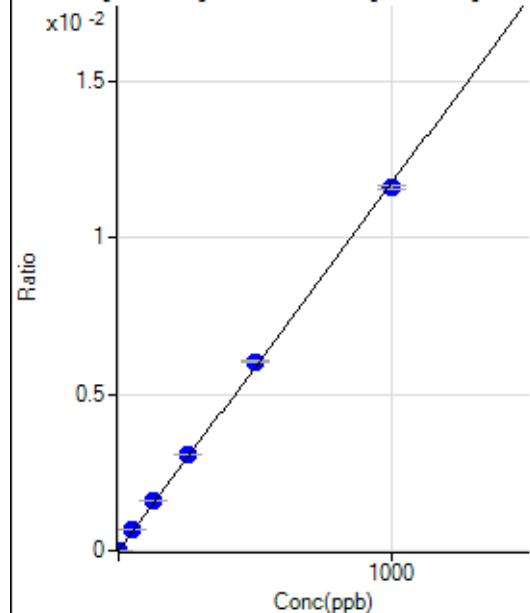
$$DL = 0.006324$$

$$BEC = 0.01$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8.34	0.0000	P	87.1
2	☐	0.100					
3	☐	1.000	1.064	247.23	0.0000	P	28.3
4	☐	50.000	55.709	13448.28	0.0007	P	0.6
5	☐	125.000	136.422	33008.19	0.0016	P	0.8
6	☐	250.000	262.575	62807.90	0.0031	P	1.2
7	☐	500.000	515.263	123323.33	0.0060	P	0.9
8	☐	1000.000	987.511	234363.79	0.0116	P	1.0
9	☐			63.89	0.0000	P	9.9

$$y = 1.1734\text{E-}005 * x + 4.1053\text{E-}007$$

$$R = 0.9997$$

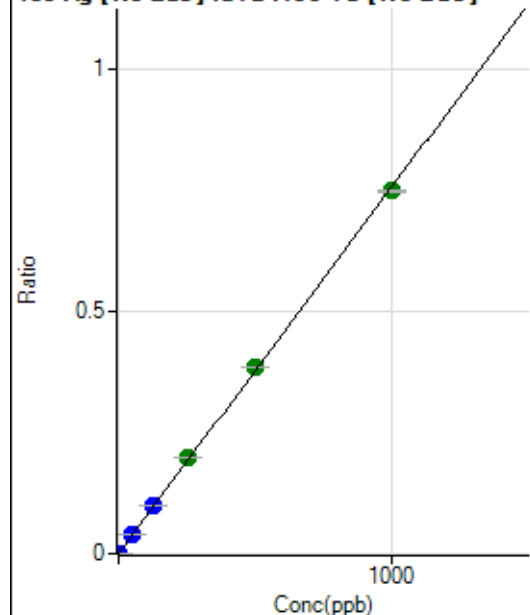
$$DL = 0.09139$$

$$BEC = 0.03499$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	119.45	0.0000	P	17.1
2	☐	0.100					
3	☐	1.000	1.108	16176.52	0.0008	P	10.3
4	☐	50.000	54.925	854486.58	0.0416	P	0.1
5	☐	125.000	132.438	2065719.01	0.1002	P	0.5
6	☐	250.000	262.630	4050089.89	0.1987	A	0.2
7	☐	500.000	510.612	7879370.49	0.3863	A	0.4
8	☐	1000.000	990.361	15154303.98	0.7493	A	0.2
9	☐			1516.81	0.0001	P	17.5

$$y = 7.5656\text{E-}004 * x + 5.8620\text{E-}006$$

$$R = 0.9998$$

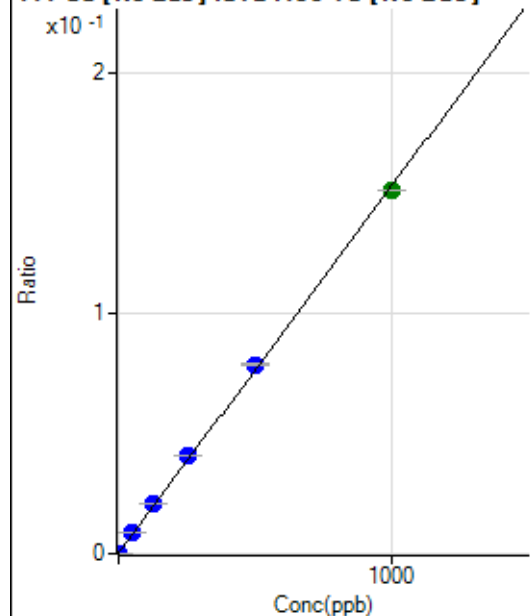
$$DL = 0.00397$$

$$BEC = 0.007748$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2432.19	0.0001	P	5.8
2	☐	0.100					
3	☐	1.000	1.078	5464.01	0.0003	P	5.6
4	☐	50.000	56.180	179183.91	0.0087	P	1.0
5	☐	125.000	136.968	434508.93	0.0211	P	0.9
6	☐	250.000	266.752	834395.68	0.0409	P	0.4
7	☐	500.000	513.340	1604525.63	0.0787	P	0.9
8	☐	1000.000	987.337	3057987.64	0.1512	A	0.1
9	☐			3028.07	0.0002	P	6.4

$$y = 1.5301\text{E-}004 * x + 1.1940\text{E-}004$$

$$R = 0.9997$$

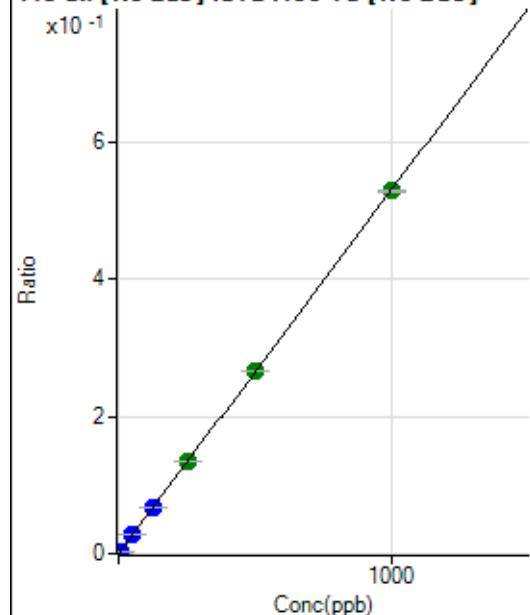
$$DL = 0.1349$$

$$BEC = 0.7803$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2911.55	0.0001	P	5.0
2	☐	0.500					
3	☐	5.000	5.321	56832.37	0.0030	P	8.3
4	☐	50.000	51.745	566718.12	0.0276	P	0.4
5	☐	125.000	126.345	1383188.01	0.0671	P	0.8
6	☐	250.000	254.754	2754595.33	0.1351	A	0.5
7	☐	500.000	502.582	5435051.16	0.2665	A	0.3
8	☐	1000.000	997.263	10691404.75	0.5286	A	0.3
9	☐			9581.47	0.0005	P	2.7

$$y = 5.2992\text{E-}004 * x + 1.4298\text{E-}004$$

$$R = 1.0000$$

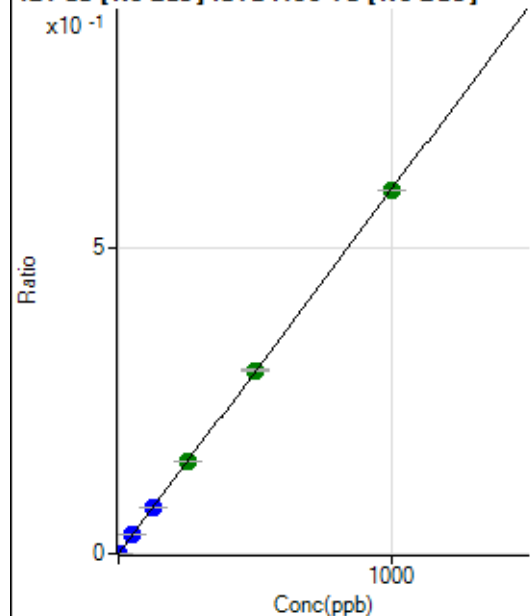
$$DL = 0.04068$$

$$BEC = 0.2698$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	88.89	0.0000	P	4.9
2	☐	0.200					
3	☐	2.000	2.111	24229.83	0.0013	P	9.0
4	☐	50.000	52.729	646850.89	0.0315	P	0.2
5	☐	125.000	127.694	1570498.31	0.0762	P	0.4
6	☐	250.000	255.854	3111168.43	0.1526	A	0.1
7	☐	500.000	503.873	6131017.63	0.3006	A	0.3
8	☐	1000.000	996.127	12018967.72	0.5943	A	0.2
9	☐			17058.23	0.0009	P	3.3

$$y = 5.9656\text{E-}004 * x + 4.3640\text{E-}006$$

$$R = 1.0000$$

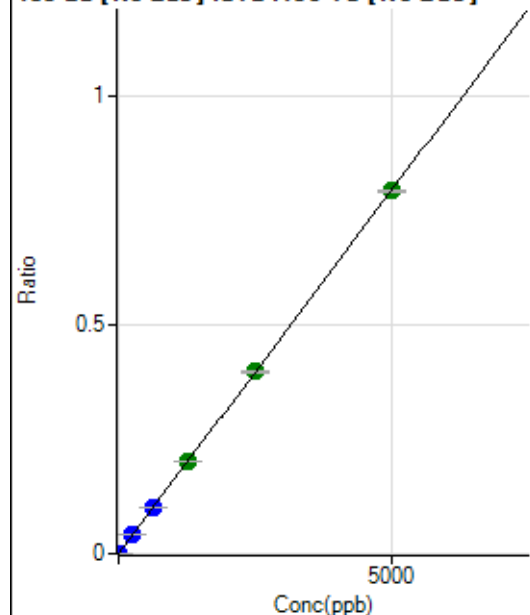
$$DL = 0.001081$$

$$BEC = 0.007315$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	38.89	0.0000	P	24.3
2	☐	1.000					
3	☐	10.000	10.632	32419.38	0.0017	P	8.9
4	☐	250.000	260.094	849456.64	0.0413	P	0.3
5	☐	625.000	630.320	2064111.70	0.1001	P	0.3
6	☐	1250.000	1265.462	4097240.37	0.2010	A	0.2
7	☐	2500.000	2503.424	8110750.96	0.3977	A	0.2
8	☐	5000.000	4993.252	16041812.17	0.7932	A	0.4
9	☐			2408.64	0.0001	P	4.0

$$y = 1.5885\text{E-}004 * x + 1.9082\text{E-}006$$

$$R = 1.0000$$

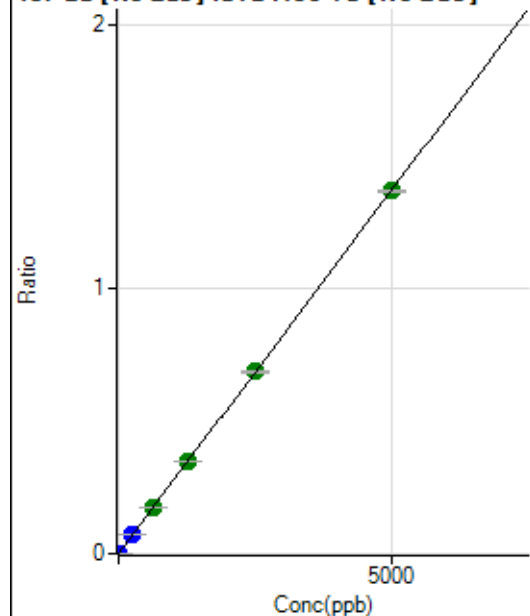
$$DL = 0.008771$$

$$BEC = 0.01201$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	105.56	0.0000	P	37.2
2	☐	1.000					
3	☐	10.000	10.604	55907.70	0.0029	P	9.8
4	☐	250.000	259.022	1462510.51	0.0711	P	0.4
5	☐	625.000	633.333	3585468.18	0.1739	A	0.6
6	☐	1250.000	1265.115	7081349.81	0.3474	A	0.5
7	☐	2500.000	2501.498	14011027.92	0.6869	A	0.1
8	☐	5000.000	4993.978	27736906.87	1.3714	A	0.2
9	☐			4139.68	0.0002	P	4.6

$$y = 2.7461\text{E-}004 * x + 5.1829\text{E-}006$$

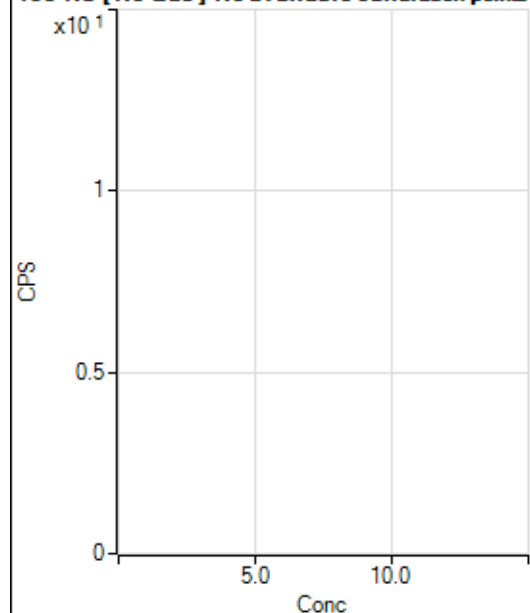
$$R = 1.0000$$

$$DL = 0.02108$$

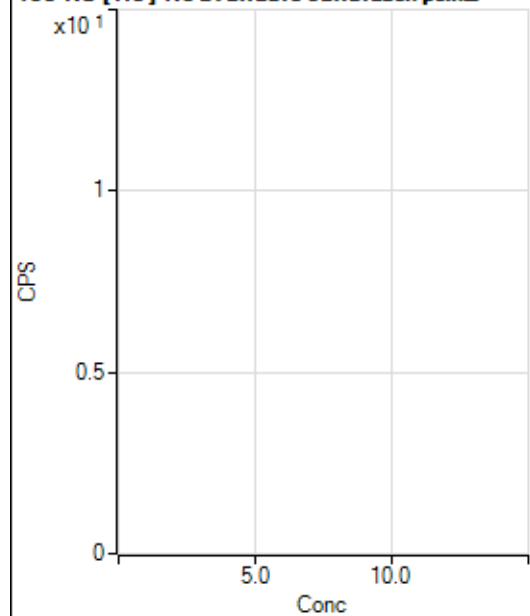
$$BEC = 0.01887$$

Weight: <None>

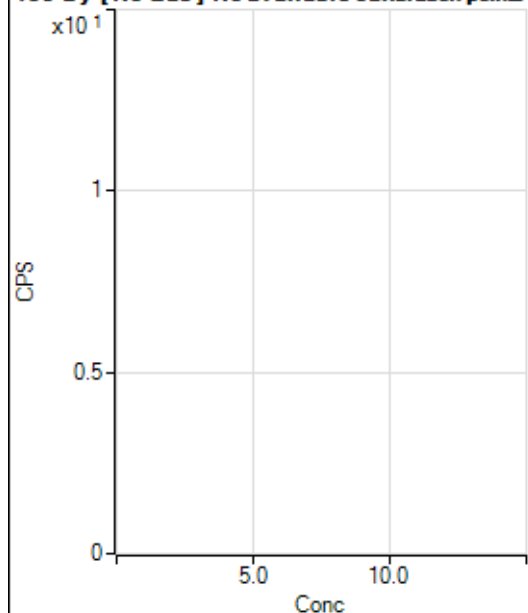
Min Conc: 0

150 Nd [No Gas] No available calibration points

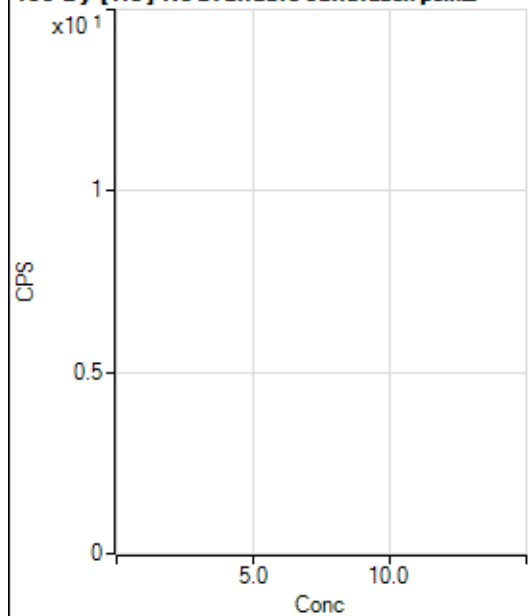
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			2.22		P	173.
4	☐			51.11		P	52.7
5	☐			115.56		P	33.8
6	☐			231.12		P	8.8
7	☐			468.91		P	1.6
8	☐			808.94		P	6.4
9	☐			142.23		P	28.3

150 Nd [He] No available calibration points

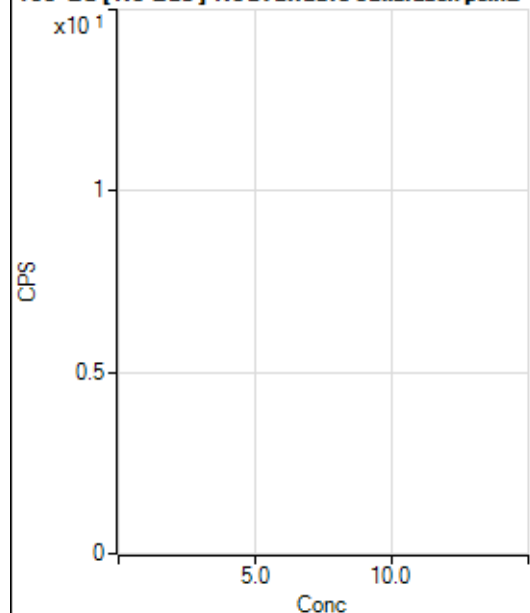
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			2.22		P	86.6
4	☐			6.67		P	50.0
5	☐			15.56		P	75.3
6	☐			42.22		P	40.5
7	☐			67.78		P	25.2
8	☐			91.11		P	27.5
9	☐			56.67		P	5.9

156 Dy [No Gas] No available calibration points

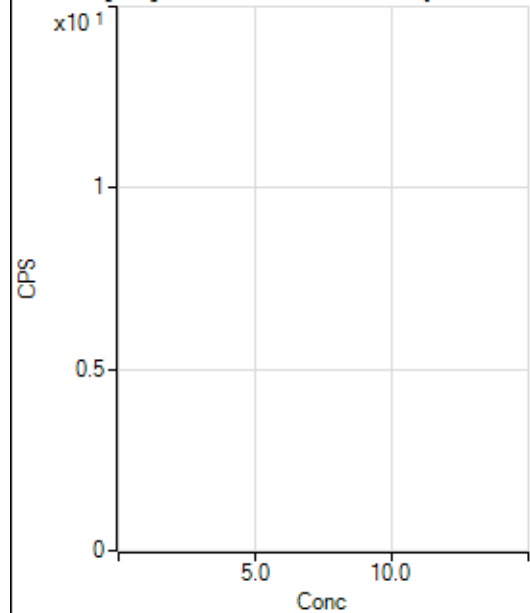
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.55		P	86.6
2	☐						
3	☐			5.55		P	86.6
4	☐			27.78		P	62.5
5	☐			22.22		P	142.
6	☐			77.78		P	22.3
7	☐			166.71		P	55.7
8	☐			225.01		P	6.4
9	☐			172.23		P	7.4

156 Dy [He] No available calibration points

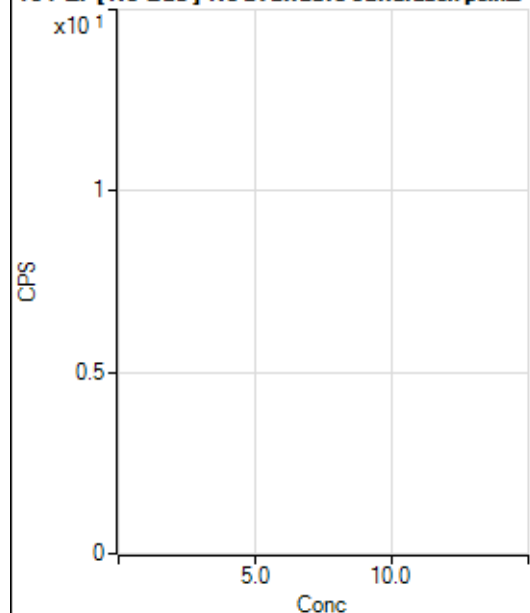
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.55		P	69.3
2	☐						
3	☐			5.56		P	34.7
4	☐			18.89		P	20.4
5	☐			41.11		P	26.1
6	☐			67.78		P	15.8
7	☐			137.78		P	12.2
8	☐			208.89		P	5.1
9	☐			83.34		P	12.0

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

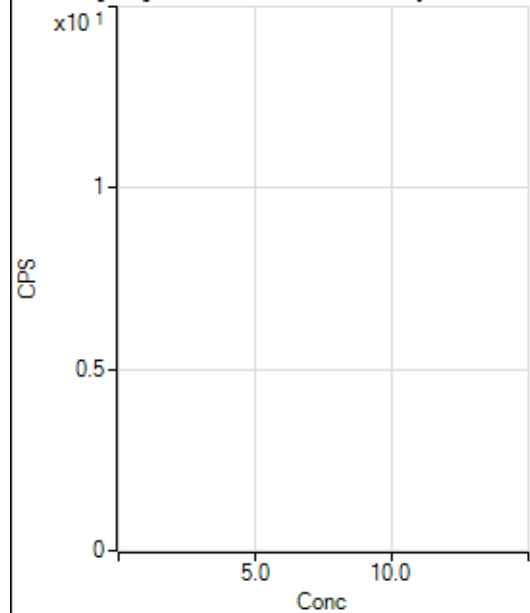
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			72.23		P	24.0
2	☐						
3	☐			119.45		P	35.8
4	☐			108.34		P	40.7
5	☐			100.00		P	30.0
6	☐			147.23		P	18.2
7	☐			155.56		P	43.0
8	☐			177.79		P	23.1
9	☐			208.34		P	10.6

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			245.56		P	9.2
2	☐						
3	☐			237.79		P	4.5
4	☐			244.45		P	18.0
5	☐			217.78		P	13.9
6	☐			233.34		P	5.1
7	☐			281.12		P	6.9
8	☐			265.56		P	9.5
9	☐			330.01		P	10.5

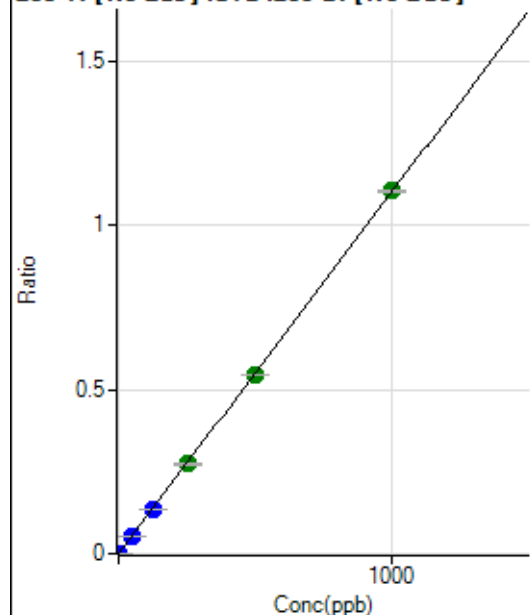
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			47.23		P	71.3
2	☐						
3	☐			86.11		P	53.3
4	☐			50.00		P	50.0
5	☐			75.00		P	29.4
6	☐			91.67		P	27.3
7	☐			100.01		P	25.0
8	☐			91.67		P	18.2
9	☐			52.78		P	39.7

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			26.67		P	25.0
2	☐						
3	☐			44.44		P	18.9
4	☐			28.89		P	29.0
5	☐			30.00		P	29.4
6	☐			27.78		P	54.1
7	☐			42.22		P	22.8
8	☐			47.78		P	21.3
9	☐			43.33		P	40.7

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	172.23	0.0000	P	14.9
2	☐	0.100					
3	☐	1.000	1.030	14044.08	0.0011	P	14.7
4	☐	50.000	49.895	725691.37	0.0549	P	1.1
5	☐	125.000	122.557	1770273.28	0.1349	P	0.5
6	☐	250.000	247.741	3496380.59	0.2726	A	0.7
7	☐	500.000	494.025	6891415.78	0.5436	A	0.4
8	☐	1000.000	1003.863	13564008.12	1.1045	A	0.6
9	☐			4898.33	0.0005	P	1.4

$$y = 0.0011 * x + 1.3136E-005$$

$$R = 1.0000$$

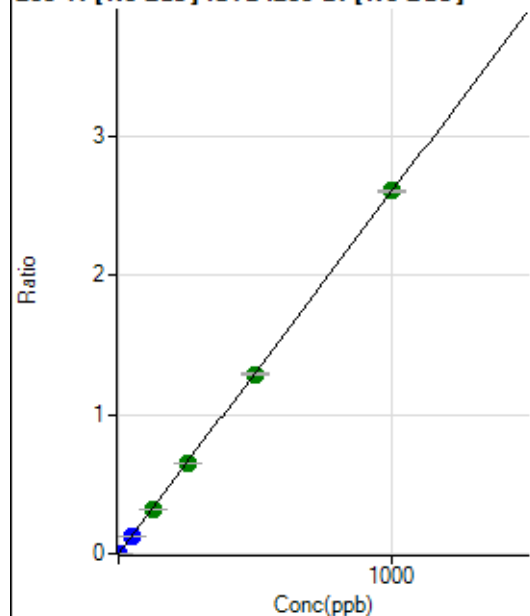
$$DL = 0.005327$$

$$BEC = 0.01194$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	383.35	0.0000	P	5.7
2	☐	0.100					
3	☐	1.000	1.034	33351.11	0.0027	P	10.8
4	☐	50.000	50.001	1716420.29	0.1299	P	1.1
5	☐	125.000	123.814	4221131.65	0.3216	A	0.9
6	☐	250.000	248.733	8285481.61	0.6460	A	0.3
7	☐	500.000	496.358	16342262.87	1.2891	A	0.3
8	☐	1000.000	1002.286	31964435.78	2.6029	A	0.3
9	☐			11822.40	0.0011	P	4.0

$$y = 0.0026 * x + 2.9234E-005$$

$$R = 1.0000$$

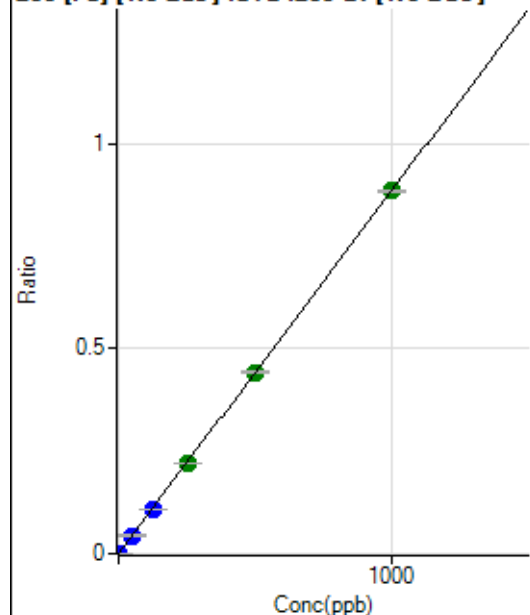
$$DL = 0.001911$$

$$BEC = 0.01126$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	448.17	0.0000	P	14.6
2	☐	0.100					
3	☐	1.000	1.060	11970.50	0.0010	P	8.4
4	☐	50.000	50.297	588947.62	0.0446	P	0.5
5	☐	125.000	123.550	1436158.21	0.1094	P	1.0
6	☐	250.000	249.108	2828958.60	0.2206	A	0.2
7	☐	500.000	500.565	5618327.15	0.4432	A	0.3
8	☐	1000.000	1000.107	10872736.70	0.8854	A	0.2
9	☐			16675.60	0.0016	P	1.4

$$y = 8.8526E-004 * x + 3.4175E-005$$

$$R = 1.0000$$

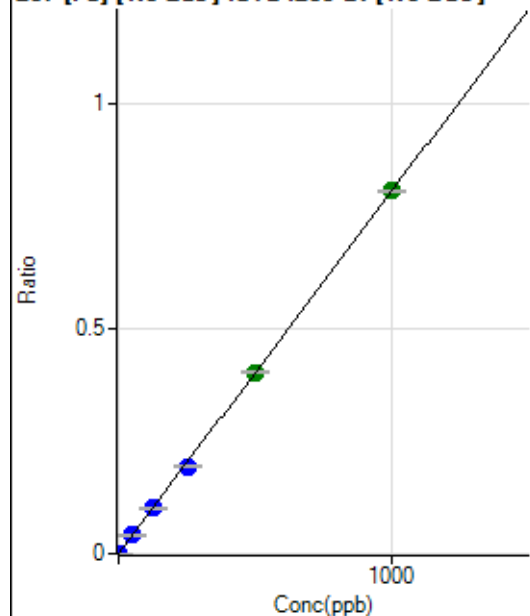
$$DL = 0.01691$$

$$BEC = 0.0386$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	337.05	0.0000	P	16.4
2	☐	0.100					
3	☐	1.000	1.066	10841.77	0.0009	P	10.9
4	☐	50.000	50.492	536817.35	0.0406	P	0.6
5	☐	125.000	124.770	1317049.87	0.1003	P	1.0
6	☐	250.000	241.477	2490377.11	0.1942	P	0.4
7	☐	500.000	501.123	5107882.35	0.4029	A	0.5
8	☐	1000.000	1001.573	9888488.07	0.8052	A	0.4
9	☐			13868.69	0.0013	P	1.9

$$y = 8.0395E-004 * x + 2.5708E-005$$

$$R = 1.0000$$

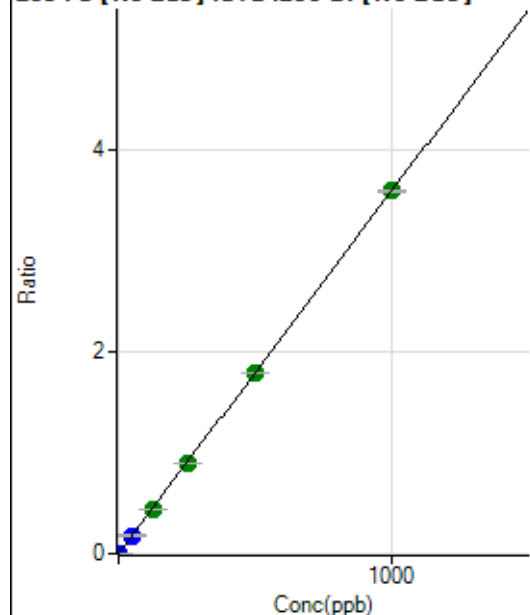
$$DL = 0.01577$$

$$BEC = 0.03198$$

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	1835.29	0.0001	P	6.4
2	☐	0.100					
3	☐	1.000	1.060	48558.05	0.0040	P	10.3
4	☐	50.000	50.321	2393577.89	0.1811	P	0.4
5	☐	125.000	124.113	5860854.27	0.4465	A	0.4
6	☐	250.000	247.510	11418554.71	0.8902	A	0.1
7	☐	500.000	499.609	22780122.26	1.7969	A	0.5
8	☐	1000.000	1000.913	44204775.06	3.5997	A	0.4
9	☐			65017.28	0.0062	P	0.3

$$y = 0.0036 * x + 1.3996E-004$$

$$R = 1.0000$$

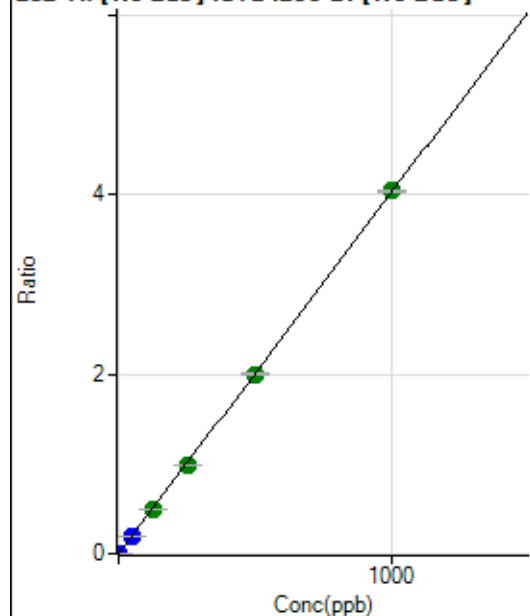
$$DL = 0.007423$$

$$BEC = 0.03892$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	296.31	0.0000	P	23.9
2	☐	0.100					
3	☐	1.000	1.016	50534.78	0.0041	P	10.8
4	☐	50.000	47.923	2550527.14	0.1930	P	0.9
5	☐	125.000	119.977	6341975.03	0.4831	A	0.2
6	☐	250.000	243.131	12557409.42	0.9790	A	0.1
7	☐	500.000	496.249	25333769.78	1.9983	A	0.7
8	☐	1000.000	1004.325	49663008.98	4.0441	A	0.5
9	☐			7615.39	0.0007	P	6.4

$$y = 0.0040 * x + 2.2603E-005$$

$$R = 1.0000$$

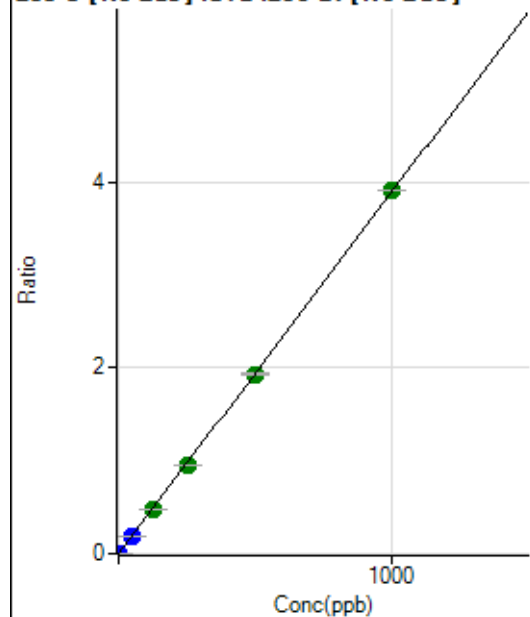
$$DL = 0.004026$$

$$BEC = 0.005613$$

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	58.33	0.0000	P	51.3
2	☐	0.100					
3	☐	1.000	1.044	49871.32	0.0041	P	11.5
4	☐	50.000	48.055	2467864.66	0.1867	P	0.9
5	☐	125.000	120.454	6144171.93	0.4681	A	0.3
6	☐	250.000	244.072	12164705.91	0.9484	A	0.5
7	☐	500.000	495.776	24423554.71	1.9265	A	1.0
8	☐	1000.000	1004.259	47921803.50	3.9024	A	0.1
9	☐			8372.54	0.0008	P	5.0

$$y = 0.0039 * x + 4.4450E-006$$

$$R = 1.0000$$

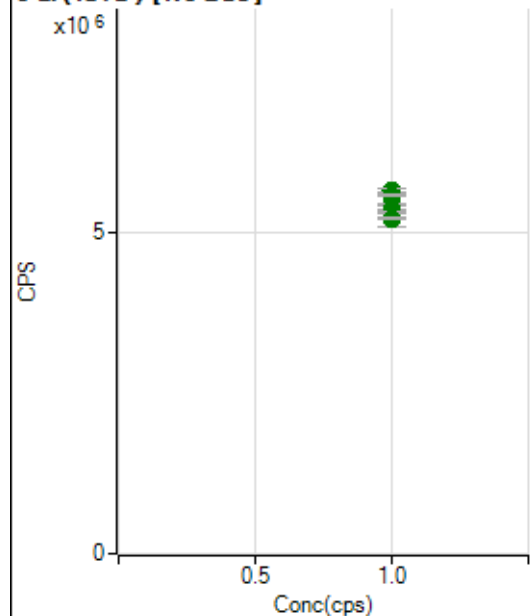
$$DL = 0.001759$$

$$BEC = 0.001144$$

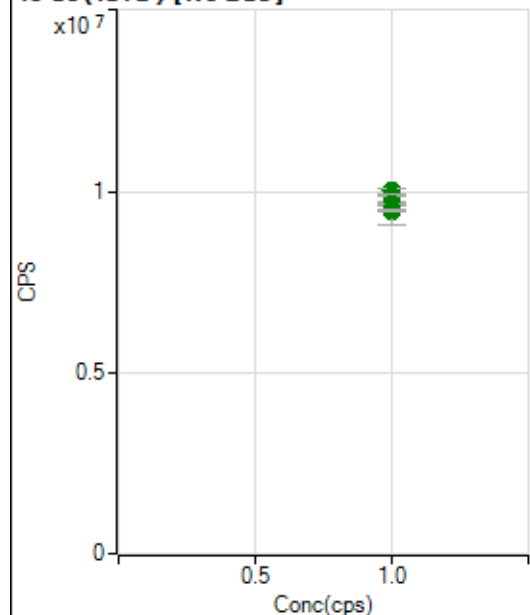
Weight: <None>

Min Conc: 0

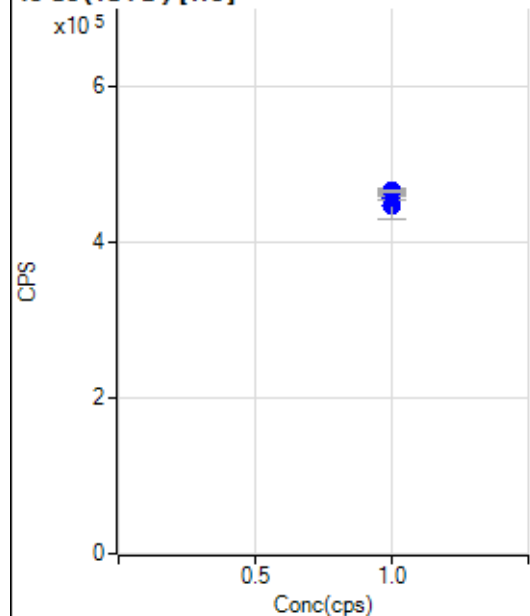
6 Li (ISTD) [No Gas]



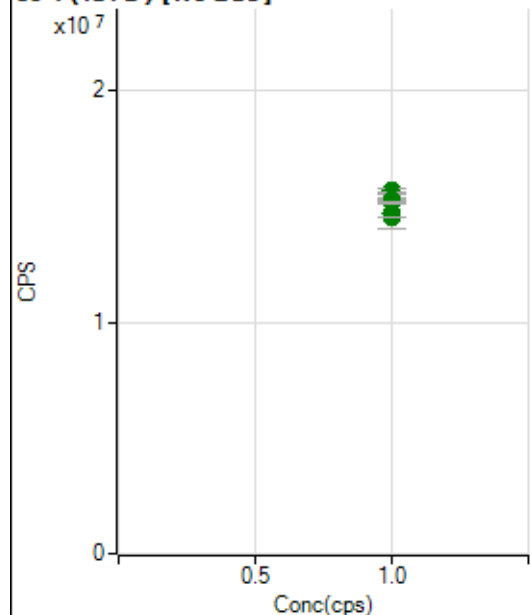
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5631768.18		A	0.2
2	☐	1.000					
3	☐	1.000		5340204.99		A	9.0
4	☐	1.000		5663188.18		A	1.2
5	☐	1.000		5593922.56		A	0.3
6	☐	1.000		5444709.29		A	0.7
7	☐	1.000		5374021.65		A	0.4
8	☐	1.000		5324194.85		A	0.2
9	☐	1.000		5231344.05		A	0.6

45 Sc (ISTD) [No Gas]

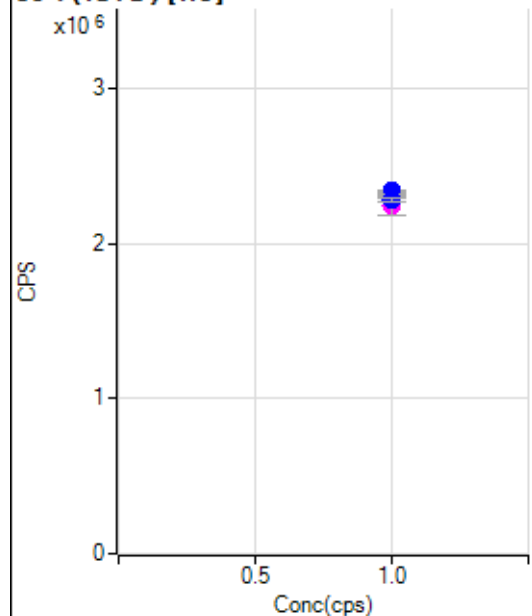
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9857642.32		A	0.3
2	☐	1.000					
3	☐	1.000		9469516.27		A	8.8
4	☐	1.000		10009704.30		A	1.5
5	☐	1.000		9871027.48		A	0.5
6	☐	1.000		9668130.17		A	0.5
7	☐	1.000		9592070.44		A	0.3
8	☐	1.000		9621312.02		A	0.4
9	☐	1.000		9488702.21		A	0.5

45 Sc (ISTD) [He]

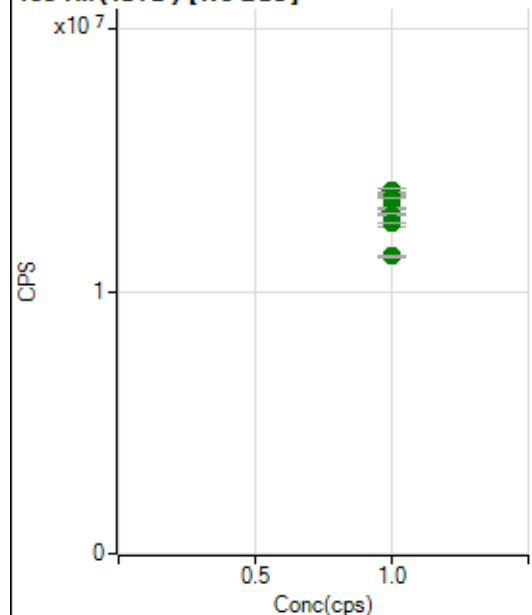
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		460367.15		P	0.4
2	☐	1.000					
3	☐	1.000		461034.34		P	3.1
4	☐	1.000		460754.38		P	0.6
5	☐	1.000		461111.89		P	0.8
6	☐	1.000		444894.28		P	7.3
7	☐	1.000		456171.70		P	0.8
8	☐	1.000		460167.45		P	0.4
9	☐	1.000		464930.03		P	0.8

89 Y (ISTD) [No Gas]

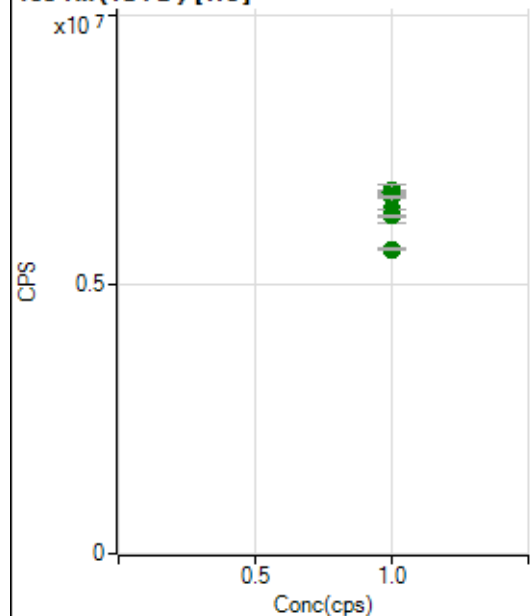
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		15562411.57		A	0.5
2	☐	1.000					
3	☐	1.000		14704521.59		A	9.4
4	☐	1.000		15668639.63		A	1.5
5	☐	1.000		15565212.55		A	0.2
6	☐	1.000		15295795.74		A	0.3
7	☐	1.000		15228466.44		A	0.6
8	☐	1.000		15160373.39		A	0.4
9	☐	1.000		14527522.70		A	0.1

89 Y (ISTD) [He]

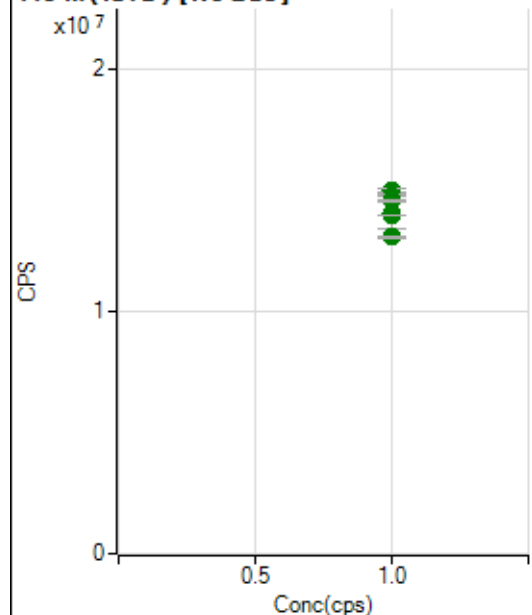
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2298360.48		P	0.5
2	☐	1.000					
3	☐	1.000		2303456.27		P	3.2
4	☐	1.000		2338413.58		P	0.8
5	☐	1.000		2341877.38		P	0.5
6	☐	1.000		2252643.91		M	5.5
7	☐	1.000		2316056.55		P	0.5
8	☐	1.000		2314272.22		P	0.7
9	☐	1.000		2282755.95		P	0.8

103 Rh (ISTD) [No Gas]

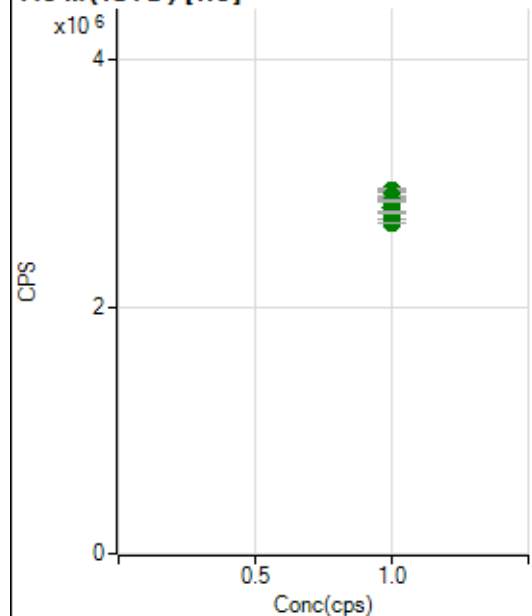
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		13641648.22		A	0.6
2	☐	1.000					
3	☐	1.000		13072006.89		A	9.5
4	☐	1.000		13835159.69		A	1.2
5	☐	1.000		13562872.87		A	0.4
6	☐	1.000		13180144.65		A	0.4
7	☐	1.000		12926661.92		A	0.4
8	☐	1.000		12601433.27		A	0.3
9	☐	1.000		11335269.26		A	0.2

