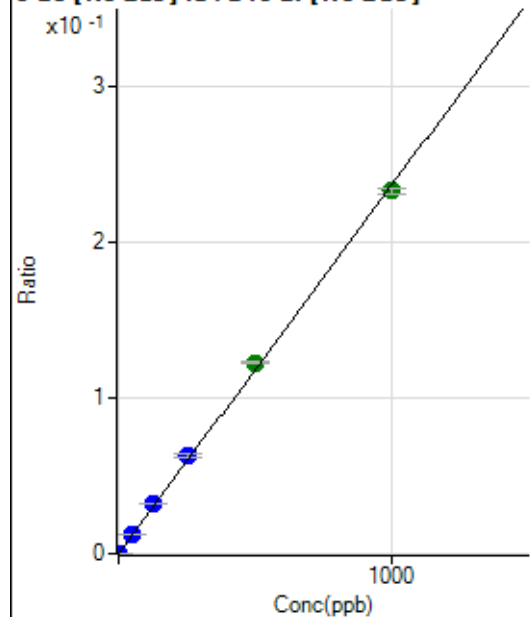


Calibration for 005CALB.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P8091021-MS.b\
 Analysis File: P8091021-MS.batch.bin
 DA Date-Time: 2021-09-10 15:21:44
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	005CALB.d	S00	2021-09-10 09:46:28
2	006CALS.d	S02	2021-09-10 09:49:33
3	007CALS.d	S03	2021-09-10 09:52:37
4	008CALS.d	S04	2021-09-10 09:55:42
5	009CALS.d	S05	2021-09-10 09:58:45
6	010CALS.d	S06	2021-09-10 10:01:51
7	011CALS.d	S07	2021-09-10 10:04:53
8	012CALS.d	S08	2021-09-10 10:07:59

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

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	27.99	0.0000	P	17.2
2	☐	1.000	1.108	4322.46	0.0003	P	3.5
3	☐	50.000	53.400	207904.68	0.0126	P	1.1
4	☐	125.000	134.898	523817.95	0.0319	P	0.4
5	☐	250.000	266.228	1017431.95	0.0630	P	2.2
6	☐	500.000	518.153	1926865.77	0.1226	A	1.4
7	☐	1000.000	985.459	3759836.78	0.2332	A	1.6
8	☐			405.26	0.0000	P	17.7

$$y = 2.3660\text{E-}004 * x + 1.7131\text{E-}006$$

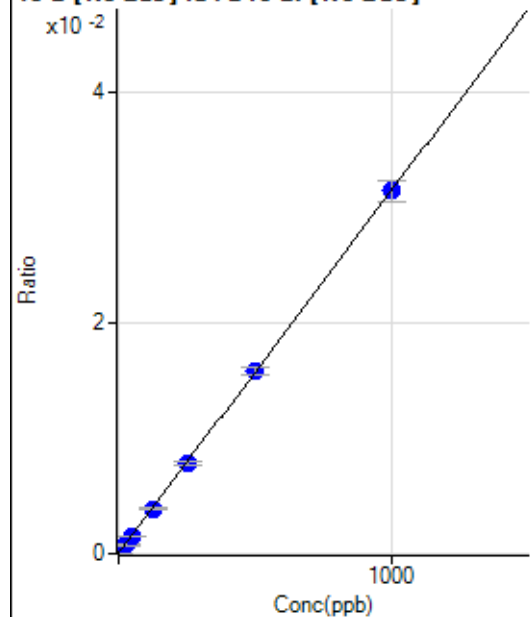
$$R = 0.9996$$

$$DL = 0.003745$$

$$BEC = 0.00724$$

Weight: <None>

Min Conc: 0

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

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	558.57	0.0000	P	7.2
2	☐	25.000	22.841	12307.41	0.0008	P	8.5
3	☐	50.000	47.995	25388.90	0.0015	P	4.7
4	☐	125.000	121.093	63056.22	0.0038	P	4.5
5	☐	250.000	247.679	126377.31	0.0078	P	4.2
6	☐	500.000	504.743	249905.69	0.0159	P	4.2
7	☐	1000.000	998.852	506600.63	0.0314	P	6.2
8	☐			48450.08	0.0033	P	7.4

$$y = 3.1442\text{E-}005 * x + 3.4288\text{E-}005$$

$$R = 1.0000$$

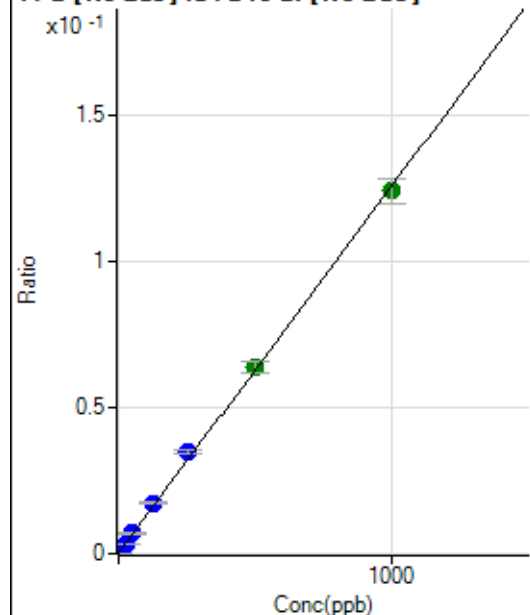
$$DL = 0.2342$$

$$BEC = 1.09$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2646.39	0.0002	P	3.9
2	☐	25.000	25.630	55362.58	0.0034	P	9.6
3	☐	50.000	54.837	116113.62	0.0071	P	4.7
4	☐	125.000	136.947	285362.16	0.0174	P	4.9
5	☐	250.000	276.807	564871.72	0.0350	P	3.7
6	☐	500.000	507.498	1005100.08	0.0640	A	6.3
7	☐	1000.000	987.798	2003397.82	0.1244	A	7.2
8	☐			218344.29	0.0149	P	8.3

$$y = 1.2575E-004 * x + 1.6236E-004$$

R = 0.9995

DL = 0.1505

BEC = 1.291

Weight: <None>

Min Conc: 0

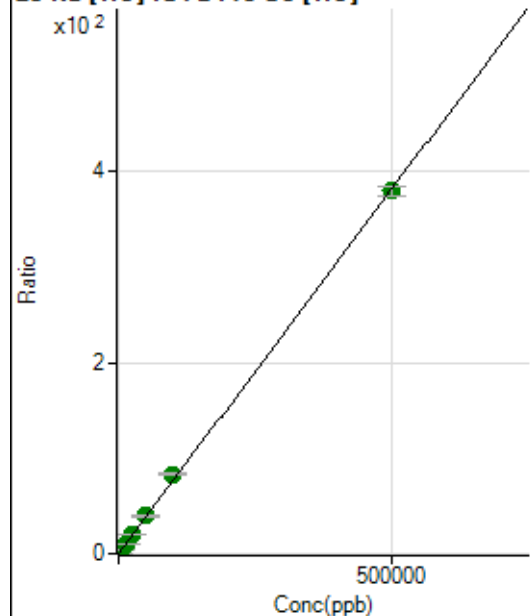
12 C [No Gas] No available calibration points



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			6334019.02		A	1.9
2	☐			6757112.78		A	1.8
3	☐			6609085.13		A	0.6
4	☐			6784652.71		A	2.3
5	☐			7465838.88		A	2.2
6	☐			8702599.07		A	2.7
7	☐			10589984.70		A	3.5
8	☐			7288931.76		A	0.7

12 C [He] No available calibration points

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			66855.15		P	1.0
2	☐			71396.42		P	0.9
3	☐			68800.51		P	3.7
4	☐			72610.58		P	1.2
5	☐			81719.12		P	1.2
6	☐			97707.50		P	2.2
7	☐			120480.74		P	1.3
8	☐			88035.69		P	1.6

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

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	30120.59	0.0497	P	1.0
2	☐	500.000	583.107	295857.54	0.4945	P	1.5
3	☐	5000.000	5374.046	2488581.52	4.1491	A	1.0
4	☐	12500.000	13253.625	6165279.95	10.1597	A	1.6
5	☐	25000.000	26294.434	12132935.95	20.1074	A	3.5
6	☐	50000.000	51536.203	24714878.68	39.3621	A	2.3
7	☐	100000.00	108675.63	50740052.87	82.9487	A	1.7
8	☐	500000.00	498023.86	235781163.6	379.948	A	2.7

$$y = 7.6281\text{E-}004 * x + 0.0497$$

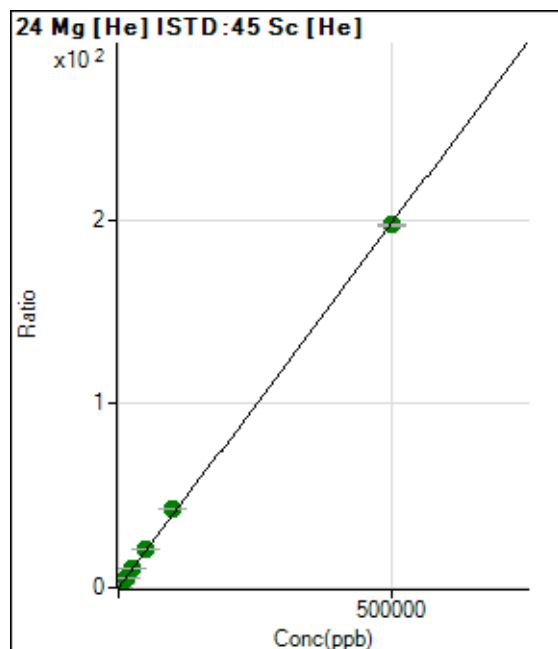
$$R = 0.9998$$

$$DL = 2.035$$

$$BEC = 65.2$$

Weight: <None>

Min Conc: 0



	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	377.79	0.0006	P	14.2
2	☐	500.000	573.551	136343.21	0.2279	P	1.2
3	☐	5000.000	5570.494	1324362.69	2.2080	A	0.8
4	☐	12500.000	13554.172	3259638.46	5.3716	A	2.2
5	☐	25000.000	26536.386	6345821.76	10.5159	A	2.9
6	☐	50000.000	52110.932	12967898.03	20.6500	A	0.9
7	☐	100000.00	107952.22	26168677.49	42.7776	A	0.3
8	☐	500000.00	498089.50	122495518.0	197.373	A	0.8

$$y = 3.9626\text{E-}004 * x + 6.2375\text{E-}004$$

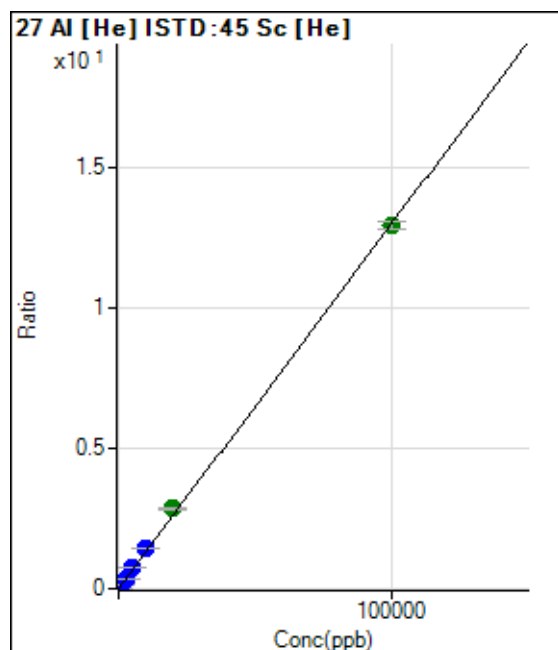
$$R = 0.9999$$

$$DL = 0.672$$

$$BEC = 1.574$$

Weight: <None>

Min Conc: 0



	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	155.81	0.0003	P	3.7
2	☐	20.000	24.083	2027.39	0.0034	P	3.7
3	☐	1000.000	1125.776	87963.73	0.1467	P	1.3
4	☐	2500.000	2833.980	223800.29	0.3688	P	0.7
5	☐	5000.000	5605.351	440057.09	0.7292	P	2.4
6	☐	10000.000	10927.366	892495.20	1.4213	P	1.1
7	☐	20000.000	22068.956	1755656.96	2.8701	A	2.6
8	☐	100000.00	99453.597	8026342.50	12.9333	A	2.0

$$y = 1.3004\text{E-}004 * x + 2.5720\text{E-}004$$

$$R = 0.9998$$

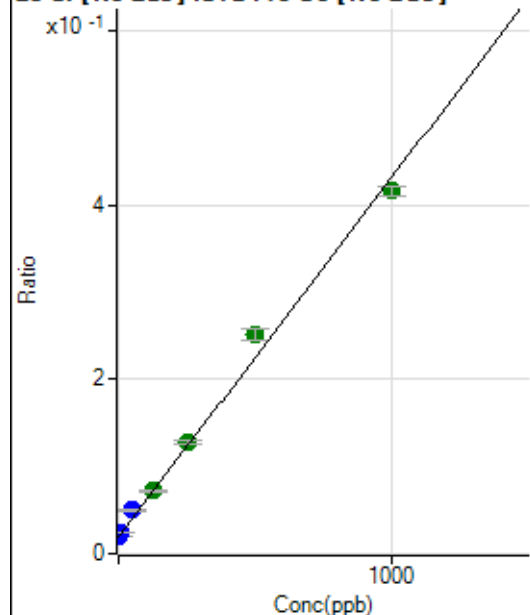
$$DL = 0.2178$$

$$BEC = 1.978$$

Weight: <None>

Min Conc: 0

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



	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	360596.50	0.0192	P	1.9
2	☐	10.000	14.163	471873.76	0.0250	P	1.8
3	☐	50.000	74.928	965212.62	0.0501	P	2.9
4	☐	125.000	128.313	1366967.83	0.0721	A	1.6
5	☐	250.000	264.169	2491628.57	0.1280	A	2.9
6	☐	500.000	562.398	4812309.96	0.2509	A	4.9
7	☐	1000.000	963.557	8218763.21	0.4162	A	2.8
8	☐			1134561.95	0.0610	A	4.7

$$y = 4.1198\text{E-}004 * x + 0.0192$$

$$R = 0.9968$$

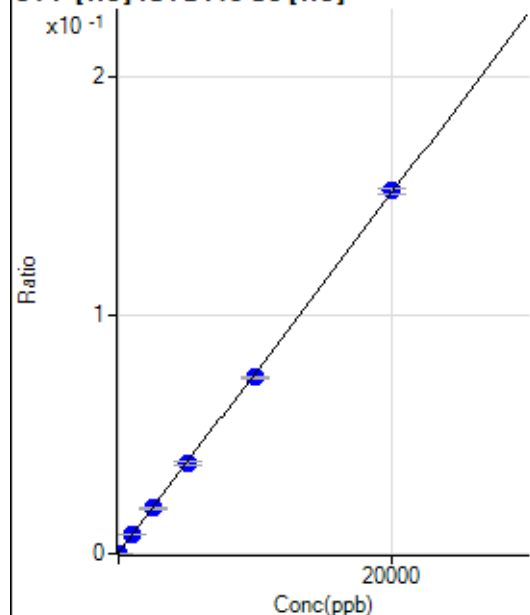
$$DL = 2.64$$

$$BEC = 46.64$$

Weight: <None>

Min Conc: 0

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



	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-1.476	208.34	0.0003	P	25.3
2	☐	0.000	1.476	219.45	0.0004	P	18.3
3	☐	1000.000	996.376	4717.56	0.0079	P	4.6
4	☐	2500.000	2488.762	11599.36	0.0191	P	2.2
5	☐	5000.000	4946.246	22707.34	0.0376	P	4.9
6	☐	10000.000	9767.106	46458.39	0.0740	P	0.8
7	☐	20000.000	20131.471	93037.76	0.1521	P	1.9
8	☐			250.01	0.0004	P	9.6

$$y = 7.5375\text{E-}006 * x + 3.5581\text{E-}004$$

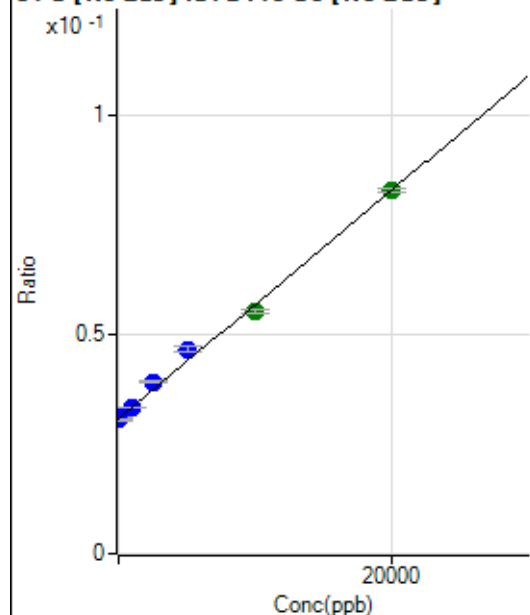
$$R = 0.9999$$

$$DL = 30.69$$

$$BEC = 47.21$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	77.190	581421.60	0.0310	P	0.8
2	☐	0.000	-77.190	576035.26	0.0306	P	1.5
3	☐	1000.000	962.458	641393.47	0.0333	P	1.2
4	☐	2500.000	3207.164	741853.32	0.0391	P	1.2
5	☐	5000.000	6097.375	907247.69	0.0466	P	2.4
6	☐	10000.000	9390.541	1058648.67	0.0552	A	1.3
7	☐	20000.000	19943.867	1631672.10	0.0826	A	0.9
8	☐			478172.87	0.0257	P	2.4

$$y = 2.5996E-006 * x + 0.0308$$

$$R = 0.9971$$

$$DL = 414.4$$

$$BEC = 1.184E+04$$

Weight: <None>

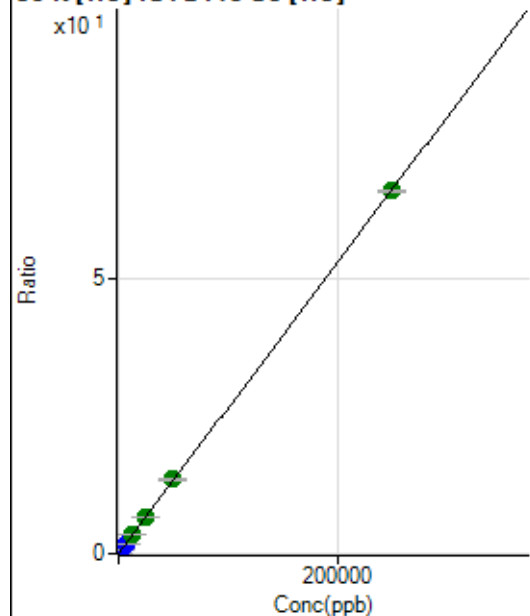
Min Conc: 0

35 Cl [No Gas] No available calibration points

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			360941.84		P	1.4
2	☐			363661.60		P	0.9
3	☐			301276.33		P	1.1
4	☐			301677.49		P	1.0
5	☐			283069.93		P	0.5
6	☐			292359.08		P	0.7
7	☐			302452.53		P	1.5
8	☐			262849.85		P	0.9

35 Cl [He] No available calibration points

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			2266.91		P	5.4
2	☐			2203.01		P	7.0
3	☐			1905.73		P	5.9
4	☐			2030.74		P	7.0
5	☐			1777.94		P	6.1
6	☐			2111.32		P	5.8
7	☐			1955.73		P	12.9
8	☐			1714.03		P	8.4

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

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	12653.09	0.0209	P	2.0
2	☐	500.000	531.762	96285.02	0.1609	P	1.4
3	☐	2500.000	2694.246	438146.10	0.7305	P	0.2
4	☐	6250.000	6719.216	1086602.30	1.7906	P	0.8
5	☐	12500.000	12857.098	2056314.19	3.4071	A	2.3
6	☐	25000.000	24916.857	4134018.24	6.5834	A	1.7
7	☐	50000.000	51218.564	8264460.51	13.5106	A	1.8
8	☐	250000.00	249733.01	40835273.13	65.7946	A	0.4

$$y = 2.6338E-004 * x + 0.0209$$

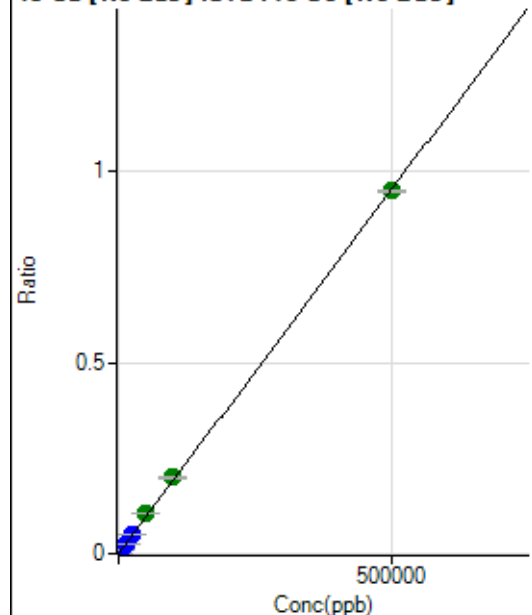
$$R = 1.0000$$

$$DL = 4.658$$

$$BEC = 79.31$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	527.03	0.0000	P	6.5
2	☐	500.000	541.567	19967.13	0.0011	P	1.5
3	☐	5000.000	5556.254	204553.74	0.0106	P	1.7
4	☐	12500.000	14274.886	516351.79	0.0272	P	0.4
5	☐	25000.000	27369.624	1015124.53	0.0522	P	2.6
6	☐	50000.000	55157.432	2016311.05	0.1051	A	2.2
7	☐	100000.00	104845.67	3945139.96	0.1998	A	1.8
8	☐	500000.00	498346.66	17650552.04	0.9495	A	0.6

$$y = 1.9053\text{E-}006 * x + 2.8088\text{E-}005$$

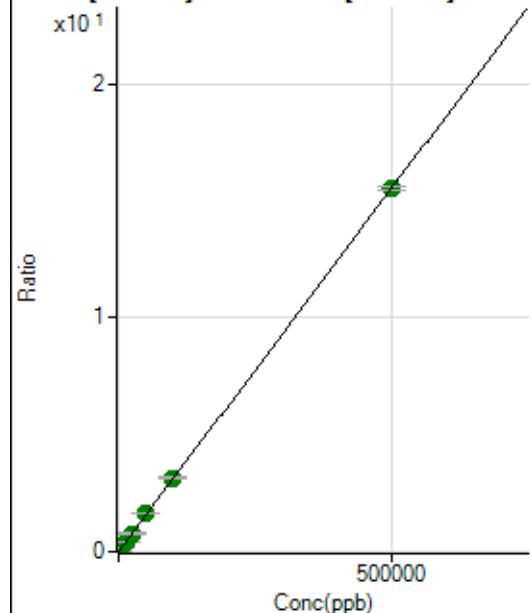
R = 0.9999

DL = 2.887

BEC = 14.74

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	27655.13	0.0015	P	0.7
2	☐	500.000	537.791	342572.74	0.0182	P	1.6
3	☐	5000.000	5168.867	3123982.27	0.1621	A	0.4
4	☐	12500.000	13075.735	7733965.51	0.4078	A	1.4
5	☐	25000.000	25066.100	15184611.53	0.7804	A	1.9
6	☐	50000.000	52246.449	31169696.55	1.6250	A	1.8
7	☐	100000.00	101455.83	62286906.74	3.1542	A	1.1
8	☐	500000.00	499464.76	288530200.8	15.5221	A	1.1

$$y = 3.1074\text{E-}005 * x + 0.0015$$

R = 1.0000

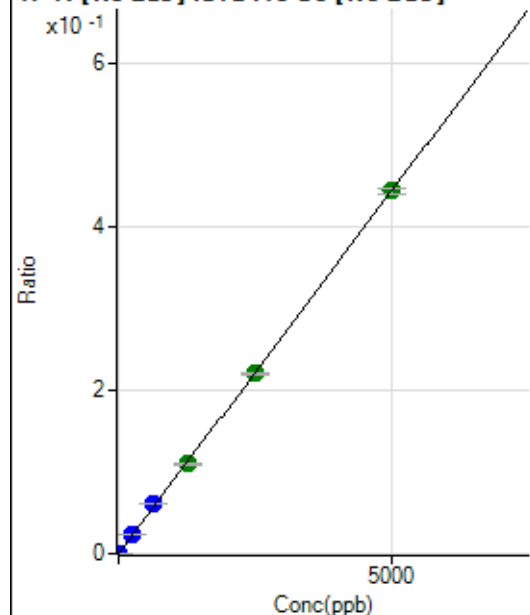
DL = 0.9569

BEC = 47.42

Weight: <None>

Min Conc: 0

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



	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	294.46	0.0000	P	17.7
2	☐	5.000	5.376	9294.93	0.0005	P	3.1
3	☐	250.000	265.109	454303.18	0.0236	P	1.6
4	☐	625.000	680.094	1146436.21	0.0604	P	1.1
5	☐	1250.000	1238.519	2141771.77	0.1101	A	2.0
6	☐	2500.000	2486.123	4237871.19	0.2209	A	1.3
7	☐	5000.000	5002.166	8777860.18	0.4445	A	1.8
8	☐			3419.95	0.0002	P	5.9

$$y = 8.8861\text{E-}005 * x + 1.5701\text{E-}005$$

$$R = 0.9999$$

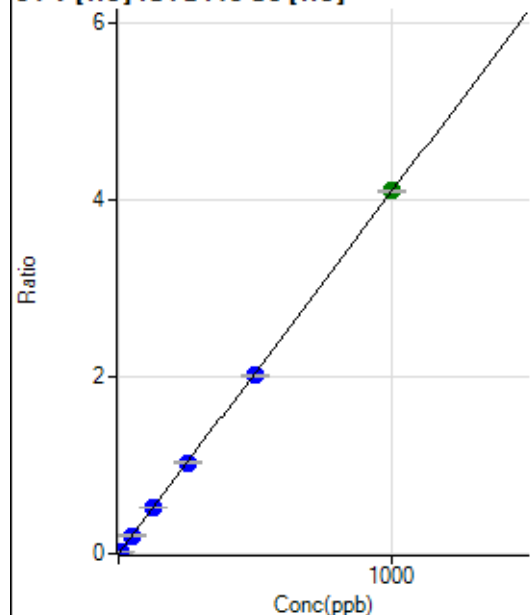
$$DL = 0.09358$$

$$BEC = 0.1767$$

Weight: <None>

Min Conc: 0

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



	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	12.22	0.0000	P	40.7
2	☐	5.000	5.123	12525.55	0.0209	P	1.1
3	☐	50.000	50.473	123609.46	0.2061	P	0.5
4	☐	125.000	126.400	313183.96	0.5161	P	0.3
5	☐	250.000	251.935	620801.14	1.0286	P	1.7
6	☐	500.000	492.812	1263420.73	2.0120	P	1.5
7	☐	1000.000	1002.911	2504901.98	4.0946	A	0.9
8	☐			414.46	0.0007	P	1.5

$$y = 0.0041 * x + 2.0108\text{E-}005$$

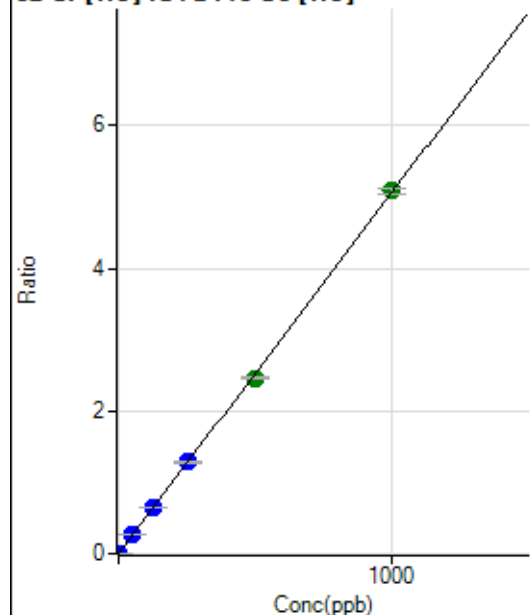
$$R = 1.0000$$

$$DL = 0.006017$$

$$BEC = 0.004925$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	887.81	0.0015	P	10.0
2	☐	2.000	2.125	7306.37	0.0122	P	1.9
3	☐	50.000	50.725	154720.67	0.2580	P	0.6
4	☐	125.000	127.920	393413.01	0.6483	P	0.5
5	☐	250.000	253.415	774230.10	1.2828	P	1.9
6	☐	500.000	486.843	1546685.17	2.4632	A	1.7
7	☐	1000.000	1005.323	3110785.41	5.0848	A	1.6
8	☐			6338.13	0.0102	P	1.0

$$y = 0.0051 * x + 0.0015$$

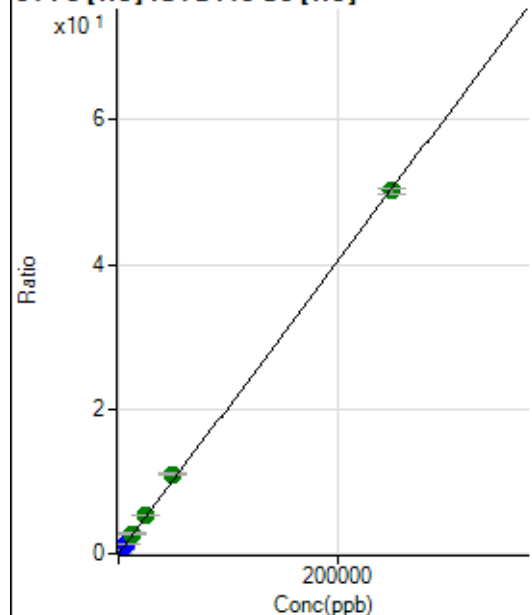
$$R = 0.9999$$

$$DL = 0.08661$$

$$BEC = 0.2901$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	455.57	0.0008	P	16.2
2	☐	50.000	57.587	7394.64	0.0124	P	3.1
3	☐	2500.000	2813.503	340580.22	0.5678	P	0.3
4	☐	6250.000	6995.425	856092.81	1.4107	P	0.3
5	☐	12500.000	13728.711	1670307.13	2.7678	A	2.5
6	☐	25000.000	26661.985	3375014.08	5.3746	A	1.3
7	☐	50000.000	54525.520	6723535.51	10.9905	A	1.1
8	☐	250000.00	248845.49	31127826.39	50.1563	A	1.7

$$y = 2.0155E-004 * x + 7.5321E-004$$

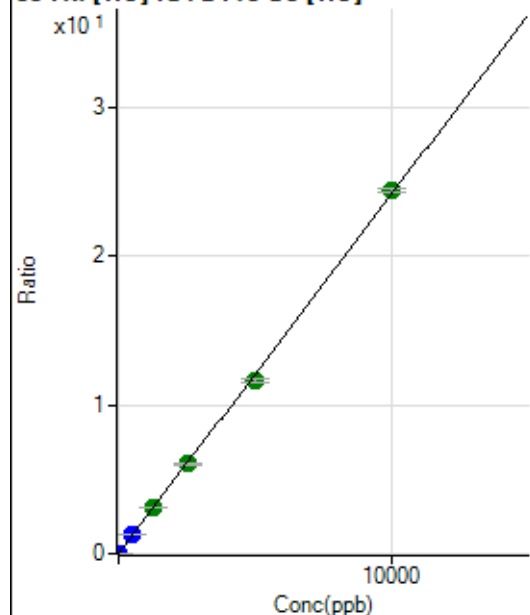
$$R = 0.9998$$

$$DL = 1.815$$

$$BEC = 3.737$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	91.11	0.0002	P	5.4
2	☐	1.000	1.085	1657.89	0.0028	P	8.8
3	☐	500.000	512.842	743299.86	1.2393	P	0.3
4	☐	1250.000	1264.906	1854758.65	3.0564	A	0.8
5	☐	2500.000	2496.771	3640576.47	6.0328	A	2.7
6	☐	5000.000	4811.498	7299679.75	11.6255	A	1.9
7	☐	10000.000	10092.553	14917077.70	24.3854	A	1.1
8	☐			10767.47	0.0174	P	2.0

$$y = 0.0024 * x + 1.5043E-004$$

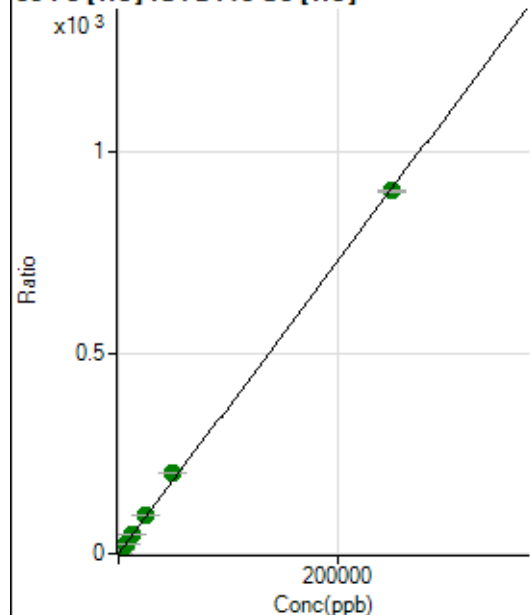
$$R = 0.9997$$

$$DL = 0.01016$$

$$BEC = 0.06226$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3735.74	0.0062	P	2.7
2	☐	50.000	57.907	129559.33	0.2166	P	1.6
3	☐	2500.000	2730.850	5954873.28	9.9282	A	0.7
4	☐	6250.000	6812.723	15024879.04	24.7588	A	0.8
5	☐	12500.000	13611.367	29852525.20	49.4604	A	1.7
6	☐	25000.000	26371.394	60169681.90	95.8214	A	1.5
7	☐	50000.000	55221.256	122742411.0	200.641	A	1.1
8	☐	250000.00	248746.66	560929297.7	903.777	A	0.6