103 Rh (ISTD) [He]

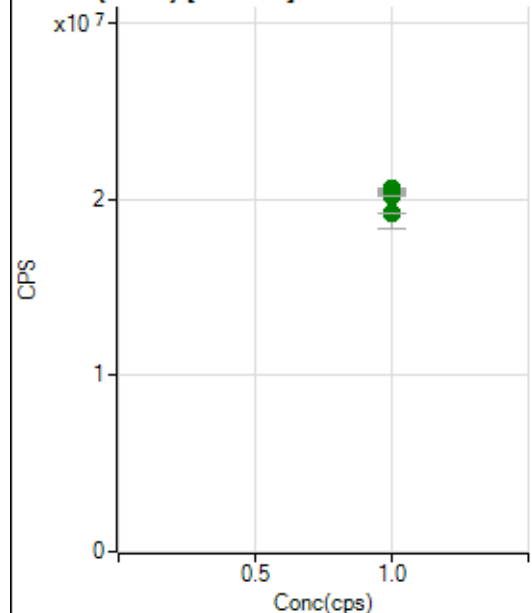
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6727192.82		A	0.2
2	☐	1.000					
3	☐	1.000		6714769.21		A	3.6
4	☐	1.000		6639566.71		A	0.6
5	☐	1.000		6638679.00		A	0.1
6	☐	1.000		6365826.78		A	6.8
7	☐	1.000		6390239.07		A	0.2
8	☐	1.000		6271120.53		A	0.6
9	☐	1.000		5645116.51		A	0.9

115 In (ISTD) [No Gas]

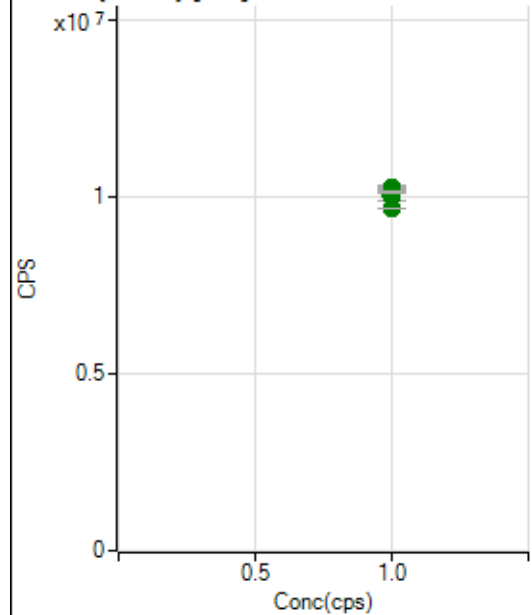
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		14861612.59		A	0.4
2	☐	1.000					
3	☐	1.000		14101048.18		A	9.1
4	☐	1.000		14989254.14		A	1.2
5	☐	1.000		14813702.50		A	0.8
6	☐	1.000		14598927.84		A	0.3
7	☐	1.000		14597625.40		A	0.7
8	☐	1.000		13978010.36		A	0.2
9	☐	1.000		13072133.62		A	0.1

115 In (ISTD) [He]

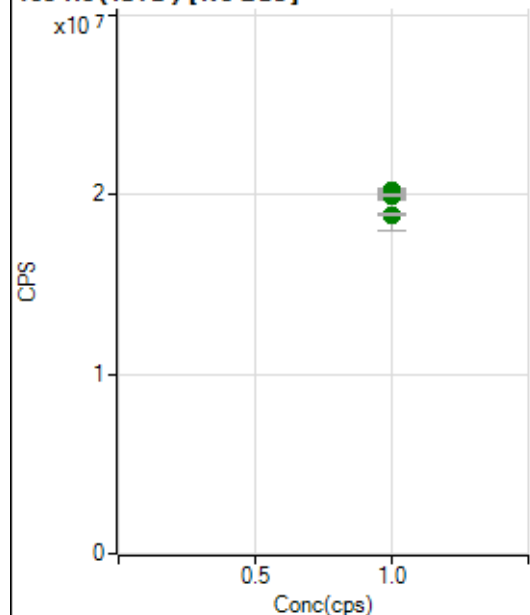
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2941460.66		A	0.5
2	☐	1.000					
3	☐	1.000		2905339.93		A	3.6
4	☐	1.000		2881106.86		A	0.6
5	☐	1.000		2893781.38		A	0.2
6	☐	1.000		2802916.69		A	6.9
7	☐	1.000		2860858.21		A	0.5
8	☐	1.000		2763015.16		A	0.8
9	☐	1.000		2686018.38		A	0.2

159 Tb (ISTD) [No Gas]

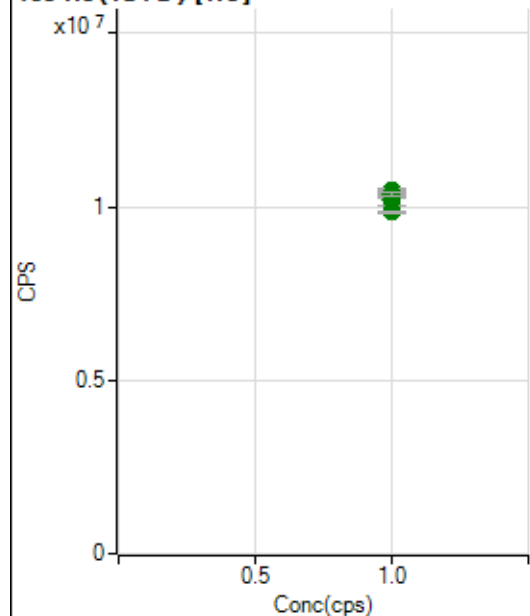
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		20366325.11		A	0.5
2	☐	1.000					
3	☐	1.000		19278714.71		A	9.1
4	☐	1.000		20560255.39		A	1.3
5	☐	1.000		20615382.19		A	0.4
6	☐	1.000		20382810.95		A	0.1
7	☐	1.000		20396312.89		A	0.2
8	☐	1.000		20225292.48		A	0.2
9	☐	1.000		19236048.60		A	0.1

159 Tb (ISTD) [He]

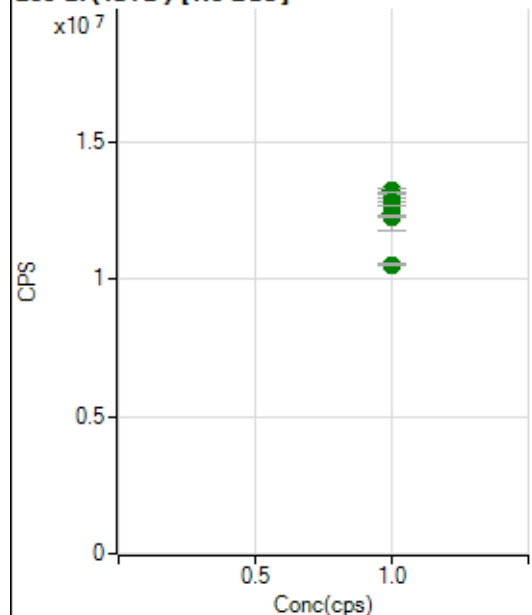
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10126470.89		A	0.2
2	☐	1.000					
3	☐	1.000		10075808.18		A	3.4
4	☐	1.000		10147624.57		A	0.5
5	☐	1.000		10270186.24		A	0.2
6	☐	1.000		10029972.98		A	6.6
7	☐	1.000		10211366.58		A	0.3
8	☐	1.000		10159336.17		A	0.6
9	☐	1.000		9700307.84		A	0.3

165 Ho (ISTD) [No Gas]

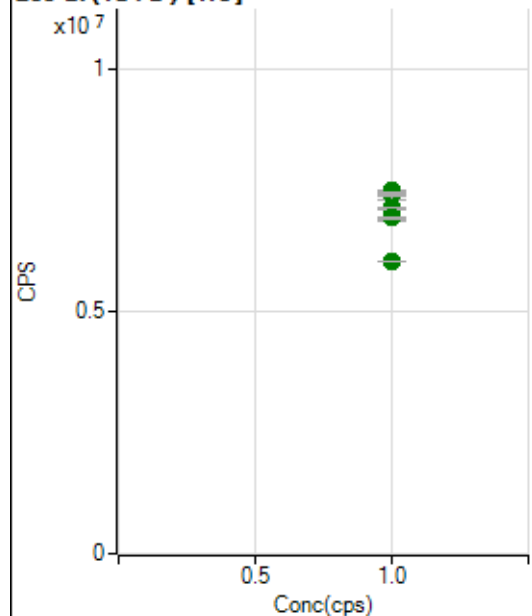
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		19916719.54		A	0.1
2	☐	1.000					
3	☐	1.000		18851803.89		A	9.0
4	☐	1.000		20229929.27		A	1.1
5	☐	1.000		20207793.51		A	0.3
6	☐	1.000		20066099.75		A	0.2
7	☐	1.000		19945792.11		A	0.8
8	☐	1.000		19984705.48		A	0.5
9	☐	1.000		18922570.04		A	0.5

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10275345.75		A	0.2
2	☐	1.000					
3	☐	1.000		10234272.41		A	3.5
4	☐	1.000		10293539.08		A	1.1
5	☐	1.000		10454821.58		A	0.4
6	☐	1.000		10175889.92		A	7.1
7	☐	1.000		10366813.18		A	0.2
8	☐	1.000		10365236.58		A	0.7
9	☐	1.000		9849213.12		A	0.3

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		13113000.64		A	0.3
2	☐	1.000					
3	☐	1.000		12369780.51		A	9.5
4	☐	1.000		13216938.97		A	1.6
5	☐	1.000		13126765.77		A	0.2
6	☐	1.000		12826267.73		A	0.2
7	☐	1.000		12677811.20		A	0.3
8	☐	1.000		12280210.09		A	0.3
9	☐	1.000		10524010.33		A	0.6

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7497203.85		A	0.1
2	☐	1.000					
3	☐	1.000		7403068.36		A	2.9
4	☐	1.000		7418037.46		A	0.9
5	☐	1.000		7453558.57		A	0.5
6	☐	1.000		7135790.66		A	6.9
7	☐	1.000		7135425.52		A	0.3
8	☐	1.000		6944458.02		A	0.7
9	☐	1.000		6031405.19		A	0.4

US EPA Tune Check Sample Report

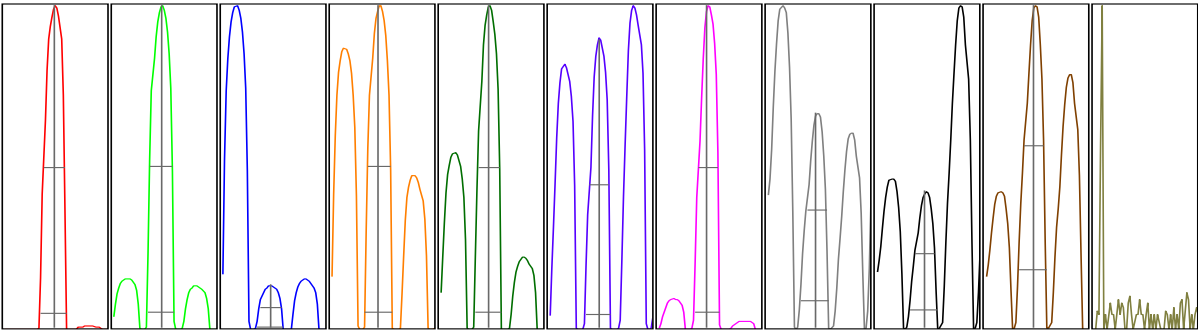
Batch Folder D:\ICP-MS Data\P7091418 MS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	18312	0.61	5.00	
24	785572	0.65	5.00	
25	104977	0.67	5.00	
26	123265	0.69	5.00	
59	134002	0.82	5.00	
113	18098	0.98	5.00	
115	213471	0.70	5.00	
206	60527	0.65	5.00	
207	57972	0.55	5.00	
208	129311	0.73	5.00	
220	0	22.02		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	18376	18363	18414	18274	18134
24	791344	787401	788032	782886	778197
25	105569	105546	105182	104713	103874
26	123878	123980	123693	122747	122029
59	135066	135035	134042	133325	132540
113	18328	18178	18127	17992	17866
115	214479	214232	213785	214030	210828
206	60572	60820	60796	60591	59859
207	58223	58163	57956	58091	57426
208	129257	129649	130062	129871	127714
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	31032	9.00	8.9 - 9.1		0.778	0.900	
24	1274980	23.95	23.9 - 24.1		0.787	0.900	
25	171859	24.95	24.9 - 25.1		0.783	0.900	
26	198537	25.90	25.9 - 26.1		0.787	0.900	
59	223920	58.95	58.9 - 59.1		0.784	0.900	
113	32464	113.00	112.9 - 113.1		0.738	0.900	
115	386583	114.95	114.9 - 115.1		0.740	0.900	
206	103232	205.95	205.9 - 206.1		0.813	0.900	
207	94020	206.95	206.9 - 207.1		0.802	0.900	
208	221436	207.95	207.9 - 208.1		0.796	0.900	
220			-				

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

Tune Parameters

Plasma Paramters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
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	6.9	V	Deflect	14.0	V
Extract 2	-130.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-65	V	Cell Exit	-50	V			

Cell Parameters

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

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	35199	1.21	
89	64505	1.62	
205	52881	0.83	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	35112	34493	35375	35528	35485
89	64559	62709	64796	65282	65177
205	52466	52401	53039	53429	53070

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	7.2	V	Deflect	1.8	V
Extract 2	-135.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-70	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 :	LB97934	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 14:34:40	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.04	0.02	0.02	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.00	-0.01	0.01	0.00	N/A	ppb
Barium	135-1	0.00	0.00	0.00	0.00	N/A	ppb
Barium	137-1	0.01	0.00	-0.01	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	-0.20	0.18	0.02	0.00	N/A	ppb
Boron	11-1	-0.01	0.02	-0.01	0.00	N/A	ppb
Cadmium	111-1	0.04	-0.05	0.00	0.00	N/A	ppb
Cadmium	106-1	0.77	-0.83	0.06	0.00	N/A	ppb
Cadmium	108-1	-0.02	0.04	-0.02	0.00	N/A	ppb
Calcium	43-1	0.70	0.34	-1.04	0.00	N/A	ppb
Calcium	44-1	-0.06	0.02	0.05	0.00	N/A	ppb
Chromium	52-2	0.01	-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	0.00	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	0.05	-0.04	-0.01	0.00	N/A	ppb
Iron	57-2	-0.07	-0.13	0.19	0.00	N/A	ppb
Lead	206-1	-0.01	0.00	0.00	0.00	N/A	ppb
Lead	207-1	0.00	0.01	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.05	0.15	-0.10	0.00	N/A	ppb
Manganese	55-2	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 14:34:40	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.02	-0.03	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	-0.01	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.00	-0.01	0.00	N/A	ppb
Phosphorus	31-2	-3.81	-8.99	4.41	-2.80		ppb
Potassium	39-2	-0.20	0.80	-0.60	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	-0.34	0.10	0.24	0.00	N/A	ppb
Selenium	82-1	0.18	0.15	-0.32	0.00	N/A	ppb
Silicon	28-1	-0.31	0.26	0.06	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	-0.43	-0.24	0.67	0.00	N/A	ppb
Strontium	86-1	0.00	0.00	0.00	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-67.88	-41.16	-115.94	-75.00		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.00	0.02	-0.01	0.00	N/A	ppb
Titanium	47-1	-0.01	0.02	-0.01	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.01	-0.01	0.00	0.00	N/A	ppb

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 14:34:40	DataFile Name :	003CALB.d

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

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 14:43:14	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.28	21.23	20.22	20.91	2.86	ppb
Antimony	121-1	1.95	2.32	2.06	2.11	8.99	ppb
Arsenic	75-2	1.04	1.06	1.10	1.07	3.07	ppb
Barium	135-1	10.11	11.73	10.06	10.63	8.91	ppb
Barium	137-1	10.11	11.81	9.90	10.60	9.86	ppb
Beryllium	9-1	0.96	1.21	0.98	1.05	13.67	ppb
Bismuth	209-1				94		%
Bismuth	209-2				99		%
Boron	10-1	21.76	27.07	23.96	24.26	11.00	ppb
Boron	11-1	23.07	28.82	23.86	25.25	12.36	ppb
Cadmium	111-1	1.05	1.19	0.99	1.08	9.57	ppb
Cadmium	106-1	1.95	0.54	-0.35	0.71	162.85	ppb
Cadmium	108-1	1.27	1.22	0.71	1.06	29.24	ppb
Calcium	43-1	469.53	585.20	481.55	512.09	12.42	ppb
Calcium	44-1	463.99	545.14	469.44	492.86	9.20	ppb
Chromium	52-2	2.23	2.17	2.28	2.22	2.46	ppb
Cobalt	59-2	1.07	1.03	1.13	1.07	4.68	ppb
Copper	63-2	2.22	2.13	2.28	2.21	3.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				100		%
Indium	115-1				95		%
Indium	115-2				99		%
Iron	56-2	54.52	53.79	57.95	55.42	4.01	ppb
Iron	57-2	54.31	53.63	60.21	56.05	6.46	ppb
Lead	206-1	1.00	1.17	1.01	1.06	8.73	ppb
Lead	207-1	0.99	1.20	1.00	1.07	11.27	ppb
Lead	208-1	0.99	1.19	1.00	1.06	10.73	ppb
Lithium	6-1				95		%
Magnesium	24-2	511.47	509.40	548.63	523.17	4.22	ppb
Manganese	55-2	1.02	1.12	1.12	1.09	5.16	ppb

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 14:43:14	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	5.14	5.69	5.03	5.29	6.64	ppb
Molybdenum	95-1	5.09	5.94	5.09	5.38	9.18	ppb
Molybdenum	96-1	4.84	6.03	5.08	5.32	11.87	ppb
Molybdenum	97-1	4.93	5.86	5.05	5.28	9.52	ppb
Molybdenum	98-1	4.95	5.97	4.99	5.30	10.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.18	1.08	1.27	1.18	7.91	ppb
Phosphorus	31-2	-1.05	3.96	5.48	2.80	122.06	ppb
Potassium	39-2	480.40	474.48	513.29	489.39	4.27	ppb
Rhodium	103-1				96		%
Rhodium	103-2				100		%
Scandium	45-1				96		%
Scandium	45-2				100		%
Selenium	77-2	5.71	6.25	3.79	5.25	24.63	ppb
Selenium	78-2	5.22	5.99	5.31	5.51	7.61	ppb
Selenium	82-1	5.32	5.55	5.23	5.37	3.06	ppb
Silicon	28-1	14.40	23.15	15.40	17.65	27.14	ppb
Silver	109-1	1.02	1.24	1.07	1.11	10.37	ppb
Silver	107-1	1.06	1.22	1.03	1.10	9.00	ppb
Sodium	23-2	490.28	494.82	521.36	502.15	3.34	ppb
Strontium	86-1	0.96	1.32	1.04	1.11	17.07	ppb
Strontium	88-1	0.98	1.20	1.06	1.08	10.39	ppb
Sulfur	34-1	-171.94	490.50	-93.57	75.00	482.64	ppb
Terbium	159-1				95		%
Terbium	159-2				99		%
Thallium	203-1	0.92	1.20	0.97	1.03	14.87	ppb
Thallium	205-1	0.95	1.16	0.99	1.03	10.91	ppb
Thorium	232-1	0.95	1.14	0.95	1.02	10.82	ppb
Tin	118-1	5.06	5.85	5.05	5.32	8.67	ppb
Titanium	47-1	4.91	5.99	5.18	5.36	10.42	ppb
Uranium	238-1	0.96	1.18	0.99	1.04	11.52	ppb
Vanadium	51-2	4.90	5.03	5.25	5.06	3.50	ppb
Yttrium	89-1				94		%
Yttrium	89-2				100		%
Zinc	66-2	2.18	2.41	2.17	2.25	6.17	ppb

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 14:43:14	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.03	1.19	1.03	1.08	8.64	ppb
Zirconium	91-1	0.95	1.20	1.03	1.06	12.07	ppb

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 14:47:08	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1016.53	986.21	923.43	975.39	4.87	ppb
Antimony	121-1	52.86	52.63	52.70	52.73	0.23	ppb
Arsenic	75-2	53.78	51.78	48.69	51.42	4.98	ppb
Barium	135-1	259.28	260.06	260.94	260.09	0.32	ppb
Barium	137-1	257.94	259.78	259.34	259.02	0.37	ppb
Beryllium	9-1	53.35	53.29	53.14	53.26	0.20	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Boron	10-1	48.86	52.02	52.53	51.14	3.89	ppb
Boron	11-1	50.14	51.35	51.72	51.07	1.61	ppb
Cadmium	111-1	55.54	56.47	56.54	56.18	0.99	ppb
Cadmium	106-1	55.44	55.82	54.25	55.17	1.49	ppb
Cadmium	108-1	55.86	55.35	55.91	55.71	0.56	ppb
Calcium	43-1	5097.10	5004.77	5089.30	5063.72	1.01	ppb
Calcium	44-1	4934.72	4954.52	4944.89	4944.71	0.20	ppb
Chromium	52-2	51.99	49.83	46.88	49.57	5.18	ppb
Cobalt	59-2	54.12	51.93	49.50	51.85	4.46	ppb
Copper	63-2	110.87	106.36	100.58	105.94	4.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	56-2	2727.13	2621.23	2441.90	2596.75	5.55	ppb
Iron	57-2	2734.90	2632.84	2477.35	2615.03	4.96	ppb
Lead	206-1	50.23	50.57	50.09	50.30	0.50	ppb
Lead	207-1	50.15	50.63	50.70	50.49	0.60	ppb
Lead	208-1	50.11	50.42	50.43	50.32	0.37	ppb
Lithium	6-1				101		%
Magnesium	24-2	5240.54	5047.85	4831.00	5039.80	4.07	ppb
Manganese	55-2	105.05	101.28	96.13	100.82	4.44	ppb

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 14:47:08	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	252.54	252.58	255.34	253.48	0.63	ppb
Molybdenum	95-1	254.24	255.16	257.94	255.78	0.75	ppb
Molybdenum	96-1	251.74	252.40	254.48	252.88	0.57	ppb
Molybdenum	97-1	253.11	254.41	255.07	254.20	0.39	ppb
Molybdenum	98-1	249.37	252.21	250.75	250.77	0.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	56.35	53.94	51.39	53.89	4.60	ppb
Phosphorus	31-2	1017.32	978.17	1013.96	1003.15	2.16	ppb
Potassium	39-2	2484.70	2436.30	2380.74	2433.91	2.14	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	77-2	53.52	53.87	51.27	52.89	2.66	ppb
Selenium	78-2	54.69	53.80	48.20	52.23	6.74	ppb
Selenium	82-1	54.55	52.94	55.88	54.46	2.70	ppb
Silicon	28-1	48.68	50.28	50.41	49.79	1.93	ppb
Silver	109-1	54.92	55.00	54.85	54.93	0.13	ppb
Silver	107-1	54.99	54.48	55.12	54.86	0.61	ppb
Sodium	23-2	5105.40	4976.59	4829.60	4970.53	2.78	ppb
Strontium	86-1	50.81	51.77	51.56	51.38	0.99	ppb
Strontium	88-1	50.36	50.98	51.19	50.85	0.85	ppb
Sulfur	34-1	810.41	792.85	894.16	832.48	6.50	ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	49.27	50.23	50.19	49.90	1.09	ppb
Thallium	205-1	49.37	50.31	50.32	50.00	1.09	ppb
Thorium	232-1	47.43	48.04	48.29	47.92	0.93	ppb
Tin	118-1	51.63	51.96	51.64	51.75	0.37	ppb
Titanium	47-1	251.92	253.79	254.74	253.48	0.57	ppb
Uranium	238-1	47.65	47.99	48.52	48.05	0.92	ppb
Vanadium	51-2	51.46	50.03	46.97	49.49	4.64	ppb
Yttrium	89-1				101		%
Yttrium	89-2				102		%
Zinc	66-2	115.70	109.83	105.13	110.22	4.81	ppb

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 14:47:08	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	49.81	50.29	50.45	50.18	0.66	ppb
Zirconium	91-1	50.98	51.69	52.14	51.60	1.13	ppb

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 14:51:41	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2514.88	2530.49	2515.36	2520.24	0.35	ppb
Antimony	121-1	127.49	128.21	127.38	127.69	0.35	ppb
Arsenic	75-2	131.17	132.04	130.56	131.26	0.57	ppb
Barium	135-1	631.84	631.06	628.06	630.32	0.32	ppb
Barium	137-1	634.15	636.54	629.31	633.33	0.58	ppb
Beryllium	9-1	131.48	130.87	132.35	131.57	0.57	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Boron	10-1	122.82	124.93	128.02	125.25	2.09	ppb
Boron	11-1	122.53	124.27	125.33	124.04	1.14	ppb
Cadmium	111-1	136.24	138.42	136.24	136.97	0.92	ppb
Cadmium	106-1	130.66	132.41	130.54	131.21	0.80	ppb
Cadmium	108-1	135.12	136.88	137.27	136.42	0.84	ppb
Calcium	43-1	12576.70	12642.30	12596.10	12605.03	0.27	ppb
Calcium	44-1	12400.78	12371.96	12343.59	12372.11	0.23	ppb
Chromium	52-2	128.74	129.24	128.99	128.99	0.20	ppb
Cobalt	59-2	131.25	131.76	133.10	132.04	0.72	ppb
Copper	63-2	268.37	269.78	271.25	269.80	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				101		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	6747.10	6785.44	6785.07	6772.54	0.33	ppb
Iron	57-2	6726.72	6773.81	6855.67	6785.40	0.96	ppb
Lead	206-1	122.44	124.90	123.31	123.55	1.01	ppb
Lead	207-1	123.53	125.98	124.80	124.77	0.98	ppb
Lead	208-1	123.70	124.71	123.93	124.11	0.42	ppb
Lithium	6-1				99		%
Magnesium	24-2	12903.49	12948.68	12926.33	12926.17	0.17	ppb
Manganese	55-2	258.63	259.53	259.21	259.13	0.18	ppb

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 14:51:41	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	625.77	626.81	626.20	626.26	0.08	ppb
Molybdenum	95-1	629.84	629.41	630.80	630.02	0.11	ppb
Molybdenum	96-1	626.76	629.34	625.93	627.35	0.28	ppb
Molybdenum	97-1	624.86	629.53	625.65	626.68	0.40	ppb
Molybdenum	98-1	629.86	628.39	625.89	628.05	0.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	137.78	136.86	137.57	137.40	0.35	ppb
Phosphorus	31-2	2559.08	2689.47	2592.91	2613.82	2.59	ppb
Potassium	39-2	6086.61	6122.69	6101.77	6103.69	0.30	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	120.70	135.10	126.39	127.40	5.70	ppb
Selenium	78-2	138.17	131.50	132.16	133.94	2.75	ppb
Selenium	82-1	133.56	135.59	134.27	134.47	0.77	ppb
Silicon	28-1	126.55	127.63	128.28	127.49	0.68	ppb
Silver	109-1	131.75	132.74	132.83	132.44	0.45	ppb
Silver	107-1	131.21	132.23	132.02	131.82	0.41	ppb
Sodium	23-2	12601.01	12686.23	12659.81	12649.02	0.34	ppb
Strontium	86-1	128.01	128.80	128.24	128.35	0.32	ppb
Strontium	88-1	125.99	125.87	125.02	125.63	0.42	ppb
Sulfur	34-1	2277.62	2307.46	2314.51	2299.86	0.85	ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	121.95	122.52	123.20	122.56	0.51	ppb
Thallium	205-1	123.22	125.09	123.13	123.81	0.90	ppb
Thorium	232-1	119.81	120.30	119.82	119.98	0.24	ppb
Tin	118-1	125.75	127.57	125.71	126.35	0.84	ppb
Titanium	47-1	625.75	632.46	629.26	629.16	0.53	ppb
Uranium	238-1	120.80	120.43	120.13	120.45	0.28	ppb
Vanadium	51-2	127.95	127.92	128.51	128.13	0.26	ppb
Yttrium	89-1				100		%
Yttrium	89-2				102		%
Zinc	66-2	283.12	282.09	284.86	283.36	0.49	ppb

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 14:51:41	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	125.26	125.56	124.73	125.19	0.34	ppb
Zirconium	91-1	125.11	126.02	127.62	126.25	1.00	ppb

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 14:55:28	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4697.15	5517.36	5038.03	5084.18	8.10	ppb
Antimony	121-1	255.96	256.01	255.59	255.85	0.09	ppb
Arsenic	75-2	254.82	284.43	260.76	266.67	5.88	ppb
Barium	135-1	1268.07	1264.54	1263.78	1265.46	0.18	ppb
Barium	137-1	1269.72	1268.31	1257.31	1265.12	0.54	ppb
Beryllium	9-1	261.13	263.38	261.27	261.92	0.48	ppb
Bismuth	209-1				98		%
Bismuth	209-2				95		%
Boron	10-1	242.35	252.19	256.35	250.30	2.87	ppb
Boron	11-1	243.77	251.92	251.95	249.21	1.89	ppb
Cadmium	111-1	267.10	265.48	267.68	266.75	0.43	ppb
Cadmium	106-1	259.16	263.65	267.09	263.30	1.51	ppb
Cadmium	108-1	263.98	258.98	264.77	262.58	1.20	ppb
Calcium	43-1	24734.48	24796.90	24891.45	24807.61	0.32	ppb
Calcium	44-1	24613.13	24582.04	24519.70	24571.62	0.19	ppb
Chromium	52-2	242.60	282.59	256.07	260.42	7.81	ppb
Cobalt	59-2	246.12	286.85	260.97	264.65	7.79	ppb
Copper	63-2	497.36	578.47	525.04	533.62	7.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				99		%
Indium	115-1				98		%
Indium	115-2				95		%
Iron	56-2	12880.96	14939.36	13505.77	13775.37	7.66	ppb
Iron	57-2	12735.44	14793.79	13428.87	13652.70	7.67	ppb
Lead	206-1	249.00	249.72	248.60	249.11	0.23	ppb
Lead	207-1	240.71	241.11	242.61	241.48	0.42	ppb
Lead	208-1	247.85	247.33	247.35	247.51	0.12	ppb
Lithium	6-1				97		%
Magnesium	24-2	24274.69	28490.92	25823.75	26196.45	8.14	ppb
Manganese	55-2	487.99	568.15	515.46	523.87	7.78	ppb

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 14:55:28	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1249.66	1258.56	1237.83	1248.68	0.83	ppb
Molybdenum	95-1	1257.05	1266.11	1251.75	1258.31	0.58	ppb
Molybdenum	96-1	1255.41	1266.14	1250.20	1257.25	0.65	ppb
Molybdenum	97-1	1255.43	1261.63	1250.81	1255.96	0.43	ppb
Molybdenum	98-1	1254.74	1268.61	1249.72	1257.69	0.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	255.68	299.74	268.72	274.72	8.24	ppb
Phosphorus	31-2	4950.24	5709.74	5109.49	5256.49	7.62	ppb
Potassium	39-2	11564.72	13421.87	12265.74	12417.45	7.55	ppb
Rhodium	103-1				97		%
Rhodium	103-2				95		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	77-2	263.58	309.04	262.54	278.38	9.54	ppb
Selenium	78-2	258.28	286.16	269.88	271.44	5.16	ppb
Selenium	82-1	268.46	267.63	266.36	267.48	0.40	ppb
Silicon	28-1	244.77	246.65	246.52	245.98	0.43	ppb
Silver	109-1	262.84	262.08	262.96	262.63	0.18	ppb
Silver	107-1	262.00	262.83	261.23	262.02	0.31	ppb
Sodium	23-2	23857.91	27913.02	25276.01	25682.31	8.01	ppb
Strontium	86-1	253.23	253.96	253.22	253.47	0.17	ppb
Strontium	88-1	252.20	251.01	252.24	251.82	0.28	ppb
Sulfur	34-1	4967.17	5008.66	4931.05	4968.96	0.78	ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	249.84	246.97	246.41	247.74	0.74	ppb
Thallium	205-1	249.42	248.07	248.71	248.73	0.27	ppb
Thorium	232-1	243.14	243.40	242.86	243.13	0.11	ppb
Tin	118-1	254.67	256.18	253.41	254.75	0.54	ppb
Titanium	47-1	1258.31	1244.40	1256.61	1253.11	0.61	ppb
Uranium	238-1	245.12	242.62	244.48	244.07	0.53	ppb
Vanadium	51-2	239.87	281.63	254.67	258.72	8.19	ppb
Yttrium	89-1				98		%
Yttrium	89-2				98		%
Zinc	66-2	519.85	614.31	550.21	561.45	8.59	ppb

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 14:55:28	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	250.90	251.48	249.64	250.67	0.38	ppb
Zirconium	91-1	250.04	251.88	249.68	250.53	0.47	ppb

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 14:59:13	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9844.17	9896.49	9746.68	9829.12	0.77	ppb
Antimony	121-1	504.35	502.27	505.00	503.87	0.28	ppb
Arsenic	75-2	512.35	513.85	512.50	512.90	0.16	ppb
Barium	135-1	2501.61	2499.70	2508.96	2503.42	0.20	ppb
Barium	137-1	2497.47	2503.69	2503.33	2501.50	0.14	ppb
Beryllium	9-1	509.68	507.85	514.43	510.65	0.67	ppb
Bismuth	209-1				97		%
Bismuth	209-2				95		%
Boron	10-1	497.42	501.51	514.16	504.36	1.73	ppb
Boron	11-1	494.25	498.52	508.74	500.51	1.49	ppb
Cadmium	111-1	508.46	513.86	517.70	513.34	0.90	ppb
Cadmium	106-1	516.38	512.87	522.45	517.24	0.94	ppb
Cadmium	108-1	511.11	514.53	520.15	515.26	0.89	ppb
Calcium	43-1	49222.86	49450.25	49483.55	49385.56	0.29	ppb
Calcium	44-1	49211.49	49374.65	49124.70	49236.95	0.26	ppb
Chromium	52-2	500.22	503.48	496.78	500.16	0.67	ppb
Cobalt	59-2	506.25	509.76	500.20	505.40	0.96	ppb
Copper	63-2	1026.34	1024.34	1013.07	1021.25	0.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				101		%
Indium	115-1				98		%
Indium	115-2				97		%
Iron	56-2	26574.90	26412.43	26134.47	26373.93	0.84	ppb
Iron	57-2	26271.80	26285.91	25887.90	26148.54	0.86	ppb
Lead	206-1	501.78	501.15	498.77	500.56	0.32	ppb
Lead	207-1	503.09	502.14	498.14	501.12	0.52	ppb
Lead	208-1	501.40	500.69	496.74	499.61	0.50	ppb
Lithium	6-1				95		%
Magnesium	24-2	50834.64	50703.94	50195.96	50578.18	0.67	ppb
Manganese	55-2	997.43	999.80	988.82	995.35	0.58	ppb

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 14:59:13	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2494.50	2530.82	2492.51	2505.94	0.86	ppb
Molybdenum	95-1	2508.10	2526.18	2495.40	2509.89	0.62	ppb
Molybdenum	96-1	2511.74	2526.91	2487.34	2508.66	0.80	ppb
Molybdenum	97-1	2514.12	2521.24	2488.52	2507.96	0.69	ppb
Molybdenum	98-1	2510.76	2520.80	2492.17	2507.91	0.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	520.60	524.23	516.24	520.36	0.77	ppb
Phosphorus	31-2	10291.33	10133.31	10269.71	10231.45	0.84	ppb
Potassium	39-2	24274.00	24211.54	23967.72	24151.09	0.67	ppb
Rhodium	103-1				95		%
Rhodium	103-2				95		%
Scandium	45-1				97		%
Scandium	45-2				99		%
Selenium	77-2	526.47	535.62	524.76	528.95	1.10	ppb
Selenium	78-2	514.41	518.28	515.23	515.98	0.40	ppb
Selenium	82-1	515.88	519.25	519.11	518.08	0.37	ppb
Silicon	28-1	489.10	496.07	494.52	493.23	0.74	ppb
Silver	109-1	509.43	509.43	512.97	510.61	0.40	ppb
Silver	107-1	511.00	506.41	514.15	510.52	0.76	ppb
Sodium	23-2	50263.23	50266.36	49494.06	50007.88	0.89	ppb
Strontium	86-1	497.09	498.39	498.83	498.10	0.18	ppb
Strontium	88-1	501.08	503.02	499.81	501.30	0.32	ppb
Sulfur	34-1	10084.09	10131.03	10084.21	10099.78	0.27	ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	492.62	496.01	493.44	494.03	0.36	ppb
Thallium	205-1	497.92	495.67	495.48	496.36	0.27	ppb
Thorium	232-1	496.66	492.78	499.31	496.25	0.66	ppb
Tin	118-1	501.17	502.05	504.52	502.58	0.34	ppb
Titanium	47-1	2521.82	2520.34	2502.37	2514.84	0.43	ppb
Uranium	238-1	500.65	490.94	495.74	495.78	0.98	ppb
Vanadium	51-2	502.86	501.93	497.60	500.80	0.56	ppb
Yttrium	89-1				98		%
Yttrium	89-2				101		%
Zinc	66-2	1057.05	1070.04	1060.70	1062.59	0.63	ppb

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 14:59:13	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	503.13	503.08	500.87	502.36	0.26	ppb
Zirconium	91-1	492.07	496.43	500.36	496.29	0.84	ppb

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 15:02:59	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19267.13	19386.78	19296.58	19316.83	0.32	ppb
Antimony	121-1	997.63	996.56	994.19	996.13	0.18	ppb
Arsenic	75-2	988.05	995.53	982.01	988.53	0.68	ppb
Barium	135-1	4979.66	4984.13	5015.96	4993.25	0.40	ppb
Barium	137-1	4986.44	4988.89	5006.60	4993.98	0.22	ppb
Beryllium	9-1	988.80	993.39	989.94	990.71	0.24	ppb
Bismuth	209-1				94		%
Bismuth	209-2				93		%
Boron	10-1	972.60	1001.62	1018.80	997.67	2.34	ppb
Boron	11-1	977.96	1007.04	1015.00	1000.00	1.95	ppb
Cadmium	111-1	985.92	988.57	987.51	987.34	0.14	ppb
Cadmium	106-1	984.22	1000.57	976.28	987.02	1.26	ppb
Cadmium	108-1	980.42	983.49	998.62	987.51	0.99	ppb
Calcium	43-1	97089.83	97013.53	98041.84	97381.73	0.59	ppb
Calcium	44-1	96816.55	97504.54	97753.40	97358.16	0.50	ppb
Chromium	52-2	989.62	1006.87	994.02	996.84	0.90	ppb
Cobalt	59-2	990.14	996.15	991.71	992.66	0.31	ppb
Copper	63-2	1964.99	1992.25	1977.35	1978.20	0.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				101		%
Indium	115-1				94		%
Indium	115-2				94		%
Iron	56-2	51982.16	52771.71	52261.43	52338.43	0.76	ppb
Iron	57-2	52260.78	52204.14	52019.59	52161.50	0.24	ppb
Lead	206-1	1001.57	1001.03	997.73	1000.11	0.21	ppb
Lead	207-1	1003.42	996.82	1004.48	1001.57	0.41	ppb
Lead	208-1	1002.18	996.86	1003.70	1000.91	0.36	ppb
Lithium	6-1				95		%
Magnesium	24-2	99535.41	100178.51	99474.22	99729.38	0.39	ppb
Manganese	55-2	1984.94	2006.16	1994.43	1995.18	0.53	ppb

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 15:02:59	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4957.94	5010.90	5022.24	4997.03	0.69	ppb
Molybdenum	95-1	4954.50	5010.13	5011.55	4992.06	0.65	ppb
Molybdenum	96-1	4955.89	5030.74	4993.63	4993.42	0.75	ppb
Molybdenum	97-1	4956.11	5039.15	4987.08	4994.11	0.84	ppb
Molybdenum	98-1	4962.53	5021.98	4996.60	4993.70	0.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	977.66	981.27	986.76	981.90	0.47	ppb
Phosphorus	31-2	19428.89	20031.44	19956.97	19805.77	1.66	ppb
Potassium	39-2	47747.30	48239.30	47995.06	47993.89	0.51	ppb
Rhodium	103-1				92		%
Rhodium	103-2				93		%
Scandium	45-1				98		%
Scandium	45-2				100		%
Selenium	77-2	961.43	1002.83	969.70	977.98	2.24	ppb
Selenium	78-2	988.74	983.98	983.54	985.42	0.29	ppb
Selenium	82-1	977.06	991.10	987.39	985.18	0.74	ppb
Silicon	28-1	999.37	1006.47	1006.19	1004.01	0.40	ppb
Silver	109-1	988.71	989.99	992.39	990.36	0.19	ppb
Silver	107-1	982.74	996.52	992.65	990.64	0.72	ppb
Sodium	23-2	98287.25	98449.12	98375.26	98370.54	0.08	ppb
Strontium	86-1	986.88	1010.78	1001.13	999.59	1.20	ppb
Strontium	88-1	995.14	1004.82	996.36	998.77	0.53	ppb
Sulfur	34-1	19885.72	20006.77	20081.31	19991.27	0.49	ppb
Terbium	159-1				99		%
Terbium	159-2				100		%
Thallium	203-1	1005.94	997.41	1008.23	1003.86	0.57	ppb
Thallium	205-1	1003.35	998.57	1004.94	1002.29	0.33	ppb
Thorium	232-1	1001.65	1009.56	1001.77	1004.32	0.45	ppb
Tin	118-1	995.65	995.64	1000.50	997.26	0.28	ppb
Titanium	47-1	4975.69	5010.41	4987.23	4991.11	0.35	ppb
Uranium	238-1	1005.15	1003.04	1004.59	1004.26	0.11	ppb
Vanadium	51-2	991.16	1004.35	995.65	997.06	0.67	ppb
Yttrium	89-1				97		%
Yttrium	89-2				101		%
Zinc	66-2	1931.24	1958.19	1956.55	1948.66	0.78	ppb

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 15:02:59	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	995.84	1000.52	999.50	998.62	0.25	ppb
Zirconium	91-1	993.95	1004.84	1005.67	1001.49	0.65	ppb

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 15:06:48	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99909.40	99713.36	100825.00	100149.25	0.59	ppb
Antimony	121-1	1.52	1.49	1.43	1.48	3.34	ppb
Arsenic	75-2	1.48	1.46	1.38	1.44	3.68	ppb
Barium	135-1	0.81	0.76	0.76	0.78	4.02	ppb
Barium	137-1	0.75	0.74	0.81	0.76	4.67	ppb
Beryllium	9-1	0.19	0.17	0.13	0.16	19.66	ppb
Bismuth	209-1				80		%
Bismuth	209-2				80		%
Boron	10-1	62.99	58.51	54.27	58.59	7.44	ppb
Boron	11-1	64.51	57.43	51.77	57.90	11.02	ppb
Cadmium	111-1	0.26	0.31	0.18	0.25	26.59	ppb
Cadmium	106-1	1.17	1.83	0.23	1.08	74.87	ppb
Cadmium	108-1	0.22	0.24	0.28	0.25	11.25	ppb
Calcium	43-1	497699.99	504503.90	499570.43	500591.44	0.70	ppb
Calcium	44-1	497209.69	503321.29	501358.57	500629.85	0.62	ppb
Chromium	52-2	31.55	31.28	31.32	31.39	0.46	ppb
Cobalt	59-2	11.87	11.65	11.86	11.79	1.06	ppb
Copper	63-2	4.10	4.11	4.21	4.14	1.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				96		%
Indium	115-1				88		%
Indium	115-2				91		%
Iron	56-2	251908.97	246882.54	249159.86	249317.12	1.01	ppb
Iron	57-2	250534.51	247473.65	250133.86	249380.67	0.67	ppb
Lead	206-1	1.78	1.73	1.75	1.75	1.41	ppb
Lead	207-1	1.60	1.64	1.58	1.61	1.99	ppb
Lead	208-1	1.68	1.68	1.67	1.68	0.27	ppb
Lithium	6-1				93		%
Magnesium	24-2	499838.03	500505.07	499433.13	499925.41	0.11	ppb
Manganese	55-2	8.72	8.49	8.52	8.58	1.42	ppb

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 15:06:48	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.28	4.46	4.22	4.32	2.87	ppb
Molybdenum	95-1	5.90	5.70	5.84	5.81	1.68	ppb
Molybdenum	96-1	7.12	7.18	6.84	7.05	2.58	ppb
Molybdenum	97-1	5.93	5.50	5.61	5.68	3.87	ppb
Molybdenum	98-1	5.67	5.50	5.61	5.59	1.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	26.77	26.78	27.62	27.06	1.80	ppb
Phosphorus	31-2	5.55	3.07	4.20	4.27	29.03	ppb
Potassium	39-2	250433.55	249231.87	251818.33	250494.58	0.52	ppb
Rhodium	103-1				83		%
Rhodium	103-2				84		%
Scandium	45-1				96		%
Scandium	45-2				101		%
Selenium	77-2	0.00	0.61	0.00	0.20	173.21	ppb
Selenium	78-2	0.64	1.33	1.51	1.16	39.50	ppb
Selenium	82-1	0.48	0.73	0.46	0.56	26.93	ppb
Silicon	28-1	513.35	538.85	543.99	532.06	3.08	ppb
Silver	109-1	0.12	0.09	0.08	0.10	18.96	ppb
Silver	107-1	0.11	0.09	0.09	0.10	9.60	ppb
Sodium	23-2	500205.92	499044.37	501612.38	500287.55	0.26	ppb
Strontium	86-1	4.77	4.56	4.82	4.72	2.94	ppb
Strontium	88-1	4.82	4.85	4.88	4.85	0.71	ppb
Sulfur	34-1	-702.08	-586.87	-552.15	-613.70		ppb
Terbium	159-1				94		%
Terbium	159-2				96		%
Thallium	203-1	0.41	0.41	0.40	0.41	1.40	ppb
Thallium	205-1	0.44	0.42	0.40	0.42	4.14	ppb
Thorium	232-1	0.19	0.17	0.16	0.17	6.60	ppb
Tin	118-1	0.69	0.64	0.67	0.67	3.82	ppb
Titanium	47-1	1.22	1.40	1.38	1.33	7.53	ppb
Uranium	238-1	0.22	0.20	0.20	0.20	5.07	ppb
Vanadium	51-2	0.49	0.47	0.44	0.46	5.22	ppb
Yttrium	89-1				93		%
Yttrium	89-2				99		%
Zinc	66-2	9.20	9.11	10.03	9.45	5.39	ppb