$$y = 0.0036 * x + 0.0062$$

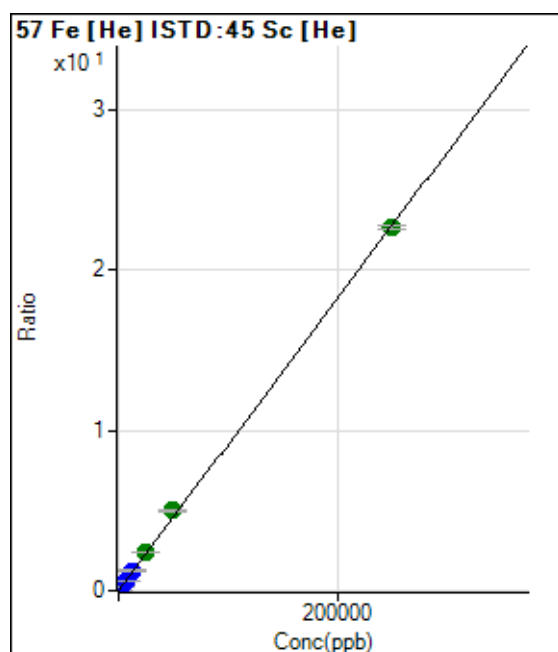
$$R = 0.9998$$

$$DL = 0.1367$$

$$BEC = 1.698$$

Weight: <None>

Min Conc: 0



	R _j t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	105.56	0.0002	P	44.5
2	☐	50.000	57.566	3239.31	0.0054	P	2.0
3	☐	2500.000	2781.783	151972.89	0.2534	P	0.6
4	☐	6250.000	6911.442	381858.24	0.6293	P	1.1
5	☐	12500.000	13813.761	758894.62	1.2575	P	2.4
6	☐	25000.000	26308.268	1503686.04	2.3948	A	1.8
7	☐	50000.000	54902.389	3057199.78	4.9974	A	0.7
8	☐	250000.00	248803.65	14054554.83	22.6463	A	1.0

$$y = 9.1020\text{E-}005 * x + 1.7497\text{E-}004$$

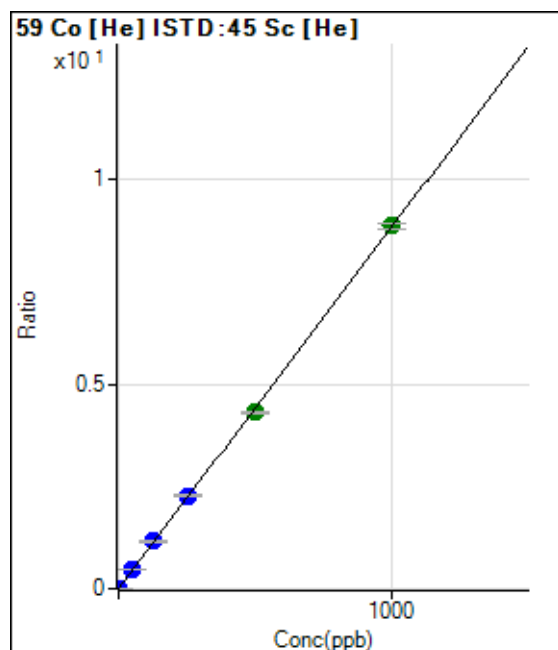
R = 0.9998

DL = 2.569

BEC = 1.922

Weight: <None>

Min Conc: 0



	R _j t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	100.00	0.0002	P	18.0
2	☐	1.000	1.068	5744.56	0.0096	P	1.9
3	☐	50.000	52.027	275940.20	0.4600	P	0.8
4	☐	125.000	130.577	700537.81	1.1544	P	1.0
5	☐	250.000	257.800	1375355.34	2.2790	P	2.2
6	☐	500.000	486.940	2703142.11	4.3044	A	0.6
7	☐	1000.000	1003.782	5427702.94	8.8730	A	1.5
8	☐			12290.96	0.0198	P	3.1

$$y = 0.0088 * x + 1.6521\text{E-}004$$

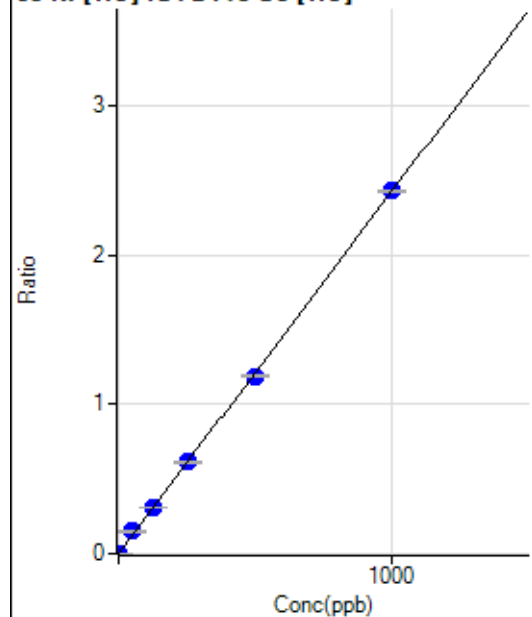
R = 0.9998

DL = 0.01011

BEC = 0.01869

Weight: <None>

Min Conc: 0

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

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	64.45	0.0001	P	56.2
2	☐	1.000	1.055	1591.22	0.0027	P	4.7
3	☐	50.000	61.249	88978.44	0.1484	P	1.2
4	☐	125.000	128.976	189505.00	0.3123	P	0.2
5	☐	250.000	253.087	369767.76	0.6127	P	1.7
6	☐	500.000	490.701	745859.93	1.1878	P	1.2
7	☐	1000.000	1002.818	1484839.39	2.4273	P	0.7
8	☐			3574.93	0.0058	P	2.2

$$y = 0.0024 * x + 1.0609E-004$$

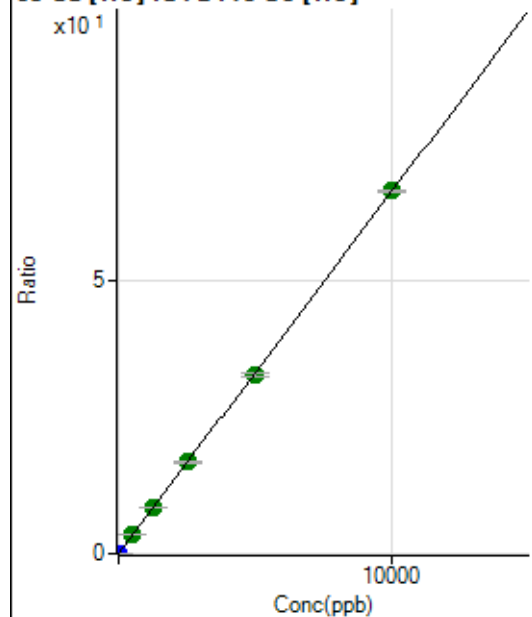
$$R = 0.9999$$

$$DL = 0.07389$$

$$BEC = 0.04383$$

Weight: <None>

Min Conc: 0

63 Cu [He] ISTD:45 Sc [He]

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	906.71	0.0015	P	6.2
2	☐	2.000	1.960	8640.50	0.0144	P	1.8
3	☐	500.000	529.304	2098403.06	3.4986	A	1.3
4	☐	1250.000	1286.646	5159583.33	8.5023	A	0.8
5	☐	2500.000	2535.270	10109756.24	16.7519	A	2.4
6	☐	5000.000	4917.232	20400374.69	32.4894	A	2.2
7	☐	10000.000	10026.521	40525421.34	66.2462	A	0.3
8	☐			8281.38	0.0133	P	4.0

$$y = 0.0066 * x + 0.0015$$

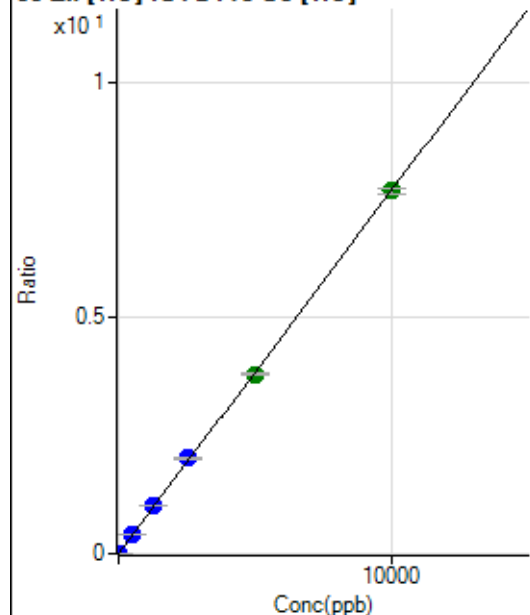
$$R = 0.9999$$

$$DL = 0.04206$$

$$BEC = 0.2265$$

Weight: <None>

Min Conc: 0

66 Zn [He] ISTD:45 Sc [He]

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	382.23	0.0006	P	8.6
2	☐	2.000	2.416	1491.21	0.0025	P	6.5
3	☐	500.000	536.974	248640.77	0.4145	P	0.3
4	☐	1250.000	1327.993	621579.74	1.0243	P	1.1
5	☐	2500.000	2627.748	1222717.87	2.0261	P	2.7
6	☐	5000.000	4937.664	2390592.14	3.8067	A	1.3
7	☐	10000.000	9987.633	4709999.48	7.6993	A	1.3
8	☐			5508.90	0.0089	P	1.2

$$y = 7.7082\text{E-}004 * x + 6.3056\text{E-}004$$

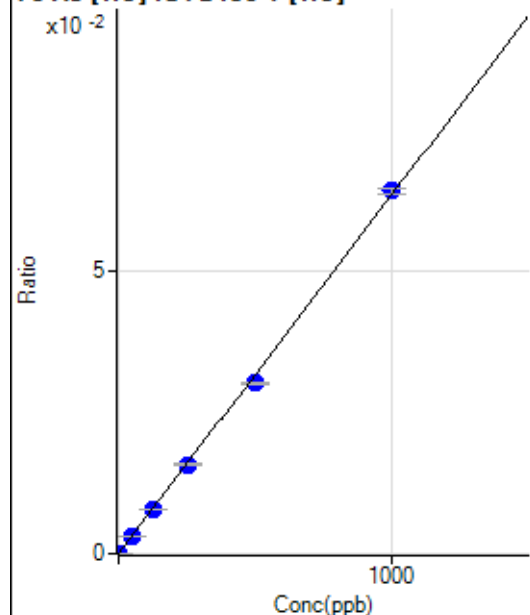
$$R = 0.9999$$

$$DL = 0.212$$

$$BEC = 0.818$$

Weight: <None>

Min Conc: 0

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

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	7.00	0.0000	P	51.2
2	☐	1.000	1.056	293.36	0.0001	P	3.8
3	☐	50.000	49.920	13658.63	0.0032	P	1.6
4	☐	125.000	123.190	34177.53	0.0078	P	0.9
5	☐	250.000	249.300	68302.66	0.0158	P	1.6
6	☐	500.000	476.846	137488.42	0.0302	P	1.3
7	☐	1000.000	1011.982	280189.27	0.0640	P	1.5
8	☐			83.01	0.0000	P	4.4

$$y = 6.3267\text{E-}005 * x + 1.6205\text{E-}006$$

$$R = 0.9996$$

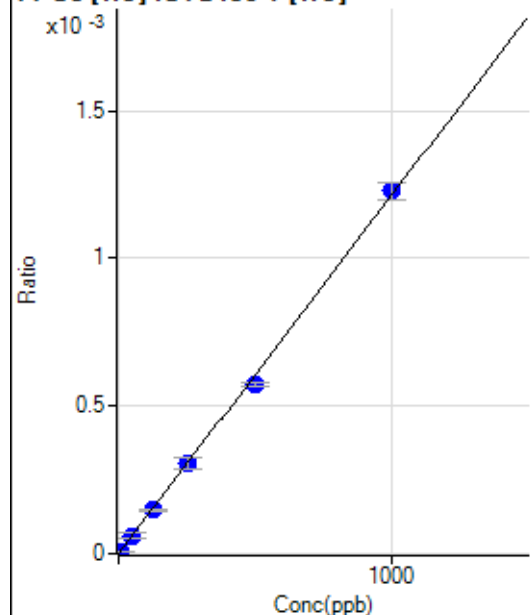
$$DL = 0.03932$$

$$BEC = 0.02561$$

Weight: <None>

Min Conc: 0

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



	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	3.849	20.00	0.0000	P	58.0
3	☐	50.000	50.159	263.34	0.0001	P	29.2
4	☐	125.000	121.187	644.47	0.0001	P	2.6
5	☐	250.000	252.301	1323.41	0.0003	P	13.6
6	☐	500.000	474.500	2622.49	0.0006	P	2.4
7	☐	1000.000	1012.649	5373.30	0.0012	P	4.6
8	☐			1.11	0.0000	P	173.

$$y = 1.2129\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9995$$

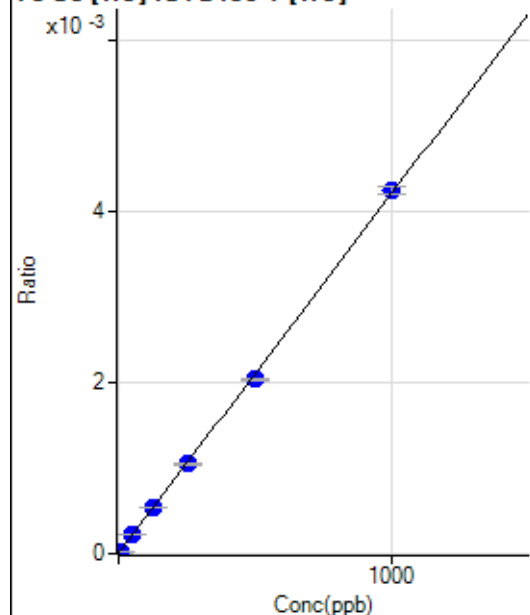
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	23.33	0.0000	P	31.2
2	☐	5.000	4.836	110.34	0.0000	P	2.1
3	☐	50.000	52.409	975.80	0.0002	P	2.2
4	☐	125.000	127.957	2381.78	0.0005	P	2.6
5	☐	250.000	248.411	4544.53	0.0010	P	2.6
6	☐	500.000	483.726	9291.33	0.0020	P	1.1
7	☐	1000.000	1008.045	18566.40	0.0042	P	2.0
8	☐			42.67	0.0000	P	9.3

$$y = 4.2037\text{E-}006 * x + 5.4007\text{E-}006$$

$$R = 0.9998$$

$$DL = 1.203$$

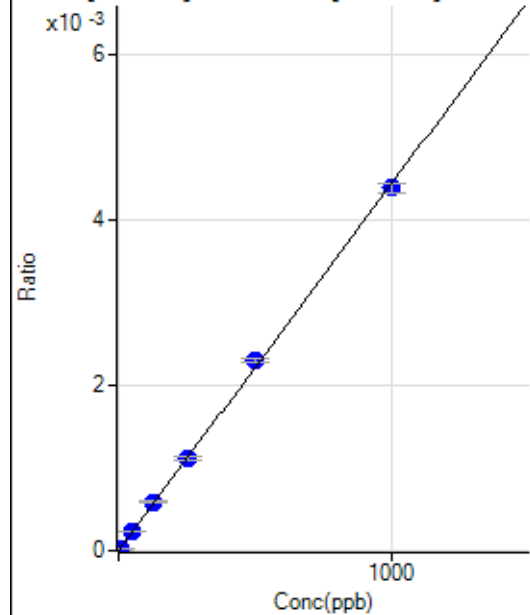
$$BEC = 1.285$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			8361.14		P	6.9
2	☐			7887.03		P	3.3
3	☐			7937.13		P	2.3
4	☐			8411.27		P	6.3
5	☐			7796.89		P	0.6
6	☐			8317.75		P	3.0
7	☐			8938.77		P	10.4
8	☐			8932.07		P	5.8

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

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	-44.23	0.0000	P	-22.2
2	☐	5.000	5.415	1029.86	0.0000	P	4.3
3	☐	50.000	51.912	10542.38	0.0002	P	0.7
4	☐	125.000	133.247	26463.38	0.0006	P	0.8
5	☐	250.000	251.976	51733.74	0.0011	P	2.4
6	☐	500.000	518.703	104926.91	0.0023	P	1.9
7	☐	1000.000	989.026	206044.21	0.0044	P	2.5
8	☐			9.77	0.0000	P	166.

$$y = 4.4452\text{E-}006 * x - 9.9257\text{E-}007$$

$$R = 0.9997$$

$$DL = 0.149$$

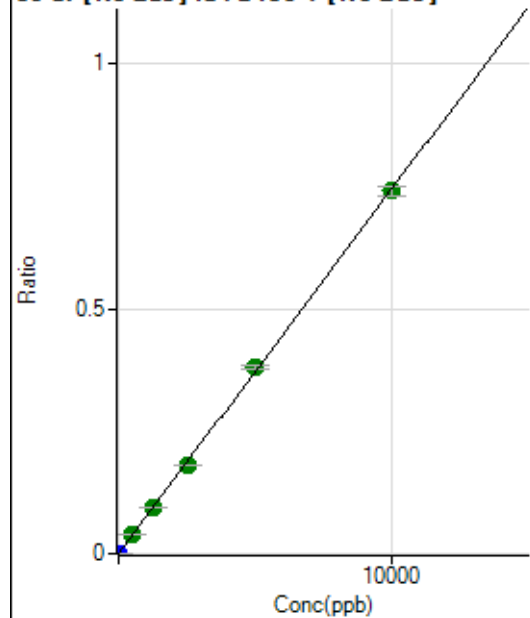
$$BEC = -0.2233$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			691.13		P	2.0
2	☐			658.91		P	9.4
3	☐			593.35		P	6.4
4	☐			694.47		P	6.5
5	☐			666.69		P	7.9
6	☐			691.14		P	1.6
7	☐			683.36		P	9.0
8	☐			732.25		P	4.6

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

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1088.96	0.0000	P	8.5
2	☐	1.000	1.113	4787.09	0.0001	P	1.9
3	☐	500.000	506.570	1730510.26	0.0377	A	0.6
4	☐	1250.000	1273.929	4243224.31	0.0948	A	1.0
5	☐	2500.000	2435.305	8379120.07	0.1812	A	0.5
6	☐	5000.000	5110.221	17312449.34	0.3802	A	1.4
7	☐	10000.000	9957.744	34733814.32	0.7409	A	2.4
8	☐			15225.30	0.0003	P	1.2

$$y = 7.4403\text{E-}005 * x + 2.4426\text{E-}005$$

$$R = 0.9999$$

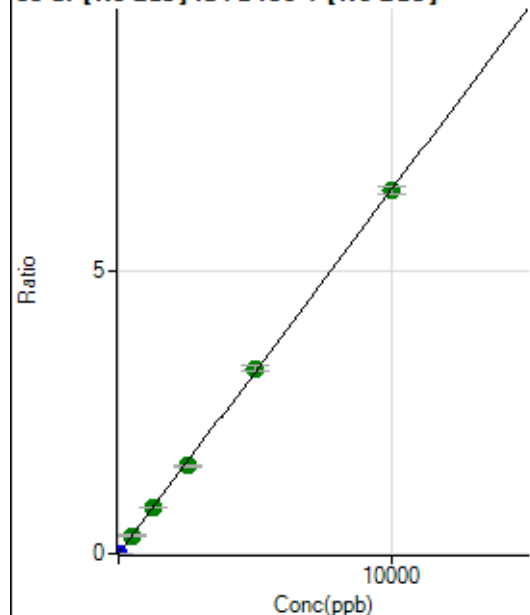
$$DL = 0.08353$$

$$BEC = 0.3283$$

Weight: <None>

Min Conc: 0

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



	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	744.49	0.0000	P	10.2
2	☐	1.000	1.168	34381.90	0.0008	P	3.2
3	☐	500.000	501.569	14852830.89	0.3237	A	0.5
4	☐	1250.000	1264.242	36513567.83	0.8159	A	0.8
5	☐	2500.000	2406.290	71796678.69	1.5529	A	1.2
6	☐	5000.000	5097.680	149748303.3	3.2898	A	3.0
7	☐	10000.000	9972.729	301718398.4	6.4359	A	2.0
8	☐			121564.00	0.0028	P	2.8

$$y = 6.4535E-004 * x + 1.6704E-005$$

$$R = 0.9999$$

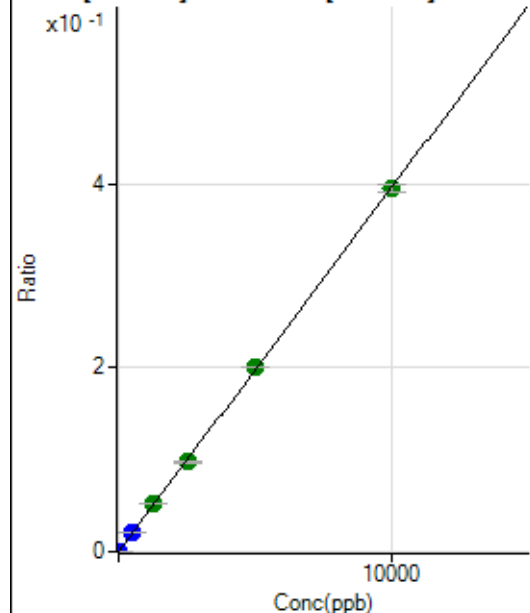
$$DL = 0.007953$$

$$BEC = 0.02588$$

Weight: <None>

Min Conc: 0

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



	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2544.75	0.0001	P	5.8
2	☐	1.000	10.093	20348.55	0.0005	P	2.8
3	☐	500.000	520.504	946983.62	0.0206	P	1.4
4	☐	1250.000	1301.164	2305109.82	0.0515	A	1.2
5	☐	2500.000	2464.054	4506346.76	0.0975	A	3.0
6	☐	5000.000	5068.583	9129194.21	0.2005	A	0.4
7	☐	10000.000	9967.273	18478951.80	0.3942	A	2.0
8	☐			7032.51	0.0002	P	3.4

$$y = 3.9541E-005 * x + 5.7077E-005$$

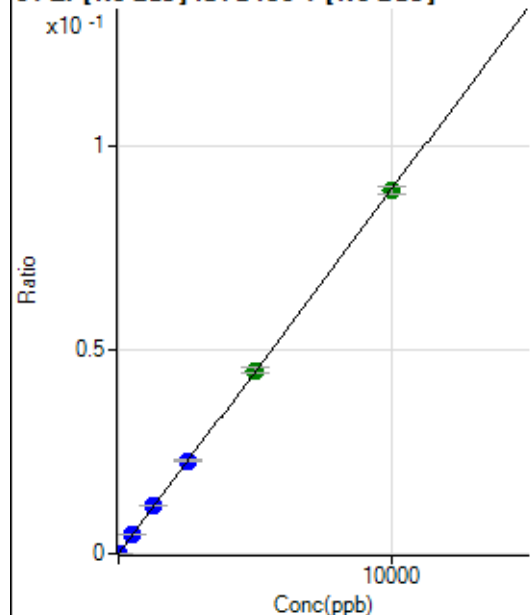
$$R = 0.9999$$

$$DL = 0.2493$$

$$BEC = 1.443$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	458.35	0.0000	P	26.4
2	☐	1.000	10.542	4656.47	0.0001	P	7.3
3	☐	500.000	510.281	209661.88	0.0046	P	0.3
4	☐	1250.000	1328.298	531590.91	0.0119	P	0.6
5	☐	2500.000	2545.413	1051908.40	0.0228	P	1.7
6	☐	5000.000	5037.262	2049444.49	0.0450	A	2.6
7	☐	10000.000	9959.714	4172112.94	0.0890	A	2.1
8	☐			1644.58	0.0000	P	13.5

$$y = 8.9346\text{E-}006 * x + 1.0283\text{E-}005$$

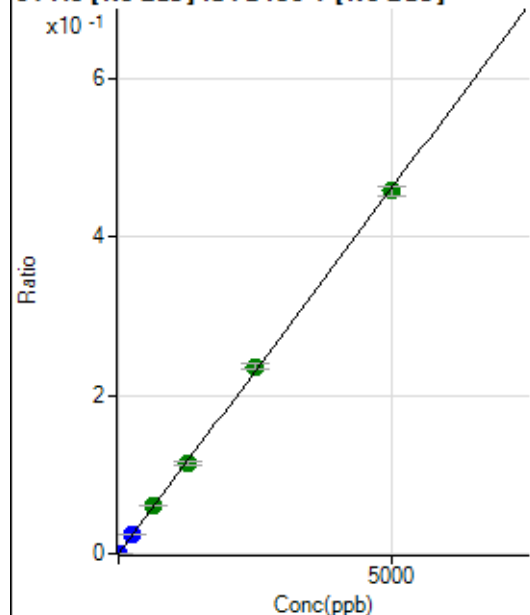
$$R = 1.0000$$

$$DL = 0.9109$$

$$BEC = 1.151$$

Weight: <None>

Min Conc: 0

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

	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	805.60	0.0000	P	6.5
2	☐	5.000	5.516	23531.57	0.0005	P	2.7
3	☐	250.000	261.997	1110944.10	0.0242	P	0.3
4	☐	625.000	652.763	2698648.00	0.0603	A	1.0
5	☐	1250.000	1241.526	5300258.97	0.1147	A	3.1
6	☐	2500.000	2563.652	10780679.41	0.2368	A	2.5
7	☐	5000.000	4966.222	21498391.63	0.4586	A	2.7
8	☐			6710.14	0.0002	P	7.1

$$y = 9.2345\text{E-}005 * x + 1.8066\text{E-}005$$

$$R = 0.9999$$

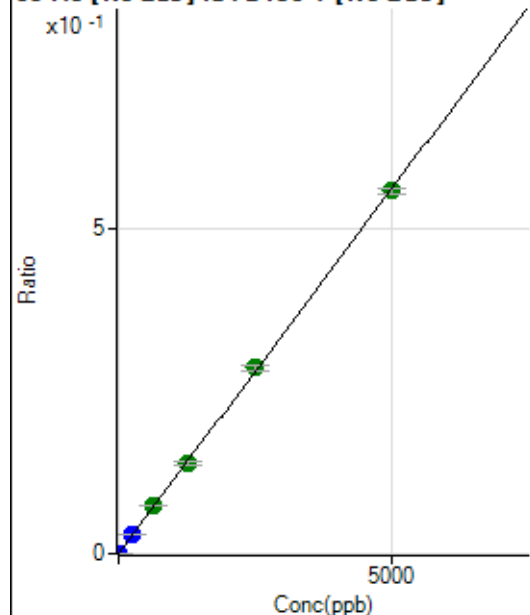
$$DL = 0.03809$$

$$BEC = 0.1956$$

Weight: <None>

Min Conc: 0

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



	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	50.00	0.0000	P	49.6
2	☐	5.000	5.594	28098.51	0.0006	P	3.4
3	☐	250.000	258.304	1332219.96	0.0290	P	0.5
4	☐	625.000	651.534	3277503.81	0.0732	A	0.1
5	☐	1250.000	1235.675	6420338.95	0.1389	A	2.8
6	☐	2500.000	2549.055	13042436.23	0.2865	A	3.0
7	☐	5000.000	4975.321	26218574.20	0.5592	A	1.6
8	☐			7324.38	0.0002	P	7.0

$$y = 1.1240\text{E-}004 * x + 1.1197\text{E-}006$$

$$R = 0.9999$$

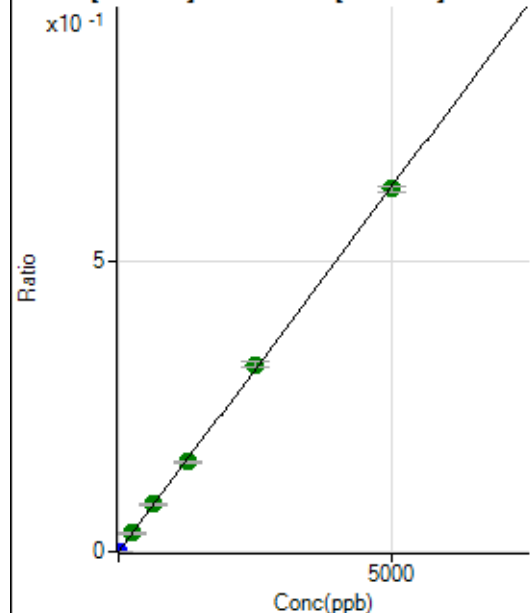
$$DL = 0.01483$$

$$BEC = 0.009962$$

Weight: <None>

Min Conc: 0

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



	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	205.56	0.0000	P	39.2
2	☐	5.000	5.490	30929.61	0.0007	P	3.2
3	☐	250.000	250.489	1442194.34	0.0314	A	0.4
4	☐	625.000	646.184	3628547.95	0.0811	A	1.5
5	☐	1250.000	1228.554	7126662.31	0.1541	A	1.1
6	☐	2500.000	2560.519	14623975.67	0.3213	A	2.9
7	☐	5000.000	4972.429	29247940.24	0.6239	A	1.7
8	☐			10829.51	0.0002	P	7.1

$$y = 1.2546\text{E-}004 * x + 4.6089\text{E-}006$$

$$R = 0.9999$$

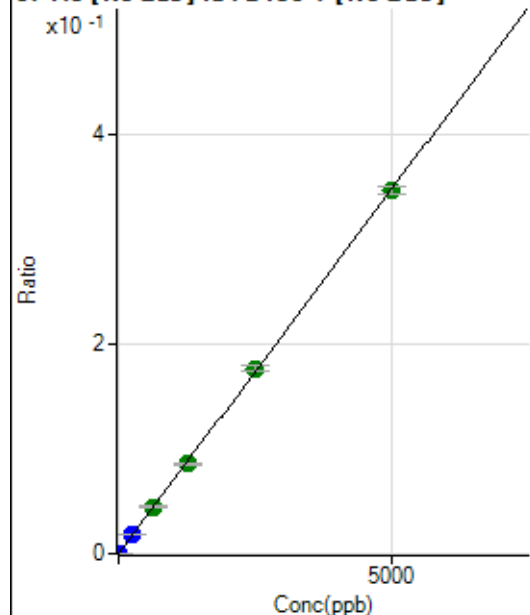
$$DL = 0.04318$$

$$BEC = 0.03673$$

Weight: <None>

Min Conc: 0

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



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	33.33	0.0000	P	24.6
2	☐	5.000	5.297	16474.04	0.0004	P	0.8
3	☐	250.000	260.933	832789.02	0.0182	P	0.5
4	☐	625.000	646.117	2011386.70	0.0449	A	1.7
5	☐	1250.000	1228.170	3949881.90	0.0854	A	0.8
6	☐	2500.000	2545.229	8058540.98	0.1770	A	3.0
7	☐	5000.000	4979.656	16237882.31	0.3464	A	2.0
8	☐			4097.94	0.0001	P	4.3

$$y = 6.9555\text{E-}005 * x + 7.4708\text{E-}007$$

$$R = 0.9999$$

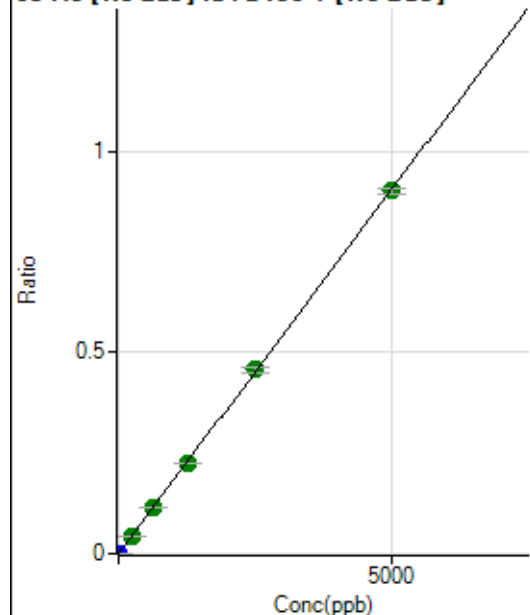
$$DL = 0.007912$$

$$BEC = 0.01074$$

Weight: <None>

Min Conc: 0

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



	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	61.11	0.0000	P	7.9
2	☐	5.000	5.330	43067.60	0.0010	P	3.3
3	☐	250.000	249.210	2068745.70	0.0451	A	0.8
4	☐	625.000	642.575	5202866.00	0.1163	A	1.0
5	☐	1250.000	1235.818	10337171.24	0.2236	A	0.9
6	☐	2500.000	2533.276	20861799.25	0.4583	A	3.0
7	☐	5000.000	4984.750	42281032.20	0.9018	A	1.3
8	☐			10537.64	0.0002	P	7.5