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 15:06:48	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.20	0.18	0.17	0.18	8.30	ppb
Zirconium	91-1	0.23	0.16	0.17	0.19	18.17	ppb

LB Number : LB97934 Operator : Jaswal
 Lab Sample ID : ICV Instrumnet Name : P7
 Client Sample ID : ICV Dilution Factor : 1
 Date & Time Acquired :: 2018-09-14 15:17:00 DataFile Name : 012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	515.26	525.99	516.44	519.23	1.13	ppb
Antimony	121-1	190.95	192.03	190.28	191.09	0.46	ppb
Arsenic	75-2	200.20	201.23	199.49	200.31	0.44	ppb
Barium	135-1	100.12	101.16	100.62	100.64	0.52	ppb
Barium	137-1	100.34	101.17	100.63	100.71	0.42	ppb
Beryllium	9-1	99.55	100.70	99.16	99.80	0.80	ppb
Bismuth	209-1				98		%
Bismuth	209-2				100		%
Boron	10-1	474.02	497.69	501.53	491.08	3.03	ppb
Boron	11-1	470.44	490.83	500.76	487.34	3.17	ppb
Cadmium	111-1	108.28	109.76	106.91	108.32	1.31	ppb
Cadmium	106-1	177.60	180.15	177.24	178.33	0.89	ppb
Cadmium	108-1	141.96	140.78	142.68	141.81	0.68	ppb
Calcium	43-1	2234.04	2270.25	2213.56	2239.28	1.28	ppb
Calcium	44-1	2026.70	2029.43	2013.49	2023.21	0.42	ppb
Chromium	52-2	95.65	96.57	95.05	95.76	0.80	ppb
Cobalt	59-2	99.97	100.81	99.21	100.00	0.80	ppb
Copper	63-2	102.01	102.97	102.35	102.44	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				99		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				101		%
Iron	56-2	1036.81	1038.20	1036.88	1037.30	0.08	ppb
Iron	57-2	1036.86	1042.37	1041.78	1040.33	0.29	ppb
Lead	206-1	185.95	189.77	187.51	187.74	1.02	ppb
Lead	207-1	182.31	185.22	181.87	183.13	0.99	ppb
Lead	208-1	188.71	190.25	186.98	188.65	0.87	ppb
Lithium	6-1				104		%
Magnesium	24-2	1197.52	1208.07	1204.59	1203.39	0.45	ppb
Manganese	55-2	95.61	96.53	96.21	96.12	0.49	ppb

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 15:17:00	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1139.25	1150.55	1126.65	1138.82	1.05	ppb
Molybdenum	95-1	552.80	558.24	547.26	552.77	0.99	ppb
Molybdenum	96-1	625.46	630.10	616.90	624.15	1.07	ppb
Molybdenum	97-1	531.85	540.16	535.16	535.72	0.78	ppb
Molybdenum	98-1	551.28	552.03	545.11	549.47	0.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	106.16	106.98	106.02	106.39	0.49	ppb
Phosphorus	31-2	-4.08	0.04	-1.12	-1.72		ppb
Potassium	39-2	1894.86	1904.62	1908.40	1902.62	0.37	ppb
Rhodium	103-1				101		%
Rhodium	103-2				103		%
Scandium	45-1				104		%
Scandium	45-2				107		%
Selenium	77-2	193.39	199.11	207.80	200.10	3.63	ppb
Selenium	78-2	202.40	207.85	204.08	204.78	1.36	ppb
Selenium	82-1	198.99	202.15	203.09	201.41	1.07	ppb
Silicon	28-1	4.33	5.28	4.57	4.73	10.42	ppb
Silver	109-1	101.85	103.67	101.23	102.25	1.24	ppb
Silver	107-1	101.41	103.62	101.19	102.07	1.32	ppb
Sodium	23-2	1925.64	1945.19	1920.06	1930.29	0.68	ppb
Strontium	86-1	492.77	497.82	494.26	494.95	0.52	ppb
Strontium	88-1	504.02	501.36	497.78	501.06	0.63	ppb
Sulfur	34-1	-266.42	-323.47	-388.41	-326.10		ppb
Terbium	159-1				99		%
Terbium	159-2				101		%
Thallium	203-1	194.11	194.63	191.72	193.48	0.80	ppb
Thallium	205-1	194.49	194.12	191.69	193.43	0.79	ppb
Thorium	232-1	494.22	496.91	486.21	492.45	1.13	ppb
Tin	118-1	525.10	524.21	514.04	521.11	1.18	ppb
Titanium	47-1	496.10	506.30	496.41	499.60	1.16	ppb
Uranium	238-1	484.90	487.72	478.63	483.75	0.96	ppb
Vanadium	51-2	95.19	97.28	95.13	95.87	1.28	ppb
Yttrium	89-1				101		%
Yttrium	89-2				105		%
Zinc	66-2	205.67	209.75	208.28	207.90	0.99	ppb

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 15:17:00	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	497.58	502.67	492.53	497.59	1.02	ppb
Zirconium	91-1	497.55	501.43	486.41	495.13	1.57	ppb

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 15:24:44	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.22	0.07	0.26	0.04	643.89	ppb
Antimony	121-1	0.03	0.03	0.03	0.03	5.92	ppb
Arsenic	75-2	0.02	0.02	0.02	0.02	17.31	ppb
Barium	135-1	0.00	0.01	0.00	0.00	85.31	ppb
Barium	137-1	-0.01	0.00	0.00	0.00		ppb
Beryllium	9-1	0.02	0.03	0.02	0.02	29.36	ppb
Bismuth	209-1				99		%
Bismuth	209-2				101		%
Boron	10-1	15.61	13.93	13.57	14.37	7.59	ppb
Boron	11-1	15.21	13.97	13.39	14.19	6.54	ppb
Cadmium	111-1	-0.04	-0.07	-0.05	-0.05		ppb
Cadmium	106-1	-0.69	-1.44	-1.03	-1.05		ppb
Cadmium	108-1	0.00	0.02	0.03	0.02	98.26	ppb
Calcium	43-1	1.78	0.02	0.18	0.66	148.11	ppb
Calcium	44-1	0.66	0.01	0.60	0.43	83.90	ppb
Chromium	52-2	-0.02	-0.01	0.01	-0.01		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	372.15	ppb
Copper	63-2	-0.08	-0.06	-0.04	-0.06		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				100		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				105		%
Iron	56-2	0.25	0.27	0.35	0.29	17.23	ppb
Iron	57-2	1.10	0.22	0.86	0.73	62.77	ppb
Lead	206-1	0.02	0.02	0.02	0.02	10.43	ppb
Lead	207-1	0.04	0.03	0.04	0.04	17.76	ppb
Lead	208-1	0.03	0.02	0.02	0.02	10.68	ppb
Lithium	6-1				106		%
Magnesium	24-2	0.41	0.58	0.68	0.56	24.61	ppb
Manganese	55-2	0.00	0.00	0.00	0.00		ppb

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 15:24:44	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.07	0.07	0.03	0.06	41.91	ppb
Molybdenum	95-1	0.04	0.03	0.04	0.04	13.65	ppb
Molybdenum	96-1	0.05	0.04	0.03	0.04	34.44	ppb
Molybdenum	97-1	0.03	0.03	0.02	0.03	18.89	ppb
Molybdenum	98-1	0.04	0.02	0.03	0.03	40.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.01	0.01	0.01	135.96	ppb
Phosphorus	31-2	-3.34	-7.88	-11.81	-7.68		ppb
Potassium	39-2	3.47	-1.53	4.49	2.14	150.18	ppb
Rhodium	103-1				104		%
Rhodium	103-2				105		%
Scandium	45-1				107		%
Scandium	45-2				109		%
Selenium	77-2	0.29	0.00	0.29	0.19	86.60	ppb
Selenium	78-2	0.16	0.15	0.71	0.34	93.61	ppb
Selenium	82-1	0.17	-0.02	-0.33	-0.06		ppb
Silicon	28-1	1.35	0.86	0.96	1.06	24.33	ppb
Silver	109-1	0.00	0.01	0.00	0.00	76.90	ppb
Silver	107-1	0.01	0.01	0.01	0.01	20.42	ppb
Sodium	23-2	4.57	3.59	5.15	4.44	17.74	ppb
Strontium	86-1	0.02	0.02	-0.02	0.01	251.31	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	67.41	ppb
Sulfur	34-1	-311.70	-438.00	-376.46	-375.39		ppb
Terbium	159-1				100		%
Terbium	159-2				103		%
Thallium	203-1	0.02	0.01	0.01	0.01	49.97	ppb
Thallium	205-1	0.02	0.01	0.01	0.01	18.16	ppb
Thorium	232-1	0.05	0.04	0.04	0.04	6.83	ppb
Tin	118-1	0.54	0.07	0.06	0.22	124.14	ppb
Titanium	47-1	0.00	-0.03	0.00	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	46.89	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				103		%
Yttrium	89-2				106		%
Zinc	66-2	-0.03	-0.04	-0.01	-0.03		ppb

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 15:24:44	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.02	0.02	0.02	3.17	ppb
Zirconium	91-1	0.03	0.01	0.02	0.02	42.95	ppb

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 15:28:19	DataFile Name :	014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91250.29	89618.54	90084.28	90317.71	0.93	ppb
Antimony	121-1	1.13	1.18	1.19	1.17	2.60	ppb
Arsenic	75-2	0.31	0.28	0.30	0.30	4.58	ppb
Barium	135-1	1.39	1.53	1.52	1.48	5.37	ppb
Barium	137-1	1.46	1.35	1.45	1.42	4.40	ppb
Beryllium	9-1	0.29	0.28	0.28	0.28	3.12	ppb
Bismuth	209-1				90		%
Bismuth	209-2				90		%
Boron	10-1	11.44	12.20	11.04	11.56	5.13	ppb
Boron	11-1	11.69	12.32	11.82	11.94	2.78	ppb
Cadmium	111-1	0.29	0.30	0.40	0.33	17.50	ppb
Cadmium	106-1	-1.91	-2.13	-1.16	-1.73		ppb
Cadmium	108-1	11.06	9.98	10.31	10.45	5.29	ppb
Calcium	43-1	96232.62	96301.14	95184.59	95906.12	0.65	ppb
Calcium	44-1	95883.77	96394.01	95083.26	95787.01	0.69	ppb
Chromium	52-2	19.35	19.01	18.87	19.08	1.29	ppb
Cobalt	59-2	1.21	1.18	1.19	1.19	1.36	ppb
Copper	63-2	7.62	7.41	7.33	7.45	2.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				100		%
Indium	115-1				95		%
Indium	115-2				96		%
Iron	56-2	103489.77	100764.74	101132.48	101795.66	1.45	ppb
Iron	57-2	103163.97	100626.00	100276.48	101355.48	1.55	ppb
Lead	206-1	4.88	4.83	4.74	4.82	1.53	ppb
Lead	207-1	4.29	4.28	4.16	4.24	1.66	ppb
Lead	208-1	4.53	4.48	4.39	4.46	1.60	ppb
Lithium	6-1				99		%
Magnesium	24-2	100066.85	98616.23	98283.55	98988.88	0.96	ppb
Manganese	55-2	7.66	7.59	7.63	7.63	0.44	ppb

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 15:28:19	DataFile Name :	014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1332.90	1331.36	1308.24	1324.17	1.04	ppb
Molybdenum	95-1	1928.29	1933.51	1904.52	1922.11	0.80	ppb
Molybdenum	96-1	1854.42	1855.71	1844.53	1851.55	0.33	ppb
Molybdenum	97-1	1936.98	1921.36	1913.99	1924.11	0.61	ppb
Molybdenum	98-1	1934.72	1929.05	1914.64	1926.13	0.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.18	5.22	4.98	5.13	2.52	ppb
Phosphorus	31-2	95081.66	93457.22	93859.68	94132.85	0.90	ppb
Potassium	39-2	97141.09	94590.45	96041.21	95924.25	1.33	ppb
Rhodium	103-1				93		%
Rhodium	103-2				94		%
Scandium	45-1				100		%
Scandium	45-2				103		%
Selenium	77-2	0.30	0.00	0.60	0.30	99.58	ppb
Selenium	78-2	-0.45	-0.19	0.08	-0.19		ppb
Selenium	82-1	-0.14	-0.07	0.05	-0.06		ppb
Silicon	28-1	20.47	20.40	20.14	20.33	0.86	ppb
Silver	109-1	0.03	0.04	0.05	0.04	23.15	ppb
Silver	107-1	0.03	0.05	0.05	0.04	28.70	ppb
Sodium	23-2	100030.18	98101.50	99120.91	99084.20	0.97	ppb
Strontium	86-1	33.30	33.39	33.12	33.27	0.40	ppb
Strontium	88-1	32.83	33.04	32.80	32.89	0.39	ppb
Sulfur	34-1	93880.82	93874.07	92600.12	93451.67	0.79	ppb
Terbium	159-1				98		%
Terbium	159-2				100		%
Thallium	203-1	0.04	0.06	0.07	0.06	19.64	ppb
Thallium	205-1	0.05	0.07	0.07	0.06	20.26	ppb
Thorium	232-1	0.04	0.04	0.04	0.04	9.06	ppb
Tin	118-1	0.16	0.16	0.17	0.17	2.49	ppb
Titanium	47-1	1981.23	1974.46	1951.67	1969.12	0.79	ppb
Uranium	238-1	0.02	0.02	0.01	0.02	15.58	ppb
Vanadium	51-2	0.18	0.14	0.14	0.15	12.35	ppb
Yttrium	89-1				98		%
Yttrium	89-2				101		%
Zinc	66-2	13.96	13.68	13.25	13.63	2.62	ppb

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 15:28:19	DataFile Name :	014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.08	0.06	0.05	0.06	24.63	ppb
Zirconium	91-1	0.05	0.05	0.03	0.05	24.96	ppb

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 15:39:20	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	90775.96	91355.13	90643.13	90924.74	0.42	ppb
Antimony	121-1	20.96	20.65	20.70	20.77	0.80	ppb
Arsenic	75-2	19.62	19.54	19.48	19.55	0.34	ppb
Barium	135-1	21.77	21.37	21.92	21.69	1.29	ppb
Barium	137-1	21.58	21.89	21.81	21.76	0.73	ppb
Beryllium	9-1	20.52	20.39	20.11	20.34	1.02	ppb
Bismuth	209-1				90		%
Bismuth	209-2				91		%
Boron	10-1	92.48	92.48	90.03	91.66	1.54	ppb
Boron	11-1	92.68	91.42	87.91	90.67	2.72	ppb
Cadmium	111-1	20.53	20.44	20.22	20.40	0.80	ppb
Cadmium	106-1	25.71	26.74	25.19	25.88	3.03	ppb
Cadmium	108-1	33.63	32.35	34.28	33.42	2.93	ppb
Calcium	43-1	96107.66	94957.26	95408.88	95491.26	0.61	ppb
Calcium	44-1	95733.78	95111.40	95013.44	95286.21	0.41	ppb
Chromium	52-2	38.44	38.81	38.27	38.51	0.72	ppb
Cobalt	59-2	20.83	20.75	20.83	20.80	0.22	ppb
Copper	63-2	27.16	27.45	27.15	27.26	0.62	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				101		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	56-2	102247.47	102129.93	102195.90	102191.10	0.06	ppb
Iron	57-2	102122.67	102143.82	101734.85	102000.45	0.23	ppb
Lead	206-1	25.56	25.20	25.64	25.47	0.93	ppb
Lead	207-1	23.93	23.65	23.57	23.72	0.81	ppb
Lead	208-1	24.54	24.26	24.37	24.39	0.58	ppb
Lithium	6-1				102		%
Magnesium	24-2	100321.44	100749.44	99530.22	100200.37	0.62	ppb
Manganese	55-2	27.18	27.23	27.16	27.19	0.12	ppb

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 15:39:20	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1462.92	1441.74	1455.64	1453.43	0.74	ppb
Molybdenum	95-1	1973.40	1947.49	1980.56	1967.15	0.88	ppb
Molybdenum	96-1	1899.76	1887.77	1898.76	1895.43	0.35	ppb
Molybdenum	97-1	1961.33	1956.29	1958.28	1958.63	0.13	ppb
Molybdenum	98-1	1961.51	1962.14	1959.12	1960.92	0.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.99	24.88	24.75	24.87	0.49	ppb
Phosphorus	31-2	95645.53	97174.03	95987.89	96269.15	0.83	ppb
Potassium	39-2	96012.10	96749.46	96621.78	96461.11	0.41	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				105		%
Scandium	45-2				107		%
Selenium	77-2	22.98	20.15	19.06	20.73	9.76	ppb
Selenium	78-2	18.03	19.93	19.54	19.17	5.22	ppb
Selenium	82-1	18.91	19.02	18.96	18.96	0.30	ppb
Silicon	28-1	85.96	85.27	85.82	85.68	0.42	ppb
Silver	109-1	18.74	18.71	18.64	18.70	0.28	ppb
Silver	107-1	18.81	18.55	18.38	18.58	1.17	ppb
Sodium	23-2	100289.85	100231.47	100091.31	100204.21	0.10	ppb
Strontium	86-1	92.68	90.18	91.51	91.46	1.37	ppb
Strontium	88-1	90.72	89.94	90.20	90.29	0.44	ppb
Sulfur	34-1	94677.69	94394.28	94025.67	94365.88	0.35	ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	20.53	20.53	20.46	20.51	0.20	ppb
Thallium	205-1	20.67	20.70	20.56	20.64	0.36	ppb
Thorium	232-1	0.10	0.09	0.08	0.09	14.79	ppb
Tin	118-1	58.37	57.97	57.51	57.95	0.74	ppb
Titanium	47-1	2042.85	2022.74	2012.88	2026.15	0.75	ppb
Uranium	238-1	60.27	60.56	60.18	60.34	0.33	ppb
Vanadium	51-2	19.57	19.59	19.49	19.55	0.27	ppb
Yttrium	89-1				102		%
Yttrium	89-2				105		%
Zinc	66-2	29.93	29.67	29.29	29.63	1.09	ppb

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 15:39:20	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	57.66	56.98	57.01	57.22	0.68	ppb
Zirconium	91-1	59.71	58.43	58.68	58.94	1.16	ppb

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	CCV097	Instrumnet Name :	P7
Client Sample ID :	CCV097	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 15:51:26	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52468.89	52689.02	51853.83	52337.25	0.83	ppb
Antimony	121-1	514.91	495.09	494.01	501.34	2.35	ppb
Arsenic	75-2	493.72	495.32	489.64	492.89	0.59	ppb
Barium	135-1	2629.47	2545.84	2509.30	2561.54	2.40	ppb
Barium	137-1	2636.38	2534.85	2520.92	2564.05	2.46	ppb
Beryllium	9-1	515.05	501.54	499.59	505.39	1.67	ppb
Bismuth	209-1				87		%
Bismuth	209-2				87		%
Boron	10-1	508.68	510.66	511.88	510.40	0.32	ppb
Boron	11-1	507.16	509.25	512.49	509.63	0.53	ppb
Cadmium	111-1	489.49	476.87	475.56	480.64	1.60	ppb
Cadmium	106-1	506.86	495.78	494.06	498.90	1.39	ppb
Cadmium	108-1	499.28	487.80	484.31	490.46	1.60	ppb
Calcium	43-1	251692.12	240112.86	239267.02	243690.67	2.85	ppb
Calcium	44-1	250978.67	240249.91	239560.86	243596.48	2.63	ppb
Chromium	52-2	494.64	499.31	496.59	496.84	0.47	ppb
Cobalt	59-2	490.62	488.72	485.69	488.34	0.51	ppb
Copper	63-2	942.41	935.11	929.97	935.83	0.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				101		%
Indium	115-1				96		%
Indium	115-2				97		%
Iron	56-2	127513.35	127336.04	127449.62	127433.00	0.07	ppb
Iron	57-2	127518.07	126871.41	125712.51	126700.66	0.72	ppb
Lead	206-1	534.57	519.00	511.50	521.69	2.26	ppb
Lead	207-1	537.82	519.78	514.29	523.97	2.35	ppb
Lead	208-1	535.51	518.78	512.02	522.10	2.32	ppb
Lithium	6-1				103		%
Magnesium	24-2	251021.23	253129.59	248365.56	250838.79	0.95	ppb
Manganese	55-2	986.11	987.42	983.52	985.68	0.20	ppb

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	CCV097	Instrumnet Name :	P7
Client Sample ID :	CCV097	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 15:51:26	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2624.71	2505.30	2534.27	2554.76	2.44	ppb
Molybdenum	95-1	2636.55	2513.87	2522.69	2557.70	2.68	ppb
Molybdenum	96-1	2628.77	2514.95	2512.55	2552.09	2.60	ppb
Molybdenum	97-1	2617.36	2511.64	2528.69	2552.56	2.22	ppb
Molybdenum	98-1	2625.91	2492.99	2528.70	2549.20	2.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	482.44	487.65	483.34	484.48	0.58	ppb
Phosphorus	31-2	10161.24	10097.14	10022.49	10093.62	0.69	ppb
Potassium	39-2	124106.67	124464.38	123373.94	123981.66	0.45	ppb
Rhodium	103-1				92		%
Rhodium	103-2				93		%
Scandium	45-1				106		%
Scandium	45-2				110		%
Selenium	77-2	470.34	453.02	470.54	464.63	2.17	ppb
Selenium	78-2	478.29	485.81	469.72	477.94	1.68	ppb
Selenium	82-1	485.61	465.24	470.83	473.89	2.22	ppb
Silicon	28-1	618.63	608.42	616.13	614.39	0.87	ppb
Silver	109-1	505.57	487.68	482.50	491.92	2.46	ppb
Silver	107-1	505.49	487.02	484.86	492.46	2.30	ppb
Sodium	23-2	250014.28	252001.22	248443.97	250153.16	0.71	ppb
Strontium	86-1	516.09	499.72	498.25	504.69	1.96	ppb
Strontium	88-1	527.75	503.52	500.79	510.69	2.91	ppb
Sulfur	34-1	10350.92	9901.47	9755.63	10002.67	3.10	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	534.79	521.95	515.03	523.92	1.91	ppb
Thallium	205-1	536.13	524.09	509.81	523.34	2.52	ppb
Thorium	232-1	545.80	520.30	524.66	530.26	2.57	ppb
Tin	118-1	522.77	505.62	501.56	509.98	2.21	ppb
Titanium	47-1	2635.42	2529.33	2520.32	2561.69	2.50	ppb
Uranium	238-1	544.42	521.91	519.27	528.53	2.61	ppb
Vanadium	51-2	501.51	505.02	498.60	501.71	0.64	ppb
Yttrium	89-1				102		%
Yttrium	89-2				106		%
Zinc	66-2	904.27	907.11	903.45	904.95	0.21	ppb

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	CCV097	Instrumnet Name :	P7
Client Sample ID :	CCV097	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 15:51:26	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	528.14	508.10	509.09	515.11	2.19	ppb
Zirconium	91-1	528.17	507.14	509.32	514.88	2.25	ppb

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	CCB097	Instrumnet Name :	P7
Client Sample ID :	CCB097	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 15:55:27	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.44	0.23	0.59	0.42	42.87	ppb
Antimony	121-1	0.16	0.16	0.14	0.16	8.16	ppb
Arsenic	75-2	0.04	0.05	0.04	0.04	13.85	ppb
Barium	135-1	0.10	0.10	0.08	0.09	13.57	ppb
Barium	137-1	0.06	0.07	0.05	0.06	16.21	ppb
Beryllium	9-1	0.10	0.07	0.04	0.07	40.26	ppb
Bismuth	209-1				98		%
Bismuth	209-2				100		%
Boron	10-1	28.23	25.09	25.11	26.14	6.91	ppb
Boron	11-1	27.74	26.52	24.49	26.25	6.25	ppb
Cadmium	111-1	0.01	0.06	0.06	0.04	72.10	ppb
Cadmium	106-1	-0.56	0.47	0.74	0.22	320.49	ppb
Cadmium	108-1	0.03	0.03	0.09	0.05	58.42	ppb
Calcium	43-1	6.58	9.38	7.19	7.72	19.06	ppb
Calcium	44-1	8.30	7.70	4.87	6.96	26.31	ppb
Chromium	52-2	-0.01	0.00	0.00	-0.01		ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	18.09	ppb
Copper	63-2	0.01	0.01	-0.01	0.00	507.03	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				101		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				104		%
Iron	56-2	3.64	3.58	3.86	3.70	3.96	ppb
Iron	57-2	2.90	3.49	3.35	3.25	9.51	ppb
Lead	206-1	0.07	0.08	0.06	0.07	12.98	ppb
Lead	207-1	0.07	0.07	0.07	0.07	5.09	ppb
Lead	208-1	0.06	0.07	0.07	0.07	3.45	ppb
Lithium	6-1				108		%
Magnesium	24-2	3.13	3.48	3.33	3.31	5.21	ppb
Manganese	55-2	0.00	0.01	0.01	0.01	48.86	ppb

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	CCB097	Instrumnet Name :	P7
Client Sample ID :	CCB097	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 15:55:27	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.29	0.29	0.22	0.27	16.68	ppb
Molybdenum	95-1	0.33	0.31	0.29	0.31	6.98	ppb
Molybdenum	96-1	0.35	0.33	0.29	0.32	9.74	ppb
Molybdenum	97-1	0.30	0.33	0.26	0.30	11.51	ppb
Molybdenum	98-1	0.34	0.33	0.26	0.31	15.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.00	0.01	0.01	50.75	ppb
Phosphorus	31-2	-2.64	-5.73	-15.06	-7.81		ppb
Potassium	39-2	17.08	16.07	15.69	16.28	4.39	ppb
Rhodium	103-1				105		%
Rhodium	103-2				106		%
Scandium	45-1				108		%
Scandium	45-2				110		%
Selenium	77-2	0.29	0.00	0.28	0.19	86.61	ppb
Selenium	78-2	-0.11	0.10	-0.04	-0.02		ppb
Selenium	82-1	-0.16	-0.33	-0.07	-0.19		ppb
Silicon	28-1	3.96	4.02	2.92	3.63	17.10	ppb
Silver	109-1	0.04	0.04	0.03	0.04	13.02	ppb
Silver	107-1	0.04	0.04	0.04	0.04	5.96	ppb
Sodium	23-2	26.95	26.39	25.56	26.30	2.65	ppb
Strontium	86-1	0.05	0.03	0.02	0.03	37.72	ppb
Strontium	88-1	0.02	0.02	0.01	0.02	23.86	ppb
Sulfur	34-1	-432.19	-429.60	-495.94	-452.58		ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	0.11	0.11	0.10	0.11	3.10	ppb
Thallium	205-1	0.11	0.12	0.10	0.11	7.33	ppb
Thorium	232-1	0.07	0.08	0.08	0.08	4.75	ppb
Tin	118-1	0.11	0.12	0.10	0.11	8.02	ppb
Titanium	47-1	0.14	0.16	0.07	0.12	38.16	ppb
Uranium	238-1	0.02	0.02	0.01	0.02	25.77	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	27.93	ppb
Yttrium	89-1				104		%
Yttrium	89-2				108		%
Zinc	66-2	0.12	0.03	-0.05	0.03	257.98	ppb

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	CCB097	Instrumnet Name :	P7
Client Sample ID :	CCB097	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 15:55:27	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.05	0.05	0.03	0.04	20.44	ppb
Zirconium	91-1	0.05	0.04	0.02	0.03	36.71	ppb

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	PB112866BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 15:59:00	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.17	0.80	0.46	0.48	65.99	ppb
Antimony	121-1	0.04	0.05	0.04	0.05	11.13	ppb
Arsenic	75-2	0.00	0.01	0.02	0.01	106.66	ppb
Barium	135-1	0.02	0.01	0.02	0.02	32.85	ppb
Barium	137-1	0.00	0.00	0.00	0.00		ppb
Beryllium	9-1	0.05	0.03	0.03	0.04	22.97	ppb
Bismuth	209-1				99		%
Bismuth	209-2				101		%
Boron	10-1	13.09	12.56	11.90	12.52	4.75	ppb
Boron	11-1	13.63	12.46	11.82	12.64	7.28	ppb
Cadmium	111-1	0.02	0.06	0.02	0.03	71.66	ppb
Cadmium	106-1	-0.03	1.00	0.08	0.35	162.97	ppb
Cadmium	108-1	0.00	0.03	0.03	0.02	88.63	ppb
Calcium	43-1	-0.42	2.28	1.46	1.11	125.07	ppb
Calcium	44-1	0.98	0.15	0.13	0.42	116.26	ppb
Chromium	52-2	-0.03	0.01	0.00	-0.01		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	175.06	ppb
Copper	63-2	-0.02	-0.04	-0.01	-0.02		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				103		%
Indium	115-1				105		%
Indium	115-2				107		%
Iron	56-2	0.84	1.02	1.10	0.99	13.15	ppb
Iron	57-2	0.89	1.22	0.63	0.91	32.09	ppb
Lead	206-1	0.03	0.03	0.04	0.03	15.42	ppb
Lead	207-1	0.05	0.05	0.05	0.05	6.38	ppb
Lead	208-1	0.04	0.04	0.04	0.04	3.95	ppb
Lithium	6-1				110		%
Magnesium	24-2	2.17	1.82	1.79	1.93	10.89	ppb
Manganese	55-2	0.01	0.00	0.00	0.00	519.32	ppb

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	PB112866BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 15:59:00	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.06	0.08	0.09	0.08	15.79	ppb
Molybdenum	95-1	0.10	0.08	0.06	0.08	28.79	ppb
Molybdenum	96-1	0.09	0.07	0.08	0.08	12.08	ppb
Molybdenum	97-1	0.07	0.08	0.08	0.08	10.98	ppb
Molybdenum	98-1	0.09	0.07	0.07	0.08	10.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.00	-0.01	0.00		ppb
Phosphorus	31-2	-2.27	-2.44	-10.66	-5.12		ppb
Potassium	39-2	8.28	7.12	8.42	7.94	8.95	ppb
Rhodium	103-1				107		%
Rhodium	103-2				107		%
Scandium	45-1				111		%
Scandium	45-2				113		%
Selenium	77-2	0.00	0.00	0.28	0.09	173.21	ppb
Selenium	78-2	-0.19	-0.11	0.58	0.09	461.93	ppb
Selenium	82-1	-0.39	-0.03	0.03	-0.13		ppb
Silicon	28-1	1.55	0.82	0.77	1.05	41.64	ppb
Silver	109-1	0.02	0.01	0.00	0.01	51.62	ppb
Silver	107-1	0.02	0.02	0.01	0.02	24.71	ppb
Sodium	23-2	14.37	14.23	12.84	13.81	6.13	ppb
Strontium	86-1	0.04	0.01	-0.03	0.01	628.19	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	514.84	ppb
Sulfur	34-1	-465.42	-522.99	-522.96	-503.79		ppb
Terbium	159-1				102		%
Terbium	159-2				104		%
Thallium	203-1	0.04	0.03	0.04	0.03	19.03	ppb
Thallium	205-1	0.04	0.03	0.03	0.03	15.80	ppb
Thorium	232-1	0.04	0.03	0.04	0.04	7.72	ppb
Tin	118-1	0.27	0.03	0.08	0.13	97.26	ppb
Titanium	47-1	0.01	0.00	0.03	0.02	102.31	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	76.08	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	62.89	ppb
Yttrium	89-1				106		%
Yttrium	89-2				110		%
Zinc	66-2	-0.03	-0.03	0.00	-0.02		ppb

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	PB112866BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 15:59:00	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.02	0.01	0.01	46.93	ppb
Zirconium	91-1	0.02	0.05	0.01	0.03	68.51	ppb

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	PB112866BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 16:07:39	DataFile Name :	023LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	42.04	42.19	39.68	41.31	3.41	ppb
Antimony	121-1	3.84	3.91	3.94	3.90	1.24	ppb
Arsenic	75-2	2.14	2.11	1.96	2.07	4.60	ppb
Barium	135-1	20.03	19.62	19.46	19.70	1.47	ppb
Barium	137-1	20.10	19.88	19.64	19.87	1.17	ppb
Beryllium	9-1	1.98	2.02	1.97	1.99	1.30	ppb
Bismuth	209-1				98		%
Bismuth	209-2				99		%
Boron	10-1	52.58	52.29	54.06	52.98	1.79	ppb
Boron	11-1	53.17	52.71	53.68	53.19	0.91	ppb
Cadmium	111-1	2.25	2.14	2.05	2.14	4.52	ppb
Cadmium	106-1	3.01	2.88	0.29	2.06	74.40	ppb
Cadmium	108-1	2.10	2.31	1.94	2.12	8.74	ppb
Calcium	43-1	926.57	938.20	937.02	933.93	0.69	ppb
Calcium	44-1	906.26	910.26	902.51	906.34	0.43	ppb
Chromium	52-2	4.20	4.21	4.13	4.18	1.05	ppb
Cobalt	59-2	2.07	2.08	2.05	2.07	0.73	ppb
Copper	63-2	4.16	4.13	4.19	4.16	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				102		%
Holmium	165-2				101		%
Indium	115-1				104		%
Indium	115-2				105		%
Iron	56-2	404.83	394.90	397.35	399.03	1.30	ppb
Iron	57-2	398.76	395.57	392.85	395.72	0.75	ppb
Lead	206-1	2.00	1.92	2.00	1.98	2.24	ppb
Lead	207-1	1.96	1.92	1.97	1.95	1.39	ppb
Lead	208-1	1.97	1.95	1.96	1.96	0.73	ppb
Lithium	6-1				110		%
Magnesium	24-2	1036.61	1015.66	1012.18	1021.48	1.29	ppb
Manganese	55-2	2.05	2.03	2.06	2.05	0.71	ppb

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	PB112866BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 16:07:39	DataFile Name :	023LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	9.81	9.69	9.80	9.77	0.69	ppb
Molybdenum	95-1	9.86	9.72	9.72	9.77	0.81	ppb
Molybdenum	96-1	9.65	9.76	9.60	9.67	0.86	ppb
Molybdenum	97-1	9.79	9.66	9.76	9.74	0.72	ppb
Molybdenum	98-1	9.78	9.64	9.78	9.73	0.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.37	2.06	2.26	2.23	7.10	ppb
Phosphorus	31-2	0.84	4.19	2.25	2.43	69.21	ppb
Potassium	39-2	987.60	963.92	965.54	972.35	1.36	ppb
Rhodium	103-1				107		%
Rhodium	103-2				106		%
Scandium	45-1				112		%
Scandium	45-2				113		%
Selenium	77-2	8.24	10.99	8.14	9.12	17.71	ppb
Selenium	78-2	11.34	10.07	10.90	10.77	5.99	ppb
Selenium	82-1	10.10	9.42	9.75	9.76	3.45	ppb
Silicon	28-1	30.12	29.45	29.70	29.76	1.14	ppb
Silver	109-1	2.12	2.21	2.11	2.15	2.57	ppb
Silver	107-1	2.12	2.14	2.12	2.13	0.69	ppb
Sodium	23-2	994.27	980.18	986.68	987.05	0.71	ppb
Strontium	86-1	2.05	1.98	2.04	2.02	1.90	ppb
Strontium	88-1	2.01	2.01	1.99	2.00	0.68	ppb
Sulfur	34-1	-262.91	-324.31	-389.87	-325.70		ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	1.87	1.89	1.83	1.86	1.58	ppb
Thallium	205-1	1.91	1.90	1.85	1.89	1.55	ppb
Thorium	232-1	1.86	1.86	1.85	1.86	0.15	ppb
Tin	118-1	9.92	10.00	10.02	9.98	0.52	ppb
Titanium	47-1	9.68	9.76	9.43	9.63	1.79	ppb
Uranium	238-1	1.87	1.89	1.89	1.88	0.54	ppb
Vanadium	51-2	9.79	9.58	9.63	9.67	1.16	ppb
Yttrium	89-1				106		%
Yttrium	89-2				108		%
Zinc	66-2	4.39	4.41	4.59	4.47	2.49	ppb

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	PB112866BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 16:07:39	DataFile Name :	023LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.98	1.93	1.98	1.96	1.56	ppb
Zirconium	91-1	2.04	1.96	1.88	1.96	4.13	ppb

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	J4915-01	Instrumnet Name :	P7
Client Sample ID :	MC0AE9	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 16:11:13	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	30.40	25.11	24.51	26.67	12.15	ppb
Antimony	121-1	0.31	0.34	0.34	0.33	4.81	ppb
Arsenic	75-2	0.31	0.29	0.27	0.29	6.25	ppb
Barium	135-1	93.07	92.06	93.74	92.96	0.91	ppb
Barium	137-1	92.82	92.38	92.77	92.66	0.26	ppb
Beryllium	9-1	0.15	0.15	0.19	0.16	14.16	ppb
Bismuth	209-1				109		%
Bismuth	209-2				105		%
Boron	10-1	65.61	68.51	70.34	68.16	3.50	ppb
Boron	11-1	66.89	68.91	69.85	68.55	2.20	ppb
Cadmium	111-1	0.08	0.04	0.02	0.05	69.82	ppb
Cadmium	106-1	0.01	-0.99	-1.37	-0.78		ppb
Cadmium	108-1	0.07	0.12	0.06	0.08	38.19	ppb
Calcium	43-1	32504.09	32260.79	32576.21	32447.03	0.51	ppb
Calcium	44-1	32810.62	32216.29	32667.45	32564.79	0.95	ppb
Chromium	52-2	1.59	1.59	1.63	1.60	1.52	ppb
Cobalt	59-2	0.62	0.61	0.58	0.60	3.43	ppb
Copper	63-2	9.51	9.53	9.47	9.50	0.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				110		%
Indium	115-1				115		%
Indium	115-2				111		%
Iron	56-2	1089.57	1080.01	1080.29	1083.29	0.50	ppb
Iron	57-2	1138.51	1152.38	1136.96	1142.62	0.74	ppb
Lead	206-1	0.69	0.66	0.66	0.67	2.64	ppb
Lead	207-1	0.67	0.64	0.62	0.64	3.95	ppb
Lead	208-1	0.67	0.64	0.64	0.65	3.00	ppb
Lithium	6-1				124		%
Magnesium	24-2	10197.88	10168.56	10157.91	10174.78	0.20	ppb
Manganese	55-2	364.49	365.20	363.71	364.47	0.20	ppb

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	J4915-01	Instrumnet Name :	P7
Client Sample ID :	MC0AE9	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 16:11:13	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.07	0.05	0.07	0.06	18.03	ppb
Molybdenum	95-1	0.07	0.06	0.07	0.07	13.91	ppb
Molybdenum	96-1	0.06	0.05	0.07	0.06	18.16	ppb
Molybdenum	97-1	0.05	0.06	0.07	0.06	16.03	ppb
Molybdenum	98-1	0.07	0.07	0.04	0.06	21.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	18.65	19.02	18.36	18.68	1.77	ppb
Phosphorus	31-2	21.63	28.90	21.90	24.14	17.07	ppb
Potassium	39-2	1927.89	1924.34	1916.70	1922.97	0.30	ppb
Rhodium	103-1				115		%
Rhodium	103-2				110		%
Scandium	45-1				122		%
Scandium	45-2				118		%
Selenium	77-2	2.13	2.67	2.68	2.50	12.64	ppb
Selenium	78-2	2.41	4.01	2.48	2.97	30.45	ppb
Selenium	82-1	2.44	2.29	2.51	2.41	4.60	ppb
Silicon	28-1	6953.95	6878.03	6894.88	6908.95	0.58	ppb
Silver	109-1	0.08	0.11	0.13	0.11	22.77	ppb
Silver	107-1	0.09	0.10	0.12	0.10	15.49	ppb
Sodium	23-2	41140.26	41158.37	40961.63	41086.75	0.26	ppb
Strontium	86-1	84.07	84.60	85.00	84.56	0.55	ppb
Strontium	88-1	83.79	83.38	83.33	83.50	0.30	ppb
Sulfur	34-1	18088.24	17956.00	18066.77	18037.01	0.39	ppb
Terbium	159-1				114		%
Terbium	159-2				110		%
Thallium	203-1	0.15	0.14	0.13	0.14	9.94	ppb
Thallium	205-1	0.15	0.15	0.14	0.15	5.51	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	13.21	ppb
Tin	118-1	0.12	0.13	0.13	0.13	5.12	ppb
Titanium	47-1	0.44	0.62	0.53	0.53	17.10	ppb
Uranium	238-1	0.11	0.10	0.11	0.11	4.62	ppb
Vanadium	51-2	0.61	0.62	0.59	0.61	2.99	ppb
Yttrium	89-1				117		%
Yttrium	89-2				114		%
Zinc	66-2	17.57	17.86	18.34	17.92	2.15	ppb

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	J4915-01	Instrumnet Name :	P7
Client Sample ID :	MC0AE9	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 16:11:13	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.02	0.02	0.02	16.26	ppb
Zirconium	91-1	0.01	-0.01	0.00	0.00	515.73	ppb

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	J4915-02	Instrumnet Name :	P7
Client Sample ID :	MC0AF0	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 16:14:49	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.51	18.53	18.62	18.88	2.87	ppb
Antimony	121-1	0.27	0.25	0.27	0.26	4.46	ppb
Arsenic	75-2	0.16	0.12	0.15	0.15	16.90	ppb
Barium	135-1	10.47	10.45	10.37	10.43	0.51	ppb
Barium	137-1	10.50	10.59	10.52	10.54	0.42	ppb
Beryllium	9-1	0.01	0.02	0.02	0.02	34.88	ppb
Bismuth	209-1				109		%
Bismuth	209-2				106		%
Boron	10-1	69.60	68.07	71.17	69.61	2.23	ppb
Boron	11-1	69.50	70.53	72.03	70.69	1.80	ppb
Cadmium	111-1	0.03	0.02	0.05	0.03	44.94	ppb
Cadmium	106-1	0.35	0.10	0.68	0.38	76.52	ppb
Cadmium	108-1	0.01	0.03	0.00	0.01	127.48	ppb
Calcium	43-1	3182.73	3232.91	3233.56	3216.40	0.91	ppb
Calcium	44-1	3199.82	3187.33	3203.54	3196.90	0.27	ppb
Chromium	52-2	0.33	0.35	0.32	0.33	5.20	ppb
Cobalt	59-2	0.09	0.08	0.09	0.09	2.75	ppb
Copper	63-2	0.75	0.77	0.71	0.74	3.75	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				111		%
Holmium	165-2				109		%
Indium	115-1				113		%
Indium	115-2				109		%
Iron	56-2	6.40	6.58	6.60	6.53	1.70	ppb
Iron	57-2	13.10	13.04	13.26	13.14	0.84	ppb
Lead	206-1	0.10	0.10	0.09	0.10	4.30	ppb
Lead	207-1	0.08	0.10	0.09	0.09	7.58	ppb
Lead	208-1	0.09	0.09	0.09	0.09	4.07	ppb
Lithium	6-1				120		%
Magnesium	24-2	857.27	849.96	852.81	853.34	0.43	ppb
Manganese	55-2	24.65	24.88	24.85	24.79	0.52	ppb

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	J4915-02	Instrumnet Name :	P7
Client Sample ID :	MC0AF0	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 16:14:49	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.02	0.02	0.02	38.79	ppb
Molybdenum	95-1	0.03	0.02	0.02	0.02	34.23	ppb
Molybdenum	96-1	0.02	0.02	0.01	0.02	43.35	ppb
Molybdenum	97-1	0.03	0.03	0.02	0.03	17.24	ppb
Molybdenum	98-1	0.02	0.01	0.03	0.02	31.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.48	0.46	0.41	0.45	7.95	ppb
Phosphorus	31-2	363.87	338.95	341.60	348.14	3.93	ppb
Potassium	39-2	688.76	691.49	698.72	692.99	0.74	ppb
Rhodium	103-1				113		%
Rhodium	103-2				110		%
Scandium	45-1				117		%
Scandium	45-2				113		%
Selenium	77-2	0.27	0.27	0.00	0.18	86.60	ppb
Selenium	78-2	0.27	0.05	-0.16	0.05	400.54	ppb
Selenium	82-1	-0.12	0.04	-0.23	-0.10		ppb
Silicon	28-1	3349.99	3319.29	3352.85	3340.71	0.56	ppb
Silver	109-1	0.12	0.13	0.14	0.13	6.37	ppb
Silver	107-1	0.13	0.14	0.14	0.14	6.50	ppb
Sodium	23-2	20694.59	20522.78	20608.76	20608.71	0.42	ppb
Strontium	86-1	18.92	18.62	18.65	18.73	0.87	ppb
Strontium	88-1	18.87	18.97	19.01	18.95	0.39	ppb
Sulfur	34-1	-1196.06	-1202.20	-1141.46	-1179.91		ppb
Terbium	159-1				111		%
Terbium	159-2				109		%
Thallium	203-1	0.04	0.05	0.04	0.04	10.36	ppb
Thallium	205-1	0.05	0.05	0.05	0.05	5.98	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	31.97	ppb
Tin	118-1	0.06	0.08	0.08	0.07	12.46	ppb
Titanium	47-1	0.36	0.33	0.30	0.33	9.59	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	223.87	ppb
Vanadium	51-2	0.20	0.20	0.26	0.22	13.66	ppb
Yttrium	89-1				113		%
Yttrium	89-2				111		%
Zinc	66-2	27.62	27.46	27.76	27.62	0.55	ppb

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	J4915-02	Instrumnet Name :	P7
Client Sample ID :	MC0AF0	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 16:14:49	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb
Zirconium	91-1	0.02	-0.01	0.01	0.01	265.79	ppb