$$y = 1.8091\text{E-}004 * x + 1.3707\text{E-}006$$

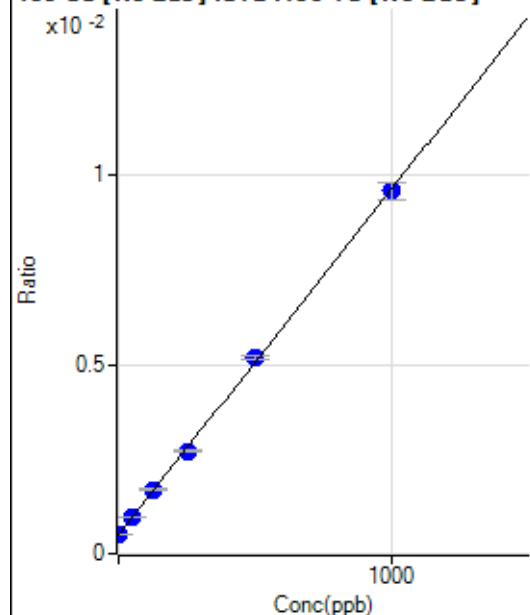
$$R = 1.0000$$

$$DL = 0.001796$$

$$BEC = 0.007577$$

Weight: <None>

Min Conc: 0

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

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	15203.21	0.0005	P	2.1
2	☐	1.000	0.599	15414.65	0.0005	P	3.3
3	☐	50.000	50.330	30247.88	0.0010	P	2.3
4	☐	125.000	130.933	53437.66	0.0017	P	2.3
5	☐	250.000	242.739	88236.14	0.0027	P	2.4
6	☐	500.000	512.141	165092.74	0.0052	P	1.7
7	☐	1000.000	994.987	309207.92	0.0096	P	4.7
8	☐			13365.20	0.0004	P	1.5

$$y = 9.1351\text{E-}006 * x + 5.0012\text{E-}004$$

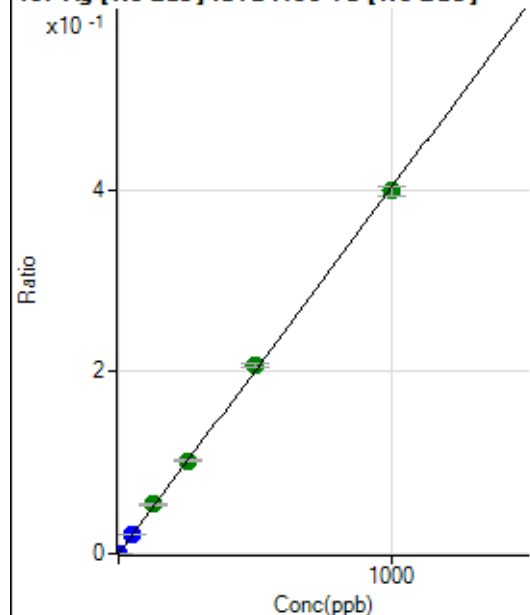
$$R = 0.9998$$

$$DL = 3.52$$

$$BEC = 54.75$$

Weight: <None>

Min Conc: 0

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

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	261.12	0.0000	P	17.8
2	☐	1.000	1.067	13348.46	0.0004	P	3.2
3	☐	50.000	54.263	688433.51	0.0218	P	1.8
4	☐	125.000	134.111	1700810.00	0.0540	A	2.8
5	☐	250.000	252.395	3298711.34	0.1016	A	2.1
6	☐	500.000	514.304	6597734.78	0.2070	A	2.5
7	☐	1000.000	990.897	12861076.68	0.3987	A	2.9
8	☐			4197.97	0.0001	P	7.1

$$y = 4.0240\text{E-}004 * x + 8.5941\text{E-}006$$

$$R = 0.9998$$

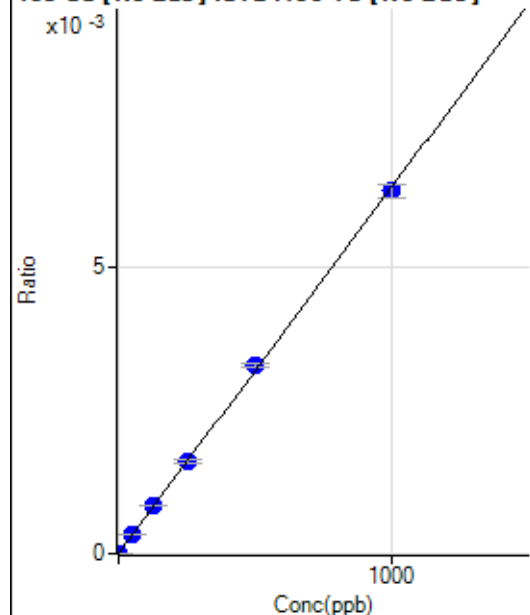
$$DL = 0.01142$$

$$BEC = 0.02136$$

Weight: <None>

Min Conc: 0

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



	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	93.06	0.0000	P	39.2
2	☐	1.000	1.200	327.79	0.0000	P	10.1
3	☐	50.000	53.297	10843.28	0.0003	P	1.8
4	☐	125.000	131.648	26634.17	0.0008	P	1.0
5	☐	250.000	252.641	52587.50	0.0016	P	3.3
6	☐	500.000	515.998	105341.60	0.0033	P	2.0
7	☐	1000.000	990.345	204454.90	0.0063	P	3.4
8	☐			170.83	0.0000	P	18.9

$$y = 6.3981E-006 * x + 3.0696E-006$$

$$R = 0.9998$$

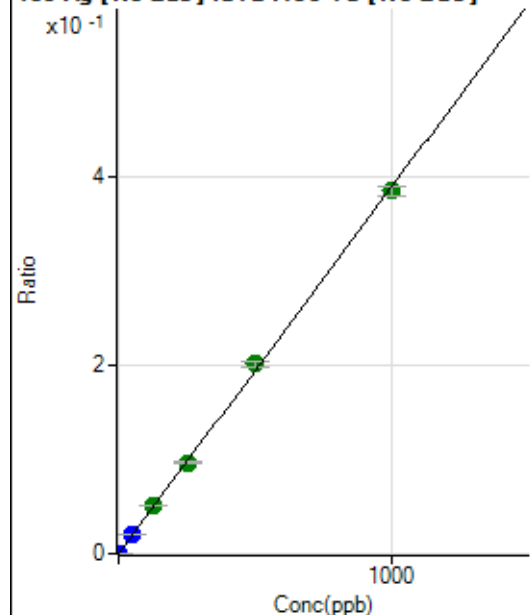
$$DL = 0.5638$$

$$BEC = 0.4798$$

Weight: <None>

Min Conc: 0

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



	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	52.78	0.0000	P	33.4
2	☐	1.000	1.041	12425.39	0.0004	P	0.8
3	☐	50.000	53.658	659278.52	0.0209	P	2.0
4	☐	125.000	132.412	1626305.22	0.0516	A	1.4
5	☐	250.000	249.190	3154112.35	0.0971	A	2.4
6	☐	500.000	518.302	6439667.55	0.2021	A	3.3
7	☐	1000.000	989.942	12447299.67	0.3859	A	2.8
8	☐			3961.79	0.0001	P	1.0

$$y = 3.8983E-004 * x + 1.7386E-006$$

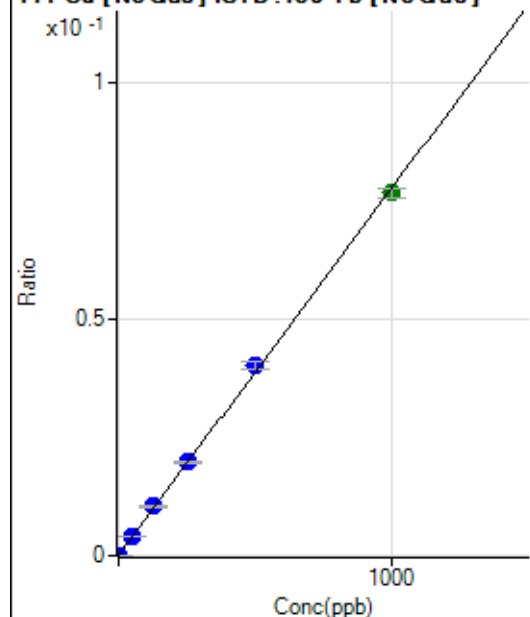
$$R = 0.9997$$

$$DL = 0.004474$$

$$BEC = 0.00446$$

Weight: <None>

Min Conc: 0

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

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1485.74	0.0000	P	4.8
2	☐	1.000	1.195	4311.00	0.0001	P	4.9
3	☐	50.000	52.463	129581.91	0.0041	P	2.7
4	☐	125.000	133.571	327476.86	0.0104	P	2.1
5	☐	250.000	254.393	641208.94	0.0198	P	3.4
6	☐	500.000	519.148	1282863.60	0.0403	P	4.2
7	☐	1000.000	988.133	2470139.38	0.0766	A	3.0
8	☐			1790.57	0.0001	P	1.6

$$y = 7.7455\text{E-}005 * x + 4.8865\text{E-}005$$

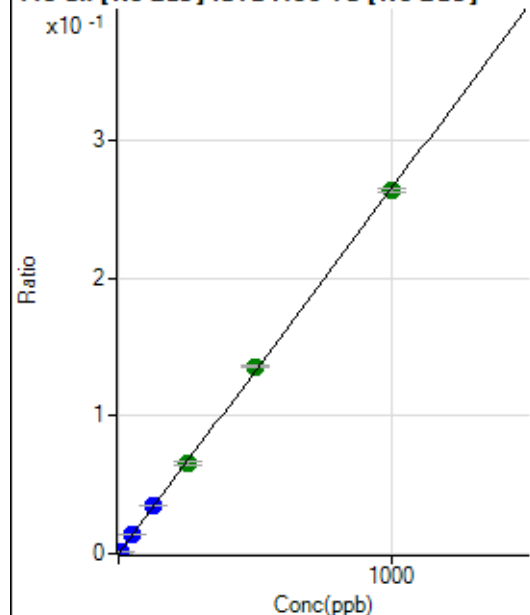
$$R = 0.9997$$

$$DL = 0.09158$$

$$BEC = 0.6309$$

Weight: <None>

Min Conc: 0

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

	Rjc t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1847.40	0.0001	P	6.8
2	☐	5.000	5.392	45384.25	0.0015	P	1.9
3	☐	50.000	52.206	437595.72	0.0139	P	2.6
4	☐	125.000	133.203	1113324.14	0.0353	P	0.8
5	☐	250.000	246.441	2119882.77	0.0653	A	4.8
6	☐	500.000	512.790	4331581.87	0.1359	A	1.3
7	☐	1000.000	993.357	8489639.95	0.2631	A	0.9
8	☐			3536.67	0.0001	P	2.8

$$y = 2.6483\text{E-}004 * x + 6.0788\text{E-}005$$

$$R = 0.9998$$

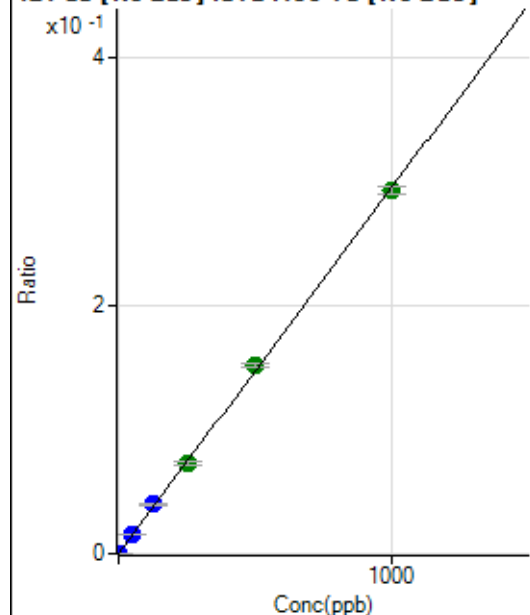
$$DL = 0.04652$$

$$BEC = 0.2295$$

Weight: <None>

Min Conc: 0

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



	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	36.11	0.0000	P	47.4
2	☐	2.000	2.203	19817.66	0.0007	P	1.2
3	☐	50.000	52.524	487505.54	0.0155	P	2.1
4	☐	125.000	134.133	1244604.04	0.0395	P	1.0
5	☐	250.000	247.048	2361882.93	0.0728	A	3.4
6	☐	500.000	515.189	4836866.51	0.1517	A	1.9
7	☐	1000.000	991.876	9422873.30	0.2921	A	2.2
8	☐			6351.65	0.0002	P	5.8

$$y = 2.9451\text{E-}004 * x + 1.1844\text{E-}006$$

$$R = 0.9998$$

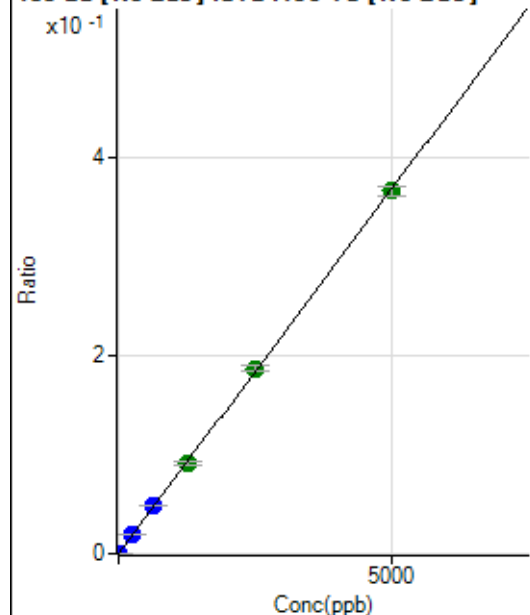
$$DL = 0.00572$$

$$BEC = 0.004022$$

Weight: <None>

Min Conc: 0

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



	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	75.00	0.0000	P	50.9
2	☐	10.000	11.122	25054.21	0.0008	P	1.9
3	☐	250.000	262.358	609124.67	0.0193	P	3.6
4	☐	625.000	663.393	1539973.62	0.0489	P	1.9
5	☐	1250.000	1228.682	2938830.88	0.0905	A	4.2
6	☐	2500.000	2542.685	5970987.41	0.1873	A	3.4
7	☐	5000.000	4978.568	11832353.48	0.3668	A	2.4
8	☐			4837.12	0.0002	P	6.4

$$y = 7.3680\text{E-}005 * x + 2.4707\text{E-}006$$

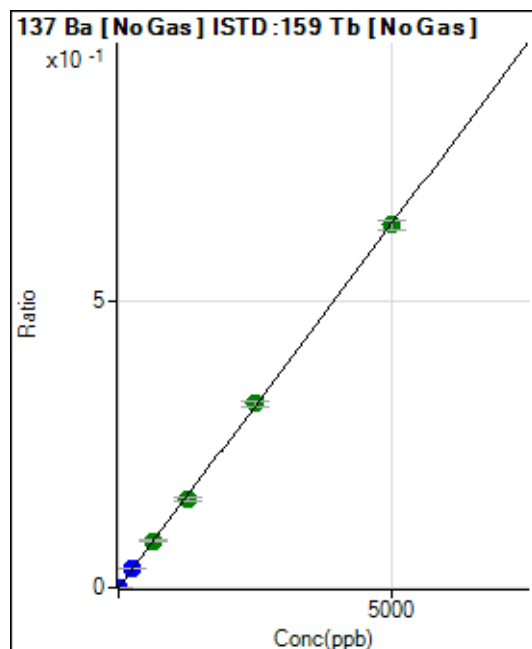
$$R = 0.9999$$

$$DL = 0.05123$$

$$BEC = 0.03353$$

Weight: <None>

Min Conc: 0



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	91.67	0.0000	P	46.3
2	☐	10.000	10.805	41893.35	0.0014	P	1.3
3	☐	250.000	264.998	1059787.05	0.0336	P	2.7
4	☐	625.000	647.056	2587077.60	0.0821	A	2.0
5	☐	1250.000	1220.574	5029775.20	0.1549	A	3.4
6	☐	2500.000	2530.267	10237582.09	0.3211	A	3.1
7	☐	5000.000	4988.714	20422018.86	0.6331	A	2.4
8	☐			8630.79	0.0003	P	2.7

$$y = 1.2691E-004 * x + 3.0232E-006$$

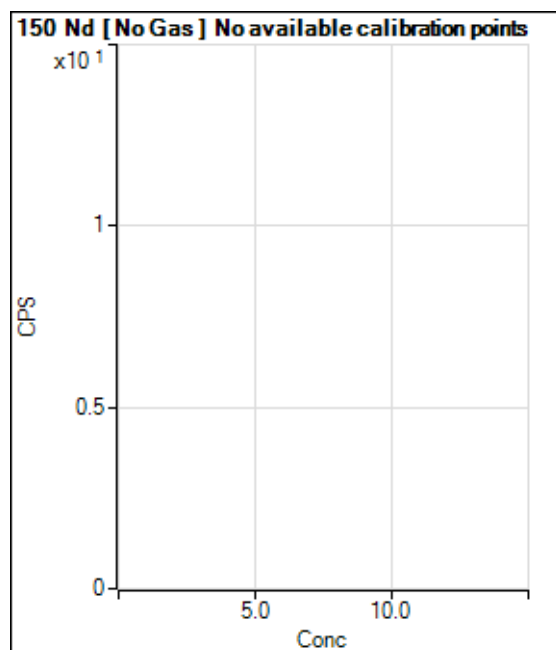
$$R = 0.9999$$

$$DL = 0.03309$$

$$BEC = 0.02382$$

Weight: <None>

Min Conc: 0



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			4.45		P	86.6
2	☐			2.22		P	173.
3	☐			44.45		P	77.0
4	☐			95.56		P	38.4
5	☐			153.34		P	8.7
6	☐			320.01		P	5.5
7	☐			528.91		P	20.1
8	☐			37.78		P	27.0

150 Nd [He] No available calibration points

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			0.00		P	
2	☐			0.00		P	
3	☐			2.22		P	86.6
4	☐			11.11		P	75.5
5	☐			14.44		P	35.3
6	☐			24.45		P	28.4
7	☐			40.00		P	60.1
8	☐			10.00		P	33.3

156 Dy [No Gas] No available calibration points

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			13.89		P	69.3
2	☐			13.89		P	34.7
3	☐			63.89		P	61.6
4	☐			55.56		P	17.3
5	☐			138.89		P	22.7
6	☐			352.79		P	13.0
7	☐			511.13		P	5.0
8	☐			1719.61		P	11.2

156 Dy [He] No available calibration points

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			4.45		P	86.6
2	☐			12.22		P	31.5
3	☐			20.00		P	60.1
4	☐			36.67		P	24.0
5	☐			45.56		P	30.5
6	☐			108.89		P	19.7
7	☐			193.34		P	9.6
8	☐			726.70		P	8.3

160 Gd [No Gas] Noavailable calibration poin_

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			233.34		P	9.4
2	☐			202.78		P	8.6
3	☐			241.68		P	19.2
4	☐			288.90		P	7.3
5	☐			327.79		P	7.8
6	☐			455.57		P	20.1
7	☐			736.15		P	13.1
8	☐			1908.51		P	6.5

160 Gd [He] No available calibration points

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			112.22		P	27.6
2	☐			66.67		P	35.0
3	☐			92.22		P	20.5
4	☐			130.00		P	2.6
5	☐			122.22		P	16.0
6	☐			203.34		P	14.6
7	☐			262.23		P	11.4
8	☐			927.82		P	2.3

164 Er [No Gas] No available calibration points

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			219.45		P	25.3
2	☐			188.90		P	6.7
3	☐			236.12		P	11.3
4	☐			266.68		P	25.0
5	☐			275.01		P	6.1
6	☐			277.79		P	10.5
7	☐			302.79		P	16.6
8	☐			433.35		P	12.6

164 Er [He] No available calibration points

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			82.22		P	9.4
2	☐			63.33		P	15.8
3	☐			81.11		P	34.9
4	☐			90.00		P	16.1
5	☐			84.44		P	9.1
6	☐			107.78		P	18.6
7	☐			98.89		P	5.1
8	☐			201.11		P	7.7

172 Yb [No Gas] No available calibration points

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			91.67		P	15.7
2	☐			86.11		P	27.9
3	☐			88.89		P	28.6
4	☐			94.45		P	68.5
5	☐			86.11		P	36.6
6	☐			61.11		P	15.7
7	☐			83.33		P	17.3
8	☐			130.56		P	7.4

172 Yb [He] No available calibration points

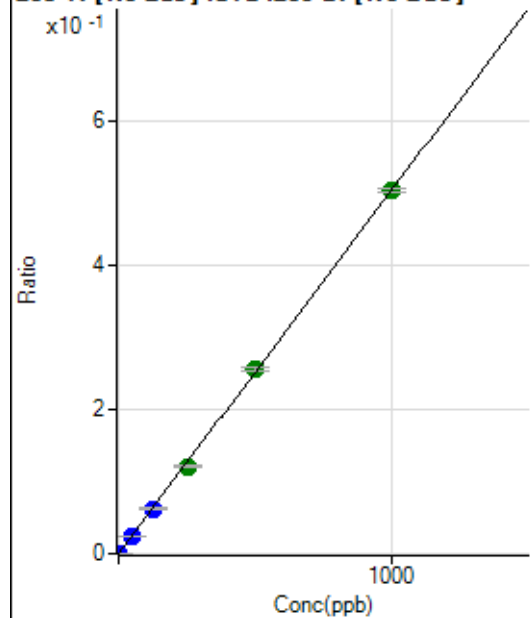
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			50.00		P	29.4
2	☐			35.19		P	48.2
3	☐			53.71		P	39.2
4	☐			35.18		P	39.7
5	☐			44.44		P	45.1
6	☐			24.08		P	74.2
7	☐			51.85		P	16.4
8	☐			55.56		P	36.1

176 Yb [No Gas] No available calibration points

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			4125.75		P	4.9
2	☐			3795.10		P	4.3
3	☐			5868.10		P	1.4
4	☐			8578.03		P	2.5
5	☐			13365.46		P	4.2
6	☐			23618.90		P	1.1
7	☐			43118.61		P	1.1
8	☐			3742.30		P	5.8

176 Yb [He] No available calibration points

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			4849.14		P	8.1
2	☐			3952.53		P	10.4
3	☐			4310.03		P	4.3
4	☐			5323.38		P	1.6
5	☐			7063.12		P	1.3
6	☐			11197.49		P	2.0
7	☐			18568.83		P	3.2
8	☐			3285.65		P	3.3

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

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	425.02	0.0000	P	12.0
2	☐	1.000	1.014	9812.37	0.0005	P	2.9
3	☐	50.000	49.441	469073.26	0.0250	P	2.4
4	☐	125.000	124.272	1184740.65	0.0627	P	3.4
5	☐	250.000	239.739	2332391.72	0.1209	A	1.5
6	☐	500.000	508.181	4738160.09	0.2563	A	1.8
7	☐	1000.000	998.594	9204256.89	0.5036	A	1.0
8	☐			1827.96	0.0001	P	17.2

$$y = 5.0431E-004 * x + 2.3028E-005$$

$$R = 0.9999$$

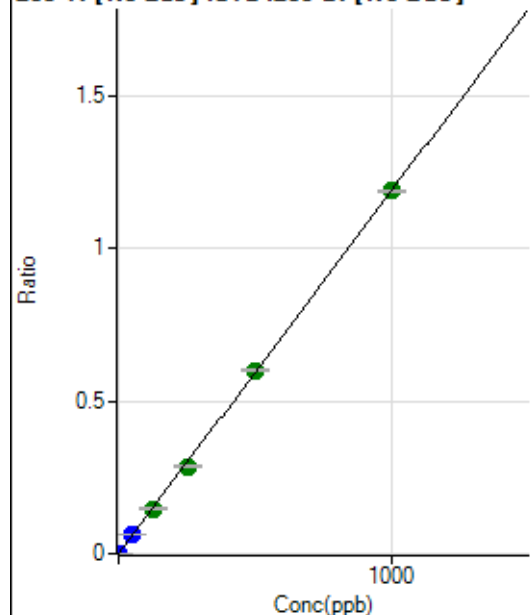
$$DL = 0.01639$$

$$BEC = 0.04566$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1022.29	0.0001	P	3.5
2	☐	1.000	0.993	22684.12	0.0012	P	0.6
3	☐	50.000	50.852	1135776.40	0.0604	P	1.5
4	☐	125.000	123.507	2771910.46	0.1467	A	2.4
5	☐	250.000	239.389	5481834.80	0.2842	A	1.6
6	☐	500.000	505.925	11103984.62	0.6007	A	1.5
7	☐	1000.000	999.834	21693278.78	1.1870	A	0.3
8	☐			4173.02	0.0003	P	8.0

$$y = 0.0012 * x + 5.5415E-005$$

$$R = 0.9999$$

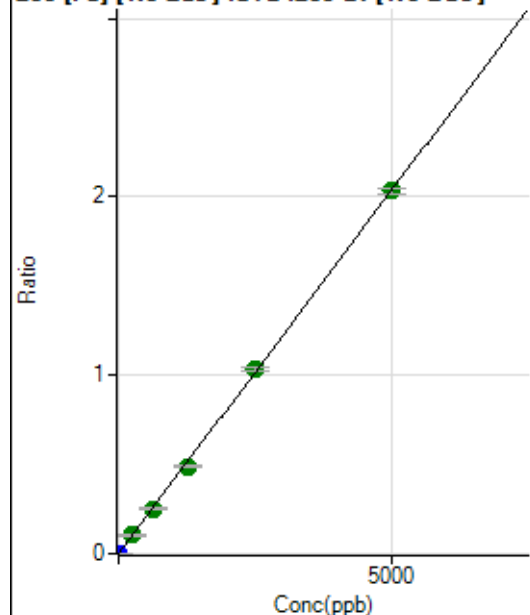
$$DL = 0.004866$$

$$BEC = 0.04668$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	829.67	0.0000	P	12.5
2	☐	1.000	0.983	8178.62	0.0004	P	0.9
3	☐	250.000	253.400	1938873.62	0.1032	A	2.8
4	☐	625.000	622.030	4785498.95	0.2532	A	2.0
5	☐	1250.000	1198.971	9409721.04	0.4879	A	1.1
6	☐	2500.000	2536.270	19079500.43	1.0321	A	1.9
7	☐	5000.000	4994.824	37146303.15	2.0326	A	1.5
8	☐			17096.73	0.0011	P	2.3

$$y = 4.0693E-004 * x + 4.4940E-005$$

$$R = 0.9999$$

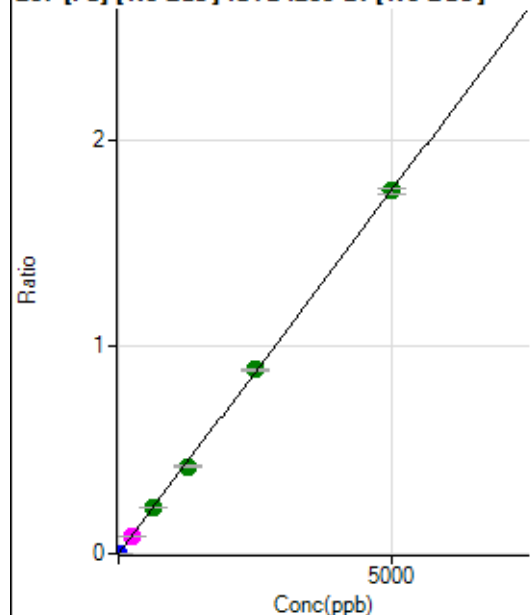
$$DL = 0.04127$$

$$BEC = 0.1104$$

Weight: <None>

Min Conc: 0

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



	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	688.92	0.0000	P	4.5
2	☐	1.000	0.989	7061.31	0.0004	P	1.7
3	☐	250.000	249.197	1643406.01	0.0874	M	1.5
4	☐	625.000	633.525	4200017.72	0.2222	A	2.6
5	☐	1250.000	1202.742	8131190.00	0.4218	A	2.6
6	☐	2500.000	2529.969	16402333.58	0.8873	A	1.0
7	☐	5000.000	4995.805	32018957.66	1.7521	A	1.7
8	☐			15105.28	0.0009	P	1.6

$$y = 3.5071E-004 * x + 3.7339E-005$$

$$R = 0.9999$$

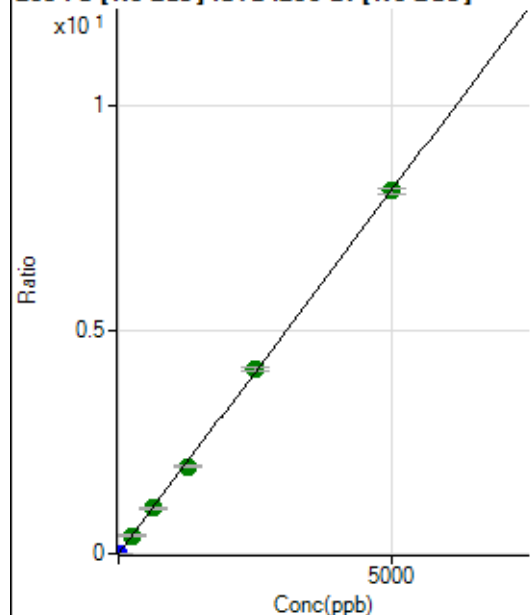
$$DL = 0.01438$$

$$BEC = 0.1065$$

Weight: <None>

Min Conc: 0

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



	R _{jt}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3046.49	0.0002	P	6.7
2	☐	1.000	1.002	32885.53	0.0018	P	0.7
3	☐	250.000	249.510	7609399.43	0.4048	A	1.8
4	☐	625.000	626.795	19217486.69	1.0168	A	2.1
5	☐	1250.000	1199.342	37504105.70	1.9454	A	1.8
6	☐	2500.000	2538.947	76123689.55	4.1180	A	1.4
7	☐	5000.000	4992.991	147994614.4	8.0982	A	1.7
8	☐			68945.15	0.0043	P	1.3

$$y = 0.0016 * x + 1.6510E-004$$

$$R = 0.9999$$

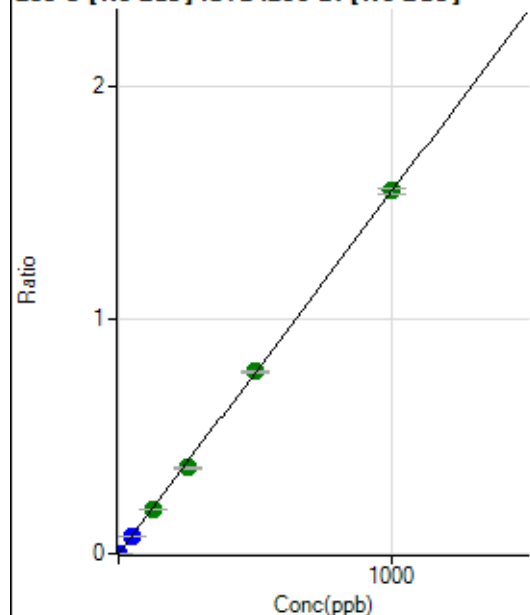
$$DL = 0.02048$$

$$BEC = 0.1018$$

Weight: <None>

Min Conc: 0

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



	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	22.22	0.0000	P	57.1
2	☐	1.000	0.992	28257.19	0.0015	P	2.6
3	☐	50.000	49.379	1437494.27	0.0765	P	0.6
4	☐	125.000	123.192	3606095.74	0.1908	A	0.8
5	☐	250.000	237.042	7077275.94	0.3671	A	1.9
6	☐	500.000	502.504	14385540.60	0.7782	A	0.7
7	☐	1000.000	1002.245	28365367.99	1.5521	A	1.7
8	☐			3458.91	0.0002	P	8.4

$$y = 0.0015 * x + 1.2059E-006$$

$$R = 0.9999$$

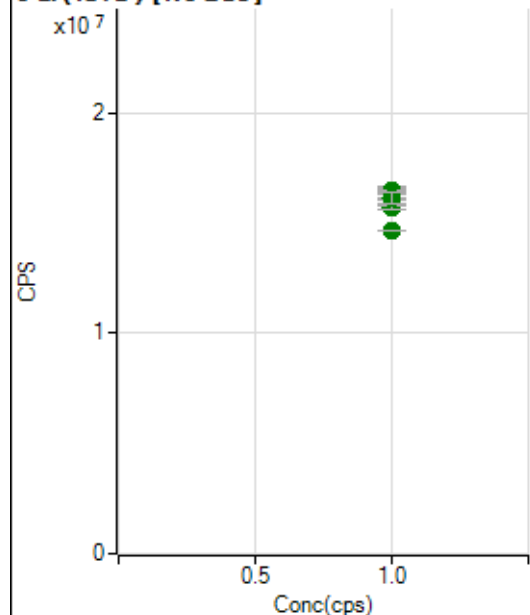
$$DL = 0.001334$$

$$BEC = 0.0007787$$

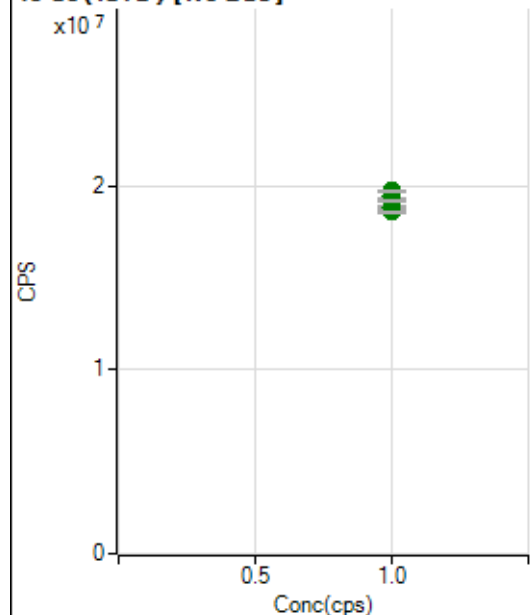
Weight: <None>

Min Conc: 0

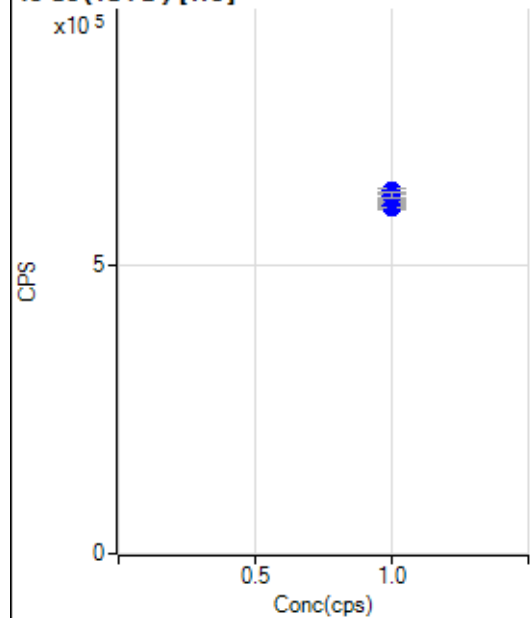
6 Li (ISTD) [No Gas]



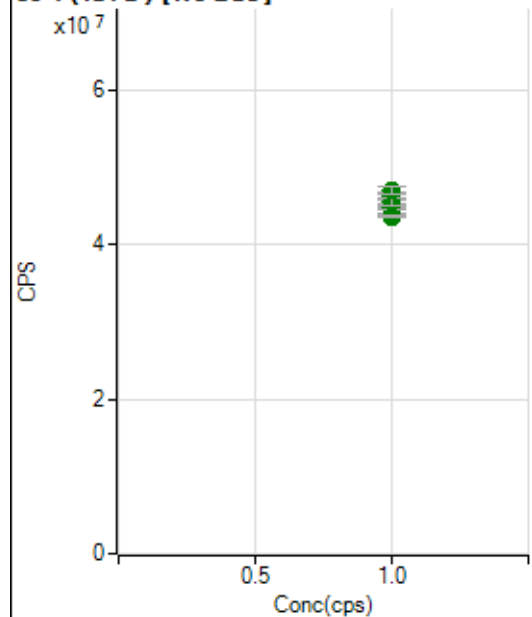
	R _{jc} t	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		16306057.58		A	2.3
2	☐	1.000		16386315.86		A	3.3
3	☐	1.000		16453952.00		A	1.0
4	☐	1.000		16411406.84		A	1.3
5	☐	1.000		16155607.01		A	1.7
6	☐	1.000		15718489.28		A	1.3
7	☐	1.000		16130806.30		A	3.1
8	☐	1.000		14648247.03		A	0.5

45 Sc (ISTD) [No Gas]

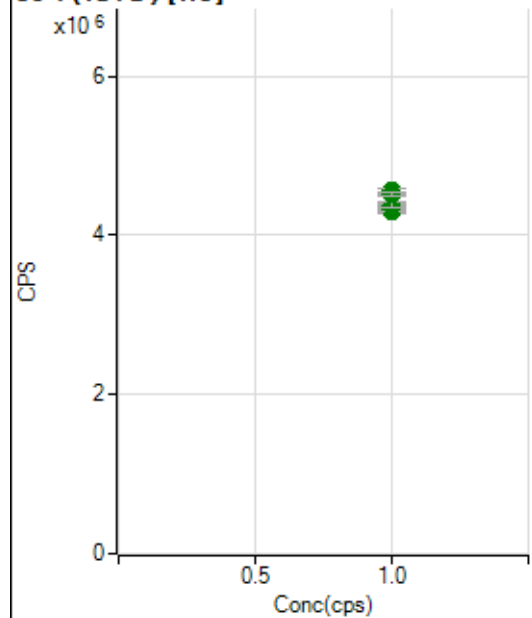
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		18768586.11		A	0.6
2	☐	1.000		18841000.55		A	1.5
3	☐	1.000		19273157.35		A	0.9
4	☐	1.000		18965469.58		A	0.2
5	☐	1.000		19463252.77		A	2.3
6	☐	1.000		19182502.35		A	0.5
7	☐	1.000		19748438.04		A	0.9
8	☐	1.000		18589171.11		A	0.7

45 Sc (ISTD) [He]

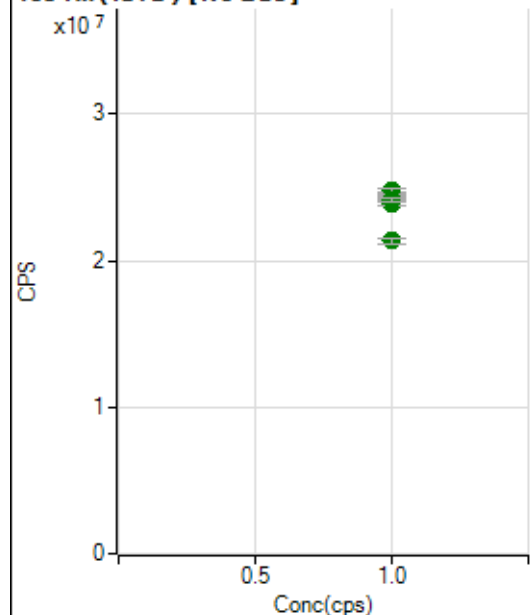
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		605708.39		P	1.4
2	☐	1.000		598294.54		P	0.7
3	☐	1.000		599797.64		P	0.3
4	☐	1.000		606858.73		P	0.4
5	☐	1.000		603659.90		P	1.8
6	☐	1.000		628037.34		P	1.7
7	☐	1.000		611742.82		P	0.6
8	☐	1.000		620666.76		P	1.3

89 Y (ISTD) [No Gas]

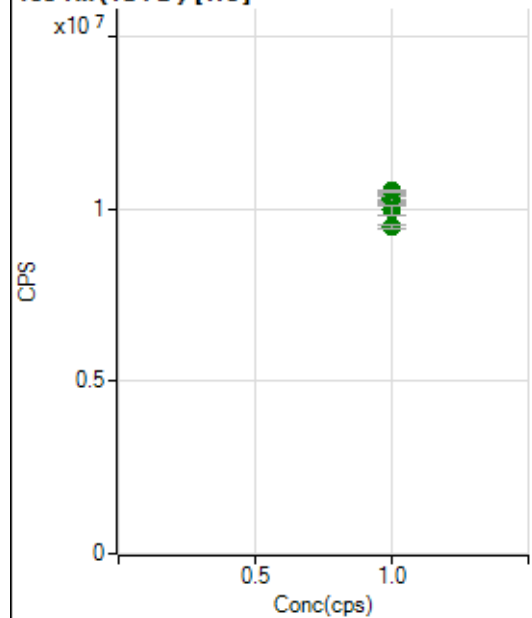
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		44584033.23		A	0.5
2	☐	1.000		44623072.11		A	2.3
3	☐	1.000		45883637.09		A	0.4
4	☐	1.000		44753558.78		A	0.6
5	☐	1.000		46239842.65		A	1.8
6	☐	1.000		45539157.10		A	2.2
7	☐	1.000		46893233.19		A	2.1
8	☐	1.000		43618941.29		A	0.9

89 Y (ISTD) [He]

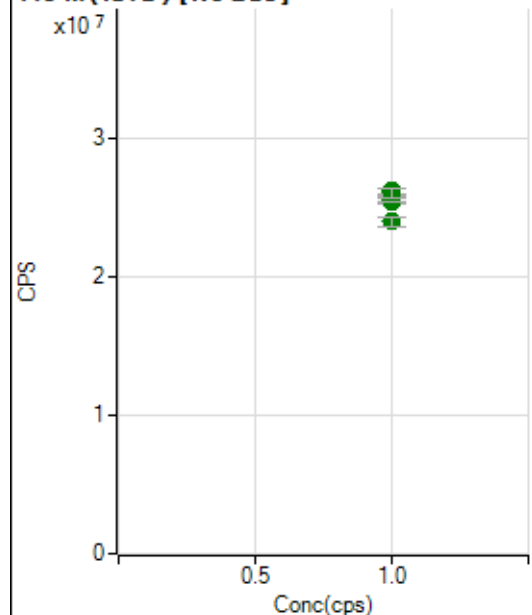
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		4316113.65		A	0.5
2	☐	1.000		4287981.29		A	1.1
3	☐	1.000		4322822.16		A	0.7
4	☐	1.000		4384424.76		A	0.6
5	☐	1.000		4330795.73		A	1.6
6	☐	1.000		4557635.77		A	1.4
7	☐	1.000		4376906.15		A	1.8
8	☐	1.000		4523399.73		A	1.2

103 Rh (ISTD) [No Gas]

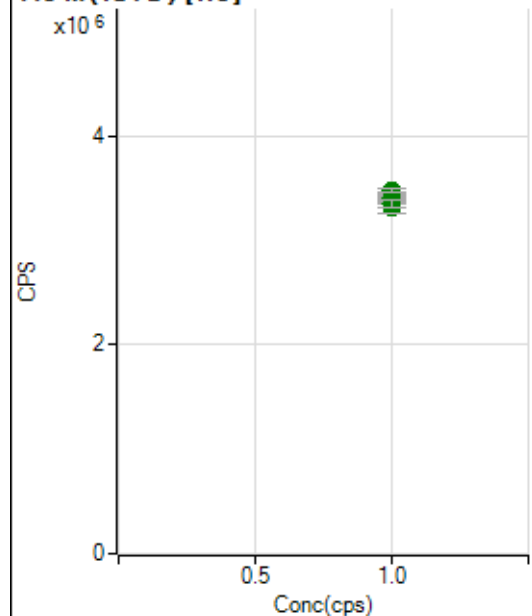
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		24305177.11		A	1.9
2	☐	1.000		24336093.60		A	2.4
3	☐	1.000		24502287.18		A	0.9
4	☐	1.000		24198591.51		A	1.8
5	☐	1.000		24762304.20		A	1.8
6	☐	1.000		23945946.02		A	1.4
7	☐	1.000		24187620.33		A	1.2
8	☐	1.000		21330843.70		A	1.5

103 Rh (ISTD) [He]

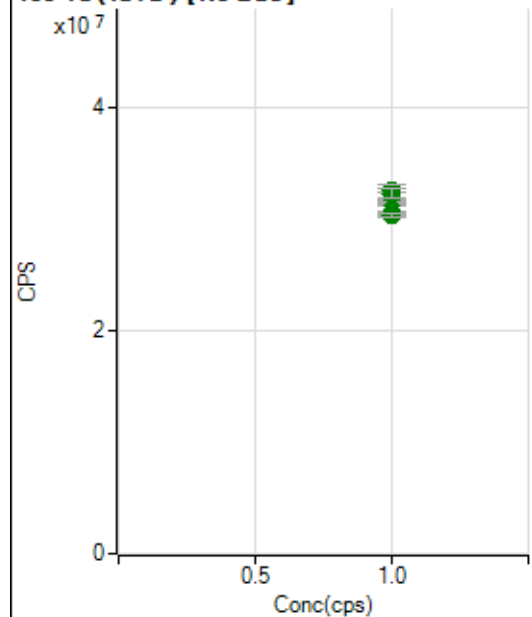
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		10433923.73		A	0.3
2	☐	1.000		10306614.29		A	1.7
3	☐	1.000		10368714.08		A	0.4
4	☐	1.000		10328241.93		A	0.9
5	☐	1.000		10270412.55		A	2.1
6	☐	1.000		10522272.07		A	0.7
7	☐	1.000		9958541.80		A	2.7
8	☐	1.000		9487617.15		A	0.9

115 In (ISTD) [No Gas]

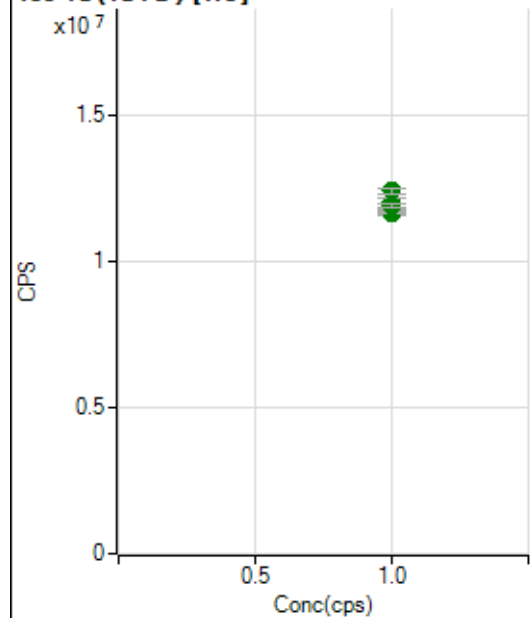
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		25400051.59		A	0.2
2	☐	1.000		25607929.75		A	2.5
3	☐	1.000		25726355.38		A	0.7
4	☐	1.000		25805033.33		A	0.3
5	☐	1.000		26189275.53		A	1.8
6	☐	1.000		25586914.70		A	1.5
7	☐	1.000		26038553.88		A	2.6
8	☐	1.000		23969419.64		A	2.6

115 In (ISTD) [He]

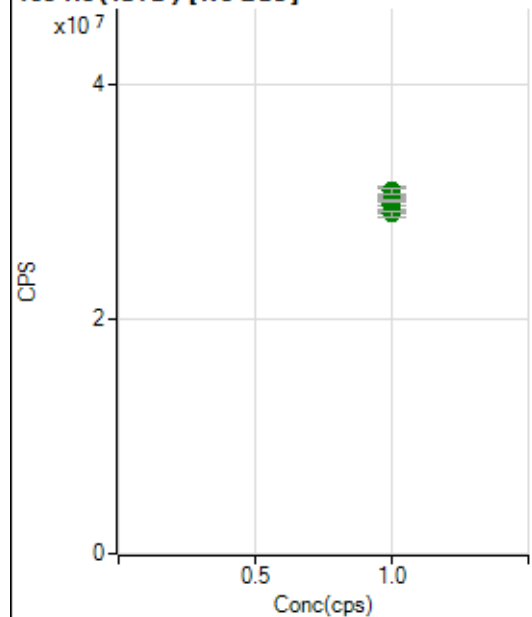
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		3447066.29		A	0.6
2	☐	1.000		3386485.99		A	1.5
3	☐	1.000		3403478.95		A	1.7
4	☐	1.000		3408223.49		A	0.9
5	☐	1.000		3411816.56		A	1.9
6	☐	1.000		3474565.57		A	0.9
7	☐	1.000		3311929.60		A	2.9
8	☐	1.000		3355582.16		A	2.2

159 Tb (ISTD) [No Gas]

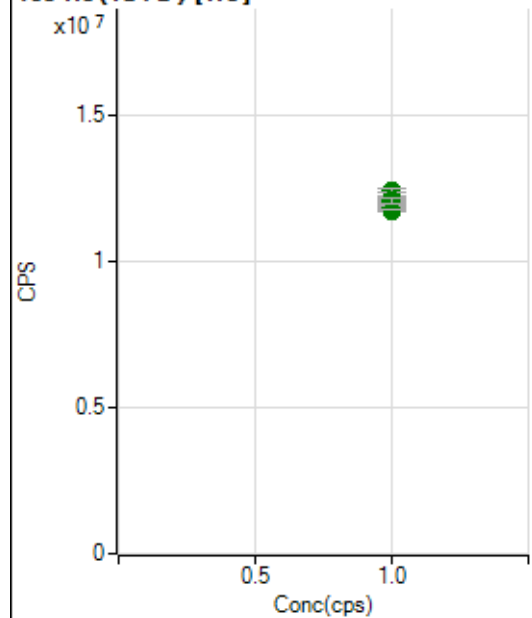
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		30395023.44		A	1.0
2	☐	1.000		30485191.49		A	0.8
3	☐	1.000		31522858.98		A	2.3
4	☐	1.000		31507287.31		A	0.8
5	☐	1.000		32486980.07		A	3.5
6	☐	1.000		31890016.47		A	2.8
7	☐	1.000		32268265.07		A	2.3
8	☐	1.000		30315926.21		A	1.0

159 Tb (ISTD) [He]

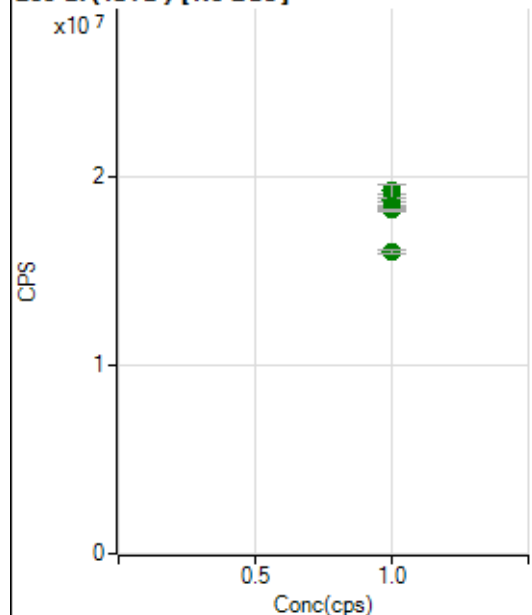
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		11673234.55		A	0.8
2	☐	1.000		11651592.19		A	1.1
3	☐	1.000		11766442.05		A	1.5
4	☐	1.000		12052896.21		A	1.5
5	☐	1.000		11875738.85		A	1.5
6	☐	1.000		12397982.46		A	1.8
7	☐	1.000		11653094.27		A	0.3
8	☐	1.000		11895362.32		A	1.2

165 Ho (ISTD) [No Gas]

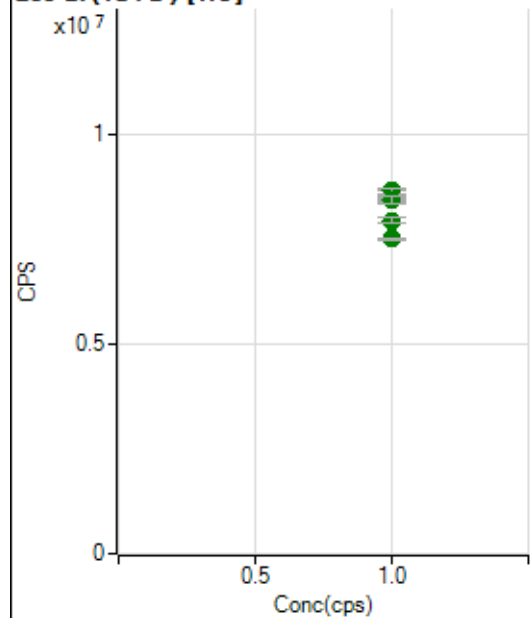
	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		29366901.00		A	2.1
2	☐	1.000		29857020.46		A	3.3
3	☐	1.000		29674737.47		A	2.8
4	☐	1.000		30258895.82		A	1.3
5	☐	1.000		30966557.29		A	2.4
6	☐	1.000		30164658.31		A	0.4
7	☐	1.000		30955758.33		A	1.4
8	☐	1.000		28982004.82		A	1.5

165 Ho (ISTD) [He]

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		11766162.32		A	1.3
2	☐	1.000		11719989.13		A	0.7
3	☐	1.000		11863408.99		A	2.0
4	☐	1.000		12128790.65		A	1.3
5	☐	1.000		12033821.90		A	0.9
6	☐	1.000		12409423.43		A	1.2
7	☐	1.000		11842443.71		A	1.3
8	☐	1.000		12075019.82		A	1.5

209 Bi (ISTD) [No Gas]

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		18443714.86		A	1.2
2	☐	1.000		18375705.97		A	1.8
3	☐	1.000		18798299.44		A	1.1
4	☐	1.000		18903775.27		A	1.9
5	☐	1.000		19286680.55		A	3.7
6	☐	1.000		18485383.89		A	0.6
7	☐	1.000		18275787.36		A	0.6
8	☐	1.000		16053786.57		A	1.5

209 Bi (ISTD) [He]

	Rjct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		8566299.53		A	2.7
2	☐	1.000		8442801.19		A	1.7
3	☐	1.000		8465672.93		A	1.0
4	☐	1.000		8671374.39		A	1.3
5	☐	1.000		8474299.94		A	1.0
6	☐	1.000		8451579.46		A	2.2
7	☐	1.000		7960522.66		A	1.8
8	☐	1.000		7522358.22		A	0.6

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\P8091021-MS.b
Acq. Date-Time 2021-09-10 09:06:29
Report Comment ---
Instrument Name G8403A SG19224459

[No Gas]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
9		33187	331871.27			0.609	5.000
24		183699	1836991.98			0.932	5.000
25		25938	259380.62			0.878	5.000
26		29753	297533.02			0.616	5.000
59		46899	468993.05			0.686	5.000
113		22183	221831.25			0.992	5.000
115		68427	684271.74			1.175	5.000
206		30092	300915.13			1.048	5.000
207		25311	253108.93			1.545	5.000
208		63190	631895.46			1.457	5.000
220		0	2.40			57.810	

Mass	RSD% (Flag)
9	
24	
25	
26	
59	
113	
115	
206	
207	
208	
220	

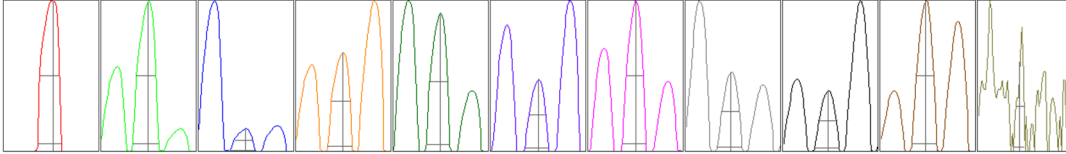
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	33284	32893	33444	33147	33168
24	182050	182848	184184	182973	186441
25	26033	25535	25995	26037	26091
26	29730	29492	29879	29970	29696
59	46857	46359	47027	47107	47147
113	22284	21871	22035	22363	22362
115	69843	68233	68195	67955	67910
206	30317	29688	29812	30288	30352
207	25423	24897	25068	25915	25251
208	63509	61886	62600	64022	63932

US EPA Tune Check Report

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
220	0	0	0	0	0

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	56844.27	9.10	8.90 - 9.10	
24	319677.21	24.00	23.90 - 24.10	
25	46715.56	25.00	24.90 - 25.10	
26	53412.05	26.00	25.90 - 26.10	
59	88190.45	59.00	58.90 - 59.10	
113	43869.43	113.05	112.90 - 113.10	
115	134658.11	115.05	114.90 - 115.10	
206	56577.83	205.95	205.90 - 206.10	
207	47854.65	206.95	206.90 - 207.10	
208	119018.69	207.95	207.90 - 208.10	
220	0.50	219.85	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.61	0.740	0.900	
24	0.61	0.824	0.900	
25	0.58	0.779	0.900	
26	0.59	0.776	0.900	
59	0.56	0.740	0.900	
113	0.52	0.739	0.900	
115	0.53	0.758	0.900	
206	0.55	0.783	0.900	
207	0.54	0.782	0.900	
208	0.54	0.786	0.900	
220	0.25	0.341		

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode --- Nebulizer Gas 0.75 L/min Dilution Gas 0.40 L/min

US EPA Tune Check Report

RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.40 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	10.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	-6.0 V	Omega Lens	9.0 V	Deflect	14.2 V
Extract 2	-195.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-100 V	Cell Exit	-50 V		

Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	4.0 V
He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	---	OctP RF	160 V		

QP Parameters

Mass Gain	123	Axis Gain	0.9991	QP Bias	-4.0 V
Mass Offset	124	Axis Offset	0.01		

Hardware Settings

Torch

Torch H	0.9 mm	Torch V	-0.8 mm
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EM

Discriminator	4.1 mV	Analog HV	2220 V	Pulse HV	1517 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		9588	95884.39			4.060	
89		37587	375868.97			4.396	
205		25006	250063.82			4.793	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	9989	9793	9286	9072	9803
89	39410	38387	36279	35449	38410
205	26335	25788	24046	23487	25377

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	---	Nebulizer Gas	0.75 L/min	Dilution Gas	0.40 L/min
RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.40 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	10.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	-6.0 V	Omega Lens	9.0 V	Deflect	3.2 V
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US EPA Tune Check Report

Extract 2	-195.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-100 V	Cell Exit	-70 V		
Cell Parameters					
Use Gas	Yes	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	4.5 mL/min	OctP Bias	-18.0 V		
H2 Flow	---	OctP RF	200 V		
QP Parameters					
Mass Gain	123	Axis Gain	0.9991	QP Bias	-13.0 V
Mass Offset	124	Axis Offset	0.01		
Hardware Settings					
Torch					
Torch H	0.9 mm	Torch V	-0.8 mm		
EM					
Discriminator	4.1 mV	Analog HV	2220 V	Pulse HV	1517 V