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	J4915-03	Instrumnet Name :	P7
Client Sample ID :	MC0AF1	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 16:18:23	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.95	17.40	18.10	17.48	3.30	ppb
Antimony	121-1	0.20	0.18	0.19	0.19	6.46	ppb
Arsenic	75-2	0.08	0.04	0.08	0.07	29.76	ppb
Barium	135-1	20.75	19.92	20.66	20.44	2.21	ppb
Barium	137-1	20.68	20.35	20.15	20.39	1.31	ppb
Beryllium	9-1	0.02	0.02	-0.01	0.01	174.36	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Boron	10-1	48.65	47.59	48.23	48.16	1.10	ppb
Boron	11-1	50.80	49.31	49.87	49.99	1.51	ppb
Cadmium	111-1	-0.06	-0.07	-0.04	-0.06		ppb
Cadmium	106-1	-1.32	-1.44	-0.79	-1.19		ppb
Cadmium	108-1	0.01	0.08	0.11	0.07	71.94	ppb
Calcium	43-1	62940.47	60213.72	60408.87	61187.69	2.49	ppb
Calcium	44-1	62760.46	60605.87	60318.96	61228.43	2.18	ppb
Chromium	52-2	-0.02	-0.04	-0.02	-0.03		ppb
Cobalt	59-2	0.05	0.06	0.05	0.05	11.84	ppb
Copper	63-2	0.28	0.27	0.29	0.28	4.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				106		%
Indium	115-1				109		%
Indium	115-2				105		%
Iron	56-2	2.01	1.98	2.10	2.03	3.18	ppb
Iron	57-2	132.53	132.65	136.59	133.92	1.72	ppb
Lead	206-1	0.05	0.06	0.05	0.05	9.34	ppb
Lead	207-1	0.05	0.05	0.06	0.06	11.64	ppb
Lead	208-1	0.05	0.05	0.05	0.05	5.84	ppb
Lithium	6-1				115		%
Magnesium	24-2	14681.94	14676.17	14768.32	14708.81	0.35	ppb
Manganese	55-2	1.66	1.63	1.64	1.65	0.89	ppb

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	J4915-03	Instrumnet Name :	P7
Client Sample ID :	MC0AF1	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 16:18:23	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.03	0.05	0.03	56.08	ppb
Molybdenum	95-1	0.01	0.01	0.01	0.01	10.42	ppb
Molybdenum	96-1	0.01	0.01	0.02	0.01	58.16	ppb
Molybdenum	97-1	0.00	0.02	0.00	0.01	169.09	ppb
Molybdenum	98-1	0.01	0.02	0.02	0.02	32.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.80	3.87	4.02	3.90	2.96	ppb
Phosphorus	31-2	16.66	7.39	6.77	10.27	53.94	ppb
Potassium	39-2	1627.51	1628.54	1639.24	1631.76	0.40	ppb
Rhodium	103-1				108		%
Rhodium	103-2				105		%
Scandium	45-1				113		%
Scandium	45-2				111		%
Selenium	77-2	2.25	2.26	1.71	2.07	15.27	ppb
Selenium	78-2	1.39	1.83	1.52	1.58	14.36	ppb
Selenium	82-1	1.36	1.21	1.37	1.31	7.05	ppb
Silicon	28-1	6415.32	6155.33	6183.35	6251.33	2.28	ppb
Silver	109-1	0.11	0.12	0.15	0.13	17.87	ppb
Silver	107-1	0.10	0.13	0.14	0.12	13.80	ppb
Sodium	23-2	41685.58	41631.78	42039.71	41785.69	0.53	ppb
Strontium	86-1	132.72	127.88	127.79	129.46	2.18	ppb
Strontium	88-1	132.86	126.21	127.25	128.77	2.78	ppb
Sulfur	34-1	16279.04	15591.93	15643.29	15838.09	2.42	ppb
Terbium	159-1				109		%
Terbium	159-2				106		%
Thallium	203-1	0.03	0.02	0.02	0.02	30.35	ppb
Thallium	205-1	0.03	0.02	0.03	0.03	11.27	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	79.99	ppb
Tin	118-1	0.03	0.03	0.06	0.04	42.10	ppb
Titanium	47-1	0.46	0.41	0.39	0.42	8.84	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	28.18	ppb
Vanadium	51-2	0.20	0.18	0.20	0.19	5.41	ppb
Yttrium	89-1				110		%
Yttrium	89-2				108		%
Zinc	66-2	13.58	13.26	13.68	13.51	1.64	ppb

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	J4915-03	Instrumnet Name :	P7
Client Sample ID :	MC0AF1	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 16:18:23	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.01	0.01	0.01	5.67	ppb
Zirconium	91-1	0.00	0.01	0.01	0.00	90.07	ppb

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	J4915-04	Instrumnet Name :	P7
Client Sample ID :	MC0AF2	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 16:22:00	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15.06	17.40	16.60	16.35	7.26	ppb
Antimony	121-1	0.16	0.18	0.19	0.17	9.81	ppb
Arsenic	75-2	0.05	0.08	0.05	0.06	31.60	ppb
Barium	135-1	21.36	21.43	22.09	21.63	1.88	ppb
Barium	137-1	21.57	21.47	21.81	21.62	0.80	ppb
Beryllium	9-1	0.01	0.02	0.03	0.02	54.27	ppb
Bismuth	209-1				104		%
Bismuth	209-2				99		%
Boron	10-1	33.96	34.05	35.38	34.46	2.31	ppb
Boron	11-1	35.96	35.34	37.19	36.16	2.61	ppb
Cadmium	111-1	-0.04	-0.08	-0.01	-0.05		ppb
Cadmium	106-1	-0.76	-1.59	-0.30	-0.88		ppb
Cadmium	108-1	0.03	0.01	0.01	0.02	47.90	ppb
Calcium	43-1	60608.51	59803.51	60098.75	60170.26	0.68	ppb
Calcium	44-1	60818.92	60477.20	60378.16	60558.09	0.38	ppb
Chromium	52-2	0.01	0.06	0.00	0.03	120.40	ppb
Cobalt	59-2	0.12	0.12	0.11	0.11	5.21	ppb
Copper	63-2	0.32	0.33	0.32	0.32	1.91	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				109		%
Holmium	165-2				104		%
Indium	115-1				108		%
Indium	115-2				102		%
Iron	56-2	1.83	1.79	2.04	1.89	7.03	ppb
Iron	57-2	137.14	132.14	132.00	133.76	2.19	ppb
Lead	206-1	0.05	0.06	0.06	0.06	7.63	ppb
Lead	207-1	0.06	0.06	0.06	0.06	3.25	ppb
Lead	208-1	0.05	0.06	0.05	0.05	2.89	ppb
Lithium	6-1				113		%
Magnesium	24-2	15040.95	15021.60	14990.38	15017.64	0.17	ppb
Manganese	55-2	3.63	3.59	3.53	3.58	1.38	ppb

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	J4915-04	Instrumnet Name :	P7
Client Sample ID :	MC0AF2	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 16:22:00	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.00	0.02	0.01	95.18	ppb
Molybdenum	95-1	0.01	0.02	0.01	0.01	38.94	ppb
Molybdenum	96-1	0.01	0.00	0.01	0.01	57.69	ppb
Molybdenum	97-1	0.01	0.02	0.01	0.01	53.20	ppb
Molybdenum	98-1	0.00	0.01	0.01	0.01	62.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.53	2.59	2.58	2.57	1.32	ppb
Phosphorus	31-2	36.35	30.78	36.06	34.40	9.13	ppb
Potassium	39-2	1589.24	1580.11	1564.68	1578.01	0.79	ppb
Rhodium	103-1				106		%
Rhodium	103-2				102		%
Scandium	45-1				111		%
Scandium	45-2				107		%
Selenium	77-2	1.44	0.87	0.58	0.96	45.29	ppb
Selenium	78-2	0.42	0.57	1.26	0.75	59.58	ppb
Selenium	82-1	0.93	0.90	1.22	1.02	17.81	ppb
Silicon	28-1	5917.80	5898.08	5952.54	5922.80	0.47	ppb
Silver	109-1	0.10	0.12	0.11	0.11	9.10	ppb
Silver	107-1	0.12	0.12	0.11	0.11	3.85	ppb
Sodium	23-2	41840.58	41766.77	41801.28	41802.87	0.09	ppb
Strontium	86-1	127.94	128.61	130.09	128.88	0.85	ppb
Strontium	88-1	127.55	128.00	128.48	128.01	0.36	ppb
Sulfur	34-1	14928.64	14836.88	14959.39	14908.31	0.43	ppb
Terbium	159-1				108		%
Terbium	159-2				104		%
Thallium	203-1	0.02	0.01	0.01	0.01	30.00	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	25.21	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	68.53	ppb
Tin	118-1	0.05	0.05	0.07	0.06	22.58	ppb
Titanium	47-1	0.41	0.41	0.43	0.42	3.74	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	107.33	ppb
Vanadium	51-2	0.14	0.15	0.18	0.16	12.92	ppb
Yttrium	89-1				109		%
Yttrium	89-2				106		%
Zinc	66-2	8.77	8.50	8.67	8.65	1.61	ppb

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	J4915-04	Instrumnet Name :	P7
Client Sample ID :	MC0AF2	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 16:22:00	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	0.01	0.02	0.01	68.83	ppb
Zirconium	91-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	J4915-05	Instrumnet Name :	P7
Client Sample ID :	MC0AF4	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 16:25:37	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.23	21.45	20.49	21.06	2.39	ppb
Antimony	121-1	0.17	0.17	0.17	0.17	0.34	ppb
Arsenic	75-2	0.09	0.06	0.08	0.08	20.26	ppb
Barium	135-1	21.97	21.97	21.79	21.91	0.49	ppb
Barium	137-1	21.92	21.82	21.83	21.86	0.24	ppb
Beryllium	9-1	0.00	0.02	0.02	0.01	57.75	ppb
Bismuth	209-1				105		%
Bismuth	209-2				98		%
Boron	10-1	33.18	34.74	35.55	34.49	3.49	ppb
Boron	11-1	34.70	36.14	36.04	35.63	2.25	ppb
Cadmium	111-1	-0.10	-0.05	-0.03	-0.06		ppb
Cadmium	106-1	-1.84	-1.11	-0.80	-1.25		ppb
Cadmium	108-1	0.05	0.03	-0.02	0.02	179.96	ppb
Calcium	43-1	60606.34	61066.76	60928.99	60867.37	0.39	ppb
Calcium	44-1	60668.27	61065.67	61136.32	60956.75	0.41	ppb
Chromium	52-2	0.46	0.46	0.45	0.46	1.16	ppb
Cobalt	59-2	0.13	0.11	0.13	0.13	8.85	ppb
Copper	63-2	22.32	22.22	22.45	22.33	0.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				103		%
Indium	115-1				107		%
Indium	115-2				102		%
Iron	56-2	9.18	9.42	9.45	9.35	1.57	ppb
Iron	57-2	137.12	141.30	137.67	138.70	1.63	ppb
Lead	206-1	0.54	0.56	0.58	0.56	3.56	ppb
Lead	207-1	0.52	0.53	0.52	0.52	0.70	ppb
Lead	208-1	0.52	0.54	0.55	0.54	2.34	ppb
Lithium	6-1				113		%
Magnesium	24-2	14959.91	14999.25	15021.07	14993.41	0.21	ppb
Manganese	55-2	3.69	3.74	3.77	3.73	1.06	ppb

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	J4915-05	Instrumnet Name :	P7
Client Sample ID :	MC0AF4	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 16:25:37	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.04	0.01	0.02	0.03	54.32	ppb
Molybdenum	95-1	0.01	0.02	0.01	0.01	42.75	ppb
Molybdenum	96-1	0.01	0.01	0.00	0.00	132.98	ppb
Molybdenum	97-1	0.00	0.03	0.01	0.01	94.70	ppb
Molybdenum	98-1	0.00	0.01	0.01	0.01	63.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.91	3.08	2.99	2.99	2.76	ppb
Phosphorus	31-2	48.26	33.57	38.07	39.97	18.84	ppb
Potassium	39-2	1570.22	1604.52	1586.92	1587.22	1.08	ppb
Rhodium	103-1				106		%
Rhodium	103-2				101		%
Scandium	45-1				111		%
Scandium	45-2				106		%
Selenium	77-2	1.15	2.05	1.77	1.66	27.80	ppb
Selenium	78-2	0.76	1.14	0.97	0.96	20.15	ppb
Selenium	82-1	1.30	1.01	1.17	1.16	12.75	ppb
Silicon	28-1	5873.71	5907.27	5870.53	5883.84	0.35	ppb
Silver	109-1	0.12	0.12	0.12	0.12	2.52	ppb
Silver	107-1	0.11	0.10	0.13	0.11	13.16	ppb
Sodium	23-2	41422.77	41574.08	41548.33	41515.06	0.20	ppb
Strontium	86-1	126.96	129.23	130.92	129.04	1.54	ppb
Strontium	88-1	127.84	127.99	129.95	128.59	0.91	ppb
Sulfur	34-1	14660.68	15105.91	14896.28	14887.62	1.50	ppb
Terbium	159-1				109		%
Terbium	159-2				103		%
Thallium	203-1	0.00	0.01	0.01	0.01	67.74	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	17.43	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	24.48	ppb
Tin	118-1	0.08	0.12	0.09	0.10	18.79	ppb
Titanium	47-1	0.45	0.42	0.48	0.45	6.48	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	19.47	ppb
Vanadium	51-2	0.20	0.20	0.19	0.20	3.18	ppb
Yttrium	89-1				109		%
Yttrium	89-2				104		%
Zinc	66-2	21.18	21.12	21.56	21.29	1.14	ppb

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	J4915-05	Instrumnet Name :	P7
Client Sample ID :	MC0AF4	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 16:25:37	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.02	0.01	0.01	48.28	ppb
Zirconium	91-1	0.01	0.02	0.02	0.02	12.21	ppb

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	J4915-06RE	Instrumnet Name :	P7
Client Sample ID :	MC0AF5	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 16:29:14	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.97	20.91	21.82	20.90	4.43	ppb
Antimony	121-1	0.27	0.28	0.28	0.27	2.37	ppb
Arsenic	75-2	0.15	0.15	0.18	0.16	9.63	ppb
Barium	135-1	11.04	11.08	11.02	11.05	0.25	ppb
Barium	137-1	11.15	11.13	11.03	11.10	0.59	ppb
Beryllium	9-1	0.02	0.01	0.02	0.01	39.93	ppb
Bismuth	209-1				106		%
Bismuth	209-2				101		%
Boron	10-1	64.38	65.51	68.80	66.23	3.47	ppb
Boron	11-1	64.45	68.17	67.98	66.87	3.13	ppb
Cadmium	111-1	0.19	0.11	0.07	0.12	53.08	ppb
Cadmium	106-1	0.35	-0.85	-1.60	-0.70		ppb
Cadmium	108-1	0.18	0.15	0.15	0.16	11.65	ppb
Calcium	43-1	3081.66	3179.92	3165.65	3142.41	1.69	ppb
Calcium	44-1	2996.71	3155.21	3153.80	3101.91	2.94	ppb
Chromium	52-2	2.14	2.21	2.15	2.17	1.67	ppb
Cobalt	59-2	0.15	0.14	0.15	0.15	4.77	ppb
Copper	63-2	0.78	0.77	0.77	0.78	0.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				102		%
Indium	115-1				106		%
Indium	115-2				101		%
Iron	56-2	379.89	377.50	378.20	378.53	0.32	ppb
Iron	57-2	395.11	384.21	384.42	387.91	1.61	ppb
Lead	206-1	0.39	0.41	0.41	0.40	2.36	ppb
Lead	207-1	0.38	0.39	0.38	0.38	1.50	ppb
Lead	208-1	0.38	0.39	0.40	0.39	2.31	ppb
Lithium	6-1				109		%
Magnesium	24-2	831.70	833.82	828.76	831.43	0.31	ppb
Manganese	55-2	26.70	26.07	26.52	26.43	1.21	ppb

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	J4915-06RE	Instrumnet Name :	P7
Client Sample ID :	MC0AF5	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 16:29:14	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.04	0.06	0.05	0.05	20.84	ppb
Molybdenum	95-1	0.03	0.04	0.02	0.03	30.63	ppb
Molybdenum	96-1	0.02	0.03	0.04	0.03	38.37	ppb
Molybdenum	97-1	0.04	0.06	0.04	0.04	33.10	ppb
Molybdenum	98-1	0.04	0.04	0.04	0.04	5.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.95	2.15	2.04	2.05	5.01	ppb
Phosphorus	31-2	387.84	349.90	368.98	368.90	5.14	ppb
Potassium	39-2	681.62	679.71	687.21	682.85	0.57	ppb
Rhodium	103-1				106		%
Rhodium	103-2				102		%
Scandium	45-1				107		%
Scandium	45-2				103		%
Selenium	77-2	0.30	0.00	0.30	0.20	86.60	ppb
Selenium	78-2	0.55	0.15	0.21	0.30	71.83	ppb
Selenium	82-1	-0.36	-0.18	-0.23	-0.26		ppb
Silicon	28-1	3284.78	3336.45	3292.46	3304.56	0.84	ppb
Silver	109-1	0.10	0.10	0.11	0.10	4.86	ppb
Silver	107-1	0.09	0.11	0.12	0.11	11.79	ppb
Sodium	23-2	20314.00	20324.20	20349.70	20329.30	0.09	ppb
Strontium	86-1	18.11	18.39	18.20	18.23	0.79	ppb
Strontium	88-1	18.05	18.29	18.14	18.16	0.67	ppb
Sulfur	34-1	-382.44	-353.35	-404.18	-379.99		ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	0.01	0.01	0.01	0.01	50.22	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	10.52	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	201.78	ppb
Tin	118-1	0.09	0.12	0.13	0.11	18.26	ppb
Titanium	47-1	0.44	0.49	0.47	0.47	5.07	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	138.49	ppb
Vanadium	51-2	0.21	0.21	0.20	0.21	3.26	ppb
Yttrium	89-1				106		%
Yttrium	89-2				102		%
Zinc	66-2	29.76	29.68	29.32	29.59	0.78	ppb

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	J4915-06RE	Instrumnet Name :	P7
Client Sample ID :	MC0AF5	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 16:29:14	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	0.00	0.01	0.00	360.69	ppb
Zirconium	91-1	0.00	-0.01	0.00	0.00		ppb

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	J4915-07	Instrumnet Name :	P7
Client Sample ID :	MC0AF5D	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 16:32:49	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.27	18.88	18.48	18.54	1.68	ppb
Antimony	121-1	0.26	0.28	0.31	0.29	8.93	ppb
Arsenic	75-2	0.28	0.19	0.17	0.21	25.72	ppb
Barium	135-1	10.57	10.89	10.57	10.68	1.74	ppb
Barium	137-1	10.62	10.77	10.73	10.70	0.71	ppb
Beryllium	9-1	0.02	0.01	0.02	0.02	15.42	ppb
Bismuth	209-1				107		%
Bismuth	209-2				102		%
Boron	10-1	66.35	67.32	68.05	67.24	1.27	ppb
Boron	11-1	66.29	67.94	69.65	67.96	2.47	ppb
Cadmium	111-1	-0.02	-0.03	-0.04	-0.03		ppb
Cadmium	106-1	-0.47	-0.59	-0.84	-0.63		ppb
Cadmium	108-1	0.03	0.01	0.03	0.02	37.40	ppb
Calcium	43-1	3190.83	3180.63	3156.86	3176.11	0.55	ppb
Calcium	44-1	3169.31	3155.66	3158.32	3161.10	0.23	ppb
Chromium	52-2	0.03	0.04	0.05	0.04	21.59	ppb
Cobalt	59-2	0.09	0.10	0.09	0.09	6.96	ppb
Copper	63-2	0.42	0.35	0.42	0.40	9.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				103		%
Indium	115-1				107		%
Indium	115-2				102		%
Iron	56-2	2.86	2.91	2.87	2.88	0.94	ppb
Iron	57-2	8.98	7.02	10.17	8.72	18.22	ppb
Lead	206-1	0.06	0.05	0.05	0.05	8.53	ppb
Lead	207-1	0.05	0.06	0.05	0.05	7.91	ppb
Lead	208-1	0.05	0.04	0.05	0.05	4.39	ppb
Lithium	6-1				110		%
Magnesium	24-2	832.43	830.19	835.86	832.82	0.34	ppb
Manganese	55-2	25.47	24.77	25.54	25.26	1.70	ppb

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	J4915-07	Instrumnet Name :	P7
Client Sample ID :	MC0AF5D	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 16:32:49	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.00	-0.02	0.00	932.15	ppb
Molybdenum	95-1	0.01	0.01	0.01	0.01	1.02	ppb
Molybdenum	96-1	0.01	0.01	0.00	0.01	37.98	ppb
Molybdenum	97-1	0.01	0.00	0.00	0.00		ppb
Molybdenum	98-1	0.00	0.01	0.00	0.00	104.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.23	0.21	0.22	0.22	4.53	ppb
Phosphorus	31-2	353.77	351.22	374.36	359.78	3.53	ppb
Potassium	39-2	671.33	685.38	680.16	678.96	1.05	ppb
Rhodium	103-1				107		%
Rhodium	103-2				103		%
Scandium	45-1				107		%
Scandium	45-2				104		%
Selenium	77-2	1.48	0.88	0.30	0.89	66.57	ppb
Selenium	78-2	-0.25	-0.30	-0.29	-0.28		ppb
Selenium	82-1	-0.35	-0.21	-0.24	-0.27		ppb
Silicon	28-1	3304.15	3292.32	3297.75	3298.07	0.18	ppb
Silver	109-1	0.10	0.09	0.10	0.09	0.94	ppb
Silver	107-1	0.09	0.10	0.11	0.10	10.94	ppb
Sodium	23-2	20447.65	20386.88	20629.62	20488.05	0.62	ppb
Strontium	86-1	18.42	17.94	17.87	18.08	1.63	ppb
Strontium	88-1	18.25	18.14	18.09	18.16	0.44	ppb
Sulfur	34-1	-654.74	-624.54	-595.89	-625.06		ppb
Terbium	159-1				107		%
Terbium	159-2				103		%
Thallium	203-1	0.00	0.00	0.00	0.00	46.73	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	50.56	ppb
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.07	0.05	0.07	0.06	14.85	ppb
Titanium	47-1	0.38	0.46	0.34	0.39	15.62	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	174.20	ppb
Vanadium	51-2	0.15	0.16	0.19	0.17	12.12	ppb
Yttrium	89-1				107		%
Yttrium	89-2				103		%
Zinc	66-2	27.30	27.63	28.00	27.65	1.26	ppb

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	J4915-07	Instrumnet Name :	P7
Client Sample ID :	MC0AF5D	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 16:32:49	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.00	0.00	0.00	406.74	ppb
Zirconium	91-1	0.00	-0.01	-0.01	-0.01		ppb

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	J4915-06LX5	Instrumnet Name :	P7
Client Sample ID :	MC0AF5L	Dilution Factor :	5
Date & Time Acquired ::	2018-09-14 16:36:23	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.05	4.52	3.31	3.96	15.34	ppb
Antimony	121-1	0.07	0.06	0.06	0.07	10.11	ppb
Arsenic	75-2	0.05	0.01	0.01	0.02	96.37	ppb
Barium	135-1	2.05	2.14	2.20	2.13	3.41	ppb
Barium	137-1	2.11	2.15	2.21	2.16	2.43	ppb
Beryllium	9-1	0.02	0.04	0.03	0.03	26.34	ppb
Bismuth	209-1				96		%
Bismuth	209-2				91		%
Boron	10-1	21.51	22.15	22.36	22.01	2.02	ppb
Boron	11-1	22.54	23.04	22.04	22.54	2.22	ppb
Cadmium	111-1	-0.05	0.03	0.01	0.00		ppb
Cadmium	106-1	-0.94	0.53	0.23	-0.06		ppb
Cadmium	108-1	0.04	0.00	0.02	0.02	88.66	ppb
Calcium	43-1	615.19	641.53	665.81	640.84	3.95	ppb
Calcium	44-1	605.08	627.36	625.69	619.38	2.00	ppb
Chromium	52-2	0.00	0.00	0.01	0.01	115.87	ppb
Cobalt	59-2	0.02	0.01	0.01	0.01	46.88	ppb
Copper	63-2	0.17	0.15	0.12	0.15	14.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				93		%
Indium	115-1				96		%
Indium	115-2				91		%
Iron	56-2	0.87	0.88	0.88	0.88	0.98	ppb
Iron	57-2	2.30	1.92	2.64	2.29	15.79	ppb
Lead	206-1	0.02	0.01	0.01	0.01	52.94	ppb
Lead	207-1	0.02	0.03	0.01	0.02	37.95	ppb
Lead	208-1	0.01	0.01	0.02	0.01	13.99	ppb
Lithium	6-1				97		%
Magnesium	24-2	173.79	172.60	174.08	173.49	0.45	ppb
Manganese	55-2	5.35	5.20	5.22	5.26	1.59	ppb

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	J4915-06LX5	Instrumnet Name :	P7
Client Sample ID :	MC0AF5L	Dilution Factor :	5
Date & Time Acquired ::	2018-09-14 16:36:23	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	0.00	0.01	0.01	176.85	ppb
Molybdenum	95-1	0.01	0.00	0.01	0.01	52.74	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	196.20	ppb
Molybdenum	97-1	0.01	0.01	0.00	0.00	192.39	ppb
Molybdenum	98-1	0.01	0.01	0.01	0.01	25.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.05	0.04	0.06	0.05	16.46	ppb
Phosphorus	31-2	84.24	60.21	61.15	68.53	19.86	ppb
Potassium	39-2	147.21	147.19	144.17	146.19	1.20	ppb
Rhodium	103-1				97		%
Rhodium	103-2				93		%
Scandium	45-1				96		%
Scandium	45-2				92		%
Selenium	77-2	0.33	0.00	0.66	0.33	99.70	ppb
Selenium	78-2	0.22	-0.02	0.09	0.10	119.92	ppb
Selenium	82-1	-0.17	-0.07	-0.03	-0.09		ppb
Silicon	28-1	641.25	667.89	681.97	663.70	3.12	ppb
Silver	109-1	0.04	0.05	0.05	0.05	10.51	ppb
Silver	107-1	0.05	0.04	0.05	0.05	7.36	ppb
Sodium	23-2	4216.05	4231.02	4188.86	4211.98	0.51	ppb
Strontium	86-1	3.52	3.77	3.56	3.61	3.75	ppb
Strontium	88-1	3.59	3.69	3.76	3.68	2.35	ppb
Sulfur	34-1	-224.20	-92.87	-64.42	-127.16		ppb
Terbium	159-1				97		%
Terbium	159-2				93		%
Thallium	203-1	-0.01	0.00	0.00	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Thorium	232-1	0.00	0.00	0.01	0.00	15.32	ppb
Tin	118-1	0.02	0.02	0.04	0.03	44.55	ppb
Titanium	47-1	0.05	0.09	0.08	0.08	30.44	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.04	0.04	0.05	0.05	13.46	ppb
Yttrium	89-1				96		%
Yttrium	89-2				92		%
Zinc	66-2	5.05	5.06	5.04	5.05	0.23	ppb

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	J4915-06LX5	Instrumnet Name :	P7
Client Sample ID :	MC0AF5L	Dilution Factor :	5
Date & Time Acquired ::	2018-09-14 16:36:23	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.00	0.00	0.00	213.68	ppb
Zirconium	91-1	0.02	0.03	-0.01	0.01	184.59	ppb

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	J4915-08	Instrumnet Name :	P7
Client Sample ID :	MC0AF5S	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 16:39:56	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2071.50	2021.64	2017.11	2036.75	1.48	ppb
Antimony	121-1	105.48	106.03	107.06	106.19	0.76	ppb
Arsenic	75-2	46.86	46.08	46.86	46.60	0.97	ppb
Barium	135-1	2079.83	2095.75	2106.37	2093.99	0.64	ppb
Barium	137-1	2085.31	2109.38	2108.87	2101.19	0.65	ppb
Beryllium	9-1	53.74	53.00	53.76	53.50	0.82	ppb
Bismuth	209-1				106		%
Bismuth	209-2				102		%
Boron	10-1	62.54	65.16	66.86	64.85	3.36	ppb
Boron	11-1	64.17	67.57	67.83	66.52	3.08	ppb
Cadmium	111-1	57.70	57.80	57.42	57.64	0.34	ppb
Cadmium	106-1	47.59	48.60	48.07	48.09	1.05	ppb
Cadmium	108-1	49.72	51.53	51.89	51.05	2.28	ppb
Calcium	43-1	3178.80	3164.32	3154.37	3165.83	0.39	ppb
Calcium	44-1	3051.17	3016.29	3038.95	3035.47	0.58	ppb
Chromium	52-2	212.86	210.94	211.90	211.90	0.45	ppb
Cobalt	59-2	555.50	546.94	550.86	551.10	0.78	ppb
Copper	63-2	287.25	285.89	289.05	287.40	0.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				102		%
Indium	115-1				106		%
Indium	115-2				100		%
Iron	56-2	1154.30	1134.40	1141.36	1143.35	0.88	ppb
Iron	57-2	1137.42	1146.49	1156.32	1146.74	0.82	ppb
Lead	206-1	20.30	20.71	20.83	20.62	1.35	ppb
Lead	207-1	20.30	20.70	20.65	20.55	1.07	ppb
Lead	208-1	20.31	20.59	20.61	20.50	0.81	ppb
Lithium	6-1				108		%
Magnesium	24-2	836.42	821.95	829.38	829.25	0.87	ppb
Manganese	55-2	549.71	545.73	547.11	547.52	0.37	ppb

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	J4915-08	Instrumnet Name :	P7
Client Sample ID :	MC0AF5S	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 16:39:56	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.34	0.31	0.33	0.33	5.23	ppb
Molybdenum	95-1	0.45	0.45	0.48	0.46	4.19	ppb
Molybdenum	96-1	0.47	0.44	0.46	0.45	2.68	ppb
Molybdenum	97-1	0.46	0.46	0.44	0.45	2.60	ppb
Molybdenum	98-1	0.51	0.49	0.52	0.51	2.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	564.22	555.99	561.36	560.52	0.75	ppb
Phosphorus	31-2	345.95	371.71	398.09	371.92	7.01	ppb
Potassium	39-2	679.43	676.59	677.56	677.86	0.21	ppb
Rhodium	103-1				106		%
Rhodium	103-2				102		%
Scandium	45-1				105		%
Scandium	45-2				102		%
Selenium	77-2	190.28	192.50	191.31	191.36	0.58	ppb
Selenium	78-2	184.78	186.20	182.99	184.66	0.87	ppb
Selenium	82-1	180.21	180.63	183.59	181.48	1.02	ppb
Silicon	28-1	3306.77	3321.63	3326.92	3318.44	0.31	ppb
Silver	109-1	52.42	52.72	52.95	52.69	0.51	ppb
Silver	107-1	52.63	52.81	52.90	52.78	0.26	ppb
Sodium	23-2	20587.66	20248.44	20306.54	20380.88	0.89	ppb
Strontium	86-1	18.03	18.17	18.09	18.10	0.39	ppb
Strontium	88-1	18.00	18.01	18.20	18.07	0.62	ppb
Sulfur	34-1	-799.07	-749.58	-797.79	-782.15		ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	49.00	49.91	49.84	49.58	1.01	ppb
Thallium	205-1	48.99	49.86	50.17	49.67	1.24	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	246.02	ppb
Tin	118-1	0.93	0.96	0.98	0.95	2.44	ppb
Titanium	47-1	0.48	0.44	0.41	0.44	8.10	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	57.87	ppb
Vanadium	51-2	525.22	519.64	522.74	522.53	0.54	ppb
Yttrium	89-1				106		%
Yttrium	89-2				102		%
Zinc	66-2	662.30	655.30	662.84	660.15	0.64	ppb

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	J4915-08	Instrumnet Name :	P7
Client Sample ID :	MC0AF5S	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 16:39:56	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	0.01	0.00	0.01	100.75	ppb
Zirconium	91-1	0.02	0.04	0.04	0.03	33.20	ppb

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	J4915-06ARE	Instrumnet Name :	P7
Client Sample ID :	MC0AF5A	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 16:43:30	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.39	19.82	20.94	20.05	4.00	ppb
Antimony	121-1	0.26	0.28	0.28	0.27	3.97	ppb
Arsenic	75-2	0.15	0.16	0.11	0.14	18.14	ppb
Barium	135-1	10.93	10.77	11.02	10.91	1.18	ppb
Barium	137-1	11.15	10.89	10.84	10.96	1.54	ppb
Beryllium	9-1	0.00	0.01	0.02	0.01	77.43	ppb
Bismuth	209-1				107		%
Bismuth	209-2				101		%
Boron	10-1	65.15	66.45	66.64	66.08	1.23	ppb
Boron	11-1	66.36	68.32	69.53	68.07	2.35	ppb
Cadmium	111-1	0.09	0.18	0.16	0.14	32.56	ppb
Cadmium	106-1	-1.25	0.10	0.01	-0.38		ppb
Cadmium	108-1	0.17	0.18	0.15	0.17	10.35	ppb
Calcium	43-1	3162.70	3189.86	3173.19	3175.25	0.43	ppb
Calcium	44-1	3167.04	3029.06	3040.91	3079.00	2.48	ppb
Chromium	52-2	2.01	2.06	2.02	2.03	1.34	ppb
Cobalt	59-2	0.14	0.14	0.14	0.14	0.72	ppb
Copper	63-2	0.70	0.79	0.84	0.78	8.84	ppb
Dysprosium	156-1						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				102		%
Indium	115-1				106		%
Indium	115-2				99		%
Iron	56-2	352.66	357.17	354.22	354.68	0.65	ppb
Iron	57-2	366.18	358.18	370.35	364.91	1.69	ppb
Lead	206-1	0.41	0.44	0.43	0.43	3.02	ppb
Lead	207-1	0.41	0.43	0.40	0.41	3.52	ppb
Lead	208-1	0.41	0.42	0.42	0.42	1.02	ppb
Lithium	6-1				108		%
Magnesium	24-2	821.97	841.76	826.01	829.92	1.26	ppb
Manganese	55-2	26.69	26.51	26.82	26.67	0.58	ppb

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	J4915-06ARE	Instrumnet Name :	P7
Client Sample ID :	MC0AF5A	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 16:43:30	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.08	0.07	0.07	0.07	11.22	ppb
Molybdenum	95-1	0.11	0.08	0.08	0.09	17.22	ppb
Molybdenum	96-1	0.11	0.09	0.08	0.09	16.47	ppb
Molybdenum	97-1	0.12	0.09	0.07	0.09	28.23	ppb
Molybdenum	98-1	0.10	0.09	0.08	0.09	15.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.80	1.95	1.99	1.91	5.30	ppb
Phosphorus	31-2	389.83	320.40	395.61	368.61	11.35	ppb
Potassium	39-2	673.30	677.24	668.99	673.18	0.61	ppb
Rhodium	103-1				106		%
Rhodium	103-2				101		%
Scandium	45-1				106		%
Scandium	45-2				101		%
Selenium	77-2	13.78	13.61	13.34	13.58	1.66	ppb
Selenium	78-2	15.55	14.03	16.20	15.26	7.31	ppb
Selenium	82-1	13.20	13.93	12.78	13.30	4.37	ppb
Silicon	28-1	3229.86	3231.06	3269.12	3243.35	0.69	ppb
Silver	109-1	0.08	0.08	0.08	0.08	5.97	ppb
Silver	107-1	0.07	0.08	0.08	0.07	5.42	ppb
Sodium	23-2	20292.52	20360.31	20286.02	20312.95	0.20	ppb
Strontium	86-1	18.01	18.17	18.09	18.09	0.45	ppb
Strontium	88-1	17.91	17.88	18.01	17.93	0.37	ppb
Sulfur	34-1	-1000.74	-941.10	-912.81	-951.55		ppb
Terbium	159-1				107		%
Terbium	159-2				102		%
Thallium	203-1	0.02	0.02	0.01	0.02	29.19	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	1.22	ppb
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.11	0.10	0.10	0.10	5.16	ppb
Titanium	47-1	0.46	0.51	0.37	0.45	15.60	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	216.08	ppb
Vanadium	51-2	0.14	0.14	0.15	0.15	5.84	ppb
Yttrium	89-1				106		%
Yttrium	89-2				101		%
Zinc	66-2	31.09	30.95	29.78	30.61	2.35	ppb

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	J4915-06ARE	Instrumnet Name :	P7
Client Sample ID :	MC0AF5A	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 16:43:30	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.02	0.00	0.01	97.61	ppb
Zirconium	91-1	0.00	0.01	0.01	0.01	121.68	ppb

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	J4915-06	Instrumnet Name :	P7
Client Sample ID :	MC0AF5	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 16:47:15	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.48	20.06	18.90	19.48	2.97	ppb
Antimony	121-1	0.26	0.27	0.28	0.27	2.39	ppb
Arsenic	75-2	0.14	0.12	0.14	0.13	10.43	ppb
Barium	135-1	10.44	10.21	10.38	10.34	1.17	ppb
Barium	137-1	10.59	10.70	10.87	10.72	1.33	ppb
Beryllium	9-1	0.00	0.02	0.02	0.01	73.34	ppb
Bismuth	209-1				106		%
Bismuth	209-2				101		%
Boron	10-1	63.88	66.33	67.13	65.78	2.58	ppb
Boron	11-1	66.82	67.01	69.89	67.91	2.53	ppb
Cadmium	111-1	-0.05	-0.07	-0.04	-0.05		ppb
Cadmium	106-1	-0.91	-1.29	-0.75	-0.98		ppb
Cadmium	108-1	0.05	0.01	0.00	0.02	124.75	ppb
Calcium	43-1	3140.91	3162.48	3167.59	3156.99	0.45	ppb
Calcium	44-1	3161.23	3014.89	3034.18	3070.10	2.59	ppb
Chromium	52-2	0.03	0.01	0.08	0.04	80.20	ppb
Cobalt	59-2	0.10	0.09	0.08	0.09	10.24	ppb
Copper	63-2	0.39	0.38	0.36	0.38	3.42	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				106		%
Holmium	165-2				102		%
Indium	115-1				105		%
Indium	115-2				99		%
Iron	56-2	2.65	2.70	2.67	2.67	1.04	ppb
Iron	57-2	9.46	9.68	10.49	9.88	5.48	ppb
Lead	206-1	0.04	0.05	0.04	0.04	14.09	ppb
Lead	207-1	0.04	0.05	0.03	0.04	14.55	ppb
Lead	208-1	0.04	0.04	0.03	0.04	12.94	ppb
Lithium	6-1				106		%
Magnesium	24-2	824.93	821.33	824.94	823.73	0.25	ppb
Manganese	55-2	25.46	25.02	25.15	25.21	0.91	ppb

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	J4915-06	Instrumnet Name :	P7
Client Sample ID :	MC0AF5	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 16:47:15	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	0.00	-0.01	0.00		ppb
Molybdenum	95-1	0.02	0.01	0.01	0.01	46.08	ppb
Molybdenum	96-1	0.01	0.00	0.01	0.01	103.88	ppb
Molybdenum	97-1	0.01	0.01	0.01	0.01	15.62	ppb
Molybdenum	98-1	0.01	0.00	0.01	0.00	58.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.24	0.21	0.23	0.23	8.18	ppb
Phosphorus	31-2	372.47	343.74	364.56	360.26	4.12	ppb
Potassium	39-2	674.39	667.11	674.16	671.89	0.62	ppb
Rhodium	103-1				105		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				100		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.05	0.10	-0.45	-0.13		ppb
Selenium	82-1	-0.37	0.11	-0.13	-0.13		ppb
Silicon	28-1	3244.28	3231.59	3232.97	3236.28	0.22	ppb
Silver	109-1	0.07	0.08	0.08	0.08	11.89	ppb
Silver	107-1	0.23	0.07	0.08	0.13	70.61	ppb
Sodium	23-2	20406.86	20311.05	20195.98	20304.63	0.52	ppb
Strontium	86-1	17.96	18.17	18.61	18.25	1.83	ppb
Strontium	88-1	18.11	17.90	18.15	18.06	0.75	ppb
Sulfur	34-1	-886.29	-934.79	-864.44	-895.17		ppb
Terbium	159-1				106		%
Terbium	159-2				101		%
Thallium	203-1	0.00	0.00	0.00	0.00	47.03	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	68.57	ppb
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.05	0.05	0.07	0.06	18.52	ppb
Titanium	47-1	0.34	0.41	0.37	0.37	10.02	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	353.02	ppb
Vanadium	51-2	0.10	0.11	0.14	0.12	18.87	ppb
Yttrium	89-1				104		%
Yttrium	89-2				100		%
Zinc	66-2	28.48	27.15	28.14	27.92	2.47	ppb

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	J4915-06	Instrumnet Name :	P7
Client Sample ID :	MC0AF5	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 16:47:15	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	0.00	0.00	0.00	296.80	ppb
Zirconium	91-1	-0.01	0.00	0.02	0.00	1348.71	ppb

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	CCV098	Instrumnet Name :	P7
Client Sample ID :	CCV098	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 17:00:45	DataFile Name :	037CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52614.19	52258.43	52252.87	52375.17	0.40	ppb
Antimony	121-1	483.76	482.12	481.32	482.40	0.26	ppb
Arsenic	75-2	492.25	497.70	491.90	493.95	0.66	ppb
Barium	135-1	2535.71	2508.57	2515.72	2520.00	0.56	ppb
Barium	137-1	2517.53	2527.31	2510.96	2518.60	0.33	ppb
Beryllium	9-1	498.44	499.24	498.56	498.74	0.09	ppb
Bismuth	209-1				82		%
Bismuth	209-2				80		%
Boron	10-1	480.15	500.21	508.22	496.19	2.91	ppb
Boron	11-1	481.00	505.32	500.93	495.75	2.61	ppb
Cadmium	111-1	468.54	470.61	470.73	469.96	0.26	ppb
Cadmium	106-1	475.32	485.05	479.75	480.04	1.01	ppb
Cadmium	108-1	473.93	482.08	478.48	478.16	0.85	ppb
Calcium	43-1	240827.32	243318.18	241155.60	241767.03	0.56	ppb
Calcium	44-1	241001.15	242264.33	241848.52	241704.67	0.27	ppb
Chromium	52-2	507.15	505.70	505.31	506.06	0.19	ppb
Cobalt	59-2	503.53	500.63	495.64	499.94	0.80	ppb
Copper	63-2	973.47	960.96	966.72	967.05	0.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				92		%
Indium	115-1				87		%
Indium	115-2				87		%
Iron	56-2	130328.23	128621.64	129123.95	129357.94	0.68	ppb
Iron	57-2	129853.23	129639.90	128640.51	129377.88	0.50	ppb
Lead	206-1	518.39	520.36	523.62	520.79	0.51	ppb
Lead	207-1	520.02	521.22	523.91	521.72	0.38	ppb
Lead	208-1	519.37	520.72	522.86	520.99	0.34	ppb
Lithium	6-1				90		%
Magnesium	24-2	253229.54	252663.34	252111.92	252668.27	0.22	ppb
Manganese	55-2	990.39	987.35	980.68	986.14	0.50	ppb

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	CCV098	Instrumnet Name :	P7
Client Sample ID :	CCV098	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 17:00:45	DataFile Name :	037CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2557.00	2538.67	2555.68	2550.45	0.40	ppb
Molybdenum	95-1	2563.11	2567.21	2543.23	2557.85	0.50	ppb
Molybdenum	96-1	2553.61	2561.31	2535.68	2550.20	0.52	ppb
Molybdenum	97-1	2557.40	2545.52	2538.43	2547.12	0.38	ppb
Molybdenum	98-1	2548.75	2547.42	2554.70	2550.29	0.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	498.26	498.98	498.43	498.56	0.08	ppb
Phosphorus	31-2	10035.70	10119.32	9883.03	10012.69	1.20	ppb
Potassium	39-2	123772.72	122976.23	122611.42	123120.12	0.48	ppb
Rhodium	103-1				84		%
Rhodium	103-2				84		%
Scandium	45-1				93		%
Scandium	45-2				96		%
Selenium	77-2	473.28	471.20	480.42	474.96	1.02	ppb
Selenium	78-2	468.17	476.28	479.48	474.64	1.23	ppb
Selenium	82-1	471.42	474.33	472.40	472.72	0.31	ppb
Silicon	28-1	566.25	588.86	600.58	585.23	2.98	ppb
Silver	109-1	481.78	479.40	480.56	480.58	0.25	ppb
Silver	107-1	481.86	479.64	480.17	480.55	0.24	ppb
Sodium	23-2	254228.44	252374.97	251486.34	252696.58	0.55	ppb
Strontium	86-1	500.92	505.45	502.64	503.00	0.45	ppb
Strontium	88-1	506.76	507.31	506.65	506.91	0.07	ppb
Sulfur	34-1	10194.20	10226.84	10234.71	10218.58	0.21	ppb
Terbium	159-1				92		%
Terbium	159-2				92		%
Thallium	203-1	516.74	520.39	524.65	520.59	0.76	ppb
Thallium	205-1	520.94	519.67	524.83	521.81	0.52	ppb
Thorium	232-1	532.29	529.58	533.40	531.75	0.37	ppb
Tin	118-1	497.41	500.26	498.82	498.83	0.29	ppb
Titanium	47-1	2527.80	2538.01	2550.40	2538.74	0.45	ppb
Uranium	238-1	528.96	533.18	531.88	531.34	0.41	ppb
Vanadium	51-2	510.49	507.51	510.77	509.59	0.35	ppb
Yttrium	89-1				91		%
Yttrium	89-2				94		%
Zinc	66-2	940.25	932.17	940.00	937.47	0.49	ppb

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	CCV098	Instrumnet Name :	P7
Client Sample ID :	CCV098	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 17:00:45	DataFile Name :	037CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	513.87	510.68	512.43	512.33	0.31	ppb
Zirconium	91-1	501.70	501.10	500.69	501.16	0.10	ppb

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	CCB098	Instrumnet Name :	P7
Client Sample ID :	CCB098	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 17:05:52	DataFile Name :	038CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.61	0.55	0.94	0.70	30.06	ppb
Antimony	121-1	0.12	0.10	0.12	0.11	7.60	ppb
Arsenic	75-2	0.02	0.02	0.01	0.02	25.33	ppb
Barium	135-1	0.03	0.02	0.02	0.02	14.17	ppb
Barium	137-1	0.02	0.04	0.03	0.03	24.03	ppb
Beryllium	9-1	0.02	0.05	0.03	0.03	48.74	ppb
Bismuth	209-1				95		%
Bismuth	209-2				92		%
Boron	10-1	18.30	15.13	14.07	15.83	13.89	ppb
Boron	11-1	17.13	16.04	14.36	15.84	8.82	ppb
Cadmium	111-1	0.07	0.03	0.05	0.05	39.18	ppb
Cadmium	106-1	0.74	-0.01	0.49	0.40	94.90	ppb
Cadmium	108-1	0.06	0.04	-0.02	0.03	148.93	ppb
Calcium	43-1	2.93	1.34	2.95	2.41	38.32	ppb
Calcium	44-1	2.44	1.05	1.26	1.58	47.56	ppb
Chromium	52-2	-0.02	0.01	0.00	0.00		ppb
Cobalt	59-2	0.01	0.01	0.00	0.01	33.64	ppb
Copper	63-2	0.03	0.06	0.06	0.05	34.62	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				94		%
Indium	115-1				97		%
Indium	115-2				94		%
Iron	56-2	3.80	3.75	3.72	3.76	1.15	ppb
Iron	57-2	3.84	3.87	3.68	3.80	2.64	ppb
Lead	206-1	0.02	0.03	0.03	0.03	5.59	ppb
Lead	207-1	0.04	0.03	0.03	0.03	19.23	ppb
Lead	208-1	0.03	0.03	0.03	0.03	4.73	ppb
Lithium	6-1				98		%
Magnesium	24-2	3.96	3.66	3.83	3.82	3.99	ppb
Manganese	55-2	0.02	0.03	0.02	0.02	26.67	ppb

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	CCB098	Instrumnet Name :	P7
Client Sample ID :	CCB098	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 17:05:52	DataFile Name :	038CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.16	0.12	0.14	0.14	15.88	ppb
Molybdenum	95-1	0.16	0.15	0.12	0.14	13.46	ppb
Molybdenum	96-1	0.17	0.14	0.13	0.15	12.53	ppb
Molybdenum	97-1	0.11	0.17	0.13	0.14	19.58	ppb
Molybdenum	98-1	0.16	0.13	0.12	0.14	16.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.01	0.01	0.01	39.14	ppb
Phosphorus	31-2	-12.84	-7.48	-5.45	-8.59		ppb
Potassium	39-2	5.72	4.93	5.07	5.24	8.04	ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	77-2	0.00	0.32	0.00	0.11	173.21	ppb
Selenium	78-2	-0.39	-0.08	0.43	-0.01		ppb
Selenium	82-1	-0.31	-0.01	-0.30	-0.21		ppb
Silicon	28-1	2.02	0.75	0.28	1.02	88.36	ppb
Silver	109-1	0.05	0.04	0.04	0.04	5.44	ppb
Silver	107-1	0.03	0.05	0.04	0.04	22.41	ppb
Sodium	23-2	21.03	21.71	22.08	21.61	2.47	ppb
Strontium	86-1	0.04	0.00	0.03	0.02	83.12	ppb
Strontium	88-1	0.01	0.01	0.00	0.01	45.91	ppb
Sulfur	34-1	-155.51	-332.06	-327.20	-271.59		ppb
Terbium	159-1				96		%
Terbium	159-2				94		%
Thallium	203-1	0.05	0.04	0.06	0.05	14.11	ppb
Thallium	205-1	0.05	0.05	0.04	0.05	12.30	ppb
Thorium	232-1	0.07	0.06	0.06	0.06	7.78	ppb
Tin	118-1	0.10	0.06	0.05	0.07	44.01	ppb
Titanium	47-1	0.02	0.03	0.00	0.02	65.33	ppb
Uranium	238-1	0.01	0.01	0.00	0.01	19.79	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	20.72	ppb
Yttrium	89-1				97		%
Yttrium	89-2				96		%
Zinc	66-2	0.09	0.02	0.10	0.07	62.78	ppb

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	CCB098	Instrumnet Name :	P7
Client Sample ID :	CCB098	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 17:05:52	DataFile Name :	038CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.04	0.04	0.03	0.03	23.17	ppb
Zirconium	91-1	0.03	0.01	0.04	0.03	48.17	ppb

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	J4915-06A	Instrumnet Name :	P7
Client Sample ID :	MC0AF5A	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 17:09:26	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.27	19.89	19.21	20.12	5.23	ppb
Antimony	121-1	0.56	0.52	0.49	0.52	7.11	ppb
Arsenic	75-2	0.16	0.14	0.15	0.15	8.13	ppb
Barium	135-1	11.65	10.85	10.86	11.12	4.11	ppb
Barium	137-1	12.08	10.67	10.94	11.23	6.69	ppb
Beryllium	9-1	0.00	0.01	0.02	0.01	53.59	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Boron	10-1	71.33	65.53	68.93	68.60	4.25	ppb
Boron	11-1	72.29	69.03	71.30	70.88	2.36	ppb
Cadmium	111-1	0.03	0.07	-0.03	0.02	197.40	ppb
Cadmium	106-1	-0.89	-0.38	-1.91	-1.06		ppb
Cadmium	108-1	0.13	0.17	0.14	0.15	12.91	ppb
Calcium	43-1	3415.70	3103.69	3132.13	3217.17	5.36	ppb
Calcium	44-1	3480.19	3131.58	3148.65	3253.47	6.04	ppb
Chromium	52-2	0.77	0.79	0.80	0.78	1.91	ppb
Cobalt	59-2	0.12	0.10	0.12	0.11	11.32	ppb
Copper	63-2	0.55	0.56	0.54	0.55	1.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				106		%
Indium	115-1				108		%
Indium	115-2				105		%
Iron	56-2	133.93	135.17	131.88	133.66	1.24	ppb
Iron	57-2	145.95	137.76	137.14	140.28	3.50	ppb
Lead	206-1	0.23	0.20	0.21	0.21	7.83	ppb
Lead	207-1	0.21	0.18	0.19	0.19	5.80	ppb
Lead	208-1	0.21	0.18	0.19	0.19	6.56	ppb
Lithium	6-1				112		%
Magnesium	24-2	830.12	831.99	822.13	828.08	0.63	ppb
Manganese	55-2	25.51	25.43	25.43	25.45	0.18	ppb

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	J4915-06A	Instrumnet Name :	P7
Client Sample ID :	MC0AF5A	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 17:09:26	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.04	0.05	0.05	0.05	1.99	ppb
Molybdenum	95-1	0.06	0.06	0.05	0.05	7.01	ppb
Molybdenum	96-1	0.06	0.06	0.06	0.06	1.99	ppb
Molybdenum	97-1	0.08	0.05	0.05	0.06	25.61	ppb
Molybdenum	98-1	0.04	0.06	0.05	0.05	15.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.84	0.87	0.77	0.82	5.91	ppb
Phosphorus	31-2	398.64	388.44	385.11	390.73	1.80	ppb
Potassium	39-2	683.31	685.80	675.90	681.67	0.76	ppb
Rhodium	103-1				109		%
Rhodium	103-2				107		%
Scandium	45-1				110		%
Scandium	45-2				107		%
Selenium	77-2	11.75	10.92	15.00	12.56	17.16	ppb
Selenium	78-2	13.24	12.48	13.29	13.01	3.49	ppb
Selenium	82-1	14.24	13.45	13.05	13.58	4.45	ppb
Silicon	28-1	3659.62	3289.36	3318.20	3422.39	6.02	ppb
Silver	109-1	0.11	0.11	0.10	0.10	4.26	ppb
Silver	107-1	0.10	0.11	0.10	0.10	3.90	ppb
Sodium	23-2	20409.81	20477.21	20136.61	20341.21	0.89	ppb
Strontium	86-1	19.63	18.18	18.14	18.65	4.55	ppb
Strontium	88-1	19.59	17.90	18.06	18.52	5.04	ppb
Sulfur	34-1	-751.02	-1108.19	-1064.87	-974.69		ppb
Terbium	159-1				108		%
Terbium	159-2				107		%
Thallium	203-1	0.12	0.09	0.06	0.09	31.79	ppb
Thallium	205-1	0.11	0.09	0.09	0.10	14.86	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	10.23	ppb
Tin	118-1	0.12	0.11	0.09	0.11	14.46	ppb
Titanium	47-1	0.50	0.35	0.48	0.44	18.39	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	11.31	ppb
Vanadium	51-2	0.08	0.12	0.10	0.10	19.19	ppb
Yttrium	89-1				108		%
Yttrium	89-2				106		%
Zinc	66-2	83.28	84.69	83.95	83.97	0.84	ppb

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	J4915-06A	Instrumnet Name :	P7
Client Sample ID :	MC0AF5A	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 17:09:26	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.01	0.01	0.01	9.77	ppb
Zirconium	91-1	0.00	0.00	0.01	0.00	115.54	ppb

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	CCV099	Instrumnet Name :	P7
Client Sample ID :	CCV099	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 17:13:00	DataFile Name :	040CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53129.86	53157.20	53364.99	53217.35	0.24	ppb
Antimony	121-1	492.59	488.99	494.99	492.19	0.61	ppb
Arsenic	75-2	503.56	500.13	498.43	500.71	0.52	ppb
Barium	135-1	2553.30	2520.74	2555.32	2543.12	0.76	ppb
Barium	137-1	2542.97	2513.41	2536.47	2530.95	0.61	ppb
Beryllium	9-1	499.74	502.02	501.58	501.11	0.24	ppb
Bismuth	209-1				83		%
Bismuth	209-2				81		%
Boron	10-1	491.21	506.34	508.83	502.13	1.90	ppb
Boron	11-1	488.43	501.24	514.11	501.26	2.56	ppb
Cadmium	111-1	475.60	470.85	478.30	474.92	0.79	ppb
Cadmium	106-1	487.68	484.55	499.64	490.62	1.62	ppb
Cadmium	108-1	482.70	478.90	479.22	480.27	0.44	ppb
Calcium	43-1	242154.38	241507.03	244313.78	242658.40	0.61	ppb
Calcium	44-1	241538.75	241894.48	245476.50	242969.91	0.90	ppb
Chromium	52-2	509.03	511.20	510.09	510.11	0.21	ppb
Cobalt	59-2	504.37	503.11	500.45	502.64	0.40	ppb
Copper	63-2	969.36	964.79	969.17	967.77	0.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				92		%
Indium	115-1				89		%
Indium	115-2				88		%
Iron	56-2	130716.21	129747.99	129936.46	130133.55	0.39	ppb
Iron	57-2	130281.88	130084.68	130575.66	130314.07	0.19	ppb
Lead	206-1	515.83	517.28	522.16	518.42	0.64	ppb
Lead	207-1	522.15	521.80	518.93	520.96	0.34	ppb
Lead	208-1	521.40	518.97	519.94	520.10	0.24	ppb
Lithium	6-1				94		%
Magnesium	24-2	254654.16	254581.52	256214.85	255150.18	0.36	ppb
Manganese	55-2	992.81	989.80	989.84	990.82	0.17	ppb

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	CCV099	Instrumnet Name :	P7
Client Sample ID :	CCV099	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 17:13:00	DataFile Name :	040CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2553.63	2567.83	2553.70	2558.39	0.32	ppb
Molybdenum	95-1	2564.78	2567.99	2554.02	2562.27	0.29	ppb
Molybdenum	96-1	2562.96	2542.45	2551.61	2552.34	0.40	ppb
Molybdenum	97-1	2555.65	2546.15	2554.19	2551.99	0.20	ppb
Molybdenum	98-1	2563.39	2552.31	2563.88	2559.86	0.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	496.26	499.97	499.98	498.74	0.43	ppb
Phosphorus	31-2	10172.63	9926.58	10358.34	10152.51	2.13	ppb
Potassium	39-2	124478.36	124187.53	125346.33	124670.74	0.48	ppb
Rhodium	103-1				86		%
Rhodium	103-2				86		%
Scandium	45-1				96		%
Scandium	45-2				98		%
Selenium	77-2	486.89	496.11	484.34	489.11	1.27	ppb
Selenium	78-2	484.91	481.56	489.00	485.16	0.77	ppb
Selenium	82-1	471.88	475.64	476.06	474.53	0.48	ppb
Silicon	28-1	579.21	594.32	614.14	595.89	2.94	ppb
Silver	109-1	492.20	482.21	489.26	487.89	1.05	ppb
Silver	107-1	489.56	480.03	484.94	484.84	0.98	ppb
Sodium	23-2	255997.70	253458.96	254732.73	254729.80	0.50	ppb
Strontium	86-1	500.22	507.92	503.59	503.91	0.77	ppb
Strontium	88-1	508.75	512.95	506.62	509.44	0.63	ppb
Sulfur	34-1	10187.46	10094.15	10349.41	10210.34	1.26	ppb
Terbium	159-1				93		%
Terbium	159-2				92		%
Thallium	203-1	522.16	517.55	522.64	520.79	0.54	ppb
Thallium	205-1	518.89	518.92	524.22	520.68	0.59	ppb
Thorium	232-1	531.71	531.53	534.68	532.64	0.33	ppb
Tin	118-1	508.39	501.11	508.27	505.92	0.82	ppb
Titanium	47-1	2544.30	2532.70	2555.16	2544.05	0.44	ppb
Uranium	238-1	532.74	528.58	534.26	531.86	0.55	ppb
Vanadium	51-2	511.76	513.54	513.42	512.90	0.19	ppb
Yttrium	89-1				93		%
Yttrium	89-2				96		%
Zinc	66-2	936.83	929.82	941.36	936.00	0.62	ppb

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	CCV099	Instrumnet Name :	P7
Client Sample ID :	CCV099	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 17:13:00	DataFile Name :	040CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	514.17	513.18	515.66	514.34	0.24	ppb
Zirconium	91-1	498.23	504.44	505.86	502.84	0.81	ppb

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	CCB099	Instrumnet Name :	P7
Client Sample ID :	CCB099	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 17:18:10	DataFile Name :	041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.10	-0.04	-0.10	-0.08		ppb
Antimony	121-1	0.09	0.07	0.09	0.08	11.14	ppb
Arsenic	75-2	0.01	0.01	0.01	0.01	22.40	ppb
Barium	135-1	0.00	0.00	0.00	0.00	54.50	ppb
Barium	137-1	-0.01	0.00	0.00	0.00		ppb
Beryllium	9-1	0.02	0.03	0.03	0.03	15.86	ppb
Bismuth	209-1				96		%
Bismuth	209-2				94		%
Boron	10-1	17.48	15.54	15.56	16.19	6.90	ppb
Boron	11-1	16.87	16.18	15.30	16.12	4.89	ppb
Cadmium	111-1	-0.01	-0.01	0.01	0.00		ppb
Cadmium	106-1	-0.48	-0.54	-0.06	-0.36		ppb
Cadmium	108-1	0.00	0.02	0.11	0.04	135.62	ppb
Calcium	43-1	2.86	1.56	0.06	1.50	93.66	ppb
Calcium	44-1	0.30	0.06	-0.18	0.06	412.58	ppb
Chromium	52-2	-0.09	-0.06	-0.09	-0.08		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	553.96	ppb
Copper	63-2	0.00	-0.03	-0.02	-0.02		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				96		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	56-2	0.27	0.15	0.22	0.21	27.68	ppb
Iron	57-2	0.51	0.53	0.22	0.42	41.96	ppb
Lead	206-1	0.01	0.02	0.01	0.02	10.86	ppb
Lead	207-1	0.03	0.04	0.03	0.03	15.63	ppb
Lead	208-1	0.02	0.02	0.02	0.02	15.43	ppb
Lithium	6-1				103		%
Magnesium	24-2	0.96	0.88	1.00	0.94	6.60	ppb
Manganese	55-2	0.00	0.00	0.01	0.00	157.67	ppb

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	CCB099	Instrumnet Name :	P7
Client Sample ID :	CCB099	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 17:18:10	DataFile Name :	041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.15	0.08	0.10	0.11	33.22	ppb
Molybdenum	95-1	0.13	0.13	0.12	0.13	3.43	ppb
Molybdenum	96-1	0.13	0.14	0.11	0.13	11.07	ppb
Molybdenum	97-1	0.12	0.15	0.11	0.13	16.52	ppb
Molybdenum	98-1	0.13	0.10	0.11	0.11	13.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.02	-0.02	-0.02		ppb
Phosphorus	31-2	-5.06	-3.87	-4.17	-4.37		ppb
Potassium	39-2	3.98	4.06	3.81	3.95	3.24	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.03	0.44	0.67	0.38	85.51	ppb
Selenium	82-1	-0.48	0.12	-0.31	-0.22		ppb
Silicon	28-1	-2.09	-1.57	-1.60	-1.75		ppb
Silver	109-1	0.04	0.04	0.03	0.03	12.88	ppb
Silver	107-1	0.03	0.04	0.04	0.04	6.14	ppb
Sodium	23-2	17.20	17.13	16.69	17.01	1.62	ppb
Strontium	86-1	0.01	0.00	0.05	0.02	130.89	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	95.68	ppb
Sulfur	34-1	-377.43	-384.74	-318.89	-360.36		ppb
Terbium	159-1				97		%
Terbium	159-2				97		%
Thallium	203-1	0.04	0.04	0.04	0.04	2.78	ppb
Thallium	205-1	0.05	0.04	0.03	0.04	20.53	ppb
Thorium	232-1	0.04	0.03	0.04	0.04	11.53	ppb
Tin	118-1	-0.13	-0.10	-0.12	-0.12		ppb
Titanium	47-1	0.00	0.02	-0.02	0.00	22496.79	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	58.11	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	13.38	ppb
Yttrium	89-1				99		%
Yttrium	89-2				99		%
Zinc	66-2	0.25	0.29	0.33	0.29	12.96	ppb

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	CCB099	Instrumnet Name :	P7
Client Sample ID :	CCB099	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 17:18:10	DataFile Name :	041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.02	0.02	0.02	18.91	ppb
Zirconium	91-1	0.00	0.01	0.02	0.01	108.26	ppb

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 14:34:40	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	58	58	56	8.67	cps
Antimony	121-1	92	83	92	89	5.41	cps
Arsenic	75-2	4	0	7	4	100.05	cps
Barium	135-1	33	33	50	39	24.75	cps
Barium	137-1	150	92	75	106	37.31	cps
Beryllium	9-1	72	61	67	67	8.33	cps
Bismuth	209-1	13097195	13090895	13150912	13113001	0.25	cps
Bismuth	209-2	7499711	7490798	7501102	7497204	0.07	cps
Boron	10-1	867	1067	983	972	10.33	cps
Boron	11-1	4526	4609	4526	4554	1.06	cps
Cadmium	111-1	2569	2272	2456	2432	6.15	cps
Cadmium	106-1	5134	4559	4909	4868	5.95	cps
Cadmium	108-1	4	17	4	8	86.57	cps
Calcium	43-1	208	192	133	178	22.15	cps
Calcium	44-1	9787	9787	9854	9810	0.39	cps
Chromium	52-2	1190	1043	1160	1131	6.85	cps
Cobalt	59-2	77	87	57	73	20.83	cps
Copper	63-2	1680	1660	1640	1660	1.21	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	3	3	10	6	69.34	cps
Erbium	164-1	42	17	83	47	71.32	cps
Erbium	164-2	27	20	33	27	24.99	cps
Gadolinium	160-1	92	67	58	72	24.02	cps
Gadolinium	160-2	220	253	263	246	9.24	cps
Holmium	165-1	19920741	19889778	19939640	19916720	0.13	cps
Holmium	165-2	10291817	10279051	10255170	10275346	0.18	cps
Indium	115-1	14912069	14878602	14794167	14861613	0.41	cps
Indium	115-2	2925075	2945205	2954102	2941461	0.51	cps
Iron	56-2	5546	5229	5379	5384	2.94	cps
Iron	57-2	217	211	239	222	6.62	cps
Lead	206-1	372	489	483	448	14.69	cps
Lead	207-1	311	400	300	337	16.26	cps
Lead	208-1	1700	1917	1889	1835	6.42	cps
Lithium	6-1	5622129	5641672	5631504	5631768	0.17	cps
Magnesium	24-2	167	233	150	183	24.05	cps
Manganese	55-2	83	73	83	80	7.22	cps

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 14:34:40	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	533	608	350	497	26.73	cps
Molybdenum	95-1	75	83	75	78	6.19	cps
Molybdenum	96-1	167	217	225	203	15.56	cps
Molybdenum	97-1	75	75	42	64	30.12	cps
Molybdenum	98-1	117	142	150	136	12.75	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	127	93	80	100	24.04	cps
Phosphorus	31-2	150	108	217	158	34.51	cps
Potassium	39-2	17753	18028	17711	17831	0.97	cps
Rhodium	103-1	13630797	13571572	13722576	13641648	0.56	cps
Rhodium	103-2	6745097	6714131	6722350	6727193	0.24	cps
Scandium	45-1	9879829	9824213	9868885	9857642	0.30	cps
Scandium	45-2	460014	458668	462420	460367	0.41	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	52	69	74	65	17.85	cps
Selenium	82-1	97	90	-21	55	118.95	cps
Silicon	28-1	292832	296296	295845	294991	0.64	cps
Silver	109-1	117	100	142	119	17.56	cps
Silver	107-1	150	133	200	161	21.53	cps
Sodium	23-2	18746	18821	19597	19054	2.47	cps
Strontium	86-1	592	592	567	583	2.47	cps
Strontium	88-1	192	242	192	208	13.86	cps
Sulfur	34-1	278983	279243	275368	277865	0.78	cps
Terbium	159-1	20396000	20248129	20454846	20366325	0.52	cps
Terbium	159-2	10108038	10118675	10152700	10126471	0.23	cps
Thallium	203-1	150	200	167	172	14.78	cps
Thallium	205-1	400	358	392	383	5.75	cps
Thorium	232-1	372	283	233	296	23.74	cps
Tin	118-1	2867	3059	2809	2912	4.49	cps
Titanium	47-1	100	167	100	122	31.49	cps
Uranium	238-1	33	50	92	58	51.51	cps
Vanadium	51-2	3	7	10	7	50.03	cps
Yttrium	89-1	15585266	15476975	15624994	15562412	0.49	cps
Yttrium	89-2	2285201	2300534	2309346	2298360	0.53	cps
Zinc	66-2	457	440	453	450	1.96	cps

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 14:34:40	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1275	1158	1333	1256	7.10	cps
Zirconium	91-1	225	325	283	278	18.08	cps

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 14:43:14	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3300	3309	2984	3198	5.80	cps
Antimony	121-1	23896	23954	24839	24230	2.18	cps
Arsenic	75-2	450	461	454	455	1.24	cps
Barium	135-1	32890	32163	32205	32419	1.26	cps
Barium	137-1	56892	56014	54817	55908	1.86	cps
Beryllium	9-1	3295	3534	3334	3388	3.78	cps
Bismuth	209-1	13168959	11015175	12925208	12369781	9.53	cps
Bismuth	209-2	7526753	7526990	7155462	7403068	2.90	cps
Boron	10-1	12264	12722	13240	12742	3.83	cps
Boron	11-1	60028	62580	61191	61267	2.09	cps
Cadmium	111-1	5745	5202	5445	5464	4.98	cps
Cadmium	106-1	5551	4276	4693	4840	13.44	cps
Cadmium	108-1	313	254	175	247	27.92	cps
Calcium	43-1	20707	21925	20982	21205	3.01	cps
Calcium	44-1	346143	344621	345972	345579	0.24	cps
Chromium	52-2	10707	10521	10397	10542	1.48	cps
Cobalt	59-2	7119	6892	7145	7052	1.98	cps
Copper	63-2	11688	11331	11388	11469	1.67	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	3	7	7	6	34.70	cps
Erbium	164-1	108	33	117	86	53.30	cps
Erbium	164-2	43	53	37	44	18.87	cps
Gadolinium	160-1	108	83	167	119	35.80	cps
Gadolinium	160-2	250	230	233	238	4.51	cps
Holmium	165-1	19955620	16898758	19701034	18851804	9.00	cps
Holmium	165-2	10437695	10441395	9823728	10234272	3.47	cps
Indium	115-1	14965146	12629628	14708371	14101048	9.08	cps
Indium	115-2	2963049	2967319	2785653	2905340	3.57	cps
Iron	56-2	188273	186755	189896	188308	0.83	cps
Iron	57-2	4768	4734	5001	4834	3.01	cps
Lead	206-1	12106	11755	12050	11970	1.57	cps
Lead	207-1	10838	10949	10738	10842	0.98	cps
Lead	208-1	48664	48720	48291	48558	0.48	cps
Lithium	6-1	5650702	4787115	5582798	5340205	8.99	cps
Magnesium	24-2	177606	177766	181081	178818	1.10	cps
Manganese	55-2	2680	2950	2774	2801	4.90	cps

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 14:43:14	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	28396	26375	27486	27419	3.69	cps
Molybdenum	95-1	33507	32939	33189	33212	0.86	cps
Molybdenum	96-1	35595	37316	37007	36640	2.50	cps
Molybdenum	97-1	20557	20532	20833	20641	0.81	cps
Molybdenum	98-1	52205	52949	52045	52400	0.92	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	2084	1940	2134	2052	4.89	cps
Phosphorus	31-2	175	217	217	203	11.86	cps
Potassium	39-2	178546	177448	180163	178719	0.76	cps
Rhodium	103-1	13960871	11656411	13598739	13072007	9.48	cps
Rhodium	103-2	6849952	6860526	6433829	6714769	3.62	cps
Scandium	45-1	10005651	8515115	9887783	9469516	8.75	cps
Scandium	45-2	467966	470297	444839	461034	3.05	cps
Selenium	77-2	63	70	40	58	27.26	cps
Selenium	78-2	261	293	252	269	7.95	cps
Selenium	82-1	1306	1145	1272	1241	6.85	cps
Silicon	28-1	431045	434937	435024	433669	0.52	cps
Silver	109-1	15901	16260	16368	16177	1.51	cps
Silver	107-1	17278	16735	16619	16877	2.08	cps
Sodium	23-2	358364	363303	361078	360915	0.69	cps
Strontium	86-1	4709	5268	5009	4996	5.60	cps
Strontium	88-1	36865	37951	39205	38007	3.08	cps
Sulfur	34-1	275278	273593	277437	275436	0.70	cps
Terbium	159-1	20460270	17251208	20124667	19278715	9.15	cps
Terbium	159-2	10247174	10293583	9686667	10075808	3.35	cps
Thallium	203-1	13491	14742	13899	14044	4.54	cps
Thallium	205-1	32942	33585	33527	33351	1.07	cps
Thorium	232-1	50860	50938	49806	50535	1.25	cps
Tin	118-1	57828	55979	56690	56832	1.64	cps
Titanium	47-1	9745	10079	10137	9987	2.12	cps
Uranium	238-1	49235	50641	49738	49871	1.43	cps
Vanadium	51-2	17214	17731	17527	17491	1.49	cps
Yttrium	89-1	15582104	13113505	15417956	14704522	9.39	cps
Yttrium	89-2	2334383	2355671	2220315	2303456	3.16	cps
Zinc	66-2	1857	2017	1757	1877	6.99	cps

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P7
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 14:43:14	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	24806	23971	24488	24422	1.73	cps
Zirconium	91-1	5059	5318	5401	5259	3.39	cps

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 14:47:08	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	151963	149029	138359	146450	4.89	cps
Antimony	121-1	657730	642509	640313	646851	1.47	cps
Arsenic	75-2	22920	22423	20928	22090	4.69	cps
Barium	135-1	858880	845307	844183	849457	0.96	cps
Barium	137-1	1477229	1459802	1450500	1462511	0.93	cps
Beryllium	9-1	183202	179959	178188	180449	1.41	cps
Bismuth	209-1	13448810	13144021	13057986	13216939	1.55	cps
Bismuth	209-2	7343473	7468035	7442604	7418037	0.89	cps
Boron	10-1	26733	27927	27993	27551	2.57	cps
Boron	11-1	127105	127879	127870	127618	0.35	cps
Cadmium	111-1	179705	179237	178610	179184	0.31	cps
Cadmium	106-1	24163	23838	23195	23732	2.08	cps
Cadmium	108-1	13678	13298	13369	13448	1.50	cps
Calcium	43-1	226662	218280	219995	221646	2.00	cps
Calcium	44-1	3644190	3588438	3549697	3594108	1.32	cps
Chromium	52-2	220068	213255	198978	210767	5.11	cps
Cobalt	59-2	350472	339897	321270	337213	4.38	cps
Copper	63-2	491353	476546	446909	471603	4.80	cps
Dysprosium	156-1	8	33	42	28	62.46	cps
Dysprosium	156-2	17	17	23	19	20.36	cps
Erbium	164-1	50	75	25	50	50.00	cps
Erbium	164-2	37	20	30	29	29.04	cps
Gadolinium	160-1	92	75	158	108	40.71	cps
Gadolinium	160-2	197	283	253	244	18.01	cps
Holmium	165-1	20461661	20203832	20024295	20229929	1.09	cps
Holmium	165-2	10188834	10421010	10270773	10293539	1.14	cps
Indium	115-1	15197000	14903544	14867218	14989254	1.21	cps
Indium	115-2	2860826	2891386	2891108	2881107	0.61	cps
Iron	56-2	8969086	8714370	8049478	8577644	5.54	cps
Iron	57-2	224428	218401	203767	215532	4.93	cps
Lead	206-1	598513	588912	579418	588948	1.62	cps
Lead	207-1	542522	535346	532584	536817	0.96	cps
Lead	208-1	2425276	2385278	2370179	2393578	1.19	cps
Lithium	6-1	5740154	5644284	5605127	5663188	1.23	cps
Magnesium	24-2	1782243	1735308	1646639	1721397	4.00	cps
Manganese	55-2	261504	254853	239846	252068	4.40	cps

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 14:47:08	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1401252	1373058	1375027	1383112	1.14	cps
Molybdenum	95-1	1708206	1679588	1681962	1689919	0.94	cps
Molybdenum	96-1	1883255	1849902	1847629	1860262	1.07	cps
Molybdenum	97-1	1075606	1059188	1051989	1062261	1.14	cps
Molybdenum	98-1	2681975	2657543	2617361	2652293	1.23	cps
Neodymium	150-1	20	67	67	51	52.72	cps
Neodymium	150-2	7	3	10	7	50.03	cps
Nickel	60-2	93244	90235	85243	89574	4.51	cps
Phosphorus	31-2	8269	8044	8261	8191	1.56	cps
Potassium	39-2	831164	824146	798907	818072	2.07	cps
Rhodium	103-1	14002205	13836761	13666513	13835160	1.21	cps
Rhodium	103-2	6614251	6682679	6621770	6639567	0.57	cps
Scandium	45-1	10169542	9974039	9885532	10009704	1.45	cps
Scandium	45-2	458758	463725	459780	460754	0.57	cps
Selenium	77-2	590	603	570	588	2.85	cps
Selenium	78-2	2100	2100	1874	2025	6.44	cps
Selenium	82-1	13161	12516	13083	12920	2.73	cps
Silicon	28-1	756660	756641	751106	754803	0.42	cps
Silver	109-1	866569	851571	845320	854487	1.28	cps
Silver	107-1	906704	881385	887466	891852	1.48	cps
Sodium	23-2	3479565	3428984	3299955	3402834	2.72	cps
Strontium	86-1	224316	223925	220932	223058	0.83	cps
Strontium	88-1	1922248	1906531	1896432	1908403	0.68	cps
Sulfur	34-1	349431	341492	345444	345456	1.15	cps
Terbium	159-1	20853434	20461603	20365729	20560255	1.26	cps
Terbium	159-2	10087812	10196538	10158523	10147625	0.54	cps
Thallium	203-1	729237	726539	721298	725691	0.56	cps
Thallium	205-1	1724652	1717674	1706935	1716420	0.52	cps
Thorium	232-1	2568828	2543169	2539585	2550527	0.63	cps
Tin	118-1	573554	566373	560227	566718	1.18	cps
Titanium	47-1	501400	495405	492845	496550	0.88	cps
Uranium	238-1	2490118	2451398	2462079	2467865	0.81	cps
Vanadium	51-2	177051	173989	161954	170998	4.67	cps
Yttrium	89-1	15932913	15609751	15463254	15668640	1.53	cps
Yttrium	89-2	2319529	2356642	2339069	2338414	0.79	cps
Zinc	66-2	73279	70335	66772	70129	4.65	cps

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P7
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 14:47:08	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1168153	1155429	1148229	1157270	0.87	cps
Zirconium	91-1	262964	261209	260997	261723	0.41	cps

LB Number : LB97934 Operator : Jaswal
 Lab Sample ID : S04 Instrumnet Name : P7
 Client Sample ID : S04 Dilution Factor : 1
 Date & Time Acquired :: 2018-09-14 14:51:41 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	380660	380264	374902	378609	0.85	cps
Antimony	121-1	1570562	1570082	1570852	1570498	0.02	cps
Arsenic	75-2	56716	56799	55907	56474	0.87	cps
Barium	135-1	2072523	2057623	2062189	2064112	0.37	cps
Barium	137-1	3596085	3588126	3572193	3585468	0.34	cps
Beryllium	9-1	440702	438610	441249	440187	0.32	cps
Bismuth	209-1	13143211	13097485	13139601	13126766	0.19	cps
Bismuth	209-2	7483917	7416126	7460633	7453559	0.46	cps
Boron	10-1	64145	65224	66463	65277	1.78	cps
Boron	11-1	296684	300817	301759	299754	0.90	cps
Cadmium	111-1	432944	437215	433368	434509	0.54	cps
Cadmium	106-1	49697	49998	49705	49800	0.34	cps
Cadmium	108-1	32746	32976	33302	33008	0.85	cps
Calcium	43-1	545422	545140	540876	543812	0.47	cps
Calcium	44-1	8920325	8848882	8791669	8853625	0.73	cps
Chromium	52-2	550133	548313	542771	547073	0.70	cps
Cobalt	59-2	860589	857739	859328	859219	0.17	cps
Copper	63-2	1202112	1199743	1196399	1199418	0.24	cps
Dysprosium	156-1	58	8	0	22	141.99	cps
Dysprosium	156-2	33	37	53	41	26.06	cps
Erbium	164-1	92	83	50	75	29.40	cps
Erbium	164-2	20	37	33	30	29.40	cps
Gadolinium	160-1	133	92	75	100	30.05	cps
Gadolinium	160-2	213	190	250	218	13.89	cps
Holmium	165-1	20226569	20260986	20135826	20207794	0.32	cps
Holmium	165-2	10484504	10470996	10408964	10454822	0.39	cps
Indium	115-1	14802554	14940271	14698282	14813702	0.82	cps
Indium	115-2	2900809	2894059	2886475	2893781	0.25	cps
Iron	56-2	22464620	22429572	22245105	22379766	0.53	cps
Iron	57-2	558701	558559	560688	559316	0.21	cps
Lead	206-1	1425081	1448659	1434735	1436158	0.83	cps
Lead	207-1	1305618	1326856	1318676	1317050	0.81	cps
Lead	208-1	5848691	5875759	5858113	5860854	0.23	cps
Lithium	6-1	5604066	5603584	5574118	5593923	0.31	cps
Magnesium	24-2	4443915	4427368	4383615	4418300	0.71	cps
Manganese	55-2	651898	649445	643357	648233	0.68	cps

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 14:51:41	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3397206	3397660	3387119	3393995	0.18	cps
Molybdenum	95-1	4141145	4131959	4132285	4135129	0.13	cps
Molybdenum	96-1	4588173	4599998	4565355	4584508	0.38	cps
Molybdenum	97-1	2598512	2613906	2592264	2601561	0.43	cps
Molybdenum	98-1	6629191	6603611	6563331	6598711	0.50	cps
Neodymium	150-1	100	87	160	116	33.81	cps
Neodymium	150-2	17	27	3	16	75.27	cps
Nickel	60-2	230756	227571	226870	228399	0.91	cps
Phosphorus	31-2	20790	21683	20740	21071	2.52	cps
Potassium	39-2	2035882	2033099	2009658	2026213	0.71	cps
Rhodium	103-1	13605163	13588588	13494867	13562873	0.44	cps
Rhodium	103-2	6630839	6643190	6642008	6638679	0.10	cps
Scandium	45-1	9922498	9865932	9824653	9871027	0.50	cps
Scandium	45-2	464598	461253	457484	461112	0.77	cps
Selenium	77-2	1350	1503	1400	1418	5.52	cps
Selenium	78-2	5282	5005	5006	5098	3.14	cps
Selenium	82-1	31454	31882	31507	31614	0.74	cps
Silicon	28-1	1444201	1445660	1445427	1445096	0.05	cps
Silver	109-1	2058313	2061460	2077383	2065719	0.49	cps
Silver	107-1	2141996	2145809	2157264	2148356	0.37	cps
Sodium	23-2	8669271	8664936	8576275	8636828	0.61	cps
Strontium	86-1	552198	554739	551173	552703	0.33	cps
Strontium	88-1	4705908	4694270	4652683	4684287	0.60	cps
Sulfur	34-1	442433	441964	440597	441665	0.22	cps
Terbium	159-1	20649376	20526522	20670248	20615382	0.38	cps
Terbium	159-2	10297708	10247679	10265173	10270186	0.25	cps
Thallium	203-1	1763737	1765762	1781321	1770273	0.54	cps
Thallium	205-1	4206127	4255311	4201957	4221132	0.70	cps
Thorium	232-1	6341217	6345038	6339670	6341975	0.04	cps
Tin	118-1	1378984	1390619	1379961	1383188	0.47	cps
Titanium	47-1	1214999	1221021	1209777	1215266	0.46	cps
Uranium	238-1	6169793	6129040	6133683	6144172	0.36	cps
Vanadium	51-2	445827	442487	440902	443072	0.57	cps
Yttrium	89-1	15592154	15568285	15535199	15565213	0.18	cps
Yttrium	89-2	2353539	2341384	2330709	2341877	0.49	cps
Zinc	66-2	180939	178981	179255	179725	0.59	cps

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P7
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 14:51:41	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2872867	2875344	2850270	2866160	0.48	cps
Zirconium	91-1	631134	634706	641406	635749	0.82	cps

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 14:55:28	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	726805	737579	737477	733953	0.84	cps
Antimony	121-1	3115660	3111130	3106715	3111168	0.14	cps
Arsenic	75-2	110004	110419	109944	110122	0.23	cps
Barium	135-1	4109861	4091723	4090138	4097240	0.27	cps
Barium	137-1	7114366	7094855	7034828	7081350	0.59	cps
Beryllium	9-1	856663	852600	849413	852892	0.43	cps
Bismuth	209-1	12799952	12820956	12857895	12826268	0.23	cps
Bismuth	209-2	7578991	6609669	7218712	7135791	6.87	cps
Boron	10-1	122971	126230	128854	126018	2.34	cps
Boron	11-1	573373	584551	587138	581687	1.26	cps
Cadmium	111-1	836326	829903	836958	834396	0.47	cps
Cadmium	106-1	92602	93969	95152	93908	1.36	cps
Cadmium	108-1	63207	61910	63307	62808	1.24	cps
Calcium	43-1	1051386	1045535	1047339	1048087	0.29	cps
Calcium	44-1	17346977	17185297	17106099	17212791	0.71	cps
Chromium	52-2	1058804	1065408	1057239	1060484	0.41	cps
Cobalt	59-2	1649743	1661191	1654907	1655280	0.35	cps
Copper	63-2	2276145	2287012	2273061	2278739	0.32	cps
Dysprosium	156-1	58	92	83	78	22.30	cps
Dysprosium	156-2	63	60	80	68	15.81	cps
Erbium	164-1	117	92	67	92	27.27	cps
Erbium	164-2	13	27	43	28	54.11	cps
Gadolinium	160-1	117	167	158	147	18.20	cps
Gadolinium	160-2	243	220	237	233	5.15	cps
Holmium	165-1	20107825	20062014	20028460	20066100	0.20	cps
Holmium	165-2	10835802	9408310	10283557	10175890	7.07	cps
Indium	115-1	14650688	14589195	14556901	14598928	0.33	cps
Indium	115-2	2974521	2592037	2842192	2802917	6.93	cps
Iron	56-2	43840307	43928745	43485976	43751676	0.54	cps
Iron	57-2	1081187	1085057	1078521	1081588	0.30	cps
Lead	206-1	2821945	2834752	2830178	2828959	0.23	cps
Lead	207-1	2477337	2485539	2508255	2490377	0.64	cps
Lead	208-1	11410622	11405688	11439354	11418555	0.16	cps
Lithium	6-1	5485387	5412670	5436072	5444709	0.68	cps
Magnesium	24-2	8546673	8666575	8601400	8604883	0.70	cps
Manganese	55-2	1257402	1264784	1256496	1259561	0.36	cps

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 14:55:28	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6664880	6680711	6602883	6649491	0.62	cps
Molybdenum	95-1	8120153	8140102	8087231	8115829	0.33	cps
Molybdenum	96-1	9028931	9063132	8992932	9028332	0.39	cps
Molybdenum	97-1	5129238	5130223	5111189	5123550	0.21	cps
Molybdenum	98-1	12974478	13056045	12924700	12985074	0.51	cps
Neodymium	150-1	227	213	253	231	8.81	cps
Neodymium	150-2	47	23	57	42	40.52	cps
Nickel	60-2	437692	443300	435186	438726	0.95	cps
Phosphorus	31-2	40940	40774	39971	40562	1.28	cps
Potassium	39-2	3938069	3946205	3950327	3944867	0.16	cps
Rhodium	103-1	13226994	13196810	13116631	13180145	0.43	cps
Rhodium	103-2	6757069	5900022	6440390	6365827	6.81	cps
Scandium	45-1	9727137	9648657	9628597	9668130	0.54	cps
Scandium	45-2	474975	410365	449343	444894	7.31	cps
Selenium	77-2	2944	3104	2864	2970	4.12	cps
Selenium	78-2	9802	9759	10000	9853	1.30	cps
Selenium	82-1	62061	61578	61586	61741	0.45	cps
Silicon	28-1	2466323	2463012	2456774	2462037	0.20	cps
Silver	109-1	4057510	4039182	4053578	4050090	0.24	cps
Silver	107-1	4225992	4232452	4207500	4221981	0.31	cps
Sodium	23-2	16762869	16941345	16799755	16834656	0.56	cps
Strontium	86-1	1072646	1070651	1072757	1072018	0.11	cps
Strontium	88-1	9254748	9167777	9257523	9226683	0.55	cps
Sulfur	34-1	616103	613923	607437	612488	0.74	cps
Terbium	159-1	20403568	20370248	20374616	20382811	0.09	cps
Terbium	159-2	10624107	9315655	10150156	10029973	6.60	cps
Thallium	203-1	3518859	3484141	3486142	3496381	0.56	cps
Thallium	205-1	8291223	8259981	8305241	8285482	0.28	cps
Thorium	232-1	12531894	12566012	12574323	12557409	0.18	cps
Tin	118-1	2756487	2768272	2739026	2754595	0.53	cps
Titanium	47-1	2395004	2349424	2367541	2370656	0.97	cps
Uranium	238-1	12191669	12087583	12214866	12164706	0.56	cps
Vanadium	51-2	854416	866733	858182	859777	0.73	cps
Yttrium	89-1	15319030	15246791	15321566	15295796	0.28	cps
Yttrium	89-2	2349828	2113090	2295014	2252644	5.50	cps
Zinc	66-2	339256	346295	339665	341739	1.16	cps

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 14:55:28	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5652403	5638711	5624838	5638651	0.24	cps
Zirconium	91-1	1238948	1242199	1237377	1239508	0.20	cps

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 14:59:13	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1455741	1464759	1461199	1460566	0.31	cps
Antimony	121-1	6135388	6123050	6134615	6131018	0.11	cps
Arsenic	75-2	217596	217850	219250	218232	0.41	cps
Barium	135-1	8103004	8113943	8115307	8110751	0.08	cps
Barium	137-1	13985197	14049699	13998187	14011028	0.24	cps
Beryllium	9-1	1634967	1639205	1649358	1641177	0.45	cps
Bismuth	209-1	12643523	12677094	12712816	12677811	0.27	cps
Bismuth	209-2	7155391	7108805	7142081	7135426	0.34	cps
Boron	10-1	245833	249384	253945	249721	1.63	cps
Boron	11-1	1132342	1149154	1164802	1148766	1.41	cps
Cadmium	111-1	1588928	1609180	1615468	1604526	0.86	cps
Cadmium	106-1	179567	178754	181363	179895	0.74	cps
Cadmium	108-1	122300	123381	124289	123323	0.81	cps
Calcium	43-1	2064820	2066625	2078269	2069904	0.35	cps
Calcium	44-1	34221107	34206552	34202152	34209937	0.03	cps
Chromium	52-2	2085404	2100827	2099611	2095281	0.41	cps
Cobalt	59-2	3243158	3268483	3248601	3253414	0.41	cps
Copper	63-2	4487365	4482552	4490446	4486788	0.09	cps
Dysprosium	156-1	267	83	150	167	55.70	cps
Dysprosium	156-2	140	153	120	138	12.18	cps
Erbium	164-1	100	125	75	100	25.00	cps
Erbium	164-2	37	37	53	42	22.78	cps
Gadolinium	160-1	150	225	92	156	42.97	cps
Gadolinium	160-2	273	267	303	281	6.95	cps
Holmium	165-1	19780949	19943621	20112806	19945792	0.83	cps
Holmium	165-2	10362356	10391637	10346446	10366813	0.22	cps
Indium	115-1	14500182	14580350	14712345	14597625	0.73	cps
Indium	115-2	2845916	2859669	2876989	2860858	0.54	cps
Iron	56-2	86438655	85985532	86178355	86200847	0.26	cps
Iron	57-2	2131419	2134433	2129238	2131697	0.12	cps
Lead	206-1	5616709	5624564	5613709	5618327	0.10	cps
Lead	207-1	5114067	5117997	5091583	5107882	0.28	cps
Lead	208-1	22800057	22828388	22711921	22780122	0.27	cps
Lithium	6-1	5363882	5397096	5361087	5374022	0.37	cps
Magnesium	24-2	17105572	17076547	17123572	17101897	0.14	cps
Manganese	55-2	2456231	2464218	2468603	2463017	0.25	cps