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P8
Client Sample ID :	TUNE033	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 09:09:32	DataFile Name :	001SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2						ppb
Antimony	121-1						ppb
Arsenic	75-2						ppb
Barium	135-1						ppb
Barium	137-1						ppb
Beryllium	9-1						ppb
Bismuth	209-1				100		%
Bismuth	209-2				96		%
Boron	10-1						ppb
Boron	11-1						ppb
Bromine	81-1						cps
Cadmium	111-1						ppb
Cadmium	106-1						ppb
Cadmium	108-1						ppb
Calcium	43-1						ppb
Calcium	44-1						ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2						ppb
Cobalt	59-2						ppb
Copper	63-2						ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				98		%
Indium	115-1				99		%
Indium	115-2				95		%
Iron	54-2						ppb
Iron	56-2						ppb
Iron	57-2						ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P8
Client Sample ID :	TUNE033	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 09:09:32	DataFile Name :	001SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1						ppb
Lead	207-1						ppb
Lead	208-1						ppb
Lithium	6-1				94		%
Magnesium	24-2						ppb
Manganese	55-2						ppb
Molybdenum	94-1						ppb
Molybdenum	95-1						ppb
Molybdenum	96-1						ppb
Molybdenum	97-1						ppb
Molybdenum	98-1						ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2						ppb
Phosphorus	31-2						ppb
Potassium	39-2						ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				98		%
Scandium	45-2				94		%
Selenium	82-1						ppb
Selenium	77-2						ppb
Selenium	78-2						ppb
Silicon	28-1						ppb
Silver	107-1						ppb
Silver	109-1						ppb
Sodium	23-2						ppb
Strontium	86-1						ppb
Strontium	88-1						ppb
Sulfur	34-1						ppb
Terbium	159-1				100		%
Terbium	159-2				97		%
Thallium	203-1						ppb
Thallium	205-1						ppb
Tin	118-1						ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P8
Client Sample ID :	TUNE033	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 09:09:32	DataFile Name :	001SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1						ppb
Uranium	238-1						ppb
Vanadium	51-2						ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				95		%
Zinc	66-2						ppb
Zirconium	90-1						ppb
Zirconium	91-1						ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 09:46:28	DataFile Name :	005CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.04	-0.04	0.08	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	-0.01	0.01	0.00	0.00	N/A	ppb
Barium	135-1	0.01	-0.02	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	-0.09	0.05	0.04	0.00	N/A	ppb
Boron	11-1	-0.01	0.05	-0.05	0.00	N/A	ppb
Bromine	81-1						cps
Cadmium	111-1	0.01	0.02	-0.03	0.00	N/A	ppb
Cadmium	106-1	0.77	0.59	-1.35	0.00	N/A	ppb
Cadmium	108-1	-0.07	-0.14	0.21	0.00	N/A	ppb
Calcium	43-1	-0.85	-0.19	1.04	0.00	N/A	ppb
Calcium	44-1	0.36	-0.10	-0.26	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	0.03	-0.01	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.02	-0.01	0.00	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	54-2	-0.13	0.66	-0.53	0.00	N/A	ppb
Iron	56-2	-0.02	0.05	-0.03	0.00	N/A	ppb
Iron	57-2	-0.72	0.95	-0.22	0.00	N/A	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 09:46:28	DataFile Name :	005CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.01	-0.02	0.01	0.00	N/A	ppb
Lead	207-1	0.00	-0.01	0.00	0.00	N/A	ppb
Lead	208-1	0.01	-0.01	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.23	0.01	0.22	0.00	N/A	ppb
Manganese	55-2	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	94-1	-0.01	0.01	0.01	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	-0.02	0.01	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	-0.02	-0.01	0.00	N/A	ppb
Phosphorus	31-2	-1.93	10.31	-12.81	-1.48		ppb
Potassium	39-2	-1.33	-0.37	1.70	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	-0.02	-0.04	0.06	0.00	N/A	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.15	0.31	-0.45	0.00	N/A	ppb
Silicon	28-1	-0.66	-0.34	1.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	-0.64	0.71	-0.07	0.00	N/A	ppb
Strontium	86-1	0.02	-0.03	0.01	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-28.33	164.79	95.11	77.19	126.70	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.01	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.01	-0.02	0.00	0.00	N/A	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 09:46:28	DataFile Name :	005CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.03	0.00	0.03	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.06	-0.08	0.02	0.00	N/A	ppb
Zirconium	90-1	0.05	-0.10	0.05	0.00	N/A	ppb
Zirconium	91-1	0.26	-0.33	0.08	0.00	N/A	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 09:49:33	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24.98	24.20	23.07	24.08	4.00	ppb
Antimony	121-1	2.23	2.19	2.19	2.20	1.25	ppb
Arsenic	75-2	1.01	1.09	1.07	1.06	3.90	ppb
Barium	135-1	10.98	11.02	11.37	11.12	1.93	ppb
Barium	137-1	10.72	10.74	10.96	10.81	1.25	ppb
Beryllium	9-1	1.09	1.08	1.15	1.11	3.56	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Boron	10-1	21.13	22.30	25.09	22.84	8.91	ppb
Boron	11-1	23.16	25.41	28.33	25.63	10.11	ppb
Bromine	81-1						cps
Cadmium	111-1	1.11	1.29	1.18	1.19	7.50	ppb
Cadmium	106-1	-0.14	2.67	-0.72	0.60	302.57	ppb
Cadmium	108-1	1.13	1.39	1.07	1.20	14.13	ppb
Calcium	43-1	537.91	535.48	551.32	541.57	1.58	ppb
Calcium	44-1	536.64	529.28	547.45	537.79	1.70	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.16	2.15	2.07	2.13	2.19	ppb
Cobalt	59-2	1.06	1.09	1.05	1.07	1.91	ppb
Copper	63-2	2.00	1.92	1.95	1.96	2.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	54-2	58.79	58.60	55.36	57.59	3.35	ppb
Iron	56-2	59.02	57.51	57.19	57.91	1.68	ppb
Iron	57-2	58.82	57.35	56.53	57.57	2.02	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 09:49:33	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.99	0.98	0.98	0.98	0.95	ppb
Lead	207-1	1.01	0.98	0.98	0.99	1.86	ppb
Lead	208-1	1.00	0.99	1.01	1.00	0.78	ppb
Lithium	6-1				100		%
Magnesium	24-2	581.60	568.35	570.71	573.55	1.23	ppb
Manganese	55-2	1.18	1.09	0.98	1.08	9.25	ppb
Molybdenum	94-1	5.34	5.56	5.64	5.52	2.79	ppb
Molybdenum	95-1	5.72	5.38	5.68	5.59	3.37	ppb
Molybdenum	96-1	5.40	5.37	5.69	5.49	3.22	ppb
Molybdenum	97-1	5.35	5.26	5.28	5.30	0.81	ppb
Molybdenum	98-1	5.27	5.19	5.53	5.33	3.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.00	1.08	1.09	1.05	4.92	ppb
Phosphorus	31-2	8.64	4.26	-8.47	1.48	602.22	ppb
Potassium	39-2	541.69	525.79	527.80	531.76	1.63	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	82-1	5.17	5.60	5.48	5.41	4.11	ppb
Selenium	77-2	2.53	2.59	6.43	3.85	58.02	ppb
Selenium	78-2	4.97	4.71	4.84	4.84	2.70	ppb
Silicon	28-1	13.07	14.14	15.28	14.16	7.78	ppb
Silver	107-1	1.05	1.11	1.05	1.07	3.29	ppb
Silver	109-1	1.03	1.04	1.05	1.04	0.81	ppb
Sodium	23-2	592.98	573.35	583.00	583.11	1.68	ppb
Strontium	86-1	1.14	1.11	1.09	1.11	2.52	ppb
Strontium	88-1	1.21	1.13	1.16	1.17	3.25	ppb
Sulfur	34-1	-94.58	-246.34	109.35	-77.19		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	1.03	0.98	1.03	1.01	3.04	ppb
Thallium	205-1	1.00	0.99	1.00	0.99	0.67	ppb
Tin	118-1	5.41	5.28	5.49	5.39	1.98	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 09:49:33	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5.49	5.18	5.45	5.38	3.20	ppb
Uranium	238-1	0.99	0.97	1.02	0.99	2.65	ppb
Vanadium	51-2	5.19	5.10	5.08	5.12	1.14	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	2.62	2.20	2.43	2.42	8.64	ppb
Zirconium	90-1	10.23	9.72	10.32	10.09	3.20	ppb
Zirconium	91-1	10.38	9.78	11.46	10.54	8.05	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 09:52:37	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1130.00	1137.44	1109.88	1125.78	1.27	ppb
Antimony	121-1	52.15	51.66	53.77	52.52	2.10	ppb
Arsenic	75-2	49.49	50.84	49.43	49.92	1.59	ppb
Barium	135-1	252.84	262.48	271.75	262.36	3.61	ppb
Barium	137-1	259.73	262.19	273.07	265.00	2.68	ppb
Beryllium	9-1	53.72	52.72	53.76	53.40	1.10	ppb
Bismuth	209-1				102		%
Bismuth	209-2				99		%
Boron	10-1	46.06	47.40	50.52	47.99	4.77	ppb
Boron	11-1	52.16	54.93	57.43	54.84	4.81	ppb
Bromine	81-1						cps
Cadmium	111-1	51.28	52.05	54.06	52.46	2.73	ppb
Cadmium	106-1	49.05	48.78	53.16	50.33	4.88	ppb
Cadmium	108-1	52.68	52.80	54.41	53.30	1.81	ppb
Calcium	43-1	5627.55	5447.77	5593.44	5556.25	1.72	ppb
Calcium	44-1	5178.09	5146.95	5181.56	5168.87	0.37	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	50.77	51.03	50.37	50.72	0.65	ppb
Cobalt	59-2	51.56	52.34	52.18	52.03	0.79	ppb
Copper	63-2	530.79	522.02	535.10	529.30	1.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	54-2	2803.84	2814.87	2821.80	2813.50	0.32	ppb
Iron	56-2	2746.00	2736.61	2709.94	2730.85	0.69	ppb
Iron	57-2	2788.67	2794.96	2761.71	2781.78	0.63	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 09:52:37	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	259.18	245.40	255.63	253.40	2.82	ppb
Lead	207-1	253.17	245.80	248.62	249.20	1.49	ppb
Lead	208-1	252.84	244.50	251.19	249.51	1.77	ppb
Lithium	6-1				101		%
Magnesium	24-2	5536.58	5619.52	5555.38	5570.49	0.78	ppb
Manganese	55-2	514.25	511.06	513.21	512.84	0.32	ppb
Molybdenum	94-1	262.71	262.19	261.09	262.00	0.32	ppb
Molybdenum	95-1	258.59	259.30	257.02	258.30	0.45	ppb
Molybdenum	96-1	250.11	251.71	249.64	250.49	0.43	ppb
Molybdenum	97-1	262.05	261.33	259.43	260.93	0.52	ppb
Molybdenum	98-1	247.26	249.32	251.04	249.21	0.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	62.07	60.87	60.80	61.25	1.16	ppb
Phosphorus	31-2	1045.74	950.67	992.72	996.38	4.78	ppb
Potassium	39-2	2694.27	2698.49	2689.98	2694.25	0.16	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				103		%
Scandium	45-2				99		%
Selenium	82-1	51.56	52.30	51.87	51.91	0.72	ppb
Selenium	77-2	50.77	35.23	64.48	50.16	29.17	ppb
Selenium	78-2	53.00	51.06	53.17	52.41	2.23	ppb
Silicon	28-1	71.85	74.24	78.70	74.93	4.64	ppb
Silver	107-1	53.17	54.49	55.13	54.26	1.84	ppb
Silver	109-1	52.48	53.98	54.51	53.66	1.96	ppb
Sodium	23-2	5435.51	5334.21	5352.42	5374.05	1.00	ppb
Strontium	86-1	504.52	505.37	509.82	506.57	0.56	ppb
Strontium	88-1	503.64	499.13	501.93	501.57	0.45	ppb
Sulfur	34-1	1140.17	837.29	909.91	962.46	16.43	ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	50.03	48.09	50.19	49.44	2.36	ppb
Thallium	205-1	51.12	50.01	51.42	50.85	1.46	ppb
Tin	118-1	51.97	50.98	53.67	52.21	2.61	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 09:52:37	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	269.46	261.16	264.71	265.11	1.57	ppb
Uranium	238-1	49.66	49.39	49.09	49.38	0.57	ppb
Vanadium	51-2	50.41	50.26	50.74	50.47	0.49	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				100		%
Zinc	66-2	535.28	537.39	538.25	536.97	0.28	ppb
Zirconium	90-1	517.21	515.63	528.67	520.50	1.37	ppb
Zirconium	91-1	508.53	510.71	511.60	510.28	0.31	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 09:55:42	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2835.40	2853.67	2812.87	2833.98	0.72	ppb
Antimony	121-1	133.91	135.61	132.88	134.13	1.03	ppb
Arsenic	75-2	123.65	123.97	121.96	123.19	0.88	ppb
Barium	135-1	657.63	678.14	654.40	663.39	1.94	ppb
Barium	137-1	646.82	660.37	633.97	647.06	2.04	ppb
Beryllium	9-1	135.44	134.49	134.77	134.90	0.36	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	10-1	116.41	119.64	127.23	121.09	4.59	ppb
Boron	11-1	129.51	138.49	142.84	136.95	4.96	ppb
Bromine	81-1						cps
Cadmium	111-1	131.66	136.80	132.25	133.57	2.11	ppb
Cadmium	106-1	127.95	135.90	128.95	130.93	3.31	ppb
Cadmium	108-1	132.35	132.44	130.16	131.65	0.98	ppb
Calcium	43-1	14273.51	14331.88	14219.26	14274.89	0.39	ppb
Calcium	44-1	12874.63	13210.25	13142.33	13075.73	1.36	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	127.84	128.65	127.27	127.92	0.54	ppb
Cobalt	59-2	129.22	131.74	130.78	130.58	0.97	ppb
Copper	63-2	1284.69	1298.16	1277.09	1286.65	0.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	54-2	6973.42	7015.29	6997.56	6995.43	0.30	ppb
Iron	56-2	6841.29	6845.09	6751.78	6812.72	0.78	ppb
Iron	57-2	6890.16	6992.69	6851.48	6911.44	1.06	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 09:55:42	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	608.67	632.55	624.87	622.03	1.96	ppb
Lead	207-1	614.51	643.48	642.59	633.52	2.60	ppb
Lead	208-1	611.40	634.18	634.81	626.80	2.13	ppb
Lithium	6-1				101		%
Magnesium	24-2	13686.96	13756.92	13218.63	13554.17	2.16	ppb
Manganese	55-2	1271.48	1269.43	1253.80	1264.91	0.76	ppb
Molybdenum	94-1	651.82	659.89	646.58	652.76	1.03	ppb
Molybdenum	95-1	651.95	650.73	651.92	651.53	0.11	ppb
Molybdenum	96-1	656.47	644.70	637.38	646.18	1.49	ppb
Molybdenum	97-1	654.55	649.70	634.10	646.12	1.65	ppb
Molybdenum	98-1	637.00	649.72	641.00	642.57	1.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	128.75	129.22	128.96	128.98	0.18	ppb
Phosphorus	31-2	2473.45	2549.95	2442.89	2488.76	2.22	ppb
Potassium	39-2	6677.07	6784.04	6696.54	6719.22	0.85	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	82-1	134.50	132.47	132.77	133.25	0.82	ppb
Selenium	77-2	124.55	118.24	120.77	121.19	2.62	ppb
Selenium	78-2	128.27	131.20	124.40	127.96	2.66	ppb
Silicon	28-1	125.35	128.66	130.93	128.31	2.18	ppb
Silver	107-1	131.33	132.69	138.32	134.11	2.76	ppb
Silver	109-1	133.91	132.98	130.34	132.41	1.40	ppb
Sodium	23-2	13139.00	13506.93	13114.95	13253.62	1.66	ppb
Strontium	86-1	1269.95	1288.08	1263.76	1273.93	0.99	ppb
Strontium	88-1	1275.92	1255.34	1261.47	1264.24	0.84	ppb
Sulfur	34-1	3408.62	3137.11	3075.77	3207.16	5.52	ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	119.84	124.76	128.21	124.27	3.39	ppb
Thallium	205-1	121.63	122.03	126.87	123.51	2.36	ppb
Tin	118-1	133.33	134.19	132.08	133.20	0.80	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 09:55:42	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	673.32	687.87	679.09	680.09	1.08	ppb
Uranium	238-1	122.78	122.54	124.26	123.19	0.75	ppb
Vanadium	51-2	126.05	126.84	126.31	126.40	0.32	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				102		%
Zinc	66-2	1341.57	1329.87	1312.54	1327.99	1.10	ppb
Zirconium	90-1	1319.24	1294.52	1289.74	1301.16	1.22	ppb
Zirconium	91-1	1336.91	1327.39	1320.60	1328.30	0.62	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 09:58:45	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5649.82	5712.40	5453.83	5605.35	2.41	ppb
Antimony	121-1	251.29	237.43	252.42	247.05	3.38	ppb
Arsenic	75-2	249.28	253.27	245.35	249.30	1.59	ppb
Barium	135-1	1229.18	1176.42	1280.45	1228.68	4.23	ppb
Barium	137-1	1211.54	1184.58	1265.60	1220.57	3.38	ppb
Beryllium	9-1	267.50	259.92	271.27	266.23	2.17	ppb
Bismuth	209-1				105		%
Bismuth	209-2				99		%
Boron	10-1	236.14	250.13	256.77	247.68	4.25	ppb
Boron	11-1	269.10	272.93	288.39	276.81	3.69	ppb
Bromine	81-1						cps
Cadmium	111-1	260.54	244.62	258.03	254.39	3.36	ppb
Cadmium	106-1	246.61	234.41	247.20	242.74	2.98	ppb
Cadmium	108-1	250.43	245.49	262.00	252.64	3.35	ppb
Calcium	43-1	27827.99	26563.53	27717.35	27369.62	2.56	ppb
Calcium	44-1	25504.12	24571.04	25123.14	25066.10	1.87	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	254.19	257.74	248.32	253.41	1.88	ppb
Cobalt	59-2	259.15	262.67	251.58	257.80	2.20	ppb
Copper	63-2	2566.23	2575.80	2463.78	2535.27	2.45	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				105		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	54-2	13733.86	14074.87	13377.40	13728.71	2.54	ppb
Iron	56-2	13776.30	13708.01	13349.79	13611.37	1.68	ppb
Iron	57-2	13903.68	14086.09	13451.52	13813.76	2.37	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 09:58:45	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1206.09	1207.03	1183.80	1198.97	1.10	ppb
Lead	207-1	1235.19	1173.01	1200.02	1202.74	2.59	ppb
Lead	208-1	1221.66	1177.35	1199.01	1199.34	1.85	ppb
Lithium	6-1				99		%
Magnesium	24-2	26709.77	27215.08	25684.31	26536.39	2.94	ppb
Manganese	55-2	2511.83	2555.03	2423.45	2496.77	2.69	ppb
Molybdenum	94-1	1284.29	1208.85	1231.43	1241.53	3.12	ppb
Molybdenum	95-1	1271.62	1203.53	1231.87	1235.68	2.77	ppb
Molybdenum	96-1	1242.57	1215.77	1227.32	1228.55	1.09	ppb
Molybdenum	97-1	1231.43	1216.88	1236.20	1228.17	0.82	ppb
Molybdenum	98-1	1247.86	1227.03	1232.56	1235.82	0.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	252.37	257.62	249.28	253.09	1.67	ppb
Phosphorus	31-2	4974.42	5174.49	4689.82	4946.25	4.92	ppb
Potassium	39-2	13076.66	12977.79	12516.85	12857.10	2.32	ppb
Rhodium	103-1				102		%
Rhodium	103-2				98		%
Scandium	45-1				104		%
Scandium	45-2				100		%
Selenium	82-1	256.64	245.01	254.28	251.98	2.44	ppb
Selenium	77-2	253.23	286.07	217.61	252.30	13.57	ppb
Selenium	78-2	246.14	255.62	243.48	248.41	2.57	ppb
Silicon	28-1	262.72	255.97	273.82	264.17	3.41	ppb
Silver	107-1	251.59	247.66	257.94	252.40	2.05	ppb
Silver	109-1	252.92	242.18	252.47	249.19	2.44	ppb
Sodium	23-2	26457.65	27133.57	25292.08	26294.43	3.54	ppb
Strontium	86-1	2445.91	2422.94	2437.06	2435.30	0.48	ppb
Strontium	88-1	2433.96	2377.40	2407.50	2406.29	1.18	ppb
Sulfur	34-1	6549.74	5708.91	6033.47	6097.38	6.95	ppb
Terbium	159-1				107		%
Terbium	159-2				102		%
Thallium	203-1	239.38	243.59	236.24	239.74	1.54	ppb
Thallium	205-1	240.30	242.59	235.27	239.39	1.56	ppb
Tin	118-1	254.89	233.05	251.38	246.44	4.76	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 09:58:45	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1265.78	1219.38	1230.39	1238.52	1.96	ppb
Uranium	238-1	241.03	232.11	237.98	237.04	1.91	ppb
Vanadium	51-2	252.94	255.60	247.27	251.94	1.69	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				100		%
Zinc	66-2	2641.52	2689.55	2552.17	2627.75	2.65	ppb
Zirconium	90-1	2550.71	2417.00	2424.45	2464.05	3.05	ppb
Zirconium	91-1	2570.81	2495.19	2570.23	2545.41	1.71	ppb

LB Number : LB116249 Operator : Jaswal
 Lab Sample ID : S06 Instrumnet Name : P8
 Client Sample ID : S06 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-10 10:01:51 DataFile Name : 010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10786.53	10985.37	11010.19	10927.37	1.12	ppb
Antimony	121-1	525.99	506.13	513.44	515.19	1.95	ppb
Arsenic	75-2	471.32	476.02	483.19	476.85	1.25	ppb
Barium	135-1	2598.44	2441.94	2587.67	2542.68	3.44	ppb
Barium	137-1	2520.14	2456.14	2614.53	2530.27	3.15	ppb
Beryllium	9-1	510.02	523.53	520.91	518.15	1.38	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Boron	10-1	480.79	511.40	522.04	504.74	4.24	ppb
Boron	11-1	473.52	512.41	536.56	507.50	6.27	ppb
Bromine	81-1						cps
Cadmium	111-1	538.89	495.46	523.10	519.15	4.23	ppb
Cadmium	106-1	520.07	501.39	514.96	512.14	1.88	ppb
Cadmium	108-1	524.44	504.33	519.23	516.00	2.02	ppb
Calcium	43-1	53896.68	55233.30	56342.31	55157.43	2.22	ppb
Calcium	44-1	51499.78	51948.57	53291.00	52246.45	1.78	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	478.84	485.88	495.81	486.84	1.75	ppb
Cobalt	59-2	483.51	488.52	488.80	486.94	0.61	ppb
Copper	63-2	4804.19	5019.55	4927.95	4917.23	2.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				105		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	54-2	26298.75	27000.74	26686.47	26661.98	1.32	ppb
Iron	56-2	25927.30	26605.31	26581.58	26371.39	1.46	ppb
Iron	57-2	25775.02	26435.78	26714.01	26308.27	1.83	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 10:01:51	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2525.49	2494.86	2588.47	2536.27	1.88	ppb
Lead	207-1	2527.00	2505.93	2556.98	2529.97	1.01	ppb
Lead	208-1	2535.40	2505.60	2575.84	2538.95	1.39	ppb
Lithium	6-1				96		%
Magnesium	24-2	51614.17	52564.36	52154.27	52110.93	0.91	ppb
Manganese	55-2	4704.09	4863.51	4866.90	4811.50	1.93	ppb
Molybdenum	94-1	2586.50	2492.00	2612.46	2563.65	2.47	ppb
Molybdenum	95-1	2632.33	2485.13	2529.71	2549.05	2.96	ppb
Molybdenum	96-1	2639.99	2496.24	2545.33	2560.52	2.85	ppb
Molybdenum	97-1	2631.26	2490.70	2513.73	2545.23	2.96	ppb
Molybdenum	98-1	2619.33	2478.96	2501.54	2533.28	2.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	483.70	493.37	495.03	490.70	1.25	ppb
Phosphorus	31-2	9733.58	9855.94	9711.80	9767.11	0.80	ppb
Potassium	39-2	24605.05	24749.56	25395.96	24916.86	1.69	ppb
Rhodium	103-1				99		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				104		%
Selenium	82-1	530.06	514.15	511.90	518.70	1.91	ppb
Selenium	77-2	464.15	472.56	486.80	474.50	2.41	ppb
Selenium	78-2	477.66	486.40	487.12	483.73	1.09	ppb
Silicon	28-1	532.09	562.87	592.23	562.40	5.35	ppb
Silver	107-1	519.05	499.97	523.88	514.30	2.46	ppb
Silver	109-1	530.61	499.06	525.23	518.30	3.26	ppb
Sodium	23-2	50338.22	51607.15	52663.24	51536.20	2.26	ppb
Strontium	86-1	5190.86	5049.21	5090.59	5110.22	1.43	ppb
Strontium	88-1	5272.32	5019.23	5001.49	5097.68	2.97	ppb
Sulfur	34-1	9089.70	9458.55	9623.37	9390.54	2.91	ppb
Terbium	159-1				105		%
Terbium	159-2				106		%
Thallium	203-1	499.59	507.09	517.86	508.18	1.81	ppb
Thallium	205-1	499.21	504.05	514.51	505.93	1.54	ppb
Tin	118-1	519.42	505.64	513.31	512.79	1.35	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 10:01:51	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2455.50	2481.21	2521.66	2486.12	1.34	ppb
Uranium	238-1	498.39	504.90	504.23	502.50	0.71	ppb
Vanadium	51-2	484.16	498.11	496.16	492.81	1.53	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				106		%
Zinc	66-2	4897.67	5010.48	4904.85	4937.66	1.28	ppb
Zirconium	90-1	5081.03	5043.35	5081.37	5068.58	0.43	ppb
Zirconium	91-1	5146.22	4895.52	5070.05	5037.26	2.55	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 10:04:53	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22625.11	22099.35	21482.41	22068.96	2.59	ppb
Antimony	121-1	986.41	972.82	1016.40	991.88	2.25	ppb
Arsenic	75-2	1028.73	999.00	1008.22	1011.98	1.50	ppb
Barium	135-1	4968.52	4862.89	5104.29	4978.57	2.43	ppb
Barium	137-1	4953.92	4889.63	5122.59	4988.71	2.41	ppb
Beryllium	9-1	977.33	974.97	1004.07	985.46	1.64	ppb
Bismuth	209-1				99		%
Bismuth	209-2				93		%
Boron	10-1	940.88	992.01	1063.67	998.85	6.17	ppb
Boron	11-1	931.26	963.80	1068.33	987.80	7.25	ppb
Bromine	81-1						cps
Cadmium	111-1	993.41	956.63	1014.36	988.13	2.96	ppb
Cadmium	106-1	994.91	945.39	1044.67	994.99	4.99	ppb
Cadmium	108-1	992.35	955.35	1023.33	990.34	3.44	ppb
Calcium	43-1	106976.01	103440.38	104120.62	104845.67	1.79	ppb
Calcium	44-1	102005.87	100199.33	102162.29	101455.83	1.08	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	989.92	1021.18	1004.87	1005.32	1.56	ppb
Cobalt	59-2	1020.34	1000.41	990.59	1003.78	1.51	ppb
Copper	63-2	10036.49	9994.90	10048.18	10026.52	0.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				101		%
Indium	115-1				103		%
Indium	115-2				96		%
Iron	54-2	54043.08	54358.18	55175.30	54525.52	1.07	ppb
Iron	56-2	55162.51	55840.51	54660.74	55221.26	1.07	ppb
Iron	57-2	54479.48	55250.44	54977.24	54902.39	0.71	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 10:04:53	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4980.35	4926.92	5077.20	4994.82	1.53	ppb
Lead	207-1	5068.02	4902.79	5016.61	4995.80	1.69	ppb
Lead	208-1	5012.93	4899.62	5066.42	4992.99	1.71	ppb
Lithium	6-1				99		%
Magnesium	24-2	108265.87	107836.50	107754.31	107952.23	0.25	ppb
Manganese	55-2	10212.00	10084.16	9981.50	10092.55	1.14	ppb
Molybdenum	94-1	4818.41	5001.31	5078.95	4966.22	2.69	ppb
Molybdenum	95-1	4889.59	4989.74	5046.63	4975.32	1.60	ppb
Molybdenum	96-1	4877.94	4992.22	5047.13	4972.43	1.74	ppb
Molybdenum	97-1	4865.63	5029.02	5044.31	4979.66	1.99	ppb
Molybdenum	98-1	4914.39	4994.26	5045.60	4984.75	1.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1009.40	1003.31	995.75	1002.82	0.68	ppb
Phosphorus	31-2	20509.26	19729.53	20155.63	20131.47	1.94	ppb
Potassium	39-2	52302.81	50631.75	50721.13	51218.56	1.84	ppb
Rhodium	103-1				100		%
Rhodium	103-2				95		%
Scandium	45-1				105		%
Scandium	45-2				101		%
Selenium	82-1	964.05	989.70	1013.33	989.03	2.49	ppb
Selenium	77-2	1060.74	968.77	1008.43	1012.65	4.56	ppb
Selenium	78-2	1030.12	990.01	1004.00	1008.04	2.02	ppb
Silicon	28-1	955.57	940.49	994.61	963.56	2.90	ppb
Silver	107-1	988.60	962.95	1021.15	990.90	2.94	ppb
Silver	109-1	995.41	959.56	1014.86	989.94	2.83	ppb
Sodium	23-2	110764.61	107364.04	107898.26	108675.64	1.68	ppb
Strontium	86-1	9805.48	9839.58	10228.18	9957.74	2.36	ppb
Strontium	88-1	9792.41	9946.52	10179.26	9972.73	1.95	ppb
Sulfur	34-1	19985.85	19625.40	20220.35	19943.87	1.50	ppb
Terbium	159-1				106		%
Terbium	159-2				100		%
Thallium	203-1	1002.69	1006.25	986.84	998.59	1.03	ppb
Thallium	205-1	1002.23	996.74	1000.53	999.83	0.28	ppb
Tin	118-1	992.19	985.14	1002.74	993.36	0.89	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 10:04:53	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5030.71	4902.73	5073.06	5002.17	1.77	ppb
Uranium	238-1	995.66	989.52	1021.55	1002.24	1.70	ppb
Vanadium	51-2	998.73	1012.74	997.26	1002.91	0.85	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				101		%
Zinc	66-2	9945.51	9880.64	10136.75	9987.63	1.33	ppb
Zirconium	90-1	9776.50	9946.93	10178.39	9967.27	2.02	ppb
Zirconium	91-1	9773.65	9915.83	10189.66	9959.71	2.12	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 10:07:59	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99277.04	101531.70	97552.06	99453.60	2.01	ppb
Antimony	121-1	0.67	0.70	0.75	0.71	5.79	ppb
Arsenic	75-2	0.27	0.27	0.25	0.26	4.79	ppb
Barium	135-1	2.25	2.16	1.98	2.13	6.50	ppb
Barium	137-1	2.25	2.26	2.15	2.22	2.75	ppb
Beryllium	9-1	0.13	0.10	0.09	0.11	18.87	ppb
Bismuth	209-1				87		%
Bismuth	209-2				88		%
Boron	10-1	112.41	102.71	97.12	104.08	7.43	ppb
Boron	11-1	126.81	117.64	107.20	117.22	8.37	ppb
Bromine	81-1						cps
Cadmium	111-1	0.14	0.13	0.12	0.13	9.12	ppb
Cadmium	106-1	-7.10	-5.71	-6.64	-6.48		ppb
Cadmium	108-1	0.41	0.56	0.23	0.40	41.46	ppb
Calcium	43-1	495131.32	500806.76	499101.91	498346.67	0.58	ppb
Calcium	44-1	493224.89	503770.14	501399.26	499464.76	1.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.71	1.74	1.74	1.73	1.12	ppb
Cobalt	59-2	2.29	2.22	2.15	2.22	3.11	ppb
Copper	63-2	1.87	1.80	1.71	1.79	4.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				103		%
Indium	115-1				94		%
Indium	115-2				97		%
Iron	54-2	247758.45	253428.15	245349.86	248845.49	1.67	ppb
Iron	56-2	248357.33	250335.26	247547.40	248746.66	0.58	ppb
Iron	57-2	250344.83	250274.13	245792.00	248803.65	1.05	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 10:07:59	DataFile Name :	012CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2.57	2.45	2.50	2.51	2.42	ppb
Lead	207-1	2.62	2.54	2.56	2.58	1.66	ppb
Lead	208-1	2.56	2.51	2.57	2.55	1.38	ppb
Lithium	6-1				90		%
Magnesium	24-2	499168.87	501388.67	493710.99	498089.51	0.79	ppb
Manganese	55-2	7.19	7.21	6.95	7.12	2.02	ppb
Molybdenum	94-1	1.55	1.52	1.34	1.47	8.01	ppb
Molybdenum	95-1	1.56	1.53	1.36	1.48	7.05	ppb
Molybdenum	96-1	2.00	2.04	1.78	1.94	7.22	ppb
Molybdenum	97-1	1.35	1.39	1.28	1.34	4.32	ppb
Molybdenum	98-1	1.43	1.32	1.23	1.33	7.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.35	2.38	2.28	2.34	2.23	ppb
Phosphorus	31-2	12.18	2.89	3.71	6.26	82.10	ppb
Potassium	39-2	250484.36	249944.48	248770.19	249733.01	0.35	ppb
Rhodium	103-1				88		%
Rhodium	103-2				91		%
Scandium	45-1				99		%
Scandium	45-2				102		%
Selenium	82-1	0.26	0.36	0.20	0.27	30.71	ppb
Selenium	77-2	0.00	0.00	0.60	0.20	173.21	ppb
Selenium	78-2	0.79	1.19	0.90	0.96	21.68	ppb
Silicon	28-1	93.41	105.52	105.68	101.54	6.93	ppb
Silver	107-1	0.34	0.33	0.29	0.32	7.52	ppb
Silver	109-1	0.33	0.33	0.33	0.33	1.04	ppb
Sodium	23-2	497987.33	511370.06	484714.20	498023.87	2.68	ppb
Strontium	86-1	4.43	4.31	4.35	4.36	1.34	ppb
Strontium	88-1	4.33	4.39	4.16	4.29	2.84	ppb
Sulfur	34-1	-2203.64	-1896.96	-1730.08	-1943.56		ppb
Terbium	159-1				100		%
Terbium	159-2				102		%
Thallium	203-1	0.22	0.15	0.16	0.18	21.57	ppb
Thallium	205-1	0.19	0.17	0.16	0.17	10.12	ppb
Tin	118-1	0.22	0.20	0.21	0.21	5.82	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 10:07:59	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.97	1.96	1.75	1.89	6.45	ppb
Uranium	238-1	0.15	0.14	0.12	0.14	8.44	ppb
Vanadium	51-2	0.16	0.16	0.16	0.16	1.50	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				105		%
Zinc	66-2	10.83	10.72	10.54	10.70	1.34	ppb
Zirconium	90-1	2.76	2.65	2.49	2.63	5.20	ppb
Zirconium	91-1	3.59	3.14	2.47	3.07	18.50	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	ICV033	Instrumnet Name :	P8
Client Sample ID :	ICV033	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 10:34:45	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	526.89	554.53	562.79	548.07	3.43	ppb
Antimony	121-1	195.01	188.22	201.20	194.81	3.33	ppb
Arsenic	75-2	191.84	197.58	204.36	197.92	3.17	ppb
Barium	135-1	100.07	99.24	106.11	101.81	3.69	ppb
Barium	137-1	102.26	102.31	106.59	103.72	2.40	ppb
Beryllium	9-1	102.16	102.97	105.77	103.63	1.83	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Boron	10-1	6.31	5.84	6.46	6.20	5.25	ppb
Boron	11-1	6.96	7.05	7.04	7.02	0.67	ppb
Bromine	81-1						cps
Cadmium	111-1	100.46	101.32	105.96	102.58	2.88	ppb
Cadmium	106-1	76.19	75.41	81.92	77.84	4.57	ppb
Cadmium	108-1	88.46	86.89	89.69	88.35	1.59	ppb
Calcium	43-1	1978.50	1982.45	2033.81	1998.25	1.54	ppb
Calcium	44-1	1976.43	1979.48	2037.83	1997.91	1.73	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	97.04	98.99	101.56	99.20	2.28	ppb
Cobalt	59-2	98.69	102.23	105.66	102.19	3.41	ppb
Copper	63-2	97.62	100.90	104.31	100.94	3.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	54-2	2112.82	2197.78	2294.09	2201.56	4.12	ppb
Iron	56-2	2030.68	2112.07	2208.69	2117.15	4.21	ppb
Iron	57-2	2040.94	2115.73	2214.48	2123.72	4.10	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	ICV033	Instrumnet Name :	P8
Client Sample ID :	ICV033	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 10:34:45	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	191.41	197.07	202.47	196.98	2.81	ppb
Lead	207-1	184.81	189.66	193.10	189.19	2.20	ppb
Lead	208-1	191.22	193.66	195.52	193.46	1.12	ppb
Lithium	6-1				102		%
Magnesium	24-2	1212.33	1283.02	1331.85	1275.73	4.71	ppb
Manganese	55-2	95.08	99.72	100.86	98.55	3.10	ppb
Molybdenum	94-1	0.10	0.09	0.10	0.10	2.36	ppb
Molybdenum	95-1	0.06	0.03	0.02	0.04	49.91	ppb
Molybdenum	96-1	0.12	0.10	0.10	0.11	10.50	ppb
Molybdenum	97-1	0.02	0.03	0.04	0.03	29.39	ppb
Molybdenum	98-1	0.04	0.04	0.04	0.04	6.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	99.80	100.89	104.93	101.87	2.66	ppb
Phosphorus	31-2	9.51	7.71	9.26	8.83	11.08	ppb
Potassium	39-2	1960.08	2022.50	2051.31	2011.30	2.32	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	82-1	202.22	211.76	209.97	207.98	2.44	ppb
Selenium	77-2	214.04	207.65	216.64	212.77	2.18	ppb
Selenium	78-2	208.86	213.72	209.04	210.54	1.31	ppb
Silicon	28-1	3.89	5.42	6.43	5.25	24.39	ppb
Silver	107-1	49.99	49.47	52.93	50.80	3.67	ppb
Silver	109-1	50.36	49.01	52.52	50.63	3.50	ppb
Sodium	23-2	2122.20	2214.07	2255.29	2197.19	3.10	ppb
Strontium	86-1	0.23	0.23	0.27	0.24	8.75	ppb
Strontium	88-1	0.26	0.28	0.29	0.27	6.04	ppb
Sulfur	34-1	-550.39	-747.49	-440.54	-579.48		ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	201.23	209.59	213.34	208.05	2.98	ppb
Thallium	205-1	201.73	205.35	211.12	206.07	2.30	ppb
Tin	118-1	0.05	0.05	0.09	0.07	33.95	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	ICV033	Instrumnet Name :	P8
Client Sample ID :	ICV033	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 10:34:45	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.11	0.10	0.12	0.11	10.44	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	5.77	ppb
Vanadium	51-2	94.49	97.23	98.66	96.79	2.19	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				99		%
Zinc	66-2	200.27	205.52	212.58	206.13	3.00	ppb
Zirconium	90-1	0.15	0.27	0.13	0.18	40.30	ppb
Zirconium	91-1	0.72	1.19	1.38	1.10	31.21	ppb