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 14:59:13	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	13206692	13354131	13294990	13285271	0.56	cps
Molybdenum	95-1	16083412	16145192	16121845	16116816	0.19	cps
Molybdenum	96-1	17932674	17980697	17891519	17934963	0.25	cps
Molybdenum	97-1	10196857	10191544	10168644	10185682	0.15	cps
Molybdenum	98-1	25772932	25789432	25773697	25778687	0.04	cps
Neodymium	150-1	460	473	473	469	1.64	cps
Neodymium	150-2	53	63	87	68	25.24	cps
Nickel	60-2	851649	858341	856155	855382	0.40	cps
Phosphorus	31-2	81154	79981	82101	81079	1.31	cps
Potassium	39-2	7880712	7867367	7888798	7878959	0.14	cps
Rhodium	103-1	12930979	12876302	12972705	12926662	0.37	cps
Rhodium	103-2	6377691	6387344	6405681	6390239	0.22	cps
Scandium	45-1	9600122	9564338	9611751	9592070	0.26	cps
Scandium	45-2	453953	454350	460212	456172	0.77	cps
Selenium	77-2	5785	5875	5808	5822	0.80	cps
Selenium	78-2	19141	19250	19311	19234	0.45	cps
Selenium	82-1	118341	118714	119972	119009	0.72	cps
Silicon	28-1	4577121	4620919	4630256	4609432	0.62	cps
Silver	109-1	7859344	7876010	7902757	7879370	0.28	cps
Silver	107-1	8237180	8180506	8276194	8231294	0.58	cps
Sodium	23-2	33731699	33763365	33673821	33722962	0.13	cps
Strontium	86-1	2089729	2088150	2112713	2096864	0.66	cps
Strontium	88-1	18253480	18262866	18343643	18286663	0.27	cps
Sulfur	34-1	950510	950097	951669	950759	0.09	cps
Terbium	159-1	20391524	20434699	20362716	20396313	0.18	cps
Terbium	159-2	10220305	10233859	10179936	10211367	0.27	cps
Thallium	203-1	6853253	6918687	6902307	6891416	0.49	cps
Thallium	205-1	16349390	16318820	16358578	16342263	0.13	cps
Thorium	232-1	25286176	25155024	25560109	25333770	0.82	cps
Tin	118-1	5418571	5439579	5447004	5435051	0.27	cps
Titanium	47-1	4737108	4716675	4706265	4720016	0.33	cps
Uranium	238-1	24597108	24184017	24489540	24423555	0.88	cps
Vanadium	51-2	1711928	1710249	1717391	1713190	0.22	cps
Yttrium	89-1	15207449	15156590	15321360	15228466	0.55	cps
Yttrium	89-2	2311785	2307700	2328685	2316057	0.48	cps
Zinc	66-2	658846	667519	670237	665534	0.89	cps

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 14:59:13	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	11250862	11212074	11284147	11249028	0.32	cps
Zirconium	91-1	2420200	2433481	2479374	2444352	1.27	cps

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 15:02:59	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2896151	2893120	2897446	2895572	0.08	cps
Antimony	121-1	12010082	12050676	11996145	12018968	0.24	cps
Arsenic	75-2	419374	420593	420831	420266	0.19	cps
Barium	135-1	15962199	16047782	16115455	16041812	0.48	cps
Barium	137-1	27632856	27769694	27808170	27736907	0.33	cps
Beryllium	9-1	3148764	3156605	3158060	3154477	0.16	cps
Bismuth	209-1	12237373	12297848	12305410	12280210	0.30	cps
Bismuth	209-2	6992107	6898328	6942939	6944458	0.68	cps
Boron	10-1	476297	489431	499778	488502	2.41	cps
Boron	11-1	2219991	2280970	2308059	2269673	1.99	cps
Cadmium	111-1	3046744	3068557	3058662	3057988	0.36	cps
Cadmium	106-1	334330	341320	332431	336027	1.39	cps
Cadmium	108-1	232158	233923	237010	234364	1.05	cps
Calcium	43-1	4075789	4067640	4138301	4093910	0.94	cps
Calcium	44-1	67368706	67764960	68393177	67842281	0.76	cps
Chromium	52-2	4192620	4234951	4206723	4211431	0.51	cps
Cobalt	59-2	6447626	6439987	6450874	6446162	0.09	cps
Copper	63-2	8731604	8788891	8777057	8765850	0.35	cps
Dysprosium	156-1	217	242	217	225	6.41	cps
Dysprosium	156-2	217	197	213	209	5.13	cps
Erbium	164-1	92	75	108	92	18.18	cps
Erbium	164-2	57	37	50	48	21.31	cps
Gadolinium	160-1	158	225	150	178	23.12	cps
Gadolinium	160-2	277	283	237	266	9.50	cps
Holmium	165-1	19995385	19880318	20078413	19984705	0.50	cps
Holmium	165-2	10439049	10303043	10353618	10365237	0.66	cps
Indium	115-1	13983280	13951702	13999049	13978010	0.17	cps
Indium	115-2	2785890	2744721	2758434	2763015	0.76	cps
Iron	56-2	171864115	173216126	172600848	172560363	0.39	cps
Iron	57-2	4309632	4273913	4285111	4289552	0.43	cps
Lead	206-1	10850674	10898382	10869154	10872737	0.22	cps
Lead	207-1	9872209	9855715	9937541	9888488	0.44	cps
Lead	208-1	44106266	44088960	44419099	44204775	0.42	cps
Lithium	6-1	5324807	5313380	5334398	5324195	0.20	cps
Magnesium	24-2	34045578	34018423	33987915	34017305	0.08	cps
Manganese	55-2	4968618	4985503	4986966	4980362	0.20	cps

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 15:02:59	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	26227939	26333241	26558662	26373281	0.64	cps
Molybdenum	95-1	31746347	31890947	32100457	31912583	0.56	cps
Molybdenum	96-1	35355080	35652258	35611609	35539649	0.45	cps
Molybdenum	97-1	20085456	20287274	20203780	20192170	0.50	cps
Molybdenum	98-1	50900491	51170426	51231802	51100906	0.34	cps
Neodymium	150-1	767	867	793	809	6.40	cps
Neodymium	150-2	120	77	77	91	27.46	cps
Nickel	60-2	1625659	1619884	1639012	1628185	0.60	cps
Phosphorus	31-2	155577	159240	159629	158149	1.41	cps
Potassium	39-2	15739965	15787284	15804464	15777238	0.21	cps
Rhodium	103-1	12622916	12553394	12627990	12601433	0.33	cps
Rhodium	103-2	6298716	6229114	6285532	6271121	0.59	cps
Scandium	45-1	9607656	9595986	9660294	9621312	0.36	cps
Scandium	45-2	461443	458115	460945	460167	0.39	cps
Selenium	77-2	10557	10961	10751	10756	1.88	cps
Selenium	78-2	36707	36362	36867	36646	0.70	cps
Selenium	82-1	223908	225629	226195	225244	0.53	cps
Silicon	28-1	9059724	9110990	9169573	9113429	0.60	cps
Silver	109-1	15094991	15181958	15185962	15154304	0.34	cps
Silver	107-1	15676867	15967594	15871316	15838592	0.94	cps
Sodium	23-2	67030781	66656918	67018352	66902017	0.32	cps
Strontium	86-1	4144921	4217292	4203273	4188495	0.92	cps
Strontium	88-1	36222592	36333651	36254283	36270175	0.16	cps
Sulfur	34-1	1607749	1613894	1629729	1617124	0.70	cps
Terbium	159-1	20179876	20269847	20226154	20225292	0.22	cps
Terbium	159-2	10231519	10123725	10122765	10159336	0.62	cps
Thallium	203-1	13544741	13496262	13651021	13564008	0.58	cps
Thallium	205-1	31886757	31891616	32114934	31964436	0.41	cps
Thorium	232-1	49357593	49993316	49638118	49663009	0.64	cps
Tin	118-1	10650166	10697515	10726534	10691405	0.36	cps
Titanium	47-1	9353788	9407632	9426850	9396090	0.40	cps
Uranium	238-1	47797126	47932426	48035858	47921804	0.25	cps
Vanadium	51-2	3429972	3450555	3441780	3440769	0.30	cps
Yttrium	89-1	15195589	15095338	15190193	15160373	0.37	cps
Yttrium	89-2	2310409	2299722	2332686	2314272	0.73	cps
Zinc	66-2	1223209	1231324	1237894	1230809	0.60	cps

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 15:02:59	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	22250058	22207080	22323836	22260325	0.27	cps
Zirconium	91-1	4884539	4905485	4940404	4910143	0.57	cps

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 15:06:48	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14998048	15195344	15309370	15167587	1.04	cps
Antimony	121-1	17570	17128	16477	17058	3.22	cps
Arsenic	75-2	620	615	587	607	2.94	cps
Barium	135-1	2517	2342	2367	2409	3.93	cps
Barium	137-1	4067	3992	4359	4140	4.68	cps
Beryllium	9-1	639	594	456	563	16.99	cps
Bismuth	209-1	10578954	10530647	10462430	10524010	0.56	cps
Bismuth	209-2	6024062	6014246	6055908	6031405	0.36	cps
Boron	10-1	30966	29004	27117	29029	6.63	cps
Boron	11-1	146940	132089	120141	133057	10.09	cps
Cadmium	111-1	3064	3199	2822	3028	6.31	cps
Cadmium	106-1	4968	5176	4676	4940	5.09	cps
Cadmium	108-1	58	63	71	64	9.97	cps
Calcium	43-1	20569819	20859163	20831848	20753610	0.77	cps
Calcium	44-1	340595041	344916091	346509649	344006927	0.89	cps
Chromium	52-2	134587	135472	135163	135074	0.33	cps
Cobalt	59-2	77252	76981	78103	77445	0.76	cps
Copper	63-2	19837	20184	20575	20199	1.83	cps
Dysprosium	156-1	175	183	158	172	7.39	cps
Dysprosium	156-2	93	73	83	83	12.01	cps
Erbium	164-1	50	33	75	53	39.74	cps
Erbium	164-2	50	57	23	43	40.71	cps
Gadolinium	160-1	183	225	217	208	10.58	cps
Gadolinium	160-2	290	347	353	330	10.55	cps
Holmium	165-1	18820678	19002447	18944586	18922570	0.49	cps
Holmium	165-2	9820442	9854299	9872898	9849213	0.27	cps
Indium	115-1	13060629	13083225	13072547	13072134	0.09	cps
Indium	115-2	2682793	2692887	2682375	2686018	0.22	cps
Iron	56-2	831753507	827504196	832127352	830461685	0.31	cps
Iron	57-2	20632175	20688797	20835822	20718931	0.51	cps
Lead	206-1	16995	16455	16577	16676	1.70	cps
Lead	207-1	13874	14175	13557	13869	2.23	cps
Lead	208-1	65492	65114	64446	65017	0.81	cps
Lithium	6-1	5200429	5232407	5261197	5231344	0.58	cps
Magnesium	24-2	170742445	173559921	172564012	172288793	0.83	cps
Manganese	55-2	21866	21626	21629	21707	0.63	cps

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 15:06:48	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	22076	23044	21809	22310	2.91	cps
Molybdenum	95-1	36138	35069	35829	35679	1.54	cps
Molybdenum	96-1	48701	49252	46853	48269	2.60	cps
Molybdenum	97-1	22994	21417	21809	22073	3.72	cps
Molybdenum	98-1	55660	54137	55124	54973	1.41	cps
Neodymium	150-1	100	180	147	142	28.26	cps
Neodymium	150-2	53	60	57	57	5.89	cps
Nickel	60-2	44548	45246	46490	45428	2.17	cps
Phosphorus	31-2	225	208	217	217	3.85	cps
Potassium	39-2	82371904	83218404	83778791	83123033	0.85	cps
Rhodium	103-1	11305563	11348310	11351935	11335269	0.23	cps
Rhodium	103-2	5596110	5643907	5695333	5645117	0.88	cps
Scandium	45-1	9459261	9462955	9543891	9488702	0.50	cps
Scandium	45-2	460839	467819	466133	464930	0.78	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	87	113	120	107	16.39	cps
Selenium	82-1	158	212	152	174	19.03	cps
Silicon	28-1	4719489	4941865	5028890	4896748	3.26	cps
Silver	109-1	1800	1475	1275	1517	17.47	cps
Silver	107-1	1800	1583	1533	1639	8.65	cps
Sodium	23-2	340610058	344966266	345491608	343689310	0.78	cps
Strontium	86-1	19672	18871	19889	19478	2.75	cps
Strontium	88-1	167558	169354	170172	169028	0.79	cps
Sulfur	34-1	225287	232975	237277	231846	2.62	cps
Terbium	159-1	19226847	19218596	19262703	19236049	0.12	cps
Terbium	159-2	9665044	9730130	9705749	9700308	0.34	cps
Thallium	203-1	4959	4943	4793	4898	1.87	cps
Thallium	205-1	12365	11822	11280	11822	4.59	cps
Thorium	232-1	8197	7480	7169	7615	6.93	cps
Tin	118-1	9829	9304	9612	9581	2.76	cps
Titanium	47-1	2367	2700	2700	2589	7.43	cps
Uranium	238-1	8887	8028	8203	8373	5.42	cps
Vanadium	51-2	1693	1640	1543	1626	4.68	cps
Yttrium	89-1	14507640	14548199	14526729	14527523	0.14	cps
Yttrium	89-2	2263985	2284556	2299726	2282756	0.79	cps
Zinc	66-2	6265	6305	6872	6480	5.24	cps

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P7
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 15:06:48	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5410	5026	4776	5071	6.29	cps
Zirconium	91-1	1317	1025	1067	1136	13.88	cps

LB Number : LB97934 Operator : Jaswal
 Lab Sample ID : ICV Instrumnet Name : P7
 Client Sample ID : ICV Dilution Factor : 1
 Date & Time Acquired :: 2018-09-14 15:17:00 DataFile Name : 012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	82745	83684	82812	83080	0.63	cps
Antimony	121-1	2276916	2292253	2302440	2290536	0.56	cps
Arsenic	75-2	88709	88947	89691	89116	0.57	cps
Barium	135-1	317919	321564	324218	321234	0.98	cps
Barium	137-1	550816	555972	560630	555806	0.88	cps
Beryllium	9-1	347265	349679	347696	348213	0.37	cps
Bismuth	209-1	12767526	12753041	12977577	12832715	0.98	cps
Bismuth	209-2	7484530	7441045	7463491	7463022	0.29	cps
Boron	10-1	254767	266225	270887	263960	3.14	cps
Boron	11-1	1172100	1217147	1253784	1214344	3.37	cps
Cadmium	111-1	333549	338432	334239	335407	0.79	cps
Cadmium	106-1	63669	64581	64489	64246	0.78	cps
Cadmium	108-1	33302	33060	33966	33442	1.40	cps
Calcium	43-1	99827	101312	100162	100434	0.78	cps
Calcium	44-1	1508369	1508448	1517522	1511446	0.35	cps
Chromium	52-2	433738	433810	430378	432642	0.45	cps
Cobalt	59-2	695057	694415	688794	692756	0.50	cps
Copper	63-2	485597	485637	486496	485910	0.10	cps
Dysprosium	156-1	42	0	17	19	107.85	cps
Dysprosium	156-2	7	3	7	6	34.70	cps
Erbium	164-1	142	183	183	169	14.20	cps
Erbium	164-2	77	53	90	73	25.31	cps
Gadolinium	160-1	108	108	125	114	8.45	cps
Gadolinium	160-2	277	277	247	267	6.50	cps
Holmium	165-1	19593215	19754249	20062724	19803396	1.20	cps
Holmium	165-2	10440951	10389427	10436734	10422371	0.27	cps
Indium	115-1	14752194	14675436	14885686	14771105	0.72	cps
Indium	115-2	2986162	2971606	2983146	2980305	0.26	cps
Iron	56-2	3665289	3636165	3660098	3653851	0.43	cps
Iron	57-2	91517	91148	91813	91493	0.36	cps
Lead	206-1	2102128	2142850	2154641	2133206	1.29	cps
Lead	207-1	1871609	1899344	1897856	1889603	0.83	cps
Lead	208-1	8666438	8727276	8728276	8707330	0.41	cps
Lithium	6-1	5832132	5805652	5862303	5833362	0.49	cps
Magnesium	24-2	437492	437249	439418	438053	0.27	cps
Manganese	55-2	255588	255659	256802	256016	0.27	cps

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 15:17:00	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6198280	6275013	6200024	6224439	0.70	cps
Molybdenum	95-1	3642812	3687610	3647627	3659350	0.67	cps
Molybdenum	96-1	4588879	4634173	4577955	4600336	0.65	cps
Molybdenum	97-1	2216672	2256799	2256061	2243177	1.02	cps
Molybdenum	98-1	5815163	5837259	5815951	5822791	0.22	cps
Neodymium	150-1	20	33	27	27	24.99	cps
Neodymium	150-2	7	13	10	10	33.30	cps
Nickel	60-2	188544	188242	188029	188272	0.14	cps
Phosphorus	31-2	158	192	183	178	9.76	cps
Potassium	39-2	685195	682237	688930	685454	0.49	cps
Rhodium	103-1	13772490	13742832	13936341	13817221	0.75	cps
Rhodium	103-2	6909714	6866345	6928369	6901476	0.46	cps
Scandium	45-1	10208309	10195211	10337179	10246900	0.77	cps
Scandium	45-2	492639	488068	491906	490871	0.50	cps
Selenium	77-2	2217	2277	2417	2304	4.46	cps
Selenium	78-2	7898	8089	8080	8023	1.34	cps
Selenium	82-1	46942	47802	48457	47734	1.59	cps
Silicon	28-1	345877	354256	352515	350883	1.26	cps
Silver	109-1	1540238	1569422	1553522	1554394	0.94	cps
Silver	107-1	1602396	1639077	1622622	1621365	1.13	cps
Sodium	23-2	1422035	1422940	1415862	1420279	0.27	cps
Strontium	86-1	2128714	2155764	2159627	2148035	0.78	cps
Strontium	88-1	18867492	18813481	18847329	18842767	0.14	cps
Sulfur	34-1	274130	269723	268800	270884	1.05	cps
Terbium	159-1	19987337	20008596	20283034	20092989	0.82	cps
Terbium	159-2	10304909	10206681	10304769	10272120	0.55	cps
Thallium	203-1	2726952	2731169	2737671	2731931	0.20	cps
Thallium	205-1	6448947	6429593	6460613	6446384	0.24	cps
Thorium	232-1	25408753	25517709	25408262	25444908	0.25	cps
Tin	118-1	5564574	5561041	5527978	5551197	0.36	cps
Titanium	47-1	991042	1010112	1004170	1001775	0.97	cps
Uranium	238-1	24056995	24169516	24136731	24121081	0.24	cps
Vanadium	51-2	351686	356083	350943	352904	0.79	cps
Yttrium	89-1	15627186	15665214	15806290	15699563	0.60	cps
Yttrium	89-2	2411890	2405997	2447216	2421701	0.92	cps
Zinc	66-2	139505	140939	141057	140500	0.61	cps

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P7
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 15:17:00	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	11433732	11578888	11447439	11486686	0.70	cps
Zirconium	91-1	2514692	2540470	2486566	2513909	1.07	cps

LB Number : LB97934 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P7
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2018-09-14 15:24:44 DataFile Name : 013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	75	100	67	57.28	cps
Antimony	121-1	417	467	425	436	6.14	cps
Arsenic	75-2	11	11	13	12	9.11	cps
Barium	135-1	42	67	50	53	24.12	cps
Barium	137-1	67	117	108	97	27.55	cps
Beryllium	9-1	139	172	128	146	15.81	cps
Bismuth	209-1	12812844	13130732	12952127	12965234	1.23	cps
Bismuth	209-2	7546609	7849373	7387306	7594429	3.09	cps
Boron	10-1	9445	8711	8469	8875	5.72	cps
Boron	11-1	42811	40531	38851	40731	4.88	cps
Cadmium	111-1	2270	2233	2272	2258	0.96	cps
Cadmium	106-1	4534	4434	4526	4498	1.23	cps
Cadmium	108-1	8	13	17	13	33.36	cps
Calcium	43-1	267	192	200	219	18.73	cps
Calcium	44-1	10780	10546	11039	10788	2.28	cps
Chromium	52-2	1137	1210	1230	1192	4.12	cps
Cobalt	59-2	97	63	97	86	22.50	cps
Copper	63-2	1393	1587	1587	1522	7.33	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	0	3	23	9	142.00	cps
Erbium	164-1	33	67	83	61	41.67	cps
Erbium	164-2	17	43	37	32	43.06	cps
Gadolinium	160-1	142	83	117	114	25.69	cps
Gadolinium	160-2	287	287	210	261	16.95	cps
Holmium	165-1	19822318	20173898	20052143	20016120	0.89	cps
Holmium	165-2	10562302	11003048	10248284	10604545	3.58	cps
Indium	115-1	14955230	15305908	15196583	15152574	1.18	cps
Indium	115-2	3065994	3214097	3000838	3093643	3.53	cps
Iron	56-2	6741	7096	6935	6924	2.57	cps
Iron	57-2	339	272	311	307	10.89	cps
Lead	206-1	683	672	644	667	3.00	cps
Lead	207-1	733	633	733	700	8.25	cps
Lead	208-1	3017	2850	2961	2943	2.88	cps
Lithium	6-1	5881343	6002526	5970642	5951503	1.06	cps
Magnesium	24-2	350	433	442	408	12.41	cps
Manganese	55-2	77	97	83	86	11.90	cps

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 15:24:44	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	908	900	675	828	15.99	cps
Molybdenum	95-1	358	300	350	336	9.39	cps
Molybdenum	96-1	608	483	417	503	19.35	cps
Molybdenum	97-1	192	217	167	192	13.04	cps
Molybdenum	98-1	558	325	433	439	26.61	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	3	90	0	31	164.03	cps
Nickel	60-2	103	133	120	119	12.64	cps
Phosphorus	31-2	167	133	92	131	28.78	cps
Potassium	39-2	20548	19639	20523	20237	2.56	cps
Rhodium	103-1	13857486	14308383	14244644	14136838	1.73	cps
Rhodium	103-2	7050599	7369595	6871077	7097090	3.56	cps
Scandium	45-1	10334105	10586476	10629410	10516664	1.52	cps
Scandium	45-2	498671	521700	489340	503237	3.31	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	74	78	94	82	13.22	cps
Selenium	82-1	98	54	-22	43	140.29	cps
Silicon	28-1	322016	325154	327458	324876	0.84	cps
Silver	109-1	133	242	183	186	29.13	cps
Silver	107-1	267	250	292	269	7.78	cps
Sodium	23-2	24003	24362	23978	24114	0.89	cps
Strontium	86-1	700	708	517	642	16.88	cps
Strontium	88-1	233	300	250	261	13.29	cps
Sulfur	34-1	274246	271622	277284	274384	1.03	cps
Terbium	159-1	19924502	20622684	20390119	20312435	1.75	cps
Terbium	159-2	10362582	10904368	10158298	10475083	3.68	cps
Thallium	203-1	408	250	383	347	24.52	cps
Thallium	205-1	892	825	742	820	9.17	cps
Thorium	232-1	2678	2567	2400	2548	5.49	cps
Tin	118-1	8601	3667	3576	5281	54.44	cps
Titanium	47-1	125	67	133	108	33.53	cps
Uranium	238-1	150	200	108	153	30.04	cps
Vanadium	51-2	3	7	3	4	43.40	cps
Yttrium	89-1	15789644	16155995	15963218	15969619	1.15	cps
Yttrium	89-2	2406295	2540280	2386600	2444392	3.42	cps
Zinc	66-2	467	480	470	472	1.47	cps

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P7
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 15:24:44	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1809	1850	1859	1839	1.46	cps
Zirconium	91-1	417	342	400	386	10.20	cps

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 15:28:19	DataFile Name :	014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13851187	13892669	13912000	13885285	0.22	cps
Antimony	121-1	13565	14133	14433	14044	3.14	cps
Arsenic	75-2	133	126	133	131	3.27	cps
Barium	135-1	4443	4901	4926	4757	5.72	cps
Barium	137-1	8103	7494	8153	7916	4.63	cps
Beryllium	9-1	1039	995	995	1009	2.54	cps
Bismuth	209-1	11649308	11754224	11912459	11771997	1.13	cps
Bismuth	209-2	6679469	6805162	6787321	6757317	1.01	cps
Boron	10-1	6802	7235	6643	6894	4.45	cps
Boron	11-1	32168	33856	32703	32909	2.62	cps
Cadmium	111-1	3263	3317	3637	3405	5.94	cps
Cadmium	106-1	4134	4067	4443	4215	4.75	cps
Cadmium	108-1	2596	2346	2454	2466	5.09	cps
Calcium	43-1	4124465	4157523	4168548	4150179	0.55	cps
Calcium	44-1	68117941	68980145	69022968	68707018	0.74	cps
Chromium	52-2	83903	84218	83267	83796	0.58	cps
Cobalt	59-2	8036	7992	8032	8020	0.30	cps
Copper	63-2	35874	35654	35162	35563	1.02	cps
Dysprosium	156-1	58	42	83	61	34.32	cps
Dysprosium	156-2	33	33	27	31	12.36	cps
Erbium	164-1	125	125	108	119	8.06	cps
Erbium	164-2	43	23	63	43	46.16	cps
Gadolinium	160-1	192	83	117	131	42.50	cps
Gadolinium	160-2	260	267	330	286	13.53	cps
Holmium	165-1	19496281	19778596	19906357	19727078	1.06	cps
Holmium	165-2	10244129	10358313	10362349	10321597	0.65	cps
Indium	115-1	13986317	14114335	14323905	14141519	1.21	cps
Indium	115-2	2802021	2848671	2834290	2828327	0.84	cps
Iron	56-2	345522730	343576163	343524585	344207826	0.33	cps
Iron	57-2	8590855	8557636	8495628	8548040	0.57	cps
Lead	206-1	50775	50674	50385	50611	0.40	cps
Lead	207-1	40456	40735	40161	40451	0.71	cps
Lead	208-1	191210	191064	189529	190601	0.49	cps
Lithium	6-1	5564214	5596626	5602484	5587775	0.37	cps
Magnesium	24-2	34564354	34787378	34538773	34630168	0.39	cps
Manganese	55-2	19443	19683	19700	19609	0.73	cps

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 15:28:19	DataFile Name :	014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	7029670	7073227	7058951	7053950	0.31	cps
Molybdenum	95-1	12317477	12441685	12446453	12401871	0.59	cps
Molybdenum	96-1	13188490	13294749	13421004	13301415	0.88	cps
Molybdenum	97-1	7825685	7819675	7911313	7852225	0.65	cps
Molybdenum	98-1	19782972	19870119	20029650	19894247	0.63	cps
Neodymium	150-1	60	67	67	64	5.98	cps
Neodymium	150-2	23	13	23	20	28.87	cps
Nickel	60-2	8799	9050	8606	8818	2.52	cps
Phosphorus	31-2	768154	771083	771471	770236	0.24	cps
Potassium	39-2	32319318	32140166	32509285	32322923	0.57	cps
Rhodium	103-1	12575062	12614394	12766662	12652039	0.80	cps
Rhodium	103-2	6253344	6352971	6308787	6305034	0.79	cps
Scandium	45-1	9808998	9880584	10022990	9904191	1.10	cps
Scandium	45-2	465986	475892	474090	471989	1.12	cps
Selenium	77-2	3	0	7	3	100.05	cps
Selenium	78-2	48	59	69	59	17.39	cps
Selenium	82-1	21	38	66	42	54.02	cps
Silicon	28-1	476969	479842	484332	480381	0.77	cps
Silver	109-1	558	683	833	692	19.91	cps
Silver	107-1	592	917	925	811	23.44	cps
Sodium	23-2	68890785	68999060	69451924	69113923	0.43	cps
Strontium	86-1	139975	141373	142450	141266	0.88	cps
Strontium	88-1	1191652	1207981	1217987	1205874	1.10	cps
Sulfur	34-1	6701341	6749782	6758049	6736391	0.45	cps
Terbium	159-1	19949741	19973968	20212040	20045250	0.72	cps
Terbium	159-2	10056597	10186979	10163170	10135582	0.69	cps
Thallium	203-1	717	900	1017	878	17.23	cps
Thallium	205-1	1759	2425	2467	2217	17.93	cps
Thorium	232-1	2284	2245	2006	2178	6.91	cps
Tin	118-1	4576	4576	4709	4620	1.67	cps
Titanium	47-1	3802634	3817305	3827629	3815856	0.33	cps
Uranium	238-1	933	967	742	881	13.79	cps
Vanadium	51-2	620	517	513	550	11.03	cps
Yttrium	89-1	15148553	15260007	15498263	15302274	1.17	cps
Yttrium	89-2	2298102	2360779	2330880	2329920	1.35	cps
Zinc	66-2	9380	9400	9083	9288	1.91	cps

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P7
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 15:28:19	DataFile Name :	014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2942	2567	2325	2611	11.90	cps
Zirconium	91-1	517	542	442	500	10.41	cps

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 15:39:20	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14469348	14559865	14629190	14552801	0.55	cps
Antimony	121-1	251965	251109	254448	252507	0.69	cps
Arsenic	75-2	8582	8627	8695	8635	0.66	cps
Barium	135-1	69700	69223	71752	70225	1.91	cps
Barium	137-1	119485	122569	123496	121850	1.72	cps
Beryllium	9-1	70207	70301	69994	70167	0.22	cps
Bismuth	209-1	11750349	11817463	11887182	11818331	0.58	cps
Bismuth	209-2	6726520	6786402	6849229	6787384	0.90	cps
Boron	10-1	49507	49883	49048	49479	0.85	cps
Boron	11-1	230025	228687	222159	226957	1.85	cps
Cadmium	111-1	65693	66172	66180	66015	0.42	cps
Cadmium	106-1	13407	13907	13532	13615	1.91	cps
Cadmium	108-1	7957	7744	8294	7998	3.47	cps
Calcium	43-1	4297334	4309737	4320643	4309238	0.27	cps
Calcium	44-1	70954104	71552795	71320787	71275895	0.42	cps
Chromium	52-2	173861	175504	175260	174875	0.51	cps
Cobalt	59-2	143921	143338	145704	144321	0.85	cps
Copper	63-2	129725	131084	131322	130710	0.66	cps
Dysprosium	156-1	75	58	67	67	12.49	cps
Dysprosium	156-2	37	27	30	31	16.37	cps
Erbium	164-1	117	92	58	89	32.92	cps
Erbium	164-2	63	73	40	59	29.04	cps
Gadolinium	160-1	217	142	200	186	21.16	cps
Gadolinium	160-2	270	240	333	281	16.95	cps
Holmium	165-1	19883266	19993662	20272612	20049847	1.00	cps
Holmium	165-2	10280889	10373595	10428666	10361050	0.72	cps
Indium	115-1	14400793	14492599	14636210	14509867	0.82	cps
Indium	115-2	2879399	2891489	2909929	2893606	0.53	cps
Iron	56-2	358473664	358017297	362781730	359757564	0.73	cps
Iron	57-2	8930093	8930838	9007637	8956189	0.50	cps
Lead	206-1	266331	264004	270206	266847	1.17	cps
Lead	207-1	226390	224984	225543	225639	0.31	cps
Lead	208-1	1038470	1032481	1043616	1038189	0.54	cps
Lithium	6-1	5715948	5759286	5813424	5762886	0.85	cps
Magnesium	24-2	36387933	36538654	36553237	36493275	0.25	cps
Manganese	55-2	72230	72343	73087	72553	0.64	cps

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 15:39:20	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	8013091	7989391	8069438	8023973	0.51	cps
Molybdenum	95-1	13092087	13071162	13298145	13153798	0.95	cps
Molybdenum	96-1	14032344	14106752	14194271	14111122	0.57	cps
Molybdenum	97-1	8229848	8304635	8316212	8283565	0.57	cps
Molybdenum	98-1	20830935	21081173	21056641	20989583	0.66	cps
Neodymium	150-1	53	87	33	58	46.64	cps
Neodymium	150-2	20	17	23	20	16.65	cps
Nickel	60-2	44170	43976	44287	44144	0.36	cps
Phosphorus	31-2	811411	824273	824517	820067	0.91	cps
Potassium	39-2	33543893	33797179	34179699	33840257	0.95	cps
Rhodium	103-1	12905042	13050897	13139244	13031728	0.91	cps
Rhodium	103-2	6445251	6444786	6482717	6457584	0.34	cps
Scandium	45-1	10233412	10387278	10364270	10328320	0.80	cps
Scandium	45-2	489326	489266	495457	491349	0.72	cps
Selenium	77-2	260	230	220	237	8.80	cps
Selenium	78-2	756	835	830	807	5.51	cps
Selenium	82-1	4542	4622	4608	4590	0.93	cps
Silicon	28-1	1109885	1120050	1122760	1117565	0.61	cps
Silver	109-1	285681	288588	290560	288276	0.85	cps
Silver	107-1	299704	298978	299479	299387	0.12	cps
Sodium	23-2	72529077	72477902	73292414	72766464	0.63	cps
Strontium	86-1	403545	397284	403292	401374	0.88	cps
Strontium	88-1	3419146	3429542	3440758	3429815	0.32	cps
Sulfur	34-1	7048142	7133592	7091158	7090964	0.60	cps
Terbium	159-1	20143506	20376510	20599773	20373263	1.12	cps
Terbium	159-2	10263586	10197357	10244700	10235214	0.33	cps
Thallium	203-1	265644	267078	267758	266827	0.40	cps
Thallium	205-1	631065	635704	635035	633935	0.40	cps
Thorium	232-1	5107	4390	3923	4473	13.33	cps
Tin	118-1	625959	628923	630753	628545	0.38	cps
Titanium	47-1	4090561	4111175	4082074	4094603	0.37	cps
Uranium	238-1	2752058	2781057	2779628	2770914	0.59	cps
Vanadium	51-2	71824	71874	72413	72037	0.45	cps
Yttrium	89-1	15733159	15917022	15923025	15857735	0.68	cps
Yttrium	89-2	2380312	2401518	2428143	2403324	1.00	cps
Zinc	66-2	20575	20394	20394	20455	0.51	cps

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P7
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 15:39:20	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1335171	1334752	1335877	1335267	0.04	cps
Zirconium	91-1	304092	301037	302424	302517	0.51	cps

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	CCV097	Instrumnet Name :	P7
Client Sample ID :	CCV097	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 15:51:26	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8606871	8648533	8584485	8613296	0.38	cps
Antimony	121-1	6100980	6058633	6073269	6077627	0.35	cps
Arsenic	75-2	220635	222209	221137	221327	0.36	cps
Barium	135-1	8295669	8295393	8213994	8268352	0.57	cps
Barium	137-1	14379136	14279091	14266016	14308081	0.43	cps
Beryllium	9-1	1742992	1741929	1750567	1745163	0.27	cps
Bismuth	209-1	11111107	11490653	11572744	11391501	2.16	cps
Bismuth	209-2	6559494	6492620	6542304	6531473	0.53	cps
Boron	10-1	265188	273220	276307	271572	2.11	cps
Boron	11-1	1225624	1263032	1282355	1257004	2.29	cps
Cadmium	111-1	1489974	1499238	1502025	1497079	0.42	cps
Cadmium	106-1	171760	173626	173837	173074	0.66	cps
Cadmium	108-1	116364	117419	117117	116967	0.46	cps
Calcium	43-1	11252747	11106502	11149312	11169520	0.67	cps
Calcium	44-1	185981575	184191658	185023112	185065449	0.48	cps
Chromium	52-2	2287551	2310608	2317733	2305297	0.68	cps
Cobalt	59-2	3486555	3475271	3483408	3481745	0.17	cps
Copper	63-2	4570950	4538486	4552284	4553906	0.36	cps
Dysprosium	156-1	150	167	167	161	5.97	cps
Dysprosium	156-2	123	147	127	132	9.54	cps
Erbium	164-1	108	125	133	122	10.41	cps
Erbium	164-2	43	50	57	50	13.34	cps
Gadolinium	160-1	175	200	133	169	19.88	cps
Gadolinium	160-2	243	257	263	254	4.00	cps
Holmium	165-1	19424827	20359015	20199779	19994540	2.50	cps
Holmium	165-2	10364677	10295786	10333719	10331394	0.33	cps
Indium	115-1	13802350	14386255	14416937	14201847	2.44	cps
Indium	115-2	2862569	2849737	2870539	2860948	0.37	cps
Iron	56-2	460069010	459724399	464083121	461292177	0.53	cps
Iron	57-2	11475385	11424527	11417318	11439076	0.28	cps
Lead	206-1	5258488	5279740	5240678	5259635	0.37	cps
Lead	207-1	4804529	4801996	4785211	4797245	0.22	cps
Lead	208-1	21399789	21439537	21310975	21383434	0.31	cps
Lithium	6-1	5658573	5807476	5859115	5775055	1.80	cps
Magnesium	24-2	93699373	94547058	93563729	93936720	0.57	cps
Manganese	55-2	2693791	2699103	2711523	2701473	0.34	cps

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	CCV097	Instrumnet Name :	P7
Client Sample ID :	CCV097	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 15:51:26	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	14094331	13975288	14074986	14048202	0.45	cps
Molybdenum	95-1	17148349	16985064	16970040	17034485	0.58	cps
Molybdenum	96-1	19036062	18918710	18817946	18924239	0.58	cps
Molybdenum	97-1	10767095	10733212	10758759	10753022	0.16	cps
Molybdenum	98-1	27339633	26963170	27229663	27177489	0.71	cps
Neodymium	150-1	360	453	433	416	11.82	cps
Neodymium	150-2	70	60	87	72	18.66	cps
Nickel	60-2	875493	885528	885235	882086	0.65	cps
Phosphorus	31-2	88889	88387	88488	88588	0.30	cps
Potassium	39-2	44616043	44773328	44762097	44717156	0.20	cps
Rhodium	103-1	12295057	12719040	12838978	12617692	2.26	cps
Rhodium	103-2	6248091	6246379	6251160	6248543	0.04	cps
Scandium	45-1	10232454	10586499	10664873	10494609	2.20	cps
Scandium	45-2	503573	503896	508221	505230	0.51	cps
Selenium	77-2	5438	5258	5498	5398	2.31	cps
Selenium	78-2	18731	19098	18592	18807	1.39	cps
Selenium	82-1	112990	112454	113307	112917	0.38	cps
Silicon	28-1	6089552	6201489	6322450	6204497	1.88	cps
Silver	109-1	7596939	7568622	7522657	7562739	0.50	cps
Silver	107-1	7936511	7897393	7898508	7910804	0.28	cps
Sodium	23-2	186042154	187640979	186580063	186754399	0.44	cps
Strontium	86-1	2200533	2213437	2197265	2203745	0.39	cps
Strontium	88-1	19499144	19326194	19137206	19320848	0.94	cps
Sulfur	34-1	1032151	1034694	1031511	1032785	0.16	cps
Terbium	159-1	19861296	20513026	20607489	20327271	2.00	cps
Terbium	159-2	10157592	10110268	10127162	10131674	0.24	cps
Thallium	203-1	6538097	6599166	6558112	6565125	0.47	cps
Thallium	205-1	15470402	15639706	15322002	15477370	1.03	cps
Thorium	232-1	24420146	24074371	24449471	24314663	0.86	cps
Tin	118-1	5504998	5499186	5480196	5494793	0.24	cps
Titanium	47-1	5276560	5239376	5259365	5258434	0.35	cps
Uranium	238-1	23505525	23303727	23351144	23386799	0.45	cps
Vanadium	51-2	1893960	1908432	1900353	1900915	0.38	cps
Yttrium	89-1	15424456	16023123	15953002	15800194	2.07	cps
Yttrium	89-2	2432527	2441948	2458345	2444273	0.53	cps
Zinc	66-2	625303	627666	630502	627824	0.41	cps

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	CCV097	Instrumnet Name :	P7
Client Sample ID :	CCV097	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 15:51:26	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	11978492	11971312	11942155	11963986	0.16	cps
Zirconium	91-1	2634795	2628093	2627857	2630248	0.15	cps

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	CCB097	Instrumnet Name :	P7
Client Sample ID :	CCB097	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 15:55:27	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	133	100	158	131	22.42	cps
Antimony	121-1	2050	2109	1809	1989	8.00	cps
Arsenic	75-2	20	26	24	23	12.07	cps
Barium	135-1	367	358	292	339	12.13	cps
Barium	137-1	458	517	400	458	12.73	cps
Beryllium	9-1	428	333	222	328	31.39	cps
Bismuth	209-1	12894895	12893537	12899286	12895906	0.02	cps
Bismuth	209-2	7455202	7498048	7437349	7463533	0.42	cps
Boron	10-1	16760	15016	15041	15606	6.40	cps
Boron	11-1	76477	73354	68179	72670	5.77	cps
Cadmium	111-1	2468	2651	2643	2587	4.00	cps
Cadmium	106-1	4701	5076	5143	4973	4.79	cps
Cadmium	108-1	17	17	29	21	34.64	cps
Calcium	43-1	500	625	533	553	11.71	cps
Calcium	44-1	17052	16444	14542	16013	8.18	cps
Chromium	52-2	1183	1240	1250	1225	2.94	cps
Cobalt	59-2	137	160	140	146	8.67	cps
Copper	63-2	1887	1877	1777	1847	3.29	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	92	25	58	58	57.14	cps
Erbium	164-2	23	23	37	28	27.73	cps
Gadolinium	160-1	92	100	100	97	4.95	cps
Gadolinium	160-2	230	243	227	233	3.78	cps
Holmium	165-1	19994229	20078224	20188372	20086942	0.48	cps
Holmium	165-2	10395012	10557714	10438864	10463863	0.80	cps
Indium	115-1	15247533	15363962	15406450	15339315	0.54	cps
Indium	115-2	3050375	3093410	3071332	3071706	0.70	cps
Iron	56-2	19096	19146	20025	19423	2.69	cps
Iron	57-2	506	567	550	541	5.84	cps
Lead	206-1	1183	1311	1117	1204	8.21	cps
Lead	207-1	1022	1045	1095	1054	3.51	cps
Lead	208-1	4795	5001	4856	4884	2.16	cps
Lithium	6-1	6064238	6065165	6070984	6066796	0.06	cps
Magnesium	24-2	1375	1525	1458	1453	5.17	cps
Manganese	55-2	100	127	117	114	11.77	cps

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	CCB097	Instrumnet Name :	P7
Client Sample ID :	CCB097	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 15:55:27	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2175	2167	1750	2031	11.97	cps
Molybdenum	95-1	2334	2200	2059	2197	6.26	cps
Molybdenum	96-1	2859	2725	2417	2667	8.50	cps
Molybdenum	97-1	1375	1483	1200	1353	10.57	cps
Molybdenum	98-1	3884	3717	2959	3520	14.01	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	127	117	127	123	4.68	cps
Phosphorus	31-2	175	150	67	131	43.45	cps
Potassium	39-2	25723	25714	25397	25612	0.72	cps
Rhodium	103-1	14365099	14296389	14388828	14350105	0.33	cps
Rhodium	103-2	7049448	7128811	7126248	7101502	0.64	cps
Scandium	45-1	10683716	10590832	10788167	10687572	0.92	cps
Scandium	45-2	505183	512237	508643	508688	0.69	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	65	74	69	69	6.73	cps
Selenium	82-1	18	-22	40	12	266.01	cps
Silicon	28-1	358367	355850	351584	355267	0.97	cps
Silver	109-1	725	792	633	717	11.09	cps
Silver	107-1	733	808	758	767	4.98	cps
Sodium	23-2	41024	41174	40263	40820	1.20	cps
Strontium	86-1	808	742	708	753	6.76	cps
Strontium	88-1	925	992	700	872	17.52	cps
Sulfur	34-1	274550	272354	272439	273115	0.46	cps
Terbium	159-1	20474255	20575308	20463956	20504506	0.30	cps
Terbium	159-2	10262906	10451608	10306861	10340458	0.95	cps
Thallium	203-1	1725	1750	1659	1711	2.77	cps
Thallium	205-1	4218	4234	3759	4070	6.63	cps
Thorium	232-1	4179	4523	4212	4305	4.41	cps
Tin	118-1	4126	4209	4001	4112	2.55	cps
Titanium	47-1	417	467	283	389	24.37	cps
Uranium	238-1	1075	1058	675	936	24.17	cps
Vanadium	51-2	40	27	40	36	21.64	cps
Yttrium	89-1	16189841	16224720	16341990	16252184	0.49	cps
Yttrium	89-2	2455352	2482468	2485961	2474594	0.68	cps
Zinc	66-2	580	523	460	521	11.52	cps

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	CCB097	Instrumnet Name :	P7
Client Sample ID :	CCB097	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 15:55:27	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2475	2425	2109	2336	8.51	cps
Zirconium	91-1	525	492	400	472	13.71	cps

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	PB112866BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 15:59:00	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	200	142	144	37.54	cps
Antimony	121-1	642	750	625	672	10.10	cps
Arsenic	75-2	4	9	15	9	60.01	cps
Barium	135-1	108	75	100	94	18.37	cps
Barium	137-1	92	92	133	106	22.79	cps
Beryllium	9-1	244	194	189	209	14.62	cps
Bismuth	209-1	12956455	13117405	12925368	12999743	0.79	cps
Bismuth	209-2	7514004	7551241	7556414	7540553	0.31	cps
Boron	10-1	8444	8253	7769	8155	4.27	cps
Boron	11-1	40613	38032	35843	38163	6.26	cps
Cadmium	111-1	2524	2693	2551	2589	3.51	cps
Cadmium	106-1	4909	5351	5018	5093	4.52	cps
Cadmium	108-1	8	17	17	14	34.67	cps
Calcium	43-1	175	308	267	250	27.28	cps
Calcium	44-1	11514	11080	10972	11189	2.56	cps
Chromium	52-2	1127	1320	1297	1248	8.46	cps
Cobalt	59-2	113	70	107	97	24.14	cps
Copper	63-2	1787	1673	1843	1768	4.90	cps
Dysprosium	156-1	8	17	0	8	100.02	cps
Dysprosium	156-2	3	7	10	7	50.03	cps
Erbium	164-1	83	42	92	72	37.09	cps
Erbium	164-2	20	47	13	27	66.16	cps
Gadolinium	160-1	175	67	67	103	60.86	cps
Gadolinium	160-2	273	317	263	284	9.97	cps
Holmium	165-1	20183263	20557426	20160453	20300381	1.10	cps
Holmium	165-2	10587742	10682266	10615092	10628367	0.46	cps
Indium	115-1	15437657	15694948	15550275	15560960	0.83	cps
Indium	115-2	3122638	3152278	3146164	3140360	0.50	cps
Iron	56-2	9220	9959	10215	9798	5.27	cps
Iron	57-2	333	367	311	337	8.30	cps
Lead	206-1	739	800	845	794	6.67	cps
Lead	207-1	844	900	822	856	4.68	cps
Lead	208-1	3734	3634	3673	3680	1.37	cps
Lithium	6-1	6145922	6224945	6141233	6170700	0.76	cps
Magnesium	24-2	1042	917	900	953	8.13	cps
Manganese	55-2	117	83	83	94	20.38	cps

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	PB112866BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 15:59:00	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	892	992	1042	975	7.83	cps
Molybdenum	95-1	792	625	483	633	24.37	cps
Molybdenum	96-1	925	792	825	847	8.19	cps
Molybdenum	97-1	358	417	433	403	9.78	cps
Molybdenum	98-1	1117	967	967	1017	8.52	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	120	110	103	111	7.55	cps
Phosphorus	31-2	183	183	108	158	27.35	cps
Potassium	39-2	23202	22960	23378	23180	0.90	cps
Rhodium	103-1	14505170	14742333	14696794	14648099	0.86	cps
Rhodium	103-2	7225125	7223930	7237268	7228774	0.10	cps
Scandium	45-1	10801023	11015831	10924449	10913768	0.99	cps
Scandium	45-2	519758	524006	522502	522088	0.41	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	63	67	94	75	23.04	cps
Selenium	82-1	-39	52	67	27	213.76	cps
Silicon	28-1	338504	337862	334646	337004	0.61	cps
Silver	109-1	375	358	200	311	31.05	cps
Silver	107-1	517	500	383	467	15.57	cps
Sodium	23-2	32544	32703	31534	32261	1.97	cps
Strontium	86-1	783	667	483	644	23.47	cps
Strontium	88-1	283	275	150	236	31.63	cps
Sulfur	34-1	275062	276112	273823	274999	0.42	cps
Terbium	159-1	20591369	20937604	20884428	20804467	0.90	cps
Terbium	159-2	10461656	10525063	10534901	10507207	0.38	cps
Thallium	203-1	700	550	700	650	13.32	cps
Thallium	205-1	1717	1383	1467	1522	11.40	cps
Thorium	232-1	2267	2022	2217	2169	5.96	cps
Tin	118-1	5878	3367	3884	4377	30.30	cps
Titanium	47-1	158	142	208	169	20.48	cps
Uranium	238-1	133	192	75	133	43.75	cps
Vanadium	51-2	10	20	20	17	34.64	cps
Yttrium	89-1	16402289	16653071	16588838	16548066	0.79	cps
Yttrium	89-2	2511657	2522698	2520186	2518180	0.23	cps
Zinc	66-2	487	493	510	497	2.42	cps

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	PB112866BL	Instrumnet Name :	P7
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 15:59:00	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1784	1767	1500	1684	9.45	cps
Zirconium	91-1	383	550	375	436	22.64	cps

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	PB112866BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 16:07:39	DataFile Name :	023LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7077	7210	6810	7032	2.90	cps
Antimony	121-1	47063	48117	49087	48089	2.10	cps
Arsenic	75-2	976	969	906	950	4.07	cps
Barium	135-1	65204	64275	64509	64663	0.75	cps
Barium	137-1	113193	112628	112562	112794	0.31	cps
Beryllium	9-1	7396	7558	7385	7446	1.29	cps
Bismuth	209-1	12713021	12864941	12918741	12832234	0.83	cps
Bismuth	209-2	7353818	7428627	7371832	7384759	0.53	cps
Boron	10-1	30857	30774	31818	31150	1.86	cps
Boron	11-1	144638	143803	146537	144992	0.97	cps
Cadmium	111-1	9485	9193	9039	9239	2.45	cps
Cadmium	106-1	5918	5910	5084	5637	8.50	cps
Cadmium	108-1	513	567	483	521	8.12	cps
Calcium	43-1	44501	45454	45788	45248	1.48	cps
Calcium	44-1	729087	738702	738825	735538	0.76	cps
Chromium	52-2	20982	21382	21065	21143	1.00	cps
Cobalt	59-2	15038	15332	15171	15180	0.97	cps
Copper	63-2	22354	22568	22948	22623	1.33	cps
Dysprosium	156-1	8	42	0	17	132.30	cps
Dysprosium	156-2	10	7	3	7	50.03	cps
Erbium	164-1	183	117	142	147	22.88	cps
Erbium	164-2	40	73	80	64	33.25	cps
Gadolinium	160-1	142	83	83	103	32.77	cps
Gadolinium	160-2	230	287	267	261	11.01	cps
Holmium	165-1	20121555	20139505	20421509	20227523	0.83	cps
Holmium	165-2	10398135	10465720	10361752	10408535	0.51	cps
Indium	115-1	15283894	15406900	15583782	15424858	0.98	cps
Indium	115-2	3069732	3118941	3106630	3098434	0.83	cps
Iron	56-2	1491683	1477540	1492190	1487138	0.56	cps
Iron	57-2	36746	37014	36897	36886	0.36	cps
Lead	206-1	22926	22353	23349	22876	2.19	cps
Lead	207-1	20327	20199	20833	20453	1.64	cps
Lead	208-1	92043	91816	92950	92269	0.65	cps
Lithium	6-1	6172524	6188717	6196720	6185987	0.20	cps
Magnesium	24-2	393781	391745	391852	392459	0.29	cps
Manganese	55-2	5798	5821	5918	5846	1.09	cps

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	PB112866BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 16:07:39	DataFile Name :	023LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	56612	56487	57524	56875	1.00	cps
Molybdenum	95-1	68339	68088	68540	68322	0.33	cps
Molybdenum	96-1	74596	76213	75458	75422	1.07	cps
Molybdenum	97-1	42949	42799	43542	43097	0.91	cps
Molybdenum	98-1	108494	108082	110402	108993	1.14	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	7	260	89	166.76	cps
Nickel	60-2	4484	3967	4357	4270	6.31	cps
Phosphorus	31-2	208	242	225	225	7.41	cps
Potassium	39-2	380814	377867	379870	379517	0.40	cps
Rhodium	103-1	14443419	14591623	14703643	14579562	0.90	cps
Rhodium	103-2	7081665	7185753	7147233	7138217	0.74	cps
Scandium	45-1	10943564	11039997	11135155	11039572	0.87	cps
Scandium	45-2	512215	520072	521999	518095	1.00	cps
Selenium	77-2	97	130	97	108	17.85	cps
Selenium	78-2	519	472	507	499	4.84	cps
Selenium	82-1	2558	2416	2514	2496	2.92	cps
Silicon	28-1	628688	627469	635363	630507	0.67	cps
Silver	109-1	32989	34551	33357	33633	2.43	cps
Silver	107-1	34468	35086	35086	34880	1.02	cps
Sodium	23-2	773677	774718	782595	776997	0.63	cps
Strontium	86-1	9912	9695	10054	9887	1.83	cps
Strontium	88-1	79327	80016	79687	79677	0.43	cps
Sulfur	34-1	294142	292008	289436	291862	0.81	cps
Terbium	159-1	20485776	20607598	20853503	20648959	0.91	cps
Terbium	159-2	10296139	10404605	10318480	10339742	0.55	cps
Thallium	203-1	26268	26978	26252	26499	1.57	cps
Thallium	205-1	63452	63736	62589	63259	0.94	cps
Thorium	232-1	95255	96565	96676	96165	0.82	cps
Tin	118-1	110659	112129	113749	112179	1.38	cps
Titanium	47-1	20874	21224	20690	20930	1.30	cps
Uranium	238-1	92503	94374	94954	93944	1.36	cps
Vanadium	51-2	37621	37357	37715	37565	0.49	cps
Yttrium	89-1	16420992	16589359	16702962	16571104	0.86	cps
Yttrium	89-2	2468396	2489508	2498729	2485544	0.63	cps
Zinc	66-2	3587	3657	3801	3682	2.95	cps

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	PB112866BS	Instrumnet Name :	P7
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 16:07:39	DataFile Name :	023LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	49202	48374	49963	49180	1.62	cps
Zirconium	91-1	11146	10821	10462	10810	3.16	cps

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	J4915-01	Instrumnet Name :	P7
Client Sample ID :	MC0AE9	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 16:11:13	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5444	4493	4376	4771	12.29	cps
Antimony	121-1	4476	4834	4693	4668	3.87	cps
Arsenic	75-2	154	144	135	144	6.41	cps
Barium	135-1	346805	339113	339860	341926	1.24	cps
Barium	137-1	597963	588365	581513	589280	1.40	cps
Beryllium	9-1	706	689	844	746	11.44	cps
Bismuth	209-1	14363869	14280486	14086836	14243730	1.00	cps
Bismuth	209-2	7885231	7870539	7854768	7870179	0.19	cps
Boron	10-1	43672	45027	45570	44756	2.18	cps
Boron	11-1	206344	209943	209838	208708	0.98	cps
Cadmium	111-1	3093	2909	2787	2930	5.25	cps
Cadmium	106-1	5610	5159	4934	5235	6.57	cps
Cadmium	108-1	29	42	25	32	27.15	cps
Calcium	43-1	1734506	1704409	1687468	1708794	1.39	cps
Calcium	44-1	29027282	28218343	28054683	28433436	1.83	cps
Chromium	52-2	9263	9210	9406	9293	1.10	cps
Cobalt	59-2	4844	4731	4507	4694	3.65	cps
Copper	63-2	51695	51618	51203	51505	0.51	cps
Dysprosium	156-1	550	475	617	547	12.95	cps
Dysprosium	156-2	283	297	307	296	3.96	cps
Erbium	164-1	742	817	783	781	4.81	cps
Erbium	164-2	337	360	360	352	3.82	cps
Gadolinium	160-1	733	825	758	772	6.14	cps
Gadolinium	160-2	590	577	617	594	3.43	cps
Holmium	165-1	22868423	22746890	22403056	22672790	1.06	cps
Holmium	165-2	11382439	11288708	11255530	11308892	0.58	cps
Indium	115-1	17297126	17182997	16879935	17120019	1.26	cps
Indium	115-2	3251721	3264112	3244245	3253359	0.31	cps
Iron	56-2	4246981	4194532	4185684	4209066	0.79	cps
Iron	57-2	110781	111722	109969	110824	0.79	cps
Lead	206-1	9231	8809	8659	8900	3.34	cps
Lead	207-1	8142	7691	7425	7753	4.68	cps
Lead	208-1	36804	34997	34268	35356	3.69	cps
Lithium	6-1	7049396	6968437	6873621	6963818	1.26	cps
Magnesium	24-2	4106483	4079861	4065945	4084096	0.50	cps
Manganese	55-2	1074130	1072331	1065441	1070634	0.43	cps

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	J4915-01	Instrumnet Name :	P7
Client Sample ID :	MC0AE9	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 16:11:13	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1017	908	1025	983	6.62	cps
Molybdenum	95-1	642	517	625	594	11.42	cps
Molybdenum	96-1	717	700	850	756	10.88	cps
Molybdenum	97-1	325	375	408	369	11.35	cps
Molybdenum	98-1	1000	992	700	897	19.04	cps
Neodymium	150-1	340	307	413	353	15.44	cps
Neodymium	150-2	160	143	107	137	19.96	cps
Nickel	60-2	36623	37217	35847	36562	1.88	cps
Phosphorus	31-2	417	483	417	439	8.77	cps
Potassium	39-2	768348	764197	759447	763997	0.58	cps
Rhodium	103-1	15938849	15592458	15332888	15621398	1.95	cps
Rhodium	103-2	7455719	7417864	7358865	7410816	0.66	cps
Scandium	45-1	12211824	12090417	11854354	12052198	1.51	cps
Scandium	45-2	543218	541253	539972	541481	0.30	cps
Selenium	77-2	27	33	33	31	12.36	cps
Selenium	78-2	176	243	178	199	19.10	cps
Selenium	82-1	745	698	740	728	3.55	cps
Silicon	28-1	77950298	76336725	75028685	76438569	1.91	cps
Silver	109-1	1592	2075	2392	2020	19.95	cps
Silver	107-1	1825	2042	2350	2072	12.73	cps
Sodium	23-2	33042480	32937393	32702503	32894125	0.53	cps
Strontium	86-1	429174	429163	421273	426537	1.07	cps
Strontium	88-1	3701386	3660623	3574401	3645470	1.78	cps
Sulfur	34-1	1890507	1860567	1833394	1861489	1.53	cps
Terbium	159-1	23455702	23187616	22820524	23154614	1.38	cps
Terbium	159-2	11241864	11154174	11137531	11177857	0.50	cps
Thallium	203-1	2625	2409	2142	2392	10.12	cps
Thallium	205-1	6085	6143	5501	5910	6.01	cps
Thorium	232-1	767	750	656	724	8.28	cps
Tin	118-1	4826	4918	4818	4854	1.14	cps
Titanium	47-1	1208	1625	1367	1400	15.03	cps
Uranium	238-1	6052	5835	6293	6060	3.79	cps
Vanadium	51-2	2500	2537	2387	2475	3.16	cps
Yttrium	89-1	18441341	18326224	17905938	18224501	1.55	cps
Yttrium	89-2	2632787	2623183	2614859	2623609	0.34	cps
Zinc	66-2	13630	13793	14114	13846	1.78	cps

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	J4915-01	Instrumnet Name :	P7
Client Sample ID :	MC0AE9	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 16:11:13	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2067	2100	1884	2017	5.79	cps
Zirconium	91-1	400	292	317	336	16.88	cps

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	J4915-02	Instrumnet Name :	P7
Client Sample ID :	MC0AF0	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 16:14:49	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3376	3234	3217	3275	2.66	cps
Antimony	121-1	3742	3451	3651	3615	4.13	cps
Arsenic	75-2	81	59	76	72	16.01	cps
Barium	135-1	37995	37769	36758	37507	1.76	cps
Barium	137-1	65940	66167	64508	65539	1.37	cps
Beryllium	9-1	122	167	144	144	15.38	cps
Bismuth	209-1	14429300	14369350	14170816	14323155	0.94	cps
Bismuth	209-2	7988431	7930849	7910352	7943211	0.51	cps
Boron	10-1	44758	43556	44558	44291	1.46	cps
Boron	11-1	207237	209049	209027	208438	0.50	cps
Cadmium	111-1	2846	2776	2828	2817	1.28	cps
Cadmium	106-1	5585	5468	5576	5543	1.17	cps
Cadmium	108-1	13	17	8	13	33.36	cps
Calcium	43-1	161348	163292	161059	161900	0.75	cps
Calcium	44-1	2696588	2676342	2652566	2675165	0.82	cps
Chromium	52-2	2844	2997	2814	2885	3.41	cps
Cobalt	59-2	727	707	733	722	1.92	cps
Copper	63-2	5651	5771	5444	5622	2.94	cps
Dysprosium	156-1	25	25	58	36	53.30	cps
Dysprosium	156-2	17	13	7	12	41.65	cps
Erbium	164-1	67	75	58	67	12.49	cps
Erbium	164-2	33	33	33	33	0.00	cps
Gadolinium	160-1	192	142	75	136	43.01	cps
Gadolinium	160-2	250	273	307	277	10.29	cps
Holmium	165-1	22259253	22124444	21827970	22070556	1.00	cps
Holmium	165-2	11236988	11149504	11072152	11152881	0.74	cps
Indium	115-1	16918617	16939995	16615109	16824574	1.08	cps
Indium	115-2	3235727	3221810	3181757	3213098	0.87	cps
Iron	56-2	29998	30916	30683	30532	1.56	cps
Iron	57-2	1472	1478	1483	1478	0.38	cps
Lead	206-1	1750	1778	1650	1726	3.89	cps
Lead	207-1	1322	1472	1378	1391	5.45	cps
Lead	208-1	6568	6906	6540	6671	3.06	cps
Lithium	6-1	6821871	6783729	6644879	6750160	1.38	cps
Magnesium	24-2	331464	331162	329030	330552	0.40	cps
Manganese	55-2	69785	71000	70206	70330	0.88	cps

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	J4915-02	Instrumnet Name :	P7
Client Sample ID :	MC0AF0	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 16:14:49	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	633	700	700	678	5.68	cps
Molybdenum	95-1	342	250	217	269	24.02	cps
Molybdenum	96-1	367	417	300	361	16.21	cps
Molybdenum	97-1	217	217	175	203	11.86	cps
Molybdenum	98-1	367	325	458	383	17.79	cps
Neodymium	150-1	33	13	27	24	41.66	cps
Neodymium	150-2	7	3	10	7	50.03	cps
Nickel	60-2	1017	983	883	961	7.22	cps
Phosphorus	31-2	3492	3292	3284	3356	3.52	cps
Potassium	39-2	276402	279546	279501	278483	0.65	cps
Rhodium	103-1	15563244	15473727	15216422	15417798	1.17	cps
Rhodium	103-2	7424198	7421318	7354862	7400126	0.53	cps
Scandium	45-1	11587726	11545598	11385385	11506236	0.93	cps
Scandium	45-2	521298	525299	520172	522256	0.52	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	83	74	65	74	12.49	cps
Selenium	82-1	31	74	2	36	101.50	cps
Silicon	28-1	35812311	35358274	35216672	35462419	0.88	cps
Silver	109-1	2250	2317	2467	2345	4.73	cps
Silver	107-1	2450	2750	2592	2598	5.78	cps
Sodium	23-2	15961197	15950360	15860765	15924107	0.35	cps
Strontium	86-1	93754	91347	90635	91912	1.78	cps
Strontium	88-1	805083	801072	795136	800430	0.63	cps
Sulfur	34-1	236075	234722	236286	235694	0.36	cps
Terbium	159-1	22820014	22717165	22287039	22608073	1.25	cps
Terbium	159-2	11031007	11011822	10951177	10998002	0.38	cps
Thallium	203-1	858	942	792	864	8.70	cps
Thallium	205-1	2384	2159	2284	2275	4.96	cps
Thorium	232-1	400	456	461	439	7.70	cps
Tin	118-1	4009	4184	4092	4095	2.14	cps
Titanium	47-1	967	892	808	889	8.91	cps
Uranium	238-1	50	75	100	75	33.34	cps
Vanadium	51-2	807	813	1010	877	13.18	cps
Yttrium	89-1	17807558	17627287	17453240	17629362	1.00	cps
Yttrium	89-2	2567621	2554001	2527760	2549794	0.79	cps
Zinc	66-2	20264	20308	20324	20299	0.15	cps

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	J4915-02	Instrumnet Name :	P7
Client Sample ID :	MC0AF0	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 16:14:49	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1408	1342	1458	1403	4.17	cps
Zirconium	91-1	433	258	350	347	25.21	cps

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	J4915-03	Instrumnet Name :	P7
Client Sample ID :	MC0AF1	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 16:18:23	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2900	2967	3050	2973	2.53	cps
Antimony	121-1	2717	2467	2700	2628	5.32	cps
Arsenic	75-2	41	24	39	35	26.43	cps
Barium	135-1	71442	70462	73553	71819	2.20	cps
Barium	137-1	123135	124478	124090	123901	0.56	cps
Beryllium	9-1	144	161	39	115	57.73	cps
Bismuth	209-1	13437710	13786855	13782054	13668873	1.46	cps
Bismuth	209-2	7599937	7606980	7524510	7577142	0.60	cps
Boron	10-1	29655	29788	30056	29833	0.68	cps
Boron	11-1	143385	142910	143929	143408	0.36	cps
Cadmium	111-1	2375	2413	2541	2443	3.56	cps
Cadmium	106-1	4701	4784	5059	4848	3.87	cps
Cadmium	108-1	13	29	38	26	48.24	cps
Calcium	43-1	3012633	2955535	2951808	2973325	1.15	cps
Calcium	44-1	49796227	49311872	48858259	49322120	0.95	cps
Chromium	52-2	1187	1057	1153	1132	5.96	cps
Cobalt	59-2	453	533	447	478	10.09	cps
Copper	63-2	3234	3160	3257	3217	1.57	cps
Dysprosium	156-1	33	8	33	25	57.74	cps
Dysprosium	156-2	0	20	27	16	89.22	cps
Erbium	164-1	125	92	108	108	15.39	cps
Erbium	164-2	43	47	40	43	7.70	cps
Gadolinium	160-1	142	133	58	111	41.30	cps
Gadolinium	160-2	320	240	227	262	19.25	cps
Holmium	165-1	21378559	22020265	21934547	21777790	1.60	cps
Holmium	165-2	10959852	10932087	10912349	10934762	0.22	cps
Indium	115-1	15932436	16375832	16312159	16206809	1.48	cps
Indium	115-2	3109395	3089403	3083527	3094108	0.44	cps
Iron	56-2	13407	13262	13568	13412	1.14	cps
Iron	57-2	12422	12400	12622	12482	0.98	cps
Lead	206-1	1022	1167	1128	1106	6.76	cps
Lead	207-1	928	939	1072	980	8.21	cps
Lead	208-1	4284	4384	4645	4437	4.20	cps
Lithium	6-1	6393939	6559387	6534105	6495810	1.37	cps
Magnesium	24-2	5594379	5577177	5551594	5574383	0.39	cps
Manganese	55-2	4724	4631	4611	4655	1.30	cps

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	J4915-03	Instrumnet Name :	P7
Client Sample ID :	MC0AF1	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 16:18:23	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	625	708	833	722	14.52	cps
Molybdenum	95-1	167	175	158	167	5.00	cps
Molybdenum	96-1	275	275	358	303	15.89	cps
Molybdenum	97-1	75	158	67	100	50.69	cps
Molybdenum	98-1	258	358	375	331	19.09	cps
Neodymium	150-1	33	53	33	40	28.88	cps
Neodymium	150-2	7	17	13	12	41.65	cps
Nickel	60-2	7142	7259	7459	7286	2.20	cps
Phosphorus	31-2	350	267	258	292	17.38	cps
Potassium	39-2	616888	615606	612832	615109	0.34	cps
Rhodium	103-1	14478257	14787619	14806770	14690882	1.26	cps
Rhodium	103-2	7080629	7026435	7011525	7039530	0.52	cps
Scandium	45-1	10954328	11233337	11182933	11123533	1.34	cps
Scandium	45-2	514032	512652	507117	511267	0.72	cps
Selenium	77-2	27	27	20	24	15.75	cps
Selenium	78-2	126	143	130	133	6.59	cps
Selenium	82-1	407	377	418	401	5.39	cps
Silicon	28-1	64532779	63508170	63509456	63850135	0.93	cps
Silver	109-1	1942	2125	2734	2267	18.28	cps
Silver	107-1	1942	2442	2575	2320	14.40	cps
Sodium	23-2	31681281	31555524	31520453	31585752	0.27	cps
Strontium	86-1	618618	611666	610010	613432	0.74	cps
Strontium	88-1	5362446	5227265	5259468	5283059	1.34	cps
Sulfur	34-1	1557674	1543540	1540618	1547277	0.59	cps
Terbium	159-1	21664078	22249890	22404553	22106174	1.77	cps
Terbium	159-2	10802042	10723101	10628043	10717728	0.81	cps
Thallium	203-1	658	492	475	542	18.72	cps
Thallium	205-1	1458	1275	1383	1372	6.72	cps
Thorium	232-1	339	389	506	411	20.80	cps
Tin	118-1	3434	3551	3909	3631	6.82	cps
Titanium	47-1	1117	1033	983	1045	6.45	cps
Uranium	238-1	200	175	142	172	16.99	cps
Vanadium	51-2	783	703	750	746	5.39	cps
Yttrium	89-1	16848613	17289733	17254059	17130802	1.43	cps
Yttrium	89-2	2497470	2478893	2464852	2480405	0.66	cps
Zinc	66-2	10077	9827	10017	9974	1.31	cps

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	J4915-03	Instrumnet Name :	P7
Client Sample ID :	MC0AF1	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 16:18:23	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1675	1692	1684	1683	0.50	cps
Zirconium	91-1	300	342	342	328	7.34	cps

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	J4915-04	Instrumnet Name :	P7
Client Sample ID :	MC0AF2	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 16:22:00	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2500	2867	2717	2695	6.84	cps
Antimony	121-1	2150	2500	2525	2392	8.77	cps
Arsenic	75-2	26	41	26	31	27.70	cps
Barium	135-1	75237	75328	76419	75661	0.87	cps
Barium	137-1	131409	130518	130448	130791	0.41	cps
Beryllium	9-1	106	139	172	139	24.00	cps
Bismuth	209-1	13731911	13597823	13470557	13600097	0.96	cps
Bismuth	209-2	7445068	7394852	7372675	7404198	0.50	cps
Boron	10-1	21090	21207	21624	21307	1.32	cps
Boron	11-1	103261	101902	105173	103445	1.59	cps
Cadmium	111-1	2506	2358	2554	2473	4.12	cps
Cadmium	106-1	5018	4701	5093	4937	4.21	cps
Cadmium	108-1	17	13	13	14	17.33	cps
Calcium	43-1	2932960	2870044	2852837	2885280	1.46	cps
Calcium	44-1	48787355	48111592	47510313	48136420	1.33	cps
Chromium	52-2	1283	1494	1220	1332	10.75	cps
Cobalt	59-2	917	893	827	879	5.31	cps
Copper	63-2	3304	3344	3274	3307	1.06	cps
Dysprosium	156-1	42	0	42	28	86.60	cps
Dysprosium	156-2	10	13	20	14	35.26	cps
Erbium	164-1	100	67	117	94	26.96	cps
Erbium	164-2	37	20	37	31	30.93	cps
Gadolinium	160-1	125	183	67	125	46.67	cps
Gadolinium	160-2	217	233	223	224	3.74	cps
Holmium	165-1	21908811	21587175	21474563	21656850	1.04	cps
Holmium	165-2	10769092	10650477	10601493	10673687	0.81	cps
Indium	115-1	16167941	15931090	15866262	15988431	0.99	cps
Indium	115-2	3035920	3000545	2995486	3010651	0.73	cps
Iron	56-2	12339	12139	12921	12466	3.26	cps
Iron	57-2	12428	11933	11833	12065	2.64	cps
Lead	206-1	1083	1172	1128	1128	3.94	cps
Lead	207-1	1011	1033	983	1009	2.48	cps
Lead	208-1	4495	4595	4523	4537	1.14	cps
Lithium	6-1	6410487	6430944	6323022	6388151	0.90	cps
Magnesium	24-2	5544849	5514389	5462443	5507227	0.76	cps
Manganese	55-2	9883	9727	9507	9706	1.95	cps

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	J4915-04	Instrumnet Name :	P7
Client Sample ID :	MC0AF2	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 16:22:00	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	692	533	650	625	13.13	cps
Molybdenum	95-1	133	192	183	169	18.62	cps
Molybdenum	96-1	275	250	317	281	12.00	cps
Molybdenum	97-1	108	167	117	131	24.17	cps
Molybdenum	98-1	175	267	233	225	20.62	cps
Neodymium	150-1	40	7	47	31	68.88	cps
Neodymium	150-2	210	7	7	75	157.70	cps
Nickel	60-2	4637	4734	4671	4681	1.05	cps
Phosphorus	31-2	508	458	500	489	5.48	cps
Potassium	39-2	583251	577567	567906	576241	1.35	cps
Rhodium	103-1	14699563	14469785	14408889	14526079	1.06	cps
Rhodium	103-2	6913245	6872567	6852928	6879580	0.45	cps
Scandium	45-1	11074928	10983225	10863746	10973966	0.96	cps
Scandium	45-2	497320	495225	491582	494709	0.59	cps
Selenium	77-2	17	10	7	11	45.82	cps
Selenium	78-2	85	91	117	98	17.23	cps
Selenium	82-1	301	288	372	320	14.04	cps
Silicon	28-1	60209212	59512774	59405897	59709294	0.73	cps
Silver	109-1	1792	2117	1975	1961	8.31	cps
Silver	107-1	2192	2192	2025	2136	4.50	cps
Sodium	23-2	30765222	30581604	30381676	30576167	0.63	cps
Strontium	86-1	607677	600460	607815	605317	0.70	cps
Strontium	88-1	5245595	5174731	5197872	5206066	0.69	cps
Sulfur	34-1	1470563	1451360	1444850	1455591	0.92	cps
Terbium	159-1	22165500	22118000	21763991	22015830	1.00	cps
Terbium	159-2	10608654	10554291	10488654	10550533	0.57	cps
Thallium	203-1	425	308	367	367	15.91	cps
Thallium	205-1	842	683	867	797	12.47	cps
Thorium	232-1	356	378	317	350	8.84	cps
Tin	118-1	3734	3767	3942	3815	2.93	cps
Titanium	47-1	1025	1008	1058	1031	2.47	cps
Uranium	238-1	58	125	92	92	36.36	cps
Vanadium	51-2	540	553	670	588	12.17	cps
Yttrium	89-1	17168250	16876646	16888894	16977930	0.97	cps
Yttrium	89-2	2438447	2427746	2409392	2425195	0.61	cps
Zinc	66-2	6472	6258	6331	6354	1.71	cps

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	J4915-04	Instrumnet Name :	P7
Client Sample ID :	MC0AF2	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 16:22:00	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1442	1684	1750	1625	9.98	cps
Zirconium	91-1	292	317	283	297	5.84	cps

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	J4915-05	Instrumnet Name :	P7
Client Sample ID :	MC0AF4	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 16:25:37	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3484	3467	3284	3412	3.25	cps
Antimony	121-1	2342	2334	2342	2339	0.21	cps
Arsenic	75-2	43	30	41	38	18.62	cps
Barium	135-1	77340	77181	76327	76949	0.71	cps
Barium	137-1	133394	132585	132250	132743	0.44	cps
Beryllium	9-1	94	133	150	126	22.64	cps
Bismuth	209-1	13862242	13651026	13627474	13713581	0.94	cps
Bismuth	209-2	7411112	7400261	7256309	7355894	1.17	cps
Boron	10-1	20673	21441	21841	21318	2.78	cps
Boron	11-1	100046	103235	102622	101968	1.66	cps
Cadmium	111-1	2311	2456	2548	2438	4.89	cps
Cadmium	106-1	4618	4876	4976	4823	3.84	cps
Cadmium	108-1	21	17	4	14	62.43	cps
Calcium	43-1	2916875	2891971	2889200	2899349	0.53	cps
Calcium	44-1	48401371	47938243	48056105	48131906	0.50	cps
Chromium	52-2	3310	3277	3200	3263	1.73	cps
Cobalt	59-2	990	860	997	949	8.12	cps
Copper	63-2	108176	106101	106199	106825	1.10	cps
Dysprosium	156-1	17	50	50	39	49.48	cps
Dysprosium	156-2	7	23	20	17	52.90	cps
Erbium	164-1	92	83	67	81	15.80	cps
Erbium	164-2	27	37	30	31	16.37	cps
Gadolinium	160-1	133	125	100	119	14.52	cps
Gadolinium	160-2	297	213	220	243	19.03	cps
Holmium	165-1	21917102	21680893	21555380	21717792	0.85	cps
Holmium	165-2	10716307	10619925	10516363	10617532	0.94	cps
Indium	115-1	16113440	15934043	15801804	15949762	0.98	cps
Indium	115-2	3016207	2989922	2956898	2987676	0.99	cps
Iron	56-2	38362	38623	38367	38451	0.39	cps
Iron	57-2	12372	12550	12122	12348	1.74	cps
Lead	206-1	7096	7174	7452	7241	2.58	cps
Lead	207-1	6168	6146	6068	6128	0.86	cps
Lead	208-1	28068	28318	28824	28403	1.36	cps
Lithium	6-1	6423778	6378191	6357531	6386500	0.53	cps
Magnesium	24-2	5490896	5422727	5380809	5431477	1.02	cps
Manganese	55-2	10010	9967	9977	9985	0.23	cps

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	J4915-05	Instrumnet Name :	P7
Client Sample ID :	MC0AF4	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 16:25:37	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	792	617	675	694	12.83	cps
Molybdenum	95-1	142	217	167	175	21.82	cps
Molybdenum	96-1	275	300	200	258	20.15	cps
Molybdenum	97-1	92	208	108	136	46.36	cps
Molybdenum	98-1	183	217	275	225	20.62	cps
Neodymium	150-1	33	40	13	29	48.05	cps
Neodymium	150-2	23	13	17	18	28.64	cps
Nickel	60-2	5304	5514	5308	5376	2.24	cps
Phosphorus	31-2	608	475	508	531	13.08	cps
Potassium	39-2	573984	577306	565945	572412	1.02	cps
Rhodium	103-1	14586245	14471404	14402319	14486656	0.64	cps
Rhodium	103-2	6890041	6799878	6754761	6814893	1.01	cps
Scandium	45-1	11014586	10838214	10852310	10901703	0.90	cps
Scandium	45-2	495149	487719	483246	488705	1.23	cps
Selenium	77-2	13	23	20	19	26.96	cps
Selenium	78-2	98	111	104	104	6.23	cps
Selenium	82-1	397	317	354	356	11.23	cps
Silicon	28-1	59437501	58818041	58530320	58928621	0.79	cps
Silver	109-1	2109	2100	2184	2131	2.15	cps
Silver	107-1	2084	1875	2375	2111	11.90	cps
Sodium	23-2	30325225	29979232	29685884	29996780	1.07	cps
Strontium	86-1	600978	604527	604960	603489	0.36	cps
Strontium	88-1	5240104	5184188	5199224	5207839	0.56	cps
Sulfur	34-1	1441975	1452525	1438555	1444351	0.50	cps
Terbium	159-1	22145217	22105662	22043860	22098246	0.23	cps
Terbium	159-2	10578915	10420242	10367648	10455602	1.05	cps
Thallium	203-1	233	375	267	292	25.40	cps
Thallium	205-1	725	817	708	750	7.78	cps
Thorium	232-1	372	367	344	361	4.07	cps
Tin	118-1	4134	4551	4251	4312	4.99	cps
Titanium	47-1	1108	1025	1150	1095	5.82	cps
Uranium	238-1	183	158	142	161	13.02	cps
Vanadium	51-2	757	723	693	724	4.37	cps
Yttrium	89-1	17110546	16908594	16702441	16907194	1.21	cps
Yttrium	89-2	2433060	2388779	2373044	2398294	1.30	cps
Zinc	66-2	14871	14607	14771	14750	0.90	cps

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	J4915-05	Instrumnet Name :	P7
Client Sample ID :	MC0AF4	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 16:25:37	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1525	1784	1642	1650	7.84	cps
Zirconium	91-1	383	400	383	389	2.47	cps

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	J4915-06RE	Instrumnet Name :	P7
Client Sample ID :	MC0AF5	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 16:29:14	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3159	3292	3417	3289	3.93	cps
Antimony	121-1	3526	3667	3626	3606	2.02	cps
Arsenic	75-2	69	69	80	72	8.88	cps
Barium	135-1	37936	37936	37568	37813	0.56	cps
Barium	137-1	66292	65958	65011	65754	1.01	cps
Beryllium	9-1	139	100	133	124	16.95	cps
Bismuth	209-1	13943114	13813926	13827554	13861531	0.51	cps
Bismuth	209-2	7613966	7532199	7546636	7564267	0.58	cps
Boron	10-1	37648	37823	39787	38419	3.09	cps
Boron	11-1	174749	182296	182326	179790	2.43	cps
Cadmium	111-1	3217	2927	2773	2972	7.59	cps
Cadmium	106-1	5293	4843	4551	4895	7.64	cps
Cadmium	108-1	54	46	46	49	9.91	cps
Calcium	43-1	143052	145711	145223	144662	0.98	cps
Calcium	44-1	2313063	2403573	2405231	2373955	2.22	cps
Chromium	52-2	10551	10797	10487	10612	1.54	cps
Cobalt	59-2	1117	1020	1047	1061	4.71	cps
Copper	63-2	5311	5251	5231	5264	0.79	cps
Dysprosium	156-1	33	50	42	42	20.00	cps
Dysprosium	156-2	7	20	13	13	49.99	cps
Erbium	164-1	58	67	125	83	43.59	cps
Erbium	164-2	43	50	20	38	41.70	cps
Gadolinium	160-1	133	83	175	131	35.15	cps
Gadolinium	160-2	233	213	247	231	7.26	cps
Holmium	165-1	21233035	21172476	21106572	21170694	0.30	cps
Holmium	165-2	10515820	10491270	10433437	10480176	0.40	cps
Indium	115-1	15934181	15699277	15658749	15764069	0.94	cps
Indium	115-2	2972060	2957358	2955399	2961606	0.31	cps
Iron	56-2	1303328	1290305	1286516	1293383	0.68	cps
Iron	57-2	33895	32843	32704	33147	1.97	cps
Lead	206-1	5323	5457	5496	5425	1.67	cps
Lead	207-1	4579	4662	4623	4621	0.90	cps
Lead	208-1	21146	21279	21858	21428	1.77	cps
Lithium	6-1	6189876	6114594	6132289	6145586	0.64	cps
Magnesium	24-2	294134	293779	290600	292838	0.66	cps
Manganese	55-2	69132	67266	68087	68161	1.37	cps

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	J4915-06RE	Instrumnet Name :	P7
Client Sample ID :	MC0AF5	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 16:29:14	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	750	850	833	811	6.61	cps
Molybdenum	95-1	308	367	233	303	22.08	cps
Molybdenum	96-1	375	417	542	444	19.52	cps
Molybdenum	97-1	225	333	225	261	23.95	cps
Molybdenum	98-1	608	583	558	583	4.29	cps
Neodymium	150-1	0	20	27	16	89.22	cps
Neodymium	150-2	20	10	10	13	43.30	cps
Nickel	60-2	3450	3787	3574	3604	4.73	cps
Phosphorus	31-2	3392	3067	3209	3223	5.06	cps
Potassium	39-2	250380	248795	250132	249769	0.34	cps
Rhodium	103-1	14562344	14531332	14368904	14487527	0.72	cps
Rhodium	103-2	6889295	6889311	6815881	6864829	0.62	cps
Scandium	45-1	10610261	10473979	10485878	10523373	0.72	cps
Scandium	45-2	476801	475013	472739	474851	0.43	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	87	72	74	78	10.38	cps
Selenium	82-1	-31	15	1	-5	-490.96	cps
Silicon	28-1	32159275	32240672	31855872	32085273	0.63	cps
Silver	109-1	1759	1725	1867	1784	4.15	cps
Silver	107-1	1767	1984	2175	1975	10.35	cps
Sodium	23-2	14330654	14284093	14233529	14282759	0.34	cps
Strontium	86-1	83685	83743	83157	83528	0.39	cps
Strontium	88-1	717551	716621	713343	715838	0.31	cps
Sulfur	34-1	276342	274917	271514	274258	0.90	cps
Terbium	159-1	21616366	21535318	21428707	21526797	0.44	cps
Terbium	159-2	10429004	10279566	10238070	10315547	0.97	cps
Thallium	203-1	392	267	283	314	21.62	cps
Thallium	205-1	608	625	650	628	3.34	cps
Thorium	232-1	294	356	339	330	9.58	cps
Tin	118-1	4117	4426	4534	4359	4.96	cps
Titanium	47-1	1050	1133	1092	1092	3.82	cps
Uranium	238-1	92	108	50	83	36.06	cps
Vanadium	51-2	767	760	717	748	3.63	cps
Yttrium	89-1	16592739	16353839	16414766	16453781	0.75	cps
Yttrium	89-2	2348872	2363725	2346932	2353176	0.39	cps
Zinc	66-2	19934	19810	19483	19742	1.18	cps

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	J4915-06RE	Instrumnet Name :	P7
Client Sample ID :	MC0AF5	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 16:29:14	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1358	1217	1542	1372	11.88	cps
Zirconium	91-1	292	233	308	278	14.18	cps

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	J4915-07	Instrumnet Name :	P7
Client Sample ID :	MC0AF5D	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 16:32:49	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2909	3009	2909	2942	1.96	cps
Antimony	121-1	3559	3726	4117	3801	7.54	cps
Arsenic	75-2	124	89	78	97	24.94	cps
Barium	135-1	37092	37544	36181	36939	1.88	cps
Barium	137-1	64459	64182	63504	64049	0.77	cps
Beryllium	9-1	133	122	139	131	6.45	cps
Bismuth	209-1	14104639	14075934	14022866	14067813	0.29	cps
Bismuth	209-2	7722717	7655663	7646784	7675054	0.54	cps
Boron	10-1	39143	39503	39594	39413	0.61	cps
Boron	11-1	181334	184808	187760	184634	1.74	cps
Cadmium	111-1	2551	2500	2435	2495	2.34	cps
Cadmium	106-1	5101	4968	4843	4971	2.60	cps
Cadmium	108-1	17	13	17	15	15.76	cps
Calcium	43-1	148152	146713	145172	146679	1.02	cps
Calcium	44-1	2446325	2419893	2414505	2426908	0.70	cps
Chromium	52-2	1320	1350	1380	1350	2.22	cps
Cobalt	59-2	660	737	657	684	6.61	cps
Copper	63-2	3651	3360	3617	3543	4.48	cps
Dysprosium	156-1	25	33	25	28	17.31	cps
Dysprosium	156-2	10	7	10	9	21.63	cps
Erbium	164-1	67	100	117	94	26.96	cps
Erbium	164-2	23	40	30	31	26.97	cps
Gadolinium	160-1	217	117	108	147	40.95	cps
Gadolinium	160-2	240	207	230	226	7.59	cps
Holmium	165-1	21430347	21335564	21329048	21364986	0.27	cps
Holmium	165-2	10641932	10652729	10588473	10627712	0.32	cps
Indium	115-1	15976707	15959566	15813110	15916461	0.56	cps
Indium	115-2	3002336	2987202	2979186	2989574	0.39	cps
Iron	56-2	15431	15631	15292	15451	1.10	cps
Iron	57-2	1000	833	1089	974	13.32	cps
Lead	206-1	1178	1067	1111	1119	5.00	cps
Lead	207-1	939	1033	967	980	4.96	cps
Lead	208-1	4384	4239	4428	4350	2.27	cps
Lithium	6-1	6249972	6218779	6167864	6212205	0.67	cps
Magnesium	24-2	295789	295426	293624	294946	0.39	cps
Manganese	55-2	66282	64544	65709	65512	1.35	cps

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	J4915-07	Instrumnet Name :	P7
Client Sample ID :	MC0AF5D	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 16:32:49	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	675	542	417	544	23.73	cps
Molybdenum	95-1	125	125	125	125	0.00	cps
Molybdenum	96-1	267	275	242	261	6.64	cps
Molybdenum	97-1	92	50	50	64	37.66	cps
Molybdenum	98-1	200	250	142	197	27.49	cps
Neodymium	150-1	47	27	7	27	74.99	cps
Neodymium	150-2	0	7	3	3	100.05	cps
Nickel	60-2	497	463	473	478	3.58	cps
Phosphorus	31-2	3125	3109	3259	3164	2.60	cps
Potassium	39-2	248048	253225	248210	249828	1.18	cps
Rhodium	103-1	14681515	14475247	14479841	14545535	0.81	cps
Rhodium	103-2	6987827	6959863	6933523	6960404	0.39	cps
Scandium	45-1	10613053	10543596	10511322	10555990	0.49	cps
Scandium	45-2	479062	479765	473605	477478	0.71	cps
Selenium	77-2	17	10	3	10	66.70	cps
Selenium	78-2	57	56	56	56	1.90	cps
Selenium	82-1	-28	7	-2	-8	-240.83	cps
Silicon	28-1	32355546	32029856	31983939	32123114	0.63	cps
Silver	109-1	1717	1667	1684	1689	1.51	cps
Silver	107-1	1742	1917	2075	1911	8.72	cps
Sodium	23-2	14493232	14471428	14455478	14473379	0.13	cps
Strontium	86-1	85395	82763	82386	83515	1.96	cps
Strontium	88-1	728345	720034	717603	721994	0.78	cps
Sulfur	34-1	256268	256811	258124	257068	0.37	cps
Terbium	159-1	22064117	21671927	21519683	21751909	1.29	cps
Terbium	159-2	10483428	10460129	10401463	10448340	0.40	cps
Thallium	203-1	200	225	225	217	6.66	cps
Thallium	205-1	592	467	558	539	12.01	cps
Thorium	232-1	333	311	289	311	7.15	cps
Tin	118-1	3959	3701	3859	3840	3.39	cps
Titanium	47-1	917	1083	833	945	13.48	cps
Uranium	238-1	117	67	58	81	39.16	cps
Vanadium	51-2	533	600	670	601	11.37	cps
Yttrium	89-1	16656850	16565121	16552009	16591327	0.34	cps
Yttrium	89-2	2374633	2379645	2357307	2370528	0.49	cps
Zinc	66-2	18415	18659	18659	18578	0.76	cps

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	J4915-07	Instrumnet Name :	P7
Client Sample ID :	MC0AF5D	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 16:32:49	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1550	1308	1267	1375	11.13	cps
Zirconium	91-1	275	233	258	256	8.20	cps

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	J4915-06LX5	Instrumnet Name :	P7
Client Sample ID :	MC0AF5L	Dilution Factor :	5
Date & Time Acquired ::	2018-09-14 16:36:23	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	608	675	517	600	13.25	cps
Antimony	121-1	992	817	808	872	11.87	cps
Arsenic	75-2	22	7	7	12	69.25	cps
Barium	135-1	6652	6644	6785	6694	1.19	cps
Barium	137-1	11839	11547	11839	11742	1.44	cps
Beryllium	9-1	133	178	161	157	14.26	cps
Bismuth	209-1	12876917	12499478	12507784	12628060	1.71	cps
Bismuth	209-2	6839679	6822757	6876683	6846373	0.40	cps
Boron	10-1	11930	11947	12039	11972	0.49	cps
Boron	11-1	57795	57469	55110	56791	2.58	cps
Cadmium	111-1	2264	2407	2350	2340	3.08	cps
Cadmium	106-1	4526	4809	4693	4676	3.05	cps
Cadmium	108-1	17	8	13	13	33.36	cps
Calcium	43-1	26366	26550	27251	26722	1.75	cps
Calcium	44-1	436642	436934	431091	434889	0.76	cps
Chromium	52-2	1050	1047	1117	1071	3.69	cps
Cobalt	59-2	193	130	127	150	25.04	cps
Copper	63-2	2204	2144	2070	2139	3.12	cps
Dysprosium	156-1	25	17	17	19	24.73	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	100	58	92	83	26.45	cps
Erbium	164-2	27	27	23	26	7.55	cps
Gadolinium	160-1	117	92	108	106	12.06	cps
Gadolinium	160-2	200	217	223	213	5.63	cps
Holmium	165-1	19781796	19096326	19039974	19306032	2.14	cps
Holmium	165-2	9544619	9449282	9567923	9520608	0.66	cps
Indium	115-1	14704685	14172852	14119981	14332506	2.26	cps
Indium	115-2	2673929	2665624	2687014	2675522	0.40	cps
Iron	56-2	7569	7624	7752	7649	1.23	cps
Iron	57-2	378	350	411	380	8.06	cps
Lead	206-1	689	550	517	585	15.61	cps
Lead	207-1	506	589	450	515	13.58	cps
Lead	208-1	2328	2356	2428	2371	2.18	cps
Lithium	6-1	5557147	5415971	5410755	5461291	1.52	cps
Magnesium	24-2	54651	54383	55721	54918	1.29	cps
Manganese	55-2	12352	12022	12259	12211	1.39	cps