LB Number : LB116249 Operator : Jaswal
 Lab Sample ID : ICB033 Instrumnet Name : P8
 Client Sample ID : ICB033 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-10 10:45:37 DataFile Name : 014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.03	-0.11	0.03	-0.02		ppb
Antimony	121-1	0.03	0.03	0.03	0.03	10.81	ppb
Arsenic	75-2	-0.01	-0.01	-0.01	-0.01		ppb
Barium	135-1	0.04	0.00	0.02	0.02	89.30	ppb
Barium	137-1	0.01	0.02	0.02	0.01	47.09	ppb
Beryllium	9-1	0.01	0.01	0.00	0.01	26.74	ppb
Bismuth	209-1				96		%
Bismuth	209-2				100		%
Boron	10-1	5.30	4.33	4.46	4.70	11.10	ppb
Boron	11-1	5.66	5.00	4.67	5.11	9.88	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.08	-0.09	-0.04	-0.07		ppb
Cadmium	106-1	-5.75	-8.54	-4.33	-6.20		ppb
Cadmium	108-1	0.15	-0.09	-0.09	-0.01		ppb
Calcium	43-1	0.02	-1.20	-1.18	-0.79		ppb
Calcium	44-1	1.17	-3.34	-3.29	-1.82		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.03	0.01	0.01	65.21	ppb
Cobalt	59-2	0.00	0.00	0.01	0.00	113.36	ppb
Copper	63-2	0.04	0.04	0.05	0.04	13.53	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				96		%
Holmium	165-2				101		%
Indium	115-1				96		%
Indium	115-2				100		%
Iron	54-2	-0.37	0.04	-0.27	-0.20		ppb
Iron	56-2	-0.28	-0.23	-0.24	-0.25		ppb
Iron	57-2	-0.23	-0.11	-0.31	-0.22		ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	ICB033	Instrumnet Name :	P8
Client Sample ID :	ICB033	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 10:45:37	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.01	0.04	0.01	0.02	71.71	ppb
Lead	207-1	0.02	0.03	0.02	0.02	20.70	ppb
Lead	208-1	0.04	0.04	0.03	0.03	20.79	ppb
Lithium	6-1				95		%
Magnesium	24-2	-0.30	0.40	-0.39	-0.10		ppb
Manganese	55-2	-0.01	-0.01	-0.02	-0.01		ppb
Molybdenum	94-1	-0.01	-0.03	0.02	0.00		ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	40.81	ppb
Molybdenum	96-1	0.00	0.00	0.02	0.01	139.12	ppb
Molybdenum	97-1	0.01	-0.01	0.01	0.00	195.91	ppb
Molybdenum	98-1	0.01	0.01	0.01	0.01	36.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	0.01	-0.01	-0.01		ppb
Phosphorus	31-2	-0.32	3.84	-5.12	-0.53		ppb
Potassium	39-2	-1.51	1.23	8.13	2.62	189.72	ppb
Rhodium	103-1				94		%
Rhodium	103-2				100		%
Scandium	45-1				98		%
Scandium	45-2				100		%
Selenium	82-1	-0.07	0.20	-0.08	0.02	951.62	ppb
Selenium	77-2	0.00	0.00	0.64	0.21	173.21	ppb
Selenium	78-2	-0.20	0.62	0.16	0.20	209.33	ppb
Silicon	28-1	6.33	1.21	-0.85	2.23	165.75	ppb
Silver	107-1	0.01	0.00	0.00	0.01	43.96	ppb
Silver	109-1	0.01	0.01	0.01	0.01	31.04	ppb
Sodium	23-2	0.30	2.23	0.05	0.86	138.71	ppb
Strontium	86-1	0.05	0.01	-0.01	0.02	186.98	ppb
Strontium	88-1	0.00	-0.01	0.00	0.00		ppb
Sulfur	34-1	886.66	-390.33	-492.82	1.17	65599.70	ppb
Terbium	159-1				96		%
Terbium	159-2				101		%
Thallium	203-1	0.00	0.01	0.01	0.01	64.35	ppb
Thallium	205-1	0.02	0.01	0.01	0.01	54.80	ppb
Tin	118-1	0.01	0.01	0.00	0.01	44.65	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	ICB033	Instrumnet Name :	P8
Client Sample ID :	ICB033	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 10:45:37	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.03	-0.02	-0.04	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	296.38	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				95		%
Yttrium	89-2				101		%
Zinc	66-2	-0.01	-0.05	0.10	0.01	522.25	ppb
Zirconium	90-1	-0.04	-0.04	0.04	-0.01		ppb
Zirconium	91-1	0.01	0.14	0.27	0.14	91.86	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	ICSA033	Instrumnet Name :	P8
Client Sample ID :	ICSA033	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 10:48:51	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	97690.61	97621.01	100540.28	98617.30	1.69	ppb
Antimony	121-1	1.06	1.13	1.15	1.11	3.93	ppb
Arsenic	75-2	0.26	0.33	0.33	0.31	12.98	ppb
Barium	135-1	1.41	1.30	1.39	1.37	4.07	ppb
Barium	137-1	1.38	1.37	1.54	1.43	6.51	ppb
Beryllium	9-1	0.26	0.31	0.27	0.28	7.96	ppb
Bismuth	209-1				97		%
Bismuth	209-2				92		%
Boron	10-1	4.38	4.22	4.11	4.23	3.20	ppb
Boron	11-1	5.06	4.90	4.63	4.86	4.47	ppb
Bromine	81-1						cps
Cadmium	111-1	0.41	0.41	0.35	0.39	8.74	ppb
Cadmium	106-1	-10.46	-8.99	-9.33	-9.59		ppb
Cadmium	108-1	15.29	15.24	14.56	15.03	2.72	ppb
Calcium	43-1	96745.73	96042.78	94474.18	95754.23	1.21	ppb
Calcium	44-1	94173.32	95692.40	94757.53	94874.42	0.81	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.57	19.20	19.56	19.44	1.06	ppb
Cobalt	59-2	1.13	1.15	1.13	1.14	0.92	ppb
Copper	63-2	7.32	7.51	7.36	7.40	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				103		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				96		%
Iron	54-2	100645.45	100608.51	103623.17	101625.71	1.70	ppb
Iron	56-2	103978.12	101522.85	103782.69	103094.56	1.32	ppb
Iron	57-2	101420.17	101725.15	103811.98	102319.10	1.27	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	ICSA033	Instrumnet Name :	P8
Client Sample ID :	ICSA033	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 10:48:51	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4.75	4.70	4.68	4.71	0.70	ppb
Lead	207-1	4.19	4.32	4.34	4.28	1.82	ppb
Lead	208-1	4.38	4.44	4.45	4.42	0.91	ppb
Lithium	6-1				96		%
Magnesium	24-2	97215.77	98274.41	100126.68	98538.95	1.50	ppb
Manganese	55-2	7.39	7.52	7.27	7.39	1.70	ppb
Molybdenum	94-1	1321.31	1326.51	1335.92	1327.91	0.56	ppb
Molybdenum	95-1	1919.96	1927.26	1904.80	1917.34	0.60	ppb
Molybdenum	96-1	1857.63	1829.81	1839.22	1842.22	0.77	ppb
Molybdenum	97-1	1904.25	1847.76	1900.92	1884.31	1.68	ppb
Molybdenum	98-1	1914.52	1855.76	1890.62	1886.97	1.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.95	5.01	5.36	5.11	4.29	ppb
Phosphorus	31-2	93864.81	93198.63	94489.46	93850.97	0.69	ppb
Potassium	39-2	94050.71	95504.63	98003.77	95853.04	2.09	ppb
Rhodium	103-1				94		%
Rhodium	103-2				94		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	82-1	0.54	0.75	0.16	0.48	62.63	ppb
Selenium	77-2	0.00	0.00	0.65	0.22	173.21	ppb
Selenium	78-2	0.13	-0.02	0.84	0.32	145.09	ppb
Silicon	28-1	26.90	26.47	25.43	26.27	2.87	ppb
Silver	107-1	0.04	0.03	0.04	0.04	15.06	ppb
Silver	109-1	0.05	0.04	0.03	0.04	27.07	ppb
Sodium	23-2	100725.69	101209.03	103987.25	101973.99	1.73	ppb
Strontium	86-1	34.60	34.84	35.38	34.94	1.15	ppb
Strontium	88-1	34.86	34.87	35.11	34.95	0.40	ppb
Sulfur	34-1	105799.76	105084.06	101573.01	104152.28	2.17	ppb
Terbium	159-1				104		%
Terbium	159-2				99		%
Thallium	203-1	0.03	0.03	0.05	0.04	28.91	ppb
Thallium	205-1	0.03	0.04	0.05	0.04	19.29	ppb
Tin	118-1	0.13	0.17	0.14	0.15	15.94	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	ICSA033	Instrumnet Name :	P8
Client Sample ID :	ICSA033	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 10:48:51	DataFile Name :	015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1989.62	1951.42	1913.59	1951.54	1.95	ppb
Uranium	238-1	0.02	0.01	0.01	0.01	20.69	ppb
Vanadium	51-2	0.16	0.13	0.13	0.14	11.77	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	11.64	11.97	12.02	11.88	1.71	ppb
Zirconium	90-1	0.06	0.21	0.19	0.16	52.91	ppb
Zirconium	91-1	0.24	0.44	0.62	0.43	44.77	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	ICSAB033	Instrumnet Name :	P8
Client Sample ID :	ICSAB033	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 10:51:46	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99584.26	99366.62	100796.26	99915.71	0.77	ppb
Antimony	121-1	21.12	21.16	21.43	21.24	0.80	ppb
Arsenic	75-2	20.11	19.84	20.18	20.04	0.90	ppb
Barium	135-1	21.86	21.44	22.11	21.81	1.56	ppb
Barium	137-1	22.16	22.36	21.89	22.14	1.07	ppb
Beryllium	9-1	20.76	21.15	21.09	21.00	1.00	ppb
Bismuth	209-1				98		%
Bismuth	209-2				94		%
Boron	10-1	59.34	62.51	66.00	62.62	5.32	ppb
Boron	11-1	66.91	71.50	74.51	70.97	5.40	ppb
Bromine	81-1						cps
Cadmium	111-1	19.72	19.76	19.53	19.67	0.61	ppb
Cadmium	106-1	11.82	13.36	16.97	14.05	18.82	ppb
Cadmium	108-1	36.93	34.28	33.56	34.92	5.08	ppb
Calcium	43-1	97734.71	97817.01	97146.77	97566.16	0.37	ppb
Calcium	44-1	96997.98	96975.68	97061.93	97011.87	0.05	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	38.66	39.04	39.34	39.01	0.88	ppb
Cobalt	59-2	21.10	20.92	21.24	21.09	0.78	ppb
Copper	63-2	26.74	26.60	27.08	26.81	0.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	54-2	102839.59	101879.19	102678.89	102465.89	0.50	ppb
Iron	56-2	105658.87	105638.90	103983.66	105093.81	0.91	ppb
Iron	57-2	101718.42	102247.50	105955.18	103307.03	2.23	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	ICSAB033	Instrumnet Name :	P8
Client Sample ID :	ICSAB033	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 10:51:46	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	24.58	24.42	24.84	24.61	0.86	ppb
Lead	207-1	24.13	23.37	23.76	23.76	1.60	ppb
Lead	208-1	23.95	23.62	23.97	23.85	0.82	ppb
Lithium	6-1				98		%
Magnesium	24-2	99555.12	98146.76	98662.67	98788.18	0.72	ppb
Manganese	55-2	26.55	26.67	26.67	26.63	0.25	ppb
Molybdenum	94-1	1459.55	1442.49	1461.62	1454.55	0.72	ppb
Molybdenum	95-1	1967.96	1947.60	1980.47	1965.34	0.84	ppb
Molybdenum	96-1	1864.24	1880.96	1931.91	1892.37	1.86	ppb
Molybdenum	97-1	1928.39	1915.79	1966.96	1937.04	1.38	ppb
Molybdenum	98-1	1945.83	1929.17	1954.87	1943.29	0.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.08	24.47	24.07	24.21	0.95	ppb
Phosphorus	31-2	95666.33	95511.43	94717.23	95298.33	0.53	ppb
Potassium	39-2	97423.89	96737.99	98020.12	97394.00	0.66	ppb
Rhodium	103-1				97		%
Rhodium	103-2				95		%
Scandium	45-1				104		%
Scandium	45-2				102		%
Selenium	82-1	20.54	20.31	20.09	20.31	1.09	ppb
Selenium	77-2	16.46	22.04	24.25	20.92	19.20	ppb
Selenium	78-2	18.94	20.63	19.39	19.65	4.45	ppb
Silicon	28-1	27.62	29.40	27.14	28.05	4.24	ppb
Silver	107-1	19.15	19.39	19.41	19.32	0.76	ppb
Silver	109-1	19.14	19.21	19.08	19.14	0.35	ppb
Sodium	23-2	103316.89	102362.78	104786.54	103488.73	1.18	ppb
Strontium	86-1	95.53	96.39	97.53	96.48	1.04	ppb
Strontium	88-1	92.43	91.94	92.26	92.21	0.27	ppb
Sulfur	34-1	105426.72	105381.44	105798.13	105535.43	0.22	ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	20.01	19.88	20.17	20.02	0.73	ppb
Thallium	205-1	20.09	19.97	20.47	20.18	1.29	ppb
Tin	118-1	56.25	57.02	56.54	56.60	0.68	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	ICSAB033	Instrumnet Name :	P8
Client Sample ID :	ICSAB033	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 10:51:46	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1956.92	1981.42	1978.85	1972.40	0.68	ppb
Uranium	238-1	59.39	58.18	58.80	58.79	1.03	ppb
Vanadium	51-2	19.57	19.27	19.75	19.53	1.24	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				101		%
Zinc	66-2	31.32	30.93	31.43	31.23	0.83	ppb
Zirconium	90-1	590.65	584.15	583.64	586.15	0.67	ppb
Zirconium	91-1	583.41	572.69	581.98	579.36	1.00	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	CCV024	Instrumnet Name :	P8
Client Sample ID :	CCV024	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 10:59:09	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51047.83	50035.92	53894.24	51659.33	3.87	ppb
Antimony	121-1	511.92	487.37	505.25	501.51	2.53	ppb
Arsenic	75-2	503.13	492.22	515.83	503.73	2.35	ppb
Barium	135-1	2583.94	2494.18	2593.58	2557.23	2.14	ppb
Barium	137-1	2583.66	2536.09	2518.76	2546.17	1.32	ppb
Beryllium	9-1	529.30	510.62	523.89	521.27	1.84	ppb
Bismuth	209-1				92		%
Bismuth	209-2				91		%
Boron	10-1	479.95	488.35	523.53	497.28	4.65	ppb
Boron	11-1	496.93	504.37	518.00	506.43	2.11	ppb
Bromine	81-1						cps
Cadmium	111-1	522.56	515.55	514.50	517.54	0.85	ppb
Cadmium	106-1	506.83	508.47	500.29	505.19	0.86	ppb
Cadmium	108-1	520.04	499.89	515.65	511.86	2.07	ppb
Calcium	43-1	256022.04	251294.89	259540.85	255619.26	1.62	ppb
Calcium	44-1	253125.71	245067.87	255195.98	251129.85	2.13	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	476.25	477.19	502.67	485.37	3.09	ppb
Cobalt	59-2	475.37	469.95	495.61	480.31	2.82	ppb
Copper	63-2	4947.97	4882.34	5118.54	4982.95	2.45	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				100		%
Holmium	165-2				101		%
Indium	115-1				95		%
Indium	115-2				98		%
Iron	54-2	127643.56	126861.34	133507.47	129337.46	2.81	ppb
Iron	56-2	128111.87	128304.19	136007.83	130807.96	3.44	ppb
Iron	57-2	129759.02	125834.72	131955.70	129183.15	2.40	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	CCV024	Instrumnet Name :	P8
Client Sample ID :	CCV024	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 10:59:09	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2636.81	2543.89	2586.62	2589.11	1.80	ppb
Lead	207-1	2614.03	2559.44	2568.15	2580.54	1.14	ppb
Lead	208-1	2595.01	2544.06	2548.91	2562.66	1.10	ppb
Lithium	6-1				95		%
Magnesium	24-2	252834.49	245037.82	267550.09	255140.80	4.48	ppb
Manganese	55-2	5083.80	4964.67	5263.26	5103.91	2.94	ppb
Molybdenum	94-1	2573.35	2520.49	2599.21	2564.35	1.56	ppb
Molybdenum	95-1	2569.15	2527.04	2545.96	2547.38	0.83	ppb
Molybdenum	96-1	2598.15	2515.06	2495.87	2536.36	2.14	ppb
Molybdenum	97-1	2562.36	2487.17	2521.22	2523.59	1.49	ppb
Molybdenum	98-1	2588.78	2523.81	2485.27	2532.62	2.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	472.76	457.13	485.82	471.91	3.04	ppb
Phosphorus	31-2	9734.59	9384.78	9857.04	9658.81	2.54	ppb
Potassium	39-2	123948.22	122308.01	132105.64	126120.62	4.16	ppb
Rhodium	103-1				93		%
Rhodium	103-2				94		%
Scandium	45-1				102		%
Scandium	45-2				103		%
Selenium	82-1	518.28	504.96	508.38	510.54	1.36	ppb
Selenium	77-2	500.85	510.52	508.28	506.55	1.00	ppb
Selenium	78-2	501.27	497.92	517.38	505.52	2.06	ppb
Silicon	28-1	546.84	557.28	582.80	562.31	3.29	ppb
Silver	107-1	526.20	509.97	508.98	515.05	1.88	ppb
Silver	109-1	518.30	508.38	519.22	515.30	1.17	ppb
Sodium	23-2	252532.84	249813.18	261830.95	254725.66	2.47	ppb
Strontium	86-1	5271.09	5043.27	4984.28	5099.55	2.97	ppb
Strontium	88-1	5209.64	4976.78	4992.11	5059.51	2.57	ppb
Sulfur	34-1	9035.17	8720.03	9197.92	8984.37	2.70	ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	530.79	506.93	522.14	519.95	2.32	ppb
Thallium	205-1	517.23	505.92	506.69	509.95	1.24	ppb
Tin	118-1	510.12	492.91	503.58	502.20	1.73	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	CCV024	Instrumnet Name :	P8
Client Sample ID :	CCV024	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 10:59:09	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2546.45	2491.85	2534.49	2524.27	1.14	ppb
Uranium	238-1	526.24	515.84	520.75	520.94	1.00	ppb
Vanadium	51-2	498.53	489.83	521.77	503.38	3.28	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				103		%
Zinc	66-2	4839.61	4840.54	5042.01	4907.39	2.38	ppb
Zirconium	90-1	5231.86	5142.26	5160.63	5178.25	0.91	ppb
Zirconium	91-1	5293.67	5103.67	5087.61	5161.65	2.22	ppb