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	J4915-06LX5	Instrumnet Name :	P7
Client Sample ID :	MC0AF5L	Dilution Factor :	5
Date & Time Acquired ::	2018-09-14 16:36:23	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	508	458	550	506	9.08	cps
Molybdenum	95-1	167	100	133	133	25.00	cps
Molybdenum	96-1	183	225	217	208	10.58	cps
Molybdenum	97-1	100	92	42	78	40.56	cps
Molybdenum	98-1	233	233	192	219	10.96	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	163	153	180	166	8.13	cps
Phosphorus	31-2	783	608	625	672	14.37	cps
Potassium	39-2	60809	60917	60959	60895	0.13	cps
Rhodium	103-1	13545520	13092775	13150879	13263058	1.86	cps
Rhodium	103-2	6280864	6239009	6285180	6268351	0.41	cps
Scandium	45-1	9743799	9411446	9309938	9488394	2.39	cps
Scandium	45-2	422936	423736	430482	425718	0.97	cps
Selenium	77-2	3	0	7	3	100.05	cps
Selenium	78-2	67	59	63	63	5.88	cps
Selenium	82-1	15	38	46	33	48.60	cps
Silicon	28-1	6000086	6024491	6079249	6034609	0.67	cps
Silver	109-1	758	842	858	820	6.54	cps
Silver	107-1	992	842	908	914	8.22	cps
Sodium	23-2	2652112	2666500	2682130	2666914	0.56	cps
Strontium	86-1	15509	15951	15125	15528	2.66	cps
Strontium	88-1	132221	130899	133482	132201	0.98	cps
Sulfur	34-1	264524	264118	263116	263919	0.27	cps
Terbium	159-1	20262846	19412649	19321663	19665719	2.64	cps
Terbium	159-2	9340675	9368669	9393426	9367590	0.28	cps
Thallium	203-1	67	150	133	117	37.80	cps
Thallium	205-1	283	242	342	289	17.39	cps
Thorium	232-1	511	500	561	524	6.21	cps
Tin	118-1	3117	2950	3150	3073	3.49	cps
Titanium	47-1	217	292	267	258	14.78	cps
Uranium	238-1	58	17	42	39	53.93	cps
Vanadium	51-2	143	133	173	150	13.88	cps
Yttrium	89-1	15370760	14781211	14810880	14987617	2.22	cps
Yttrium	89-2	2102397	2121104	2124842	2116114	0.57	cps
Zinc	66-2	3344	3357	3397	3366	0.82	cps

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	J4915-06LX5	Instrumnet Name :	P7
Client Sample ID :	MC0AF5L	Dilution Factor :	5
Date & Time Acquired ::	2018-09-14 16:36:23	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1375	1217	1158	1250	8.97	cps
Zirconium	91-1	358	400	208	322	31.29	cps

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	J4915-08	Instrumnet Name :	P7
Client Sample ID :	MC0AF5S	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 16:39:56	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	316974	313235	307967	312725	1.45	cps
Antimony	121-1	1368600	1359304	1391885	1373263	1.22	cps
Arsenic	75-2	20186	19992	20205	20128	0.59	cps
Barium	135-1	7185333	7153238	7291081	7209884	1.00	cps
Barium	137-1	12454627	12446870	12619668	12507055	0.78	cps
Beryllium	9-1	196110	192072	198152	195445	1.58	cps
Bismuth	209-1	13961150	13812324	14042544	13938673	0.84	cps
Bismuth	209-2	7655205	7623129	7578011	7618782	0.51	cps
Boron	10-1	36069	37280	38876	37408	3.76	cps
Boron	11-1	171462	179081	182799	177781	3.25	cps
Cadmium	111-1	194616	192612	194065	193764	0.53	cps
Cadmium	106-1	22368	22460	22585	22471	0.48	cps
Cadmium	108-1	12698	13002	13277	12992	2.23	cps
Calcium	43-1	144089	142320	143355	143255	0.62	cps
Calcium	44-1	2299581	2255764	2296382	2283909	1.07	cps
Chromium	52-2	918775	921953	912613	917780	0.52	cps
Cobalt	59-2	3681801	3670598	3642889	3665096	0.55	cps
Copper	63-2	1300606	1310721	1305816	1305714	0.39	cps
Dysprosium	156-1	58	50	83	64	27.15	cps
Dysprosium	156-2	93	83	70	82	14.24	cps
Erbium	164-1	25	108	75	69	60.40	cps
Erbium	164-2	20	20	30	23	24.74	cps
Gadolinium	160-1	117	125	142	128	9.96	cps
Gadolinium	160-2	250	257	240	249	3.37	cps
Holmium	165-1	21458403	21053742	21361115	21291087	0.99	cps
Holmium	165-2	10598221	10539823	10442858	10526967	0.75	cps
Indium	115-1	15813480	15639228	15808112	15753607	0.63	cps
Indium	115-2	2941433	2960168	2919735	2940445	0.69	cps
Iron	56-2	3889691	3870776	3837583	3866017	0.68	cps
Iron	57-2	95688	97661	97058	96802	1.04	cps
Lead	206-1	251395	253731	259444	254857	1.62	cps
Lead	207-1	228179	230241	233515	230645	1.17	cps
Lead	208-1	1021647	1024504	1042778	1029643	1.11	cps
Lithium	6-1	6099726	6058146	6161002	6106291	0.85	cps
Magnesium	24-2	291372	289934	288280	289862	0.53	cps
Manganese	55-2	1400566	1407913	1390842	1399774	0.61	cps

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	J4915-08	Instrumnet Name :	P7
Client Sample ID :	MC0AF5S	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 16:39:56	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2500	2284	2425	2403	4.58	cps
Molybdenum	95-1	3184	3201	3451	3278	4.56	cps
Molybdenum	96-1	3809	3592	3767	3723	3.09	cps
Molybdenum	97-1	2075	2050	1992	2039	2.10	cps
Molybdenum	98-1	5818	5568	5960	5782	3.43	cps
Neodymium	150-1	460	393	400	418	8.79	cps
Neodymium	150-2	23	37	13	24	47.91	cps
Nickel	60-2	954933	952831	947972	951912	0.38	cps
Phosphorus	31-2	3000	3250	3417	3223	6.51	cps
Potassium	39-2	245896	248021	244722	246213	0.68	cps
Rhodium	103-1	14489146	14267567	14458183	14404965	0.83	cps
Rhodium	103-2	6873786	6912327	6826006	6870706	0.63	cps
Scandium	45-1	10360993	10280568	10387997	10343186	0.54	cps
Scandium	45-2	469659	475563	468615	471279	0.80	cps
Selenium	77-2	2120	2160	2134	2138	0.95	cps
Selenium	78-2	7015	7118	6954	7029	1.19	cps
Selenium	82-1	44762	44462	45797	45007	1.56	cps
Silicon	28-1	31611908	31506133	31885519	31667853	0.62	cps
Silver	109-1	862596	857121	873082	864266	0.94	cps
Silver	107-1	905055	897247	911446	904583	0.79	cps
Sodium	23-2	14305898	14247407	14079450	14210918	0.83	cps
Strontium	86-1	82613	82495	83208	82772	0.46	cps
Strontium	88-1	709443	703752	720442	711212	1.19	cps
Sulfur	34-1	239757	241443	240475	240558	0.35	cps
Terbium	159-1	21749127	21487526	21791161	21675938	0.76	cps
Terbium	159-2	10431448	10420082	10279692	10377074	0.81	cps
Thallium	203-1	752952	758614	770287	760618	1.16	cps
Thallium	205-1	1776549	1788960	1830089	1798532	1.56	cps
Thorium	232-1	328	450	278	352	25.18	cps
Tin	118-1	13824	13982	14383	14063	2.05	cps
Titanium	47-1	1108	1008	967	1028	7.08	cps
Uranium	238-1	125	92	83	100	22.05	cps
Vanadium	51-2	1849913	1853255	1837098	1846755	0.46	cps
Yttrium	89-1	16452577	16304430	16523291	16426766	0.68	cps
Yttrium	89-2	2344430	2361118	2346437	2350661	0.39	cps
Zinc	66-2	427258	428062	426654	427325	0.17	cps

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	J4915-08	Instrumnet Name :	P7
Client Sample ID :	MC0AF5S	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 16:39:56	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1350	1608	1433	1464	9.01	cps
Zirconium	91-1	400	483	508	464	12.23	cps

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	J4915-06ARE	Instrumnet Name :	P7
Client Sample ID :	MC0AF5A	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 16:43:30	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3017	3034	3217	3089	3.59	cps
Antimony	121-1	3517	3717	3701	3645	3.05	cps
Arsenic	75-2	70	72	52	65	17.38	cps
Barium	135-1	38387	37468	37928	37928	1.21	cps
Barium	137-1	67741	65589	64534	65955	2.48	cps
Beryllium	9-1	78	117	133	109	26.09	cps
Bismuth	209-1	14189453	14131746	13957672	14092957	0.86	cps
Bismuth	209-2	7635553	7530200	7586035	7583929	0.69	cps
Boron	10-1	37489	38032	37798	37773	0.72	cps
Boron	11-1	176975	181191	182642	180269	1.63	cps
Cadmium	111-1	2938	3200	3119	3085	4.36	cps
Cadmium	106-1	4818	5268	5176	5087	4.68	cps
Cadmium	108-1	54	54	46	51	9.37	cps
Calcium	43-1	145586	145214	142640	144480	1.11	cps
Calcium	44-1	2423575	2292856	2272843	2329758	3.51	cps
Chromium	52-2	9810	9873	9747	9810	0.65	cps
Cobalt	59-2	1007	980	983	990	1.47	cps
Copper	63-2	4854	5171	5401	5142	5.34	cps
Dysprosium	156-1	17	8	83	36	113.84	cps
Dysprosium	156-2	20	7	20	16	49.47	cps
Erbium	164-1	58	100	125	94	35.66	cps
Erbium	164-2	30	37	27	31	16.37	cps
Gadolinium	160-1	100	108	125	111	11.46	cps
Gadolinium	160-2	260	240	227	242	6.93	cps
Holmium	165-1	21639268	21554181	21208334	21467261	1.06	cps
Holmium	165-2	10504373	10449850	10415979	10456734	0.43	cps
Indium	115-1	16000229	15794969	15617663	15804287	1.21	cps
Indium	115-2	2954130	2908733	2898286	2920383	1.02	cps
Iron	56-2	1189678	1185563	1181320	1185520	0.35	cps
Iron	57-2	30894	29742	30889	30508	2.18	cps
Lead	206-1	5651	5946	5757	5785	2.58	cps
Lead	207-1	4990	5196	4818	5001	3.78	cps
Lead	208-1	22986	23325	22808	23040	1.14	cps
Lithium	6-1	6093139	6064077	6009288	6055501	0.70	cps
Magnesium	24-2	285740	287940	283881	285854	0.71	cps
Manganese	55-2	67926	66409	67501	67279	1.16	cps

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	J4915-06ARE	Instrumnet Name :	P7
Client Sample ID :	MC0AF5A	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 16:43:30	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1008	925	908	947	5.66	cps
Molybdenum	95-1	833	625	658	706	15.86	cps
Molybdenum	96-1	1058	950	808	939	13.35	cps
Molybdenum	97-1	608	450	375	478	24.93	cps
Molybdenum	98-1	1300	1183	983	1156	13.86	cps
Neodymium	150-1	27	47	40	38	26.95	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	3140	3340	3427	3303	4.45	cps
Phosphorus	31-2	3351	2742	3359	3150	11.23	cps
Potassium	39-2	243329	240739	239137	241068	0.88	cps
Rhodium	103-1	14605356	14555755	14360506	14507206	0.89	cps
Rhodium	103-2	6862584	6848611	6769707	6826967	0.73	cps
Scandium	45-1	10521861	10405767	10274916	10400848	1.19	cps
Scandium	45-2	468669	461183	463344	464399	0.83	cps
Selenium	77-2	153	150	147	150	2.22	cps
Selenium	78-2	650	587	667	635	6.62	cps
Selenium	82-1	3374	3526	3224	3375	4.46	cps
Silicon	28-1	31363417	31028795	30995882	31129365	0.65	cps
Silver	109-1	1542	1483	1358	1461	6.41	cps
Silver	107-1	1400	1500	1500	1467	3.94	cps
Sodium	23-2	14071394	13892808	13907044	13957082	0.71	cps
Strontium	86-1	83543	83526	82771	83280	0.53	cps
Strontium	88-1	715161	707258	709031	710483	0.58	cps
Sulfur	34-1	228687	230490	229618	229598	0.39	cps
Terbium	159-1	22080218	21886906	21646173	21871099	0.99	cps
Terbium	159-2	10407916	10338392	10298252	10348187	0.54	cps
Thallium	203-1	483	508	358	450	17.86	cps
Thallium	205-1	1100	1083	1067	1083	1.54	cps
Thorium	232-1	239	350	267	285	20.27	cps
Tin	118-1	4426	4318	4218	4320	2.41	cps
Titanium	47-1	1075	1167	875	1039	14.36	cps
Uranium	238-1	67	58	75	67	12.49	cps
Vanadium	51-2	510	483	543	512	5.87	cps
Yttrium	89-1	16660051	16510009	16433092	16534384	0.70	cps
Yttrium	89-2	2340953	2318365	2314095	2324471	0.62	cps
Zinc	66-2	20451	20034	19386	19957	2.69	cps

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	J4915-06ARE	Instrumnet Name :	P7
Client Sample ID :	MC0AF5A	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 16:43:30	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1667	1725	1300	1564	14.73	cps
Zirconium	91-1	283	350	358	331	12.44	cps

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	J4915-06	Instrumnet Name :	P7
Client Sample ID :	MC0AF5	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 16:47:15	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2975	3092	2900	2989	3.23	cps
Antimony	121-1	3517	3509	3617	3548	1.70	cps
Arsenic	75-2	65	54	63	60	9.85	cps
Barium	135-1	35973	34970	35279	35407	1.45	cps
Barium	137-1	63086	63395	63898	63459	0.65	cps
Beryllium	9-1	78	133	133	115	27.94	cps
Bismuth	209-1	14062553	13900807	13843415	13935592	0.82	cps
Bismuth	209-2	7570267	7548873	7530367	7549836	0.26	cps
Boron	10-1	36161	37372	37406	36980	1.92	cps
Boron	11-1	175171	175029	180365	176855	1.72	cps
Cadmium	111-1	2415	2350	2424	2396	1.68	cps
Cadmium	106-1	4851	4684	4843	4793	1.96	cps
Cadmium	108-1	21	13	8	14	45.83	cps
Calcium	43-1	141740	141252	140091	141028	0.60	cps
Calcium	44-1	2371561	2239103	2231237	2280634	3.46	cps
Chromium	52-2	1273	1193	1460	1309	10.46	cps
Cobalt	59-2	703	690	593	662	9.06	cps
Copper	63-2	3387	3374	3287	3349	1.62	cps
Dysprosium	156-1	8	67	8	28	121.26	cps
Dysprosium	156-2	10	13	17	13	25.01	cps
Erbium	164-1	83	92	42	72	37.09	cps
Erbium	164-2	43	23	30	32	31.61	cps
Gadolinium	160-1	58	108	150	106	43.48	cps
Gadolinium	160-2	167	213	207	196	12.91	cps
Holmium	165-1	21246634	21075517	21024724	21115625	0.55	cps
Holmium	165-2	10516925	10395128	10444847	10452300	0.59	cps
Indium	115-1	15762423	15564939	15391921	15573094	1.19	cps
Indium	115-2	2915247	2914005	2891694	2906982	0.46	cps
Iron	56-2	14102	14424	14229	14252	1.14	cps
Iron	57-2	1000	1028	1089	1039	4.38	cps
Lead	206-1	922	1050	956	976	6.79	cps
Lead	207-1	856	878	744	826	8.65	cps
Lead	208-1	3845	4089	3589	3841	6.51	cps
Lithium	6-1	5990889	5969163	5904565	5954872	0.75	cps
Magnesium	24-2	281488	283048	282684	282406	0.29	cps
Manganese	55-2	63624	63135	63105	63288	0.46	cps

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	J4915-06	Instrumnet Name :	P7
Client Sample ID :	MC0AF5	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 16:47:15	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	500	525	483	503	4.17	cps
Molybdenum	95-1	225	142	158	175	25.20	cps
Molybdenum	96-1	325	200	300	275	24.05	cps
Molybdenum	97-1	100	92	92	94	5.10	cps
Molybdenum	98-1	208	158	208	192	15.06	cps
Neodymium	150-1	13	27	13	18	43.33	cps
Neodymium	150-2	7	0	7	4	86.60	cps
Nickel	60-2	503	447	477	476	5.96	cps
Phosphorus	31-2	3150	2950	3100	3067	3.39	cps
Potassium	39-2	239205	239172	240144	239507	0.23	cps
Rhodium	103-1	14338013	14299482	14244219	14293904	0.33	cps
Rhodium	103-2	6832440	6810307	6795949	6812899	0.27	cps
Scandium	45-1	10314882	10209340	10109106	10211109	1.01	cps
Scandium	45-2	460042	464617	461990	462217	0.50	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	63	69	48	60	17.58	cps
Selenium	82-1	-32	85	26	26	224.10	cps
Silicon	28-1	30882327	30447953	30161758	30497346	1.19	cps
Silver	109-1	1217	1467	1458	1381	10.29	cps
Silver	107-1	4159	1433	1483	2359	66.11	cps
Sodium	23-2	13890096	13962459	13804947	13885834	0.57	cps
Strontium	86-1	81632	82185	83484	82433	1.15	cps
Strontium	88-1	708490	696899	700901	702097	0.84	cps
Sulfur	34-1	232418	226588	229322	229443	1.27	cps
Terbium	159-1	21662330	21538003	21370716	21523683	0.68	cps
Terbium	159-2	10323276	10275772	10190740	10263262	0.65	cps
Thallium	203-1	208	250	233	231	9.10	cps
Thallium	205-1	450	483	567	500	12.02	cps
Thorium	232-1	272	211	239	241	12.71	cps
Tin	118-1	3667	3701	3851	3740	2.61	cps
Titanium	47-1	808	950	867	875	8.14	cps
Uranium	238-1	67	83	50	67	25.00	cps
Vanadium	51-2	360	377	500	412	18.55	cps
Yttrium	89-1	16324369	16247706	16113812	16228629	0.66	cps
Yttrium	89-2	2301287	2298923	2301796	2300669	0.07	cps
Zinc	66-2	18428	17764	18288	18160	1.93	cps

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	J4915-06	Instrumnet Name :	P7
Client Sample ID :	MC0AF5	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 16:47:15	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1317	1392	1275	1328	4.45	cps
Zirconium	91-1	242	275	367	294	21.98	cps

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	CCV098	Instrumnet Name :	P7
Client Sample ID :	CCV098	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 17:00:45	DataFile Name :	037CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7478092	7574813	7591874	7548260	0.81	cps
Antimony	121-1	5402699	5411294	5431732	5415242	0.28	cps
Arsenic	75-2	195154	198187	197659	197000	0.82	cps
Barium	135-1	7540399	7497069	7559203	7532224	0.42	cps
Barium	137-1	12942286	13057656	13043584	13014508	0.48	cps
Beryllium	9-1	1503817	1512954	1524645	1513806	0.69	cps
Bismuth	209-1	10779693	10764615	10748830	10764379	0.14	cps
Bismuth	209-2	6012647	6025033	6059260	6032313	0.40	cps
Boron	10-1	223216	233545	239427	232063	3.54	cps
Boron	11-1	1036537	1093601	1093998	1074712	3.08	cps
Cadmium	111-1	1344363	1357057	1364772	1355397	0.76	cps
Cadmium	106-1	152100	155897	155079	154359	1.29	cps
Cadmium	108-1	104112	106433	106211	105585	1.21	cps
Calcium	43-1	9594659	9735427	9694692	9674926	0.75	cps
Calcium	44-1	159143066	160662554	161147970	160317863	0.65	cps
Chromium	52-2	2032169	2066543	2069796	2056170	1.01	cps
Cobalt	59-2	3100465	3143714	3119734	3121305	0.69	cps
Copper	63-2	4090995	4118527	4152965	4120829	0.75	cps
Dysprosium	156-1	117	167	208	164	28.00	cps
Dysprosium	156-2	140	133	190	154	20.05	cps
Erbium	164-1	92	83	100	92	9.09	cps
Erbium	164-2	27	37	43	36	23.58	cps
Gadolinium	160-1	233	167	133	178	28.64	cps
Gadolinium	160-2	227	267	253	249	8.18	cps
Holmium	165-1	18401304	18589313	18632236	18540951	0.66	cps
Holmium	165-2	9387512	9527508	9491175	9468732	0.77	cps
Indium	115-1	12867171	12919312	13009496	12931993	0.56	cps
Indium	115-2	2528170	2573332	2565200	2555567	0.94	cps
Iron	56-2	407427331	410065709	412638198	410043746	0.64	cps
Iron	57-2	10124943	10308755	10253416	10229038	0.92	cps
Lead	206-1	4947280	4959159	4982908	4963116	0.37	cps
Lead	207-1	4506924	4511053	4527667	4515215	0.24	cps
Lead	208-1	20135812	20159973	20213147	20169644	0.20	cps
Lithium	6-1	5044846	5067372	5113496	5075238	0.69	cps
Magnesium	24-2	81900214	83337523	83351796	82863178	1.01	cps
Manganese	55-2	2344178	2383316	2372798	2366764	0.86	cps

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	CCV098	Instrumnet Name :	P7
Client Sample ID :	CCV098	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 17:00:45	DataFile Name :	037CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	12530034	12509413	12691679	12577042	0.79	cps
Molybdenum	95-1	15212923	15321986	15297578	15277496	0.37	cps
Molybdenum	96-1	16874740	17019761	16981185	16958562	0.44	cps
Molybdenum	97-1	9600463	9608989	9657143	9622198	0.32	cps
Molybdenum	98-1	24215776	24337654	24598096	24383842	0.80	cps
Neodymium	150-1	460	413	460	444	6.06	cps
Neodymium	150-2	73	70	67	70	4.76	cps
Nickel	60-2	783448	800141	801147	794912	1.25	cps
Phosphorus	31-2	76069	78222	76580	76957	1.46	cps
Potassium	39-2	38553681	39065285	39041324	38886763	0.74	cps
Rhodium	103-1	11381505	11371484	11501861	11418284	0.64	cps
Rhodium	103-2	5628478	5681203	5702125	5670602	0.67	cps
Scandium	45-1	9118309	9157375	9200834	9158840	0.45	cps
Scandium	45-2	436322	444974	446024	442440	1.20	cps
Selenium	77-2	4854	4854	4994	4901	1.65	cps
Selenium	78-2	16267	16621	16884	16590	1.87	cps
Selenium	82-1	100097	101276	101651	101008	0.80	cps
Silicon	28-1	4990075	5200643	5323877	5171532	3.26	cps
Silver	109-1	6823633	6823989	6877618	6841747	0.45	cps
Silver	107-1	7130943	7133590	7180222	7148252	0.39	cps
Sodium	23-2	163913350	165945129	165750945	165203141	0.68	cps
Strontium	86-1	1949067	1977635	1982037	1969580	0.91	cps
Strontium	88-1	17086365	17200173	17312034	17199524	0.66	cps
Sulfur	34-1	909805	915786	920638	915410	0.59	cps
Terbium	159-1	18720569	18814333	18916397	18817099	0.52	cps
Terbium	159-2	9302745	9296672	9314819	9304746	0.10	cps
Thallium	203-1	6129021	6163673	6205071	6165922	0.62	cps
Thallium	205-1	14583637	14527724	14650693	14587351	0.42	cps
Thorium	232-1	23105034	22955144	23086835	23049004	0.35	cps
Tin	118-1	4937184	4990350	5002945	4976827	0.70	cps
Titanium	47-1	4510031	4547646	4591530	4549736	0.90	cps
Uranium	238-1	22156875	22302767	22215760	22225134	0.33	cps
Vanadium	51-2	1670412	1693592	1708488	1690831	1.13	cps
Yttrium	89-1	14075648	14153913	14264590	14164717	0.67	cps
Yttrium	89-2	2158032	2167555	2187291	2170959	0.69	cps
Zinc	66-2	563335	569568	575708	569537	1.09	cps

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	CCV098	Instrumnet Name :	P7
Client Sample ID :	CCV098	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 17:00:45	DataFile Name :	037CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	10635736	10628501	10748370	10670869	0.63	cps
Zirconium	91-1	2283890	2293842	2309907	2295879	0.57	cps

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	CCB098	Instrumnet Name :	P7
Client Sample ID :	CCB098	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 17:05:52	DataFile Name :	038CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	142	133	192	156	20.28	cps
Antimony	121-1	1425	1283	1458	1389	6.69	cps
Arsenic	75-2	13	11	9	11	16.65	cps
Barium	135-1	117	100	117	111	8.66	cps
Barium	137-1	217	292	242	250	15.27	cps
Beryllium	9-1	139	244	156	180	31.59	cps
Bismuth	209-1	12109847	12569116	12637319	12438761	2.31	cps
Bismuth	209-2	6853091	6846524	6909418	6869678	0.50	cps
Boron	10-1	9970	8644	8219	8945	10.21	cps
Boron	11-1	43589	42252	38834	41558	5.90	cps
Cadmium	111-1	2473	2435	2527	2478	1.87	cps
Cadmium	106-1	4793	4693	4918	4801	2.35	cps
Cadmium	108-1	21	17	4	14	62.43	cps
Calcium	43-1	292	233	308	278	14.18	cps
Calcium	44-1	11088	10454	10821	10788	2.95	cps
Chromium	52-2	1000	1143	1110	1085	6.92	cps
Cobalt	59-2	103	123	100	109	11.59	cps
Copper	63-2	1723	1870	1867	1820	4.60	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	3	10	0	4	114.60	cps
Erbium	164-1	58	33	42	44	28.65	cps
Erbium	164-2	17	23	17	19	20.36	cps
Gadolinium	160-1	75	67	42	61	28.38	cps
Gadolinium	160-2	243	217	253	238	7.97	cps
Holmium	165-1	18435581	19389447	19631758	19152262	3.30	cps
Holmium	165-2	9585661	9568288	9696001	9616650	0.72	cps
Indium	115-1	13923073	14564483	14786182	14424579	3.11	cps
Indium	115-2	2784004	2752267	2751714	2762661	0.67	cps
Iron	56-2	17222	17144	17177	17181	0.23	cps
Iron	57-2	517	522	511	517	1.08	cps
Lead	206-1	672	717	733	707	4.47	cps
Lead	207-1	694	600	633	643	7.45	cps
Lead	208-1	2895	2989	3117	3000	3.72	cps
Lithium	6-1	5383514	5534679	5614342	5510845	2.13	cps
Magnesium	24-2	1475	1383	1450	1436	3.30	cps
Manganese	55-2	137	150	120	136	11.09	cps

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	CCB098	Instrumnet Name :	P7
Client Sample ID :	CCB098	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 17:05:52	DataFile Name :	038CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1292	1108	1250	1217	7.90	cps
Molybdenum	95-1	1033	1067	867	989	10.84	cps
Molybdenum	96-1	1350	1208	1167	1242	7.74	cps
Molybdenum	97-1	508	742	600	617	19.06	cps
Molybdenum	98-1	1717	1508	1342	1522	12.34	cps
Neodymium	150-1	0	0	13	4	173.21	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	103	113	113	110	5.25	cps
Phosphorus	31-2	75	117	133	108	27.74	cps
Potassium	39-2	18929	18788	18971	18896	0.51	cps
Rhodium	103-1	12972059	13576945	13608536	13385847	2.68	cps
Rhodium	103-2	6479223	6447781	6446976	6457993	0.28	cps
Scandium	45-1	9461985	9762167	9964256	9729469	2.60	cps
Scandium	45-2	442133	444658	447990	444927	0.66	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	48	59	78	62	24.25	cps
Selenium	82-1	-17	51	-15	7	590.88	cps
Silicon	28-1	300612	298849	300743	300068	0.35	cps
Silver	109-1	767	725	792	761	4.43	cps
Silver	107-1	617	892	717	742	18.77	cps
Sodium	23-2	32035	32670	33154	32620	1.72	cps
Strontium	86-1	725	583	700	669	11.30	cps
Strontium	88-1	508	392	342	414	20.66	cps
Sulfur	34-1	261404	257682	263355	260814	1.10	cps
Terbium	159-1	19072652	19654831	19907752	19545078	2.19	cps
Terbium	159-2	9585364	9503302	9554944	9547870	0.43	cps
Thallium	203-1	817	767	967	850	12.25	cps
Thallium	205-1	1817	2092	1725	1878	10.16	cps
Thorium	232-1	3489	3145	3356	3330	5.22	cps
Tin	118-1	3767	3401	3334	3501	6.67	cps
Titanium	47-1	158	175	133	156	13.48	cps
Uranium	238-1	367	325	275	322	14.24	cps
Vanadium	51-2	37	33	47	39	17.85	cps
Yttrium	89-1	14679832	15267424	15462484	15136580	2.69	cps
Yttrium	89-2	2192217	2201400	2219656	2204424	0.63	cps
Zinc	66-2	487	447	500	478	5.81	cps

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	CCB098	Instrumnet Name :	P7
Client Sample ID :	CCB098	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 17:05:52	DataFile Name :	038CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1942	2150	1825	1972	8.35	cps
Zirconium	91-1	408	342	483	411	17.24	cps

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	J4915-06A	Instrumnet Name :	P7
Client Sample ID :	MC0AF5A	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 17:09:26	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3501	3250	3159	3303	5.35	cps
Antimony	121-1	7169	7077	6644	6963	4.03	cps
Arsenic	75-2	78	67	70	72	7.90	cps
Barium	135-1	38914	38947	38605	38822	0.49	cps
Barium	137-1	69801	66200	67255	67752	2.73	cps
Beryllium	9-1	89	128	139	119	22.15	cps
Bismuth	209-1	13368471	14376376	14386121	14043656	4.16	cps
Bismuth	209-2	7891318	7872419	7834381	7866039	0.37	cps
Boron	10-1	40831	39970	41416	40739	1.78	cps
Boron	11-1	191794	194969	198448	195070	1.71	cps
Cadmium	111-1	2601	2934	2581	2705	7.33	cps
Cadmium	106-1	4709	5251	4634	4865	6.92	cps
Cadmium	108-1	42	54	46	47	13.48	cps
Calcium	43-1	153833	151662	150483	151993	1.12	cps
Calcium	44-1	2604882	2543978	2514889	2554583	1.80	cps
Chromium	52-2	4721	4764	4844	4776	1.31	cps
Cobalt	59-2	933	763	913	870	10.68	cps
Copper	63-2	4434	4417	4374	4409	0.70	cps
Dysprosium	156-1	0	8	67	25	145.31	cps
Dysprosium	156-2	13	27	3	14	81.07	cps
Erbium	164-1	50	92	67	69	30.20	cps
Erbium	164-2	33	20	50	34	43.64	cps
Gadolinium	160-1	67	167	117	117	42.86	cps
Gadolinium	160-2	260	243	247	250	3.53	cps
Holmium	165-1	20484419	22050223	21830834	21455158	3.95	cps
Holmium	165-2	11012089	10851102	10897516	10920236	0.76	cps
Indium	115-1	15417375	16512193	16441195	16123588	3.80	cps
Indium	115-2	3127742	3090686	3061038	3093155	1.08	cps
Iron	56-2	482277	482691	473792	479587	1.05	cps
Iron	57-2	13190	12361	12378	12643	3.75	cps
Lead	206-1	3156	2978	3139	3091	3.18	cps
Lead	207-1	2561	2495	2606	2554	2.19	cps
Lead	208-1	11813	11469	11730	11671	1.54	cps
Lithium	6-1	6075680	6459870	6371578	6302376	3.19	cps
Magnesium	24-2	305727	303911	302044	303894	0.61	cps
Manganese	55-2	68790	68009	68411	68404	0.57	cps

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	J4915-06A	Instrumnet Name :	P7
Client Sample ID :	MC0AF5A	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 17:09:26	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	767	833	825	808	4.49	cps
Molybdenum	95-1	467	508	450	475	6.32	cps
Molybdenum	96-1	667	700	700	689	2.79	cps
Molybdenum	97-1	392	300	300	331	16.01	cps
Molybdenum	98-1	600	833	750	728	16.25	cps
Neodymium	150-1	27	40	27	31	24.74	cps
Neodymium	150-2	23	3	13	13	75.02	cps
Nickel	60-2	1607	1643	1483	1578	5.31	cps
Phosphorus	31-2	3626	3509	3501	3545	1.97	cps
Potassium	39-2	261341	260081	258082	259835	0.63	cps
Rhodium	103-1	14226622	15183357	14993726	14801235	3.42	cps
Rhodium	103-2	7255678	7207394	7155863	7206312	0.69	cps
Scandium	45-1	10295427	11169098	10981790	10815438	4.25	cps
Scandium	45-2	496535	492478	495315	494776	0.42	cps
Selenium	77-2	137	127	173	146	16.88	cps
Selenium	78-2	589	557	587	578	3.06	cps
Selenium	82-1	3517	3589	3428	3511	2.30	cps
Silicon	28-1	34730815	33899790	33620717	34083774	1.69	cps
Silver	109-1	1800	1984	1817	1867	5.43	cps
Silver	107-1	1809	2084	1975	1956	7.08	cps
Sodium	23-2	14994081	14920613	14757308	14890667	0.81	cps
Strontium	86-1	88019	87977	86453	87483	1.02	cps
Strontium	88-1	756487	745669	740588	747581	1.09	cps
Sulfur	34-1	241688	234388	233774	236616	1.86	cps
Terbium	159-1	21005210	22563669	22349381	21972753	3.84	cps
Terbium	159-2	10889377	10834557	10649038	10790991	1.17	cps
Thallium	203-1	1942	1617	1175	1578	24.39	cps
Thallium	205-1	4334	3901	3617	3951	9.14	cps
Thorium	232-1	767	922	928	872	10.49	cps
Tin	118-1	4367	4593	4284	4415	3.61	cps
Titanium	47-1	1133	900	1158	1064	13.39	cps
Uranium	238-1	150	183	183	172	11.17	cps
Vanadium	51-2	317	460	390	389	18.43	cps
Yttrium	89-1	16115033	17385238	17113616	16871296	3.96	cps
Yttrium	89-2	2447666	2440161	2431662	2439829	0.33	cps
Zinc	66-2	57225	57707	57540	57491	0.43	cps

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	J4915-06A	Instrumnet Name :	P7
Client Sample ID :	MC0AF5A	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 17:09:26	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1534	1684	1608	1609	4.66	cps
Zirconium	91-1	283	333	342	319	9.88	cps

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	CCV099	Instrumnet Name :	P7
Client Sample ID :	CCV099	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 17:13:00	DataFile Name :	040CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7817460	7853472	7860555	7843829	0.29	cps
Antimony	121-1	5581708	5588072	5595027	5588269	0.12	cps
Arsenic	75-2	202855	202277	202112	202415	0.19	cps
Barium	135-1	7703664	7670176	7690782	7688207	0.22	cps
Barium	137-1	13264133	13221567	13197626	13227775	0.25	cps
Beryllium	9-1	1585285	1596314	1589748	1590449	0.35	cps
Bismuth	209-1	10906777	10859021	10817992	10861264	0.41	cps
Bismuth	209-2	6061257	6061695	6011652	6044868	0.48	cps
Boron	10-1	240079	248036	248443	245519	1.92	cps
Boron	11-1	1106618	1138227	1163562	1136136	2.51	cps
Cadmium	111-1	1384540	1382406	1388958	1385301	0.24	cps
Cadmium	106-1	158215	158568	161587	159457	1.16	cps
Cadmium	108-1	107588	107651	106551	107263	0.58	cps
Calcium	43-1	10045439	10043028	10033274	10040580	0.06	cps
Calcium	44-1	166076504	166726866	167089475	166630948	0.31	cps
Chromium	52-2	2111567	2129197	2118234	2119666	0.42	cps
Cobalt	59-2	3215048	3220110	3193518	3209559	0.44	cps
Copper	63-2	4217262	4214590	4221026	4217626	0.08	cps
Dysprosium	156-1	225	117	100	147	46.10	cps
Dysprosium	156-2	113	157	153	141	17.09	cps
Erbium	164-1	67	92	117	92	27.27	cps
Erbium	164-2	60	33	40	44	31.23	cps
Gadolinium	160-1	175	142	217	178	21.14	cps
Gadolinium	160-2	277	287	293	286	2.94	cps
Holmium	165-1	18845447	18785941	18654171	18761853	0.52	cps
Holmium	165-2	9504444	9491119	9502686	9499416	0.08	cps
Indium	115-1	13176025	13198808	13141056	13171963	0.22	cps
Indium	115-2	2583086	2580657	2593755	2585832	0.27	cps
Iron	56-2	423038887	421622798	420970454	421877380	0.25	cps
Iron	57-2	10516301	10543328	10551420	10537016	0.17	cps
Lead	206-1	4980912	4973039	5000924	4984958	0.29	cps
Lead	207-1	4578786	4555629	4513453	4549289	0.73	cps
Lead	208-1	20452728	20268346	20229354	20316809	0.59	cps
Lithium	6-1	5304249	5316921	5299687	5306952	0.17	cps
Magnesium	24-2	85263006	85587298	85878383	85576229	0.36	cps
Manganese	55-2	2432707	2435234	2428050	2431997	0.15	cps

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	CCV099	Instrumnet Name :	P7
Client Sample ID :	CCV099	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 17:13:00	DataFile Name :	040CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	12937281	12944019	12930870	12937390	0.05	cps
Molybdenum	95-1	15738333	15679047	15664144	15693841	0.25	cps
Molybdenum	96-1	17510071	17282888	17423407	17405455	0.66	cps
Molybdenum	97-1	9918742	9832350	9907930	9886341	0.48	cps
Molybdenum	98-1	25179606	24945097	25171228	25098644	0.53	cps
Neodymium	150-1	547	440	387	458	17.80	cps
Neodymium	150-2	57	53	57	56	3.47	cps
Nickel	60-2	807792	817167	814738	813232	0.60	cps
Phosphorus	31-2	79821	78214	81363	79799	1.97	cps
Potassium	39-2	40139586	40209627	40463089	40270768	0.42	cps
Rhodium	103-1	11727927	11721714	11662502	11704048	0.31	cps
Rhodium	103-2	5787390	5729435	5750561	5755795	0.51	cps
Scandium	45-1	9494392	9517556	9399080	9470342	0.66	cps
Scandium	45-2	451696	453543	452185	452475	0.21	cps
Selenium	77-2	5074	5191	5081	5115	1.28	cps
Selenium	78-2	17118	17068	17375	17187	0.96	cps
Selenium	82-1	103588	103889	104450	103976	0.42	cps
Silicon	28-1	5308320	5452648	5554979	5438649	2.28	cps
Silver	109-1	7073069	6988622	7013542	7025078	0.62	cps
Silver	107-1	7350746	7269011	7263477	7294411	0.67	cps
Sodium	23-2	170869725	169867287	170209483	170315498	0.30	cps
Strontium	86-1	2012271	2032991	2024781	2023347	0.52	cps
Strontium	88-1	17734458	17791186	17651019	17725554	0.40	cps
Sulfur	34-1	946884	943003	947989	945959	0.28	cps
Terbium	159-1	18994141	19155830	18947353	19032441	0.57	cps
Terbium	159-2	9357142	9339506	9332084	9342910	0.14	cps
Thallium	203-1	6266381	6183834	6221082	6223766	0.66	cps
Thallium	205-1	14697584	14633996	14727755	14686445	0.33	cps
Thorium	232-1	23352004	23241750	23291283	23295012	0.24	cps
Tin	118-1	5119902	5089522	5106074	5105166	0.30	cps
Titanium	47-1	4726690	4716637	4699218	4714182	0.29	cps
Uranium	238-1	22578434	22304265	22458562	22447087	0.61	cps
Vanadium	51-2	1733558	1746707	1741066	1740444	0.38	cps
Yttrium	89-1	14552291	14479361	14544695	14525449	0.28	cps
Yttrium	89-2	2192785	2201543	2207237	2200522	0.33	cps
Zinc	66-2	581060	579074	584505	581546	0.47	cps

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	CCV099	Instrumnet Name :	P7
Client Sample ID :	CCV099	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 17:13:00	DataFile Name :	040CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	11002221	10926173	11028405	10985600	0.48	cps
Zirconium	91-1	2344926	2362254	2379573	2362251	0.73	cps

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	CCB099	Instrumnet Name :	P7
Client Sample ID :	CCB099	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 17:18:10	DataFile Name :	041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	50	42	44	10.82	cps
Antimony	121-1	1108	967	1183	1086	10.13	cps
Arsenic	75-2	9	9	7	9	12.36	cps
Barium	135-1	42	50	50	47	10.18	cps
Barium	137-1	58	92	125	92	36.36	cps
Beryllium	9-1	150	178	156	161	9.12	cps
Bismuth	209-1	12677654	12584755	12596036	12619482	0.40	cps
Bismuth	209-2	7090171	7058652	7090121	7079648	0.26	cps
Boron	10-1	10337	9287	9261	9628	6.38	cps
Boron	11-1	46456	44675	42344	44492	4.64	cps
Cadmium	111-1	2370	2338	2373	2360	0.83	cps
Cadmium	106-1	4618	4543	4684	4615	1.54	cps
Cadmium	108-1	8	13	33	18	74.19	cps
Calcium	43-1	308	250	183	247	25.30	cps
Calcium	44-1	10263	10054	9829	10049	2.16	cps
Chromium	52-2	780	890	753	808	8.97	cps
Cobalt	59-2	67	80	80	76	10.19	cps
Copper	63-2	1680	1550	1580	1603	4.25	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	75	58	58	64	15.05	cps
Erbium	164-2	40	27	23	30	29.40	cps
Gadolinium	160-1	83	75	42	67	33.07	cps
Gadolinium	160-2	197	200	177	191	6.60	cps
Holmium	165-1	19424637	19315274	19324266	19354725	0.31	cps
Holmium	165-2	9906133	9854427	9857540	9872700	0.29	cps
Indium	115-1	14826443	14702286	14654811	14727847	0.60	cps
Indium	115-2	2884598	2833443	2847785	2855276	0.92	cps
Iron	56-2	6335	5896	6213	6148	3.69	cps
Iron	57-2	267	267	244	259	4.95	cps
Lead	206-1	600	628	594	607	2.94	cps
Lead	207-1	594	689	656	646	7.41	cps
Lead	208-1	2578	2822	2817	2739	5.10	cps
Lithium	6-1	5815648	5807914	5785796	5803119	0.27	cps
Magnesium	24-2	517	483	533	511	4.98	cps
Manganese	55-2	83	80	117	93	21.73	cps

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	CCB099	Instrumnet Name :	P7
Client Sample ID :	CCB099	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 17:18:10	DataFile Name :	041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1325	950	1000	1092	18.65	cps
Molybdenum	95-1	933	908	867	903	3.73	cps
Molybdenum	96-1	1158	1217	1008	1128	9.53	cps
Molybdenum	97-1	575	692	517	594	14.99	cps
Molybdenum	98-1	1492	1175	1250	1306	12.68	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	60	63	73	66	10.58	cps
Phosphorus	31-2	142	150	150	147	3.27	cps
Potassium	39-2	19347	19213	19438	19333	0.59	cps
Rhodium	103-1	13789994	13693270	13701160	13728141	0.39	cps
Rhodium	103-2	6669110	6622313	6695563	6662329	0.56	cps
Scandium	45-1	10093510	10062445	10008503	10054819	0.43	cps
Scandium	45-2	465404	461512	468948	465288	0.80	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	65	80	89	78	15.61	cps
Selenium	82-1	-56	83	-16	3	2145.03	cps
Silicon	28-1	282814	286665	284889	284789	0.68	cps
Silver	109-1	700	642	558	633	11.24	cps
Silver	107-1	675	733	708	706	4.15	cps
Sodium	23-2	31091	30782	30975	30949	0.50	cps
Strontium	86-1	642	567	767	658	15.35	cps
Strontium	88-1	233	208	217	219	5.80	cps
Sulfur	34-1	263236	261913	265103	263417	0.61	cps
Terbium	159-1	19983381	19754542	19681070	19806331	0.80	cps
Terbium	159-2	9771860	9762705	9824565	9786377	0.34	cps
Thallium	203-1	700	725	708	711	1.79	cps
Thallium	205-1	2100	1750	1508	1786	16.66	cps
Thorium	232-1	2517	2045	2239	2267	10.47	cps
Tin	118-1	1492	1734	1533	1586	8.15	cps
Titanium	47-1	125	167	83	125	33.33	cps
Uranium	238-1	83	142	100	108	27.73	cps
Vanadium	51-2	23	20	20	21	9.11	cps
Yttrium	89-1	15529632	15459935	15345536	15445035	0.60	cps
Yttrium	89-2	2262836	2261796	2287233	2270622	0.63	cps
Zinc	66-2	617	637	670	641	4.20	cps

LB Number :	LB97934	Operator :	Jaswal
Lab Sample ID :	CCB099	Instrumnet Name :	P7
Client Sample ID :	CCB099	Dilution Factor :	1
Date & Time Acquired ::	2018-09-14 17:18:10	DataFile Name :	041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1575	1717	1625	1639	4.38	cps
Zirconium	91-1	267	342	358	322	15.15	cps