LB Number : LB116249 Operator : Jaswal
 Lab Sample ID : CCB024 Instrumnet Name : P8
 Client Sample ID : CCB024 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-10 11:11:49 DataFile Name : 018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.35	0.29	-0.24	0.14	238.49	ppb
Antimony	121-1	0.04	0.04	0.05	0.04	11.06	ppb
Arsenic	75-2	-0.01	-0.01	0.00	-0.01		ppb
Barium	135-1	0.04	0.03	0.02	0.03	29.91	ppb
Barium	137-1	0.02	0.02	0.03	0.02	23.75	ppb
Beryllium	9-1	0.00	0.00	0.01	0.00	66.79	ppb
Bismuth	209-1				103		%
Bismuth	209-2				99		%
Boron	10-1	5.46	5.74	5.10	5.43	5.93	ppb
Boron	11-1	6.33	6.64	5.93	6.30	5.64	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.03	-0.08	-0.05	-0.05		ppb
Cadmium	106-1	-5.40	-7.43	-5.62	-6.15		ppb
Cadmium	108-1	-0.25	-0.19	-0.17	-0.20		ppb
Calcium	43-1	0.70	-1.25	-2.21	-0.92		ppb
Calcium	44-1	-0.50	-0.56	-2.17	-1.08		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	0.04	0.00	0.02	87.14	ppb
Cobalt	59-2	0.01	0.00	0.00	0.00	130.15	ppb
Copper	63-2	0.08	0.08	0.06	0.08	13.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				101		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	54-2	0.25	-0.20	-0.54	-0.16		ppb
Iron	56-2	-0.07	0.09	0.19	0.07	186.36	ppb
Iron	57-2	-0.71	0.56	-0.47	-0.20		ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	CCB024	Instrumnet Name :	P8
Client Sample ID :	CCB024	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 11:11:49	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.03	0.04	0.02	0.03	30.35	ppb
Lead	207-1	0.03	0.07	0.03	0.04	56.45	ppb
Lead	208-1	0.04	0.05	0.03	0.04	24.00	ppb
Lithium	6-1				101		%
Magnesium	24-2	-0.04	-0.34	0.53	0.05	870.87	ppb
Manganese	55-2	0.02	0.01	0.01	0.01	78.34	ppb
Molybdenum	94-1	0.05	0.04	0.08	0.06	36.19	ppb
Molybdenum	95-1	0.01	0.02	0.02	0.02	24.21	ppb
Molybdenum	96-1	0.03	0.03	0.03	0.03	7.17	ppb
Molybdenum	97-1	0.03	0.02	0.01	0.02	36.05	ppb
Molybdenum	98-1	0.04	0.03	0.02	0.03	31.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	0.00	-0.01	-0.01		ppb
Phosphorus	31-2	15.25	4.94	17.83	12.68	53.84	ppb
Potassium	39-2	7.26	8.52	5.90	7.23	18.11	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				105		%
Scandium	45-2				102		%
Selenium	82-1	0.09	0.37	0.37	0.28	57.85	ppb
Selenium	77-2	0.00	0.62	0.00	0.21	173.21	ppb
Selenium	78-2	0.31	0.38	0.16	0.29	39.02	ppb
Silicon	28-1	-0.05	-0.10	-1.86	-0.67		ppb
Silver	107-1	0.01	0.00	0.02	0.01	54.81	ppb
Silver	109-1	0.01	0.02	0.01	0.01	33.13	ppb
Sodium	23-2	10.57	9.99	6.82	9.13	22.14	ppb
Strontium	86-1	-0.02	0.02	-0.02	0.00		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	115.84	ppb
Sulfur	34-1	-689.60	-791.20	-1320.82	-933.87		ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	0.04	0.04	0.03	0.04	20.39	ppb
Thallium	205-1	0.05	0.04	0.03	0.04	29.20	ppb
Tin	118-1	0.02	-0.03	0.00	0.00		ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	CCB024	Instrumnet Name :	P8
Client Sample ID :	CCB024	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 11:11:49	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.08	0.00	-0.02	-0.03		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	188.67	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	0.14	0.10	0.02	0.09	71.59	ppb
Zirconium	90-1	0.04	0.06	0.09	0.06	41.79	ppb
Zirconium	91-1	0.12	-0.24	0.27	0.05	532.07	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	PB139027BL	Instrumnet Name :	P8
Client Sample ID :	PBW027	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 11:41:47	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.02	-0.10	0.23	0.05	334.77	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	53.22	ppb
Arsenic	75-2	0.00	-0.01	-0.01	-0.01		ppb
Barium	135-1	0.02	0.02	0.02	0.02	14.95	ppb
Barium	137-1	0.03	0.04	0.01	0.03	64.36	ppb
Beryllium	9-1	0.00	0.11	0.00	0.04	163.75	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Boron	10-1	1.33	1.48	1.46	1.43	5.57	ppb
Boron	11-1	1.32	1.56	1.50	1.46	8.45	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.07	-0.06	-0.06	-0.06		ppb
Cadmium	106-1	-7.29	-6.17	-6.12	-6.53		ppb
Cadmium	108-1	-0.25	-0.10	-0.04	-0.13		ppb
Calcium	43-1	-3.14	34.40	-1.29	9.99	211.81	ppb
Calcium	44-1	-2.26	19.55	-2.04	5.08	246.46	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	0.00	0.03	0.02	109.30	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.02	0.02	0.03	0.02	32.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				99		%
Indium	115-1				102		%
Indium	115-2				97		%
Iron	54-2	-0.12	-0.81	0.26	-0.23		ppb
Iron	56-2	-0.27	-0.17	-0.19	-0.21		ppb
Iron	57-2	-0.10	-0.10	-0.40	-0.20		ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	PB139027BL	Instrumnet Name :	P8
Client Sample ID :	PBW027	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 11:41:47	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.00	0.02	-0.01	0.00	409.46	ppb
Lead	207-1	0.01	0.03	0.00	0.01	104.22	ppb
Lead	208-1	0.01	0.02	0.01	0.01	38.80	ppb
Lithium	6-1				98		%
Magnesium	24-2	-0.18	-0.53	0.14	-0.19		ppb
Manganese	55-2	-0.01	0.00	0.02	0.00	668.01	ppb
Molybdenum	94-1	0.01	0.02	-0.01	0.01	300.33	ppb
Molybdenum	95-1	0.01	0.06	0.01	0.02	124.26	ppb
Molybdenum	96-1	0.01	0.04	-0.01	0.01	191.15	ppb
Molybdenum	97-1	0.00	0.01	0.00	0.00	906.68	ppb
Molybdenum	98-1	0.01	0.03	0.00	0.01	103.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.01	0.00	-0.01		ppb
Phosphorus	31-2	4.17	15.09	8.10	9.12	60.66	ppb
Potassium	39-2	1.06	-1.52	-3.63	-1.36		ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				103		%
Scandium	45-2				99		%
Selenium	82-1	-0.21	0.30	0.23	0.11	261.39	ppb
Selenium	77-2	0.00	1.28	0.65	0.64	99.56	ppb
Selenium	78-2	0.44	-0.23	0.29	0.16	213.58	ppb
Silicon	28-1	-1.61	-2.27	0.78	-1.03		ppb
Silver	107-1	0.00	0.00	0.00	0.00	225.37	ppb
Silver	109-1	0.00	0.00	0.00	0.00	314.16	ppb
Sodium	23-2	1.81	2.49	2.33	2.21	16.11	ppb
Strontium	86-1	0.01	0.10	-0.02	0.03	219.78	ppb
Strontium	88-1	-0.01	0.07	0.00	0.02	206.35	ppb
Sulfur	34-1	-453.75	-733.23	-240.57	-475.85		ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	-0.01	-0.02	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.02	-0.01	-0.01		ppb
Tin	118-1	0.01	0.04	0.02	0.02	78.26	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	PB139027BL	Instrumnet Name :	P8
Client Sample ID :	PBW027	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 11:41:47	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.00	0.18	0.01	0.06	163.56	ppb
Uranium	238-1	0.00	0.01	0.00	0.00	152.53	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				99		%
Zinc	66-2	0.04	-0.01	0.13	0.06	127.84	ppb
Zirconium	90-1	-0.09	-0.04	0.09	-0.01		ppb
Zirconium	91-1	0.12	0.28	-0.04	0.12	134.55	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	PB139027BS	Instrumnet Name :	P8
Client Sample ID :	LCS027	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 11:44:47	DataFile Name :	020LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	45.35	46.90	46.05	46.10	1.68	ppb
Antimony	121-1	3.80	4.15	4.19	4.05	5.25	ppb
Arsenic	75-2	1.85	2.08	1.99	1.97	5.88	ppb
Barium	135-1	19.40	21.20	21.20	20.60	5.07	ppb
Barium	137-1	19.45	21.30	21.01	20.59	4.84	ppb
Beryllium	9-1	2.00	2.10	2.08	2.06	2.45	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Boron	10-1	42.35	46.27	48.74	45.79	7.03	ppb
Boron	11-1	46.31	51.56	55.76	51.21	9.25	ppb
Bromine	81-1						cps
Cadmium	111-1	2.18	2.25	2.14	2.19	2.56	ppb
Cadmium	106-1	-2.94	-0.56	-3.86	-2.46		ppb
Cadmium	108-1	2.12	2.23	1.92	2.09	7.37	ppb
Calcium	43-1	1011.40	1023.37	1068.46	1034.41	2.91	ppb
Calcium	44-1	1005.92	1013.13	1058.81	1025.96	2.80	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.03	3.98	4.08	4.03	1.27	ppb
Cobalt	59-2	1.92	2.06	2.09	2.02	4.55	ppb
Copper	63-2	3.79	3.67	3.87	3.77	2.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	54-2	446.96	460.81	469.92	459.23	2.52	ppb
Iron	56-2	451.13	465.77	477.46	464.79	2.84	ppb
Iron	57-2	444.51	438.22	453.77	445.50	1.76	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	PB139027BS	Instrumnet Name :	P8
Client Sample ID :	LCS027	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 11:44:47	DataFile Name :	020LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.89	1.90	1.97	1.92	2.21	ppb
Lead	207-1	1.92	1.98	2.09	1.99	4.30	ppb
Lead	208-1	1.93	1.93	2.01	1.96	2.39	ppb
Lithium	6-1				100		%
Magnesium	24-2	1084.64	1077.57	1094.60	1085.60	0.79	ppb
Manganese	55-2	2.05	2.12	2.10	2.09	1.93	ppb
Molybdenum	94-1	10.39	10.29	10.95	10.54	3.36	ppb
Molybdenum	95-1	10.35	9.79	10.94	10.36	5.57	ppb
Molybdenum	96-1	10.33	10.32	10.80	10.48	2.62	ppb
Molybdenum	97-1	10.30	10.43	10.77	10.50	2.30	ppb
Molybdenum	98-1	10.21	10.46	10.96	10.54	3.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.01	2.13	1.99	2.05	3.79	ppb
Phosphorus	31-2	-9.86	-3.90	0.66	-4.37		ppb
Potassium	39-2	1007.23	1005.12	1038.02	1016.79	1.81	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	82-1	10.00	10.42	11.20	10.54	5.77	ppb
Selenium	77-2	13.05	10.13	7.22	10.13	28.75	ppb
Selenium	78-2	13.02	10.34	10.70	11.35	12.82	ppb
Silicon	28-1	22.78	24.52	26.64	24.64	7.84	ppb
Silver	107-1	1.83	2.01	2.06	1.97	6.33	ppb
Silver	109-1	1.87	2.10	2.18	2.05	7.99	ppb
Sodium	23-2	1088.63	1094.66	1128.66	1103.98	1.95	ppb
Strontium	86-1	2.20	2.25	2.29	2.24	1.95	ppb
Strontium	88-1	2.20	2.24	2.33	2.26	2.92	ppb
Sulfur	34-1	-713.31	-589.51	-152.29	-485.03		ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	1.94	1.86	1.97	1.92	2.82	ppb
Thallium	205-1	1.87	1.92	1.99	1.92	2.99	ppb
Tin	118-1	9.89	10.25	10.93	10.36	5.07	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	PB139027BS	Instrumnet Name :	P8
Client Sample ID :	LCS027	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 11:44:47	DataFile Name :	020LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	10.25	10.28	10.67	10.40	2.24	ppb
Uranium	238-1	1.84	1.85	1.98	1.89	4.10	ppb
Vanadium	51-2	9.60	9.88	10.14	9.87	2.74	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	10.10	10.24	10.73	10.36	3.23	ppb
Zirconium	90-1	19.80	19.80	21.14	20.25	3.80	ppb
Zirconium	91-1	19.54	20.02	21.00	20.19	3.68	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3623-20ARE	Instrumnet Name :	P8
Client Sample ID :	MEW1W1A	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 11:47:50	DataFile Name :	021AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	82.93	84.70	88.14	85.25	3.10	ppb
Antimony	121-1	0.02	0.03	0.04	0.03	27.69	ppb
Arsenic	75-2	0.38	0.36	0.39	0.38	4.09	ppb
Barium	135-1	193.79	199.68	214.97	202.81	5.39	ppb
Barium	137-1	197.03	203.33	208.85	203.07	2.91	ppb
Beryllium	9-1	0.02	0.01	0.01	0.02	31.50	ppb
Bismuth	209-1				94		%
Bismuth	209-2				95		%
Boron	10-1	150.41	159.84	169.87	160.04	6.08	ppb
Boron	11-1	170.61	186.75	196.90	184.75	7.18	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.05	-0.02	-0.05	-0.04		ppb
Cadmium	106-1	-6.80	-5.65	-6.45	-6.30		ppb
Cadmium	108-1	-0.25	-0.11	-0.07	-0.15		ppb
Calcium	43-1	274772.11	276314.08	288624.09	279903.43	2.71	ppb
Calcium	44-1	273914.77	278303.86	293612.61	281943.75	3.67	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.72	0.67	0.72	0.70	3.96	ppb
Cobalt	59-2	0.32	0.28	0.30	0.30	5.93	ppb
Copper	63-2	0.26	0.29	0.26	0.27	5.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				105		%
Indium	115-1				98		%
Indium	115-2				101		%
Iron	54-2	18860.86	18795.68	18650.46	18769.00	0.57	ppb
Iron	56-2	19016.58	19504.62	18838.21	19119.80	1.80	ppb
Iron	57-2	19190.04	19183.22	18991.63	19121.63	0.59	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3623-20ARE	Instrumnet Name :	P8
Client Sample ID :	MEW1W1A	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 11:47:50	DataFile Name :	021AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.15	0.15	0.17	0.16	6.95	ppb
Lead	207-1	0.19	0.15	0.16	0.17	10.45	ppb
Lead	208-1	0.17	0.17	0.16	0.17	1.99	ppb
Lithium	6-1				95		%
Magnesium	24-2	74348.16	74551.62	71711.54	73537.11	2.15	ppb
Manganese	55-2	679.05	687.57	665.06	677.23	1.68	ppb
Molybdenum	94-1	1.70	1.88	1.83	1.81	5.20	ppb
Molybdenum	95-1	0.09	0.11	0.10	0.10	8.57	ppb
Molybdenum	96-1	0.31	0.31	0.37	0.33	10.59	ppb
Molybdenum	97-1	0.07	0.09	0.07	0.08	17.44	ppb
Molybdenum	98-1	0.09	0.10	0.08	0.09	11.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.56	0.46	0.47	0.49	11.29	ppb
Phosphorus	31-2	341.00	334.48	340.03	338.50	1.04	ppb
Potassium	39-2	6362.49	6415.40	6169.53	6315.81	2.05	ppb
Rhodium	103-1				95		%
Rhodium	103-2				98		%
Scandium	45-1				103		%
Scandium	45-2				107		%
Selenium	82-1	0.86	0.67	0.62	0.72	17.32	ppb
Selenium	77-2	0.00	0.00	1.16	0.39	173.21	ppb
Selenium	78-2	0.45	0.47	-0.02	0.30	93.91	ppb
Silicon	28-1	6638.19	6808.68	7152.11	6866.33	3.81	ppb
Silver	107-1	0.47	0.55	0.50	0.51	7.29	ppb
Silver	109-1	0.48	0.49	0.55	0.50	8.20	ppb
Sodium	23-2	381343.43	381994.71	373815.85	379051.33	1.20	ppb
Strontium	86-1	393.78	394.87	412.03	400.23	2.56	ppb
Strontium	88-1	370.81	376.89	392.52	380.07	2.95	ppb
Sulfur	34-1	264225.35	273678.85	286760.47	274888.23	4.12	ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	0.01	-0.01	0.00	0.00	257.59	ppb
Thallium	205-1	0.01	0.00	0.00	0.00		ppb
Tin	118-1	0.05	0.07	0.07	0.06	18.88	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3623-20ARE	Instrumnet Name :	P8
Client Sample ID :	MEW1W1A	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 11:47:50	DataFile Name :	021AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2.14	2.07	2.16	2.13	2.21	ppb
Uranium	238-1	0.06	0.06	0.06	0.06	2.91	ppb
Vanadium	51-2	0.80	0.72	0.75	0.76	5.54	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				106		%
Zinc	66-2	5.35	5.23	5.13	5.24	2.12	ppb
Zirconium	90-1	11.22	11.68	11.50	11.47	2.04	ppb
Zirconium	91-1	10.83	11.98	11.16	11.32	5.23	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3652-20ARE	Instrumnet Name :	P8
Client Sample ID :	MEW1Y6A	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 11:50:45	DataFile Name :	022AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37.54	38.15	39.73	38.47	2.93	ppb
Antimony	121-1	0.07	0.09	0.09	0.08	12.16	ppb
Arsenic	75-2	2.36	2.44	2.42	2.41	1.78	ppb
Barium	135-1	91.79	95.79	93.47	93.68	2.15	ppb
Barium	137-1	92.07	97.10	95.40	94.86	2.69	ppb
Beryllium	9-1	0.04	0.04	0.04	0.04	1.88	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Boron	10-1	107.27	110.39	114.84	110.83	3.43	ppb
Boron	11-1	124.12	124.01	135.02	127.72	4.95	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.07	-0.06	-0.04	-0.06		ppb
Cadmium	106-1	-7.29	-5.67	-4.67	-5.88		ppb
Cadmium	108-1	-0.18	-0.12	-0.16	-0.15		ppb
Calcium	43-1	148712.58	159636.66	152224.38	153524.54	3.63	ppb
Calcium	44-1	150565.18	155274.75	151020.24	152286.72	1.71	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.84	0.87	0.76	0.82	6.64	ppb
Cobalt	59-2	0.20	0.23	0.18	0.20	11.70	ppb
Copper	63-2	0.14	0.13	0.14	0.14	6.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				109		%
Indium	115-1				110		%
Indium	115-2				107		%
Iron	54-2	11550.59	11636.08	11712.78	11633.15	0.70	ppb
Iron	56-2	11522.44	11840.58	12031.31	11798.11	2.18	ppb
Iron	57-2	11709.20	11873.41	12262.80	11948.47	2.38	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3652-20ARE	Instrumnet Name :	P8
Client Sample ID :	MEW1Y6A	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 11:50:45	DataFile Name :	022AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.09	0.08	0.08	0.08	5.26	ppb
Lead	207-1	0.09	0.06	0.08	0.08	16.47	ppb
Lead	208-1	0.09	0.08	0.09	0.09	7.23	ppb
Lithium	6-1				105		%
Magnesium	24-2	26609.50	27426.60	28697.87	27577.99	3.82	ppb
Manganese	55-2	732.34	744.47	747.52	741.44	1.08	ppb
Molybdenum	94-1	1.88	2.14	2.08	2.03	6.64	ppb
Molybdenum	95-1	0.71	0.75	0.76	0.74	3.79	ppb
Molybdenum	96-1	0.97	0.84	0.90	0.90	6.97	ppb
Molybdenum	97-1	0.72	0.74	0.69	0.72	3.19	ppb
Molybdenum	98-1	0.67	0.71	0.73	0.70	4.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.64	0.58	0.60	0.61	4.83	ppb
Phosphorus	31-2	154.53	149.30	161.07	154.97	3.81	ppb
Potassium	39-2	9049.02	8585.74	8640.10	8758.29	2.89	ppb
Rhodium	103-1				106		%
Rhodium	103-2				105		%
Scandium	45-1				114		%
Scandium	45-2				110		%
Selenium	82-1	0.84	0.71	0.80	0.78	8.28	ppb
Selenium	77-2	0.00	0.00	0.59	0.20	173.21	ppb
Selenium	78-2	0.15	0.64	0.65	0.48	59.32	ppb
Silicon	28-1	6263.31	6532.19	6446.78	6414.09	2.14	ppb
Silver	107-1	0.47	0.51	0.55	0.51	7.03	ppb
Silver	109-1	0.50	0.52	0.50	0.51	2.62	ppb
Sodium	23-2	38807.37	40312.01	41005.53	40041.64	2.81	ppb
Strontium	86-1	382.04	399.36	388.95	390.12	2.24	ppb
Strontium	88-1	377.08	383.41	385.25	381.91	1.12	ppb
Sulfur	34-1	29979.56	31960.35	30484.71	30808.20	3.34	ppb
Terbium	159-1				109		%
Terbium	159-2				108		%
Thallium	203-1	0.00	-0.02	0.00	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	-0.02	-0.06	-0.07	-0.05		ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3652-20ARE	Instrumnet Name :	P8
Client Sample ID :	MEW1Y6A	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 11:50:45	DataFile Name :	022AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.74	1.90	1.73	1.79	5.29	ppb
Uranium	238-1	0.28	0.29	0.28	0.28	2.05	ppb
Vanadium	51-2	1.47	1.45	1.56	1.49	4.03	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				110		%
Zinc	66-2	3.10	2.91	2.86	2.96	4.15	ppb
Zirconium	90-1	9.24	9.78	9.71	9.58	3.09	ppb
Zirconium	91-1	9.48	10.16	9.51	9.72	3.99	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3652-10	Instrumnet Name :	P8
Client Sample ID :	EW1X3	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 11:53:41	DataFile Name :	023AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.54	9.88	11.38	12.60	27.75	ppb
Antimony	121-1	0.02	0.03	0.02	0.03	21.65	ppb
Arsenic	75-2	1.28	1.33	1.30	1.30	1.72	ppb
Barium	135-1	222.06	228.76	218.77	223.20	2.28	ppb
Barium	137-1	224.30	233.21	224.96	227.49	2.18	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	22.60	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Boron	10-1	117.92	116.35	126.34	120.20	4.47	ppb
Boron	11-1	136.44	135.15	143.88	138.49	3.40	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.05	-0.06	-0.08	-0.06		ppb
Cadmium	106-1	-4.69	-6.69	-7.93	-6.44		ppb
Cadmium	108-1	-0.12	-0.20	-0.20	-0.17		ppb
Calcium	43-1	101263.79	97069.51	98497.93	98943.74	2.16	ppb
Calcium	44-1	98252.52	97877.61	96578.77	97569.63	0.90	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.31	0.25	0.24	0.27	13.21	ppb
Cobalt	59-2	0.11	0.11	0.11	0.11	4.37	ppb
Copper	63-2	0.12	0.11	0.13	0.12	9.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				106		%
Indium	115-1				108		%
Indium	115-2				105		%
Iron	54-2	9423.18	8986.93	8907.06	9105.72	3.05	ppb
Iron	56-2	9440.48	9102.02	8896.90	9146.47	3.00	ppb
Iron	57-2	9493.47	9039.37	9028.41	9187.08	2.89	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3652-10	Instrumnet Name :	P8
Client Sample ID :	EW1X3	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 11:53:41	DataFile Name :	023AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.06	0.06	0.07	0.06	3.81	ppb
Lead	207-1	0.07	0.08	0.07	0.07	9.49	ppb
Lead	208-1	0.08	0.09	0.08	0.08	7.34	ppb
Lithium	6-1				104		%
Magnesium	24-2	28665.78	26687.72	27982.94	27778.81	3.62	ppb
Manganese	55-2	356.01	345.90	340.24	347.38	2.30	ppb
Molybdenum	94-1	0.36	0.33	0.39	0.36	8.61	ppb
Molybdenum	95-1	0.03	0.03	0.03	0.03	5.40	ppb
Molybdenum	96-1	0.10	0.10	0.08	0.09	15.56	ppb
Molybdenum	97-1	0.02	0.03	0.02	0.02	25.22	ppb
Molybdenum	98-1	0.03	0.03	0.02	0.03	16.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.33	0.25	0.26	0.28	16.23	ppb
Phosphorus	31-2	247.28	225.60	234.98	235.95	4.61	ppb
Potassium	39-2	4261.56	4029.04	4104.15	4131.59	2.87	ppb
Rhodium	103-1				106		%
Rhodium	103-2				103		%
Scandium	45-1				111		%
Scandium	45-2				108		%
Selenium	82-1	0.55	0.38	0.53	0.48	19.32	ppb
Selenium	77-2	1.83	0.00	0.00	0.61	173.21	ppb
Selenium	78-2	0.46	0.05	0.43	0.31	72.89	ppb
Silicon	28-1	9203.73	8926.13	9237.24	9122.37	1.87	ppb
Silver	107-1	0.01	0.01	0.00	0.01	37.42	ppb
Silver	109-1	0.01	0.02	0.00	0.01	66.79	ppb
Sodium	23-2	21155.40	19711.10	20519.63	20462.05	3.54	ppb
Strontium	86-1	142.58	135.90	140.49	139.66	2.45	ppb
Strontium	88-1	138.73	133.94	134.52	135.73	1.93	ppb
Sulfur	34-1	-873.88	-1143.22	-1086.04	-1034.38		ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	-0.01	-0.02	-0.02	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	-0.01	-0.03	-0.05	-0.03		ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3652-10	Instrumnet Name :	P8
Client Sample ID :	EW1X3	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 11:53:41	DataFile Name :	023AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.52	1.26	1.26	1.35	11.25	ppb
Uranium	238-1	0.01	0.00	0.00	0.00	58.13	ppb
Vanadium	51-2	0.20	0.17	0.23	0.20	13.85	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				107		%
Zinc	66-2	3.12	3.28	3.43	3.28	4.83	ppb
Zirconium	90-1	2.24	2.23	2.27	2.24	0.90	ppb
Zirconium	91-1	2.05	2.22	2.36	2.21	7.03	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3652-14	Instrumnet Name :	P8
Client Sample ID :	EW1Y4	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 11:56:34	DataFile Name :	024AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	177.43	179.21	174.85	177.16	1.24	ppb
Antimony	121-1	0.05	0.03	0.04	0.04	15.86	ppb
Arsenic	75-2	11.07	11.45	11.60	11.37	2.44	ppb
Barium	135-1	429.53	434.67	458.23	440.81	3.47	ppb
Barium	137-1	436.27	427.64	449.81	437.90	2.55	ppb
Beryllium	9-1	0.03	0.02	0.02	0.02	16.01	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Boron	10-1	96.63	99.55	106.74	100.97	5.15	ppb
Boron	11-1	110.00	116.67	122.65	116.44	5.43	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.02	0.00	-0.03	-0.02		ppb
Cadmium	106-1	-7.43	-6.04	-6.01	-6.49		ppb
Cadmium	108-1	0.00	-0.24	0.06	-0.06		ppb
Calcium	43-1	94914.63	97510.23	100325.16	97583.34	2.77	ppb
Calcium	44-1	94417.61	94866.92	99350.25	96211.59	2.83	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.73	0.76	0.74	0.74	2.15	ppb
Cobalt	59-2	0.28	0.29	0.26	0.28	6.45	ppb
Copper	63-2	0.47	0.50	0.47	0.48	2.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				105		%
Indium	115-1				104		%
Indium	115-2				104		%
Iron	54-2	29246.52	29465.69	29577.61	29429.94	0.57	ppb
Iron	56-2	29264.18	30318.67	29710.44	29764.43	1.78	ppb
Iron	57-2	29482.38	30587.31	29639.00	29902.90	2.00	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3652-14	Instrumnet Name :	P8
Client Sample ID :	EW1Y4	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 11:56:34	DataFile Name :	024AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.33	0.29	0.30	0.31	6.06	ppb
Lead	207-1	0.28	0.30	0.29	0.29	3.09	ppb
Lead	208-1	0.31	0.28	0.32	0.30	6.02	ppb
Lithium	6-1				101		%
Magnesium	24-2	23871.12	24320.46	24541.27	24244.28	1.41	ppb
Manganese	55-2	728.79	742.30	739.06	736.72	0.96	ppb
Molybdenum	94-1	0.64	0.78	0.67	0.70	10.49	ppb
Molybdenum	95-1	0.17	0.18	0.20	0.18	8.32	ppb
Molybdenum	96-1	0.34	0.35	0.34	0.34	2.53	ppb
Molybdenum	97-1	0.18	0.19	0.19	0.19	4.21	ppb
Molybdenum	98-1	0.19	0.17	0.19	0.18	5.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.60	0.68	0.68	0.65	6.95	ppb
Phosphorus	31-2	1119.58	1233.70	1089.25	1147.51	6.64	ppb
Potassium	39-2	1578.70	1635.29	1634.90	1616.30	2.01	ppb
Rhodium	103-1				102		%
Rhodium	103-2				104		%
Scandium	45-1				107		%
Scandium	45-2				107		%
Selenium	82-1	0.37	0.18	0.48	0.34	45.37	ppb
Selenium	77-2	0.58	0.00	0.00	0.19	173.21	ppb
Selenium	78-2	0.43	0.78	1.26	0.82	50.75	ppb
Silicon	28-1	20523.58	20943.85	21622.58	21030.00	2.64	ppb
Silver	107-1	0.00	0.01	0.01	0.01	72.49	ppb
Silver	109-1	0.01	0.01	0.01	0.01	21.21	ppb
Sodium	23-2	10251.94	10364.49	10494.84	10370.43	1.17	ppb
Strontium	86-1	273.58	266.72	280.85	273.72	2.58	ppb
Strontium	88-1	256.89	254.81	268.15	259.95	2.76	ppb
Sulfur	34-1	-1504.79	-1266.67	-1019.62	-1263.69		ppb
Terbium	159-1				106		%
Terbium	159-2				106		%
Thallium	203-1	-0.01	-0.02	-0.02	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.10	0.07	0.14	0.10	32.64	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3652-14	Instrumnet Name :	P8
Client Sample ID :	EW1Y4	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 11:56:34	DataFile Name :	024AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	6.38	6.59	7.08	6.68	5.40	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	6.56	ppb
Vanadium	51-2	0.73	0.85	0.74	0.77	8.70	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				108		%
Zinc	66-2	12.20	11.57	12.48	12.09	3.86	ppb
Zirconium	90-1	3.38	3.21	3.40	3.33	3.16	ppb
Zirconium	91-1	2.95	3.19	3.59	3.25	10.01	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3652-18	Instrumnet Name :	P8
Client Sample ID :	EW1Z5	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 11:59:30	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13.56	13.70	13.38	13.55	1.19	ppb
Antimony	121-1	0.03	0.04	0.02	0.03	26.27	ppb
Arsenic	75-2	0.88	0.99	1.06	0.98	8.93	ppb
Barium	135-1	117.10	119.74	120.35	119.06	1.45	ppb
Barium	137-1	118.19	118.63	120.36	119.06	0.97	ppb
Beryllium	9-1	0.02	0.02	0.02	0.02	1.00	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Boron	10-1	105.64	114.65	125.30	115.20	8.54	ppb
Boron	11-1	121.82	132.10	142.12	132.01	7.69	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.09	-0.07	-0.08	-0.08		ppb
Cadmium	106-1	-7.66	-5.41	-8.19	-7.09		ppb
Cadmium	108-1	-0.07	0.03	-0.18	-0.07		ppb
Calcium	43-1	174216.62	177401.94	171849.18	174489.25	1.60	ppb
Calcium	44-1	172395.81	176248.20	175297.27	174647.09	1.15	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.67	0.76	0.73	0.72	6.84	ppb
Cobalt	59-2	0.19	0.21	0.21	0.20	6.90	ppb
Copper	63-2	0.12	0.12	0.07	0.10	25.61	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				108		%
Holmium	165-2				108		%
Indium	115-1				108		%
Indium	115-2				106		%
Iron	54-2	18894.54	18434.24	18661.29	18663.36	1.23	ppb
Iron	56-2	18758.48	18705.34	19153.16	18872.33	1.30	ppb
Iron	57-2	18537.09	18487.74	19100.32	18708.38	1.82	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3652-18	Instrumnet Name :	P8
Client Sample ID :	EW1Z5	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 11:59:30	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.05	0.04	0.05	0.05	9.98	ppb
Lead	207-1	0.04	0.04	0.04	0.04	3.31	ppb
Lead	208-1	0.05	0.05	0.05	0.05	5.70	ppb
Lithium	6-1				105		%
Magnesium	24-2	16445.19	16473.62	16848.12	16588.98	1.36	ppb
Manganese	55-2	1364.50	1366.15	1386.55	1372.40	0.90	ppb
Molybdenum	94-1	1.24	1.25	1.27	1.25	1.20	ppb
Molybdenum	95-1	0.18	0.17	0.18	0.18	2.29	ppb
Molybdenum	96-1	0.35	0.34	0.32	0.33	4.71	ppb
Molybdenum	97-1	0.17	0.16	0.15	0.16	5.56	ppb
Molybdenum	98-1	0.18	0.14	0.15	0.16	11.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.75	0.78	0.74	0.76	2.72	ppb
Phosphorus	31-2	132.18	71.29	100.02	101.16	30.11	ppb
Potassium	39-2	8178.12	7977.09	8069.85	8075.02	1.25	ppb
Rhodium	103-1				106		%
Rhodium	103-2				105		%
Scandium	45-1				112		%
Scandium	45-2				111		%
Selenium	82-1	0.73	0.51	0.87	0.70	26.22	ppb
Selenium	77-2	0.56	0.00	0.57	0.38	86.60	ppb
Selenium	78-2	0.32	0.26	-0.11	0.16	146.10	ppb
Silicon	28-1	8246.64	8166.86	8504.17	8305.89	2.12	ppb
Silver	107-1	0.00	-0.01	0.00	0.00		ppb
Silver	109-1	0.00	0.00	0.00	0.00	221.79	ppb
Sodium	23-2	38681.40	38121.94	38510.01	38437.78	0.75	ppb
Strontium	86-1	268.69	272.09	270.83	270.54	0.64	ppb
Strontium	88-1	260.53	258.76	257.91	259.06	0.52	ppb
Sulfur	34-1	46619.75	48836.32	50018.39	48491.49	3.56	ppb
Terbium	159-1				109		%
Terbium	159-2				108		%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.02	-0.01		ppb
Tin	118-1	-0.06	-0.03	-0.05	-0.05		ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3652-18	Instrumnet Name :	P8
Client Sample ID :	EW1Z5	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 11:59:30	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.91	1.04	0.81	0.92	12.38	ppb
Uranium	238-1	0.06	0.05	0.06	0.06	8.37	ppb
Vanadium	51-2	1.02	1.01	1.03	1.02	0.81	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				112		%
Zinc	66-2	2.27	2.35	2.70	2.44	9.39	ppb
Zirconium	90-1	7.22	7.81	7.62	7.55	3.98	ppb
Zirconium	91-1	7.71	7.05	7.19	7.32	4.78	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3652-19	Instrumnet Name :	P8
Client Sample ID :	EW1Z7	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 12:02:24	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36.44	36.78	36.20	36.47	0.79	ppb
Antimony	121-1	0.09	0.09	0.09	0.09	0.48	ppb
Arsenic	75-2	2.44	2.61	2.55	2.53	3.29	ppb
Barium	135-1	97.52	92.71	98.44	96.23	3.20	ppb
Barium	137-1	98.51	95.82	95.90	96.74	1.58	ppb
Beryllium	9-1	0.04	0.03	0.03	0.03	8.36	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Boron	10-1	118.52	118.48	117.91	118.30	0.29	ppb
Boron	11-1	133.69	136.68	138.95	136.44	1.93	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.08	-0.10	-0.11	-0.10		ppb
Cadmium	106-1	-6.82	-8.82	-8.91	-8.18		ppb
Cadmium	108-1	0.05	-0.19	-0.01	-0.05		ppb
Calcium	43-1	160623.14	160436.51	154542.37	158534.01	2.18	ppb
Calcium	44-1	159757.85	160825.34	154379.50	158320.89	2.18	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.86	0.87	0.84	0.86	1.35	ppb
Cobalt	59-2	0.22	0.22	0.23	0.22	2.61	ppb
Copper	63-2	0.15	0.10	0.15	0.13	21.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				108		%
Indium	115-1				108		%
Indium	115-2				108		%
Iron	54-2	12653.24	12250.11	11971.76	12291.70	2.79	ppb
Iron	56-2	12439.30	12350.17	12276.73	12355.40	0.66	ppb
Iron	57-2	12499.88	12173.20	12334.14	12335.74	1.32	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3652-19	Instrumnet Name :	P8
Client Sample ID :	EW1Z7	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 12:02:24	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.11	0.09	0.10	0.10	14.12	ppb
Lead	207-1	0.11	0.08	0.08	0.09	20.81	ppb
Lead	208-1	0.11	0.09	0.09	0.10	14.60	ppb
Lithium	6-1				105		%
Magnesium	24-2	29393.57	28667.70	29008.03	29023.10	1.25	ppb
Manganese	55-2	790.58	772.26	759.63	774.16	2.01	ppb
Molybdenum	94-1	1.99	2.16	2.02	2.06	4.32	ppb
Molybdenum	95-1	0.77	0.74	0.69	0.73	5.54	ppb
Molybdenum	96-1	0.94	0.94	0.87	0.92	4.02	ppb
Molybdenum	97-1	0.71	0.71	0.77	0.73	5.00	ppb
Molybdenum	98-1	0.72	0.71	0.72	0.72	1.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.65	0.63	0.62	0.63	2.63	ppb
Phosphorus	31-2	165.05	151.78	123.39	146.74	14.50	ppb
Potassium	39-2	9221.38	8893.88	8972.04	9029.10	1.89	ppb
Rhodium	103-1				106		%
Rhodium	103-2				104		%
Scandium	45-1				114		%
Scandium	45-2				111		%
Selenium	82-1	0.77	0.32	0.94	0.67	47.80	ppb
Selenium	77-2	1.19	1.77	0.00	0.99	91.48	ppb
Selenium	78-2	0.67	0.14	0.69	0.50	61.61	ppb
Silicon	28-1	6851.18	6987.26	6697.73	6845.39	2.12	ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Silver	109-1	0.00	0.00	0.00	0.00	68.69	ppb
Sodium	23-2	42381.13	41167.75	41624.87	41724.58	1.47	ppb
Strontium	86-1	399.34	409.31	399.89	402.85	1.39	ppb
Strontium	88-1	399.62	398.57	387.36	395.18	1.72	ppb
Sulfur	34-1	33498.61	33545.61	32283.37	33109.20	2.16	ppb
Terbium	159-1				111		%
Terbium	159-2				107		%
Thallium	203-1	-0.02	-0.02	-0.02	-0.02		ppb
Thallium	205-1	-0.02	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.02	0.01	0.03	0.02	37.49	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3652-19	Instrumnet Name :	P8
Client Sample ID :	EW1Z7	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 12:02:24	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.79	1.59	1.83	1.73	7.46	ppb
Uranium	238-1	0.28	0.30	0.30	0.29	3.71	ppb
Vanadium	51-2	1.58	1.50	1.59	1.56	3.32	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				109		%
Zinc	66-2	3.29	3.17	3.22	3.23	1.83	ppb
Zirconium	90-1	10.31	9.52	10.09	9.97	4.10	ppb
Zirconium	91-1	10.03	10.47	11.04	10.51	4.84	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3654-01	Instrumnet Name :	P8
Client Sample ID :	EW1Z2	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 12:14:03	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	27.22	26.91	29.03	27.72	4.15	ppb
Antimony	121-1	0.03	0.02	0.03	0.02	16.02	ppb
Arsenic	75-2	3.57	3.39	3.21	3.39	5.32	ppb
Barium	135-1	54.73	54.25	56.73	55.24	2.38	ppb
Barium	137-1	56.62	55.00	57.73	56.45	2.44	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	32.79	ppb
Bismuth	209-1				104		%
Bismuth	209-2				100		%
Boron	10-1	70.40	78.83	81.28	76.84	7.43	ppb
Boron	11-1	80.09	90.99	90.57	87.22	7.08	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.09	-0.11	-0.08	-0.09		ppb
Cadmium	106-1	-8.88	-8.47	-6.68	-8.01		ppb
Cadmium	108-1	-0.10	0.03	0.00	-0.02		ppb
Calcium	43-1	84705.31	88320.47	88636.96	87220.92	2.50	ppb
Calcium	44-1	84234.13	86901.41	86266.84	85800.79	1.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.39	0.38	0.45	0.41	8.81	ppb
Cobalt	59-2	0.32	0.32	0.32	0.32	0.96	ppb
Copper	63-2	0.09	0.11	0.10	0.10	11.05	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				106		%
Indium	115-1				105		%
Indium	115-2				101		%
Iron	54-2	6816.64	6900.69	7061.88	6926.40	1.80	ppb
Iron	56-2	6901.70	7013.25	7011.97	6975.64	0.92	ppb
Iron	57-2	6865.93	6773.93	7032.45	6890.77	1.90	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3654-01	Instrumnet Name :	P8
Client Sample ID :	EW1Z2	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 12:14:03	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.02	0.02	0.04	0.03	42.88	ppb
Lead	207-1	0.02	0.03	0.04	0.03	34.59	ppb
Lead	208-1	0.02	0.04	0.05	0.03	37.30	ppb
Lithium	6-1				102		%
Magnesium	24-2	16258.29	16246.03	16720.20	16408.17	1.65	ppb
Manganese	55-2	2850.11	2882.84	2957.16	2896.70	1.89	ppb
Molybdenum	94-1	1.89	1.87	1.92	1.89	1.19	ppb
Molybdenum	95-1	2.21	2.09	2.11	2.14	2.98	ppb
Molybdenum	96-1	2.09	2.13	2.08	2.10	1.33	ppb
Molybdenum	97-1	2.16	2.15	2.07	2.13	2.49	ppb
Molybdenum	98-1	2.13	2.10	2.16	2.13	1.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.79	0.74	0.88	0.80	8.94	ppb
Phosphorus	31-2	67.00	90.05	97.53	84.86	18.75	ppb
Potassium	39-2	6620.55	6452.27	6642.78	6571.87	1.59	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				104		%
Scandium	45-2				102		%
Selenium	82-1	0.33	0.38	0.30	0.33	11.71	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.24	0.03	0.28	0.18	72.35	ppb
Silicon	28-1	4887.21	4956.78	5155.49	4999.82	2.78	ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	26824.24	26848.89	27524.54	27065.89	1.47	ppb
Strontium	86-1	180.48	181.67	182.96	181.70	0.68	ppb
Strontium	88-1	171.91	175.10	177.44	174.81	1.59	ppb
Sulfur	34-1	9363.84	9888.16	10034.81	9762.27	3.61	ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	-0.03	-0.01	0.00	-0.01		ppb
Thallium	205-1	-0.02	-0.01	-0.01	-0.01		ppb
Tin	118-1	-0.04	-0.05	-0.04	-0.04		ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3654-01	Instrumnet Name :	P8
Client Sample ID :	EW1Z2	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 12:14:03	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.46	0.52	0.43	0.47	9.42	ppb
Uranium	238-1	0.06	0.06	0.06	0.06	7.79	ppb
Vanadium	51-2	0.27	0.29	0.29	0.28	4.73	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				103		%
Zinc	66-2	50.20	50.67	52.48	51.12	2.35	ppb
Zirconium	90-1	2.70	2.81	2.62	2.71	3.51	ppb
Zirconium	91-1	3.16	2.87	3.11	3.05	4.96	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3654-02	Instrumnet Name :	P8
Client Sample ID :	EW1Z3	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 12:16:57	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	162.94	166.39	161.69	163.68	1.49	ppb
Antimony	121-1	0.09	0.06	0.08	0.07	17.88	ppb
Arsenic	75-2	18.27	18.36	18.70	18.44	1.21	ppb
Barium	135-1	80.43	78.48	82.46	80.46	2.48	ppb
Barium	137-1	80.39	80.98	85.07	82.15	3.11	ppb
Beryllium	9-1	0.07	0.06	0.06	0.06	7.51	ppb
Bismuth	209-1				91		%
Bismuth	209-2				90		%
Boron	10-1	193.97	198.47	206.74	199.73	3.24	ppb
Boron	11-1	221.19	230.60	240.38	230.72	4.16	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.03	-0.03	0.01	-0.01		ppb
Cadmium	106-1	-3.40	-0.56	-0.73	-1.56		ppb
Cadmium	108-1	0.56	1.02	0.68	0.76	31.69	ppb
Calcium	43-1	543999.10	531594.98	547916.91	541170.33	1.57	ppb
Calcium	44-1	549518.46	534475.40	537474.94	540489.60	1.47	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.05	3.08	2.94	3.02	2.44	ppb
Cobalt	59-2	0.34	0.34	0.32	0.33	4.29	ppb
Copper	63-2	0.29	0.27	0.27	0.28	4.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				104		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	54-2	97589.70	95061.48	96416.07	96355.75	1.31	ppb
Iron	56-2	98886.59	98597.09	98592.93	98692.20	0.17	ppb
Iron	57-2	98153.14	98022.24	96426.58	97533.99	0.99	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3654-02	Instrumnet Name :	P8
Client Sample ID :	EW1Z3	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 12:16:57	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.17	0.18	0.18	0.17	4.02	ppb
Lead	207-1	0.17	0.20	0.16	0.18	12.25	ppb
Lead	208-1	0.17	0.18	0.17	0.17	3.78	ppb
Lithium	6-1				94		%
Magnesium	24-2	83211.37	84966.73	83551.79	83909.96	1.11	ppb
Manganese	55-2	1954.20	1919.99	1904.27	1926.15	1.33	ppb
Molybdenum	94-1	11.59	12.07	13.11	12.26	6.34	ppb
Molybdenum	95-1	0.36	0.39	0.40	0.39	6.22	ppb
Molybdenum	96-1	1.89	1.89	2.07	1.95	5.30	ppb
Molybdenum	97-1	0.29	0.29	0.33	0.30	7.62	ppb
Molybdenum	98-1	0.27	0.27	0.29	0.27	3.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.01	1.09	0.89	0.99	9.95	ppb
Phosphorus	31-2	608.87	610.90	538.56	586.11	7.03	ppb
Potassium	39-2	16225.92	16207.87	15831.17	16088.32	1.39	ppb
Rhodium	103-1				92		%
Rhodium	103-2				95		%
Scandium	45-1				103		%
Scandium	45-2				106		%
Selenium	82-1	0.09	0.25	0.26	0.20	46.59	ppb
Selenium	77-2	1.78	0.60	1.78	1.39	48.96	ppb
Selenium	78-2	0.56	0.49	0.05	0.37	75.65	ppb
Silicon	28-1	13879.37	13794.28	13953.76	13875.80	0.58	ppb
Silver	107-1	0.00	0.01	0.00	0.01	71.53	ppb
Silver	109-1	0.00	0.00	0.00	0.00	77.15	ppb
Sodium	23-2	877747.63	880692.80	861627.83	873356.09	1.18	ppb
Strontium	86-1	757.69	749.55	765.46	757.57	1.05	ppb
Strontium	88-1	737.19	754.69	755.79	749.22	1.39	ppb
Sulfur	34-1	882408.48	874648.97	859160.39	872072.62	1.36	ppb
Terbium	159-1				102		%
Terbium	159-2				104		%
Thallium	203-1	0.00	-0.02	-0.02	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.10	0.09	0.10	0.10	4.46	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3654-02	Instrumnet Name :	P8
Client Sample ID :	EW1Z3	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 12:16:57	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	7.87	7.80	9.19	8.29	9.47	ppb
Uranium	238-1	0.03	0.03	0.04	0.03	19.49	ppb
Vanadium	51-2	4.38	4.35	4.44	4.39	0.96	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				107		%
Zinc	66-2	4.91	4.91	4.81	4.88	1.27	ppb
Zirconium	90-1	73.68	73.67	75.36	74.24	1.31	ppb
Zirconium	91-1	74.29	73.40	74.95	74.21	1.05	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3654-03	Instrumnet Name :	P8
Client Sample ID :	EW1Z4	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 12:19:56	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	109.91	106.85	105.49	107.42	2.11	ppb
Antimony	121-1	0.08	0.05	0.05	0.06	25.44	ppb
Arsenic	75-2	2.37	2.25	2.38	2.34	3.17	ppb
Barium	135-1	103.44	85.30	83.07	90.61	12.33	ppb
Barium	137-1	102.57	86.36	86.91	91.95	10.01	ppb
Beryllium	9-1	0.07	0.05	0.06	0.06	14.12	ppb
Bismuth	209-1				84		%
Bismuth	209-2				89		%
Boron	10-1	266.93	233.53	230.05	243.50	8.36	ppb
Boron	11-1	305.03	266.62	267.77	279.81	7.81	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.01	-0.02	-0.03	-0.02		ppb
Cadmium	106-1	2.50	1.31	0.61	1.47	64.92	ppb
Cadmium	108-1	0.82	0.76	0.84	0.81	5.61	ppb
Calcium	43-1	526578.20	435621.18	416252.05	459483.81	12.82	ppb
Calcium	44-1	531060.51	437936.62	411127.99	460041.70	13.68	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.92	3.88	3.76	3.85	2.04	ppb
Cobalt	59-2	0.79	0.78	0.75	0.77	2.52	ppb
Copper	63-2	0.15	0.06	0.08	0.10	49.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				105		%
Indium	115-1				94		%
Indium	115-2				100		%
Iron	54-2	72456.83	70846.63	69587.18	70963.54	2.03	ppb
Iron	56-2	72939.22	72362.43	71395.40	72232.35	1.08	ppb
Iron	57-2	72274.39	71377.45	69330.93	70994.26	2.13	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3654-03	Instrumnet Name :	P8
Client Sample ID :	EW1Z4	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 12:19:56	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.08	0.05	0.05	0.06	27.46	ppb
Lead	207-1	0.07	0.05	0.05	0.06	20.64	ppb
Lead	208-1	0.07	0.05	0.05	0.06	22.38	ppb
Lithium	6-1				91		%
Magnesium	24-2	109460.23	105778.12	104870.20	106702.85	2.28	ppb
Manganese	55-2	1879.92	1824.19	1802.41	1835.50	2.18	ppb
Molybdenum	94-1	17.21	14.46	14.26	15.31	10.77	ppb
Molybdenum	95-1	0.33	0.22	0.22	0.25	24.41	ppb
Molybdenum	96-1	2.43	2.04	2.06	2.18	10.13	ppb
Molybdenum	97-1	0.13	0.12	0.16	0.14	16.32	ppb
Molybdenum	98-1	0.13	0.12	0.10	0.12	11.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.94	0.85	0.84	0.87	6.13	ppb
Phosphorus	31-2	1945.47	1987.64	1923.66	1952.26	1.67	ppb
Potassium	39-2	23373.35	22623.74	22519.30	22838.79	2.04	ppb
Rhodium	103-1				89		%
Rhodium	103-2				95		%
Scandium	45-1				102		%
Scandium	45-2				108		%
Selenium	82-1	0.41	0.78	0.73	0.64	31.27	ppb
Selenium	77-2	0.61	1.77	0.56	0.98	70.25	ppb
Selenium	78-2	0.88	0.35	0.88	0.70	43.32	ppb
Silicon	28-1	11485.44	9402.71	9446.66	10111.60	11.77	ppb
Silver	107-1	0.00	0.00	0.01	0.00	95.37	ppb
Silver	109-1	0.01	0.00	0.00	0.00	71.21	ppb
Sodium	23-2	1579708.67	1518303.78	1498565.88	1532192.78	2.76	ppb
Strontium	86-1	904.26	752.08	743.14	799.83	11.32	ppb
Strontium	88-1	891.31	754.29	734.95	793.51	10.74	ppb
Sulfur	34-1	1406181.51	1171026.76	1139920.03	1239042.77	11.75	ppb
Terbium	159-1				98		%
Terbium	159-2				104		%
Thallium	203-1	-0.01	-0.01	-0.02	-0.01		ppb
Thallium	205-1	0.00	-0.01	0.00	0.00		ppb
Tin	118-1	0.01	-0.02	-0.01	-0.01		ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3654-03	Instrumnet Name :	P8
Client Sample ID :	EW1Z4	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 12:19:56	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	15.60	12.48	12.98	13.69	12.26	ppb
Uranium	238-1	0.07	0.05	0.05	0.06	18.81	ppb
Vanadium	51-2	8.43	8.19	8.07	8.23	2.20	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				109		%
Zinc	66-2	3.03	2.59	2.64	2.75	8.72	ppb
Zirconium	90-1	111.13	91.27	87.75	96.72	13.03	ppb
Zirconium	91-1	105.98	88.00	87.27	93.75	11.30	ppb

LB Number : LB116249 Operator : Jaswal
 Lab Sample ID : M3654-04 Instrumnet Name : P8
 Client Sample ID : EW1W2 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-10 12:22:52 DataFile Name : 030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13.08	11.78	12.77	12.54	5.42	ppb
Antimony	121-1	0.01	0.02	0.01	0.01	40.73	ppb
Arsenic	75-2	0.95	0.98	1.01	0.98	3.09	ppb
Barium	135-1	162.97	178.69	172.80	171.49	4.63	ppb
Barium	137-1	164.60	181.16	179.08	174.95	5.16	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	30.56	ppb
Bismuth	209-1				117		%
Bismuth	209-2				111		%
Boron	10-1	148.09	155.14	155.31	152.85	2.69	ppb
Boron	11-1	173.78	185.08	186.86	181.91	3.90	ppb
Bromine	81-1						cps
Cadmium	111-1	0.00	-0.03	-0.02	-0.02		ppb
Cadmium	106-1	-1.06	-1.40	-1.29	-1.25		ppb
Cadmium	108-1	-0.25	0.07	0.01	-0.06		ppb
Calcium	43-1	113645.56	120495.63	119642.23	117927.81	3.17	ppb
Calcium	44-1	114008.18	119981.33	118054.65	117348.05	2.60	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.04	0.91	0.98	0.98	6.90	ppb
Cobalt	59-2	0.16	0.16	0.16	0.16	0.18	ppb
Copper	63-2	0.09	0.08	0.08	0.08	8.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				122		%
Holmium	165-2				119		%
Indium	115-1				124		%
Indium	115-2				116		%
Iron	54-2	10169.82	9778.78	9897.56	9948.72	2.02	ppb
Iron	56-2	10235.26	9382.59	9881.90	9833.25	4.36	ppb
Iron	57-2	10092.46	9631.70	9901.09	9875.09	2.34	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3654-04	Instrumnet Name :	P8
Client Sample ID :	EW1W2	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 12:22:52	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.02	0.00	0.04	0.02	84.79	ppb
Lead	207-1	0.03	0.03	0.03	0.03	3.44	ppb
Lead	208-1	0.04	0.03	0.03	0.04	11.08	ppb
Lithium	6-1				116		%
Magnesium	24-2	33738.80	32081.52	33060.63	32960.32	2.53	ppb
Manganese	55-2	345.51	328.54	337.97	337.34	2.52	ppb
Molybdenum	94-1	0.89	0.88	0.86	0.88	1.48	ppb
Molybdenum	95-1	0.15	0.16	0.14	0.15	6.40	ppb
Molybdenum	96-1	0.25	0.25	0.25	0.25	1.74	ppb
Molybdenum	97-1	0.14	0.13	0.13	0.13	6.03	ppb
Molybdenum	98-1	0.15	0.13	0.14	0.14	6.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.41	0.39	0.40	0.40	1.67	ppb
Phosphorus	31-2	251.54	197.63	248.57	232.58	13.03	ppb
Potassium	39-2	4582.07	4305.46	4413.37	4433.63	3.14	ppb
Rhodium	103-1				117		%
Rhodium	103-2				115		%
Scandium	45-1				127		%
Scandium	45-2				120		%
Selenium	82-1	0.55	0.39	0.04	0.32	80.67	ppb
Selenium	77-2	0.54	0.00	0.00	0.18	173.21	ppb
Selenium	78-2	0.16	0.39	0.67	0.41	62.21	ppb
Silicon	28-1	7770.24	8496.35	8174.94	8147.18	4.47	ppb
Silver	107-1	-0.01	0.00	0.00	0.00		ppb
Silver	109-1	0.00	0.00	0.00	0.00	17.86	ppb
Sodium	23-2	22414.53	21688.44	22319.81	22140.93	1.78	ppb
Strontium	86-1	195.85	198.32	199.22	197.80	0.88	ppb
Strontium	88-1	183.92	189.61	187.40	186.97	1.53	ppb
Sulfur	34-1	-40.90	698.28	602.82	420.07	95.71	ppb
Terbium	159-1				124		%
Terbium	159-2				117		%
Thallium	203-1	-0.02	-0.02	-0.02	-0.02		ppb
Thallium	205-1	-0.02	-0.02	-0.02	-0.02		ppb
Tin	118-1	0.07	0.04	0.06	0.06	27.12	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3654-04	Instrumnet Name :	P8
Client Sample ID :	EW1W2	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 12:22:52	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.50	1.62	1.50	1.54	4.63	ppb
Uranium	238-1	0.00	0.01	0.00	0.00	73.01	ppb
Vanadium	51-2	0.30	0.31	0.30	0.30	1.48	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				123		%
Yttrium	89-2				121		%
Zinc	66-2	1.23	1.15	1.19	1.19	3.42	ppb
Zirconium	90-1	4.65	4.61	4.86	4.70	2.81	ppb
Zirconium	91-1	4.79	4.95	4.28	4.67	7.44	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3654-05	Instrumnet Name :	P8
Client Sample ID :	EW1X1	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 12:25:48	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	196.90	182.98	190.00	189.96	3.66	ppb
Antimony	121-1	0.03	0.03	0.03	0.03	3.33	ppb
Arsenic	75-2	4.03	3.52	3.35	3.63	9.75	ppb
Barium	135-1	403.14	406.50	415.95	408.53	1.63	ppb
Barium	137-1	396.11	404.69	402.19	401.00	1.10	ppb
Beryllium	9-1	0.03	0.02	0.02	0.02	26.35	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Boron	10-1	78.35	80.60	87.26	82.07	5.65	ppb
Boron	11-1	91.83	91.33	96.77	93.31	3.22	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.05	-0.02	-0.01	-0.03		ppb
Cadmium	106-1	-5.92	-5.13	-2.61	-4.56		ppb
Cadmium	108-1	-0.12	-0.33	-0.33	-0.26		ppb
Calcium	43-1	96884.35	99127.55	102533.02	99514.97	2.86	ppb
Calcium	44-1	96977.00	99211.77	100087.07	98758.61	1.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.60	0.53	0.59	0.57	7.00	ppb
Cobalt	59-2	0.28	0.29	0.25	0.27	7.48	ppb
Copper	63-2	0.36	0.40	0.38	0.38	4.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				110		%
Indium	115-1				112		%
Indium	115-2				109		%
Iron	54-2	18562.09	18208.59	17789.46	18186.71	2.13	ppb
Iron	56-2	18594.77	18240.63	17860.62	18232.01	2.01	ppb
Iron	57-2	18709.26	18533.24	17822.84	18355.11	2.56	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3654-05	Instrumnet Name :	P8
Client Sample ID :	EW1X1	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 12:25:48	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.25	0.23	0.23	0.24	5.96	ppb
Lead	207-1	0.24	0.24	0.22	0.23	5.21	ppb
Lead	208-1	0.26	0.22	0.22	0.23	10.28	ppb
Lithium	6-1				109		%
Magnesium	24-2	24571.97	24162.53	24026.26	24253.59	1.17	ppb
Manganese	55-2	389.96	380.38	374.04	381.46	2.10	ppb
Molybdenum	94-1	0.66	0.71	0.66	0.68	4.82	ppb
Molybdenum	95-1	0.06	0.04	0.05	0.05	19.41	ppb
Molybdenum	96-1	0.14	0.16	0.15	0.15	7.25	ppb
Molybdenum	97-1	0.04	0.05	0.05	0.04	18.02	ppb
Molybdenum	98-1	0.05	0.03	0.05	0.04	25.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.54	0.53	0.55	0.54	1.40	ppb
Phosphorus	31-2	899.46	854.82	792.90	849.06	6.30	ppb
Potassium	39-2	2120.16	2056.91	2035.84	2070.97	2.12	ppb
Rhodium	103-1				110		%
Rhodium	103-2				109		%
Scandium	45-1				115		%
Scandium	45-2				112		%
Selenium	82-1	0.32	0.29	0.41	0.34	18.04	ppb
Selenium	77-2	0.00	0.57	0.00	0.19	173.21	ppb
Selenium	78-2	0.15	0.01	0.14	0.10	81.51	ppb
Silicon	28-1	14713.75	15232.55	15080.02	15008.77	1.78	ppb
Silver	107-1	-0.01	0.00	0.00	0.00		ppb
Silver	109-1	0.00	0.00	0.00	0.00	93.63	ppb
Sodium	23-2	18076.80	17922.63	17539.31	17846.25	1.55	ppb
Strontium	86-1	170.16	165.10	166.63	167.30	1.55	ppb
Strontium	88-1	165.57	160.68	162.93	163.06	1.50	ppb
Sulfur	34-1	-1767.73	-1611.58	-1704.93	-1694.75		ppb
Terbium	159-1				112		%
Terbium	159-2				110		%
Thallium	203-1	-0.02	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.02	-0.01		ppb
Tin	118-1	0.10	0.08	0.08	0.09	16.21	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3654-05	Instrumnet Name :	P8
Client Sample ID :	EW1X1	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 12:25:48	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	12.13	6.60	7.56	8.76	33.73	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	13.69	ppb
Vanadium	51-2	0.73	0.69	0.68	0.70	3.58	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				113		%
Yttrium	89-2				113		%
Zinc	66-2	13.31	12.97	12.49	12.92	3.19	ppb
Zirconium	90-1	4.37	3.84	3.98	4.07	6.75	ppb
Zirconium	91-1	3.71	4.46	4.41	4.20	9.95	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3654-06	Instrumnet Name :	P8
Client Sample ID :	EW1X2	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 12:28:42	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51.62	56.48	49.07	52.39	7.18	ppb
Antimony	121-1	0.01	0.00	0.01	0.01	64.99	ppb
Arsenic	75-2	6.88	6.53	6.77	6.73	2.69	ppb
Barium	135-1	382.29	364.36	372.79	373.15	2.40	ppb
Barium	137-1	378.20	361.71	363.37	367.76	2.47	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	7.69	ppb
Bismuth	209-1				109		%
Bismuth	209-2				104		%
Boron	10-1	85.71	89.09	90.13	88.31	2.62	ppb
Boron	11-1	99.35	104.66	103.01	102.34	2.66	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.03	-0.07	-0.04	-0.05		ppb
Cadmium	106-1	-3.12	-6.48	-3.18	-4.26		ppb
Cadmium	108-1	-0.22	-0.16	-0.14	-0.17		ppb
Calcium	43-1	100729.35	101603.08	97463.96	99932.13	2.18	ppb
Calcium	44-1	99413.06	100776.10	96882.28	99023.81	2.00	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.21	0.21	0.24	0.22	7.75	ppb
Cobalt	59-2	0.19	0.19	0.20	0.19	2.87	ppb
Copper	63-2	0.22	0.24	0.25	0.24	5.61	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				113		%
Holmium	165-2				111		%
Indium	115-1				111		%
Indium	115-2				108		%
Iron	54-2	9972.31	10235.37	10074.81	10094.16	1.31	ppb
Iron	56-2	10338.40	10568.75	10382.33	10429.83	1.17	ppb
Iron	57-2	10174.23	10491.20	10428.10	10364.51	1.62	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3654-06	Instrumnet Name :	P8
Client Sample ID :	EW1X2	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 12:28:42	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.07	0.05	0.06	0.06	20.32	ppb
Lead	207-1	0.07	0.09	0.05	0.07	21.96	ppb
Lead	208-1	0.07	0.06	0.06	0.07	6.88	ppb
Lithium	6-1				111		%
Magnesium	24-2	26084.66	25994.01	25711.24	25929.97	0.75	ppb
Manganese	55-2	300.98	303.52	302.54	302.35	0.42	ppb
Molybdenum	94-1	0.36	0.36	0.40	0.37	6.25	ppb
Molybdenum	95-1	0.13	0.11	0.13	0.12	7.62	ppb
Molybdenum	96-1	0.20	0.20	0.17	0.19	8.26	ppb
Molybdenum	97-1	0.11	0.15	0.14	0.13	18.02	ppb
Molybdenum	98-1	0.12	0.13	0.12	0.12	3.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.39	0.47	0.46	0.44	8.96	ppb
Phosphorus	31-2	525.60	470.50	460.49	485.53	7.22	ppb
Potassium	39-2	1783.29	1815.04	1808.65	1802.33	0.93	ppb
Rhodium	103-1				108		%
Rhodium	103-2				107		%
Scandium	45-1				115		%
Scandium	45-2				112		%
Selenium	82-1	0.33	0.54	0.34	0.40	29.58	ppb
Selenium	77-2	0.58	0.00	0.00	0.19	173.21	ppb
Selenium	78-2	0.28	-0.21	-0.15	-0.03		ppb
Silicon	28-1	16451.59	16486.37	15547.15	16161.70	3.29	ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Silver	109-1	0.00	0.00	0.00	0.00	1535.58	ppb
Sodium	23-2	9867.32	10080.05	9802.95	9916.77	1.46	ppb
Strontium	86-1	288.28	292.46	274.91	285.21	3.21	ppb
Strontium	88-1	277.31	279.67	269.06	275.35	2.02	ppb
Sulfur	34-1	-1851.66	-1978.52	-2308.78	-2046.32		ppb
Terbium	159-1				112		%
Terbium	159-2				110		%
Thallium	203-1	-0.02	-0.02	-0.02	-0.02		ppb
Thallium	205-1	-0.01	-0.02	-0.01	-0.01		ppb
Tin	118-1	0.07	0.04	0.04	0.05	34.03	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3654-06	Instrumnet Name :	P8
Client Sample ID :	EW1X2	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 12:28:42	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2.61	3.47	2.46	2.85	19.24	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	23.12	ppb
Vanadium	51-2	0.25	0.26	0.27	0.26	3.17	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				113		%
Yttrium	89-2				111		%
Zinc	66-2	6.82	7.33	6.58	6.91	5.54	ppb
Zirconium	90-1	1.88	2.36	1.66	1.97	18.08	ppb
Zirconium	91-1	1.84	2.13	1.50	1.82	17.35	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3654-07	Instrumnet Name :	P8
Client Sample ID :	EW1X4	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 12:31:39	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	126.76	132.51	118.87	126.05	5.43	ppb
Antimony	121-1	0.09	0.08	0.10	0.09	8.81	ppb
Arsenic	75-2	5.80	5.61	6.07	5.83	3.92	ppb
Barium	135-1	469.44	443.70	465.92	459.69	3.04	ppb
Barium	137-1	469.42	436.65	460.06	455.38	3.71	ppb
Beryllium	9-1	0.01	0.01	0.00	0.01	45.73	ppb
Bismuth	209-1				108		%
Bismuth	209-2				104		%
Boron	10-1	222.21	222.66	242.52	229.13	5.06	ppb
Boron	11-1	261.75	261.19	288.68	270.54	5.81	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.06	-0.07	-0.04	-0.06		ppb
Cadmium	106-1	-5.27	-6.13	-4.71	-5.37		ppb
Cadmium	108-1	-0.23	-0.12	-0.32	-0.23		ppb
Calcium	43-1	72381.20	73054.45	77549.59	74328.42	3.78	ppb
Calcium	44-1	72595.46	72465.63	75906.73	73655.94	2.65	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.29	0.25	0.23	0.26	12.90	ppb
Cobalt	59-2	0.13	0.12	0.12	0.13	3.77	ppb
Copper	63-2	0.24	0.21	0.26	0.24	12.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				109		%
Indium	115-1				111		%
Indium	115-2				108		%
Iron	54-2	5670.46	5443.62	5634.49	5582.86	2.18	ppb
Iron	56-2	5629.29	5555.96	5713.53	5632.93	1.40	ppb
Iron	57-2	5714.20	5517.75	5638.82	5623.59	1.76	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3654-07	Instrumnet Name :	P8
Client Sample ID :	EW1X4	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 12:31:39	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.13	0.11	0.14	0.13	12.75	ppb
Lead	207-1	0.11	0.10	0.12	0.11	6.68	ppb
Lead	208-1	0.13	0.12	0.14	0.13	7.68	ppb
Lithium	6-1				108		%
Magnesium	24-2	21919.93	20781.40	21287.41	21329.58	2.67	ppb
Manganese	55-2	231.92	226.59	229.83	229.45	1.17	ppb
Molybdenum	94-1	0.42	0.80	0.46	0.56	36.59	ppb
Molybdenum	95-1	0.19	0.18	0.18	0.18	3.48	ppb
Molybdenum	96-1	0.25	0.19	0.24	0.23	12.66	ppb
Molybdenum	97-1	0.14	0.17	0.21	0.17	19.67	ppb
Molybdenum	98-1	0.16	0.17	0.19	0.17	8.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.37	0.28	0.31	0.32	15.12	ppb
Phosphorus	31-2	269.74	253.10	274.91	265.91	4.29	ppb
Potassium	39-2	2911.76	2858.71	2969.15	2913.21	1.90	ppb
Rhodium	103-1				107		%
Rhodium	103-2				107		%
Scandium	45-1				115		%
Scandium	45-2				111		%
Selenium	82-1	0.57	1.20	0.58	0.78	46.15	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.19	0.41	-0.09	0.17	144.97	ppb
Silicon	28-1	11352.97	11361.66	11683.84	11466.16	1.64	ppb
Silver	107-1	0.00	0.00	-0.01	0.00		ppb
Silver	109-1	0.00	0.00	0.00	0.00	112.42	ppb
Sodium	23-2	82637.71	79869.15	81561.72	81356.19	1.72	ppb
Strontium	86-1	738.99	708.82	745.86	731.22	2.69	ppb
Strontium	88-1	725.91	703.72	744.68	724.77	2.83	ppb
Sulfur	34-1	-2342.52	-2125.05	-1921.53	-2129.70		ppb
Terbium	159-1				112		%
Terbium	159-2				108		%
Thallium	203-1	-0.01	-0.02	-0.02	-0.02		ppb
Thallium	205-1	-0.02	-0.02	-0.02	-0.02		ppb
Tin	118-1	0.01	0.03	0.02	0.02	49.40	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3654-07	Instrumnet Name :	P8
Client Sample ID :	EW1X4	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 12:31:39	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	3.55	2.99	5.00	3.85	26.91	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	4.17	ppb
Vanadium	51-2	0.36	0.38	0.43	0.39	8.62	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				110		%
Zinc	66-2	2.92	2.89	2.78	2.86	2.55	ppb
Zirconium	90-1	2.06	1.90	1.58	1.85	13.37	ppb
Zirconium	91-1	2.33	2.08	2.20	2.20	5.69	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3654-08	Instrumnet Name :	P8
Client Sample ID :	EW1X7	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 12:34:34	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	310.01	323.35	333.22	322.20	3.62	ppb
Antimony	121-1	0.03	0.04	0.03	0.03	3.89	ppb
Arsenic	75-2	14.21	14.09	14.83	14.38	2.75	ppb
Barium	135-1	194.85	202.73	210.96	202.85	3.97	ppb
Barium	137-1	197.82	207.38	214.88	206.69	4.14	ppb
Beryllium	9-1	0.04	0.04	0.02	0.03	22.64	ppb
Bismuth	209-1				105		%
Bismuth	209-2				104		%
Boron	10-1	105.65	105.35	108.82	106.61	1.80	ppb
Boron	11-1	124.12	123.35	124.98	124.15	0.66	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.03	-0.04	-0.05	-0.04		ppb
Cadmium	106-1	-4.20	-3.86	-5.13	-4.40		ppb
Cadmium	108-1	-0.24	-0.10	-0.13	-0.16		ppb
Calcium	43-1	122568.31	128416.88	125600.96	125528.72	2.33	ppb
Calcium	44-1	123617.09	128646.64	126754.42	126339.38	2.01	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.81	1.20	0.90	0.97	20.84	ppb
Cobalt	59-2	0.33	0.38	0.37	0.36	7.72	ppb
Copper	63-2	0.71	0.79	0.69	0.73	6.99	ppb
Dysprosium	156-1						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				110		%
Indium	115-1				112		%
Indium	115-2				109		%
Iron	54-2	17025.86	17631.53	18602.21	17753.20	4.48	ppb
Iron	56-2	17787.03	17906.69	17881.03	17858.25	0.35	ppb
Iron	57-2	17490.66	17765.05	18064.34	17773.35	1.61	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3654-08	Instrumnet Name :	P8
Client Sample ID :	EW1X7	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 12:34:34	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.65	0.63	0.70	0.66	5.37	ppb
Lead	207-1	0.66	0.64	0.69	0.66	3.20	ppb
Lead	208-1	0.65	0.66	0.66	0.66	1.27	ppb
Lithium	6-1				108		%
Magnesium	24-2	36277.45	35672.03	36542.95	36164.14	1.23	ppb
Manganese	55-2	241.50	248.98	251.24	247.24	2.06	ppb
Molybdenum	94-1	3.48	3.45	3.29	3.41	2.89	ppb
Molybdenum	95-1	0.25	0.19	0.24	0.23	15.55	ppb
Molybdenum	96-1	0.61	0.67	0.69	0.65	5.96	ppb
Molybdenum	97-1	0.19	0.29	0.24	0.24	21.53	ppb
Molybdenum	98-1	0.21	0.25	0.21	0.22	10.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.90	0.94	0.92	0.92	2.48	ppb
Phosphorus	31-2	201.29	253.66	215.54	223.49	12.11	ppb
Potassium	39-2	1494.25	1537.17	1556.20	1529.21	2.08	ppb
Rhodium	103-1				108		%
Rhodium	103-2				107		%
Scandium	45-1				114		%
Scandium	45-2				111		%
Selenium	82-1	0.45	0.38	0.23	0.35	32.86	ppb
Selenium	77-2	0.56	0.00	0.60	0.38	86.76	ppb
Selenium	78-2	0.26	0.62	0.47	0.45	40.49	ppb
Silicon	28-1	8935.06	9225.86	9350.13	9170.35	2.32	ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Silver	109-1	0.00	0.00	0.00	0.00	134.18	ppb
Sodium	23-2	19561.92	19655.49	20027.66	19748.36	1.25	ppb
Strontium	86-1	261.40	261.75	273.40	265.52	2.57	ppb
Strontium	88-1	252.82	257.39	257.58	255.93	1.05	ppb
Sulfur	34-1	34561.53	38054.47	37969.01	36861.67	5.41	ppb
Terbium	159-1				113		%
Terbium	159-2				109		%
Thallium	203-1	0.00	-0.02	-0.01	-0.01		ppb
Thallium	205-1	-0.02	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.02	-0.02	0.04	0.01	203.75	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3654-08	Instrumnet Name :	P8
Client Sample ID :	EW1X7	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 12:34:34	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	6.55	7.92	6.67	7.05	10.77	ppb
Uranium	238-1	0.08	0.07	0.07	0.08	6.56	ppb
Vanadium	51-2	1.87	2.09	2.16	2.04	7.41	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				113		%
Yttrium	89-2				110		%
Zinc	66-2	4.39	4.43	4.03	4.28	5.21	ppb
Zirconium	90-1	19.48	20.53	23.30	21.10	9.36	ppb
Zirconium	91-1	21.02	19.21	19.95	20.06	4.54	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3654-09	Instrumnet Name :	P8
Client Sample ID :	EW1X8	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 12:37:30	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12.14	11.74	12.11	11.99	1.88	ppb
Antimony	121-1	0.02	0.02	0.01	0.02	20.60	ppb
Arsenic	75-2	0.50	0.51	0.59	0.53	9.96	ppb
Barium	135-1	328.20	332.11	335.81	332.04	1.15	ppb
Barium	137-1	330.94	340.16	333.10	334.73	1.44	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	17.22	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Boron	10-1	85.55	86.28	87.95	86.59	1.42	ppb
Boron	11-1	98.33	100.16	103.73	100.74	2.72	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.04	-0.04	-0.07	-0.05		ppb
Cadmium	106-1	-4.97	-5.07	-7.54	-5.86		ppb
Cadmium	108-1	-0.25	-0.17	-0.10	-0.17		ppb
Calcium	43-1	100426.01	97130.25	96446.46	98000.91	2.17	ppb
Calcium	44-1	101638.16	98446.75	96031.05	98705.32	2.85	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.20	0.18	0.18	0.19	8.10	ppb
Cobalt	59-2	0.13	0.13	0.13	0.13	2.03	ppb
Copper	63-2	0.27	0.22	0.25	0.25	9.62	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				113		%
Holmium	165-2				110		%
Indium	115-1				112		%
Indium	115-2				106		%
Iron	54-2	9403.28	9209.78	9268.84	9293.97	1.07	ppb
Iron	56-2	9469.93	9056.82	9218.45	9248.40	2.25	ppb
Iron	57-2	9279.65	9093.73	9130.72	9168.03	1.07	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3654-09	Instrumnet Name :	P8
Client Sample ID :	EW1X8	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 12:37:30	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.06	0.05	0.09	0.07	27.96	ppb
Lead	207-1	0.07	0.06	0.06	0.07	11.51	ppb
Lead	208-1	0.07	0.06	0.07	0.07	10.75	ppb
Lithium	6-1				108		%
Magnesium	24-2	27536.37	25570.36	27219.61	26775.45	3.94	ppb
Manganese	55-2	435.34	417.70	430.70	427.91	2.14	ppb
Molybdenum	94-1	0.60	0.52	0.51	0.54	9.83	ppb
Molybdenum	95-1	0.03	0.03	0.04	0.03	19.26	ppb
Molybdenum	96-1	0.12	0.12	0.11	0.11	6.80	ppb
Molybdenum	97-1	0.04	0.03	0.04	0.04	25.57	ppb
Molybdenum	98-1	0.02	0.03	0.04	0.03	21.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.18	0.15	0.16	0.16	11.19	ppb
Phosphorus	31-2	279.32	269.93	295.70	281.65	4.63	ppb
Potassium	39-2	3613.89	3442.08	3551.88	3535.95	2.46	ppb
Rhodium	103-1				109		%
Rhodium	103-2				107		%
Scandium	45-1				115		%
Scandium	45-2				109		%
Selenium	82-1	0.42	0.71	0.70	0.61	27.20	ppb
Selenium	77-2	0.59	0.00	0.00	0.20	173.21	ppb
Selenium	78-2	0.56	0.41	0.13	0.37	59.91	ppb
Silicon	28-1	11934.83	11295.91	11467.16	11565.96	2.86	ppb
Silver	107-1	0.00	-0.01	0.00	0.00		ppb
Silver	109-1	0.00	0.00	0.00	0.00	24.99	ppb
Sodium	23-2	14514.64	13602.64	14240.28	14119.19	3.31	ppb
Strontium	86-1	179.25	175.71	172.04	175.67	2.05	ppb
Strontium	88-1	173.77	169.81	163.92	169.16	2.93	ppb
Sulfur	34-1	-1898.47	-2247.33	-2122.86	-2089.55		ppb
Terbium	159-1				112		%
Terbium	159-2				111		%
Thallium	203-1	-0.02	-0.01	-0.02	-0.02		ppb
Thallium	205-1	-0.02	-0.02	-0.02	-0.02		ppb
Tin	118-1	0.00	-0.02	-0.02	-0.01		ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3654-09	Instrumnet Name :	P8
Client Sample ID :	EW1X8	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 12:37:30	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.59	1.60	1.47	1.55	4.38	ppb
Uranium	238-1	0.00	0.00	0.01	0.00	30.08	ppb
Vanadium	51-2	0.41	0.41	0.39	0.40	2.71	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				109		%
Zinc	66-2	6.43	6.55	6.59	6.52	1.29	ppb
Zirconium	90-1	3.09	2.78	3.45	3.11	10.74	ppb
Zirconium	91-1	3.31	3.28	2.72	3.10	10.62	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3654-10	Instrumnet Name :	P8
Client Sample ID :	EW1X9	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 12:40:26	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.58	30.85	26.24	26.56	15.60	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	10.96	ppb
Arsenic	75-2	4.91	4.69	4.84	4.81	2.43	ppb
Barium	135-1	382.67	402.54	388.23	391.15	2.62	ppb
Barium	137-1	391.75	397.67	383.56	390.99	1.81	ppb
Beryllium	9-1	0.01	0.00	0.00	0.01	35.57	ppb
Bismuth	209-1				109		%
Bismuth	209-2				105		%
Boron	10-1	62.42	63.89	64.64	63.65	1.77	ppb
Boron	11-1	71.66	73.09	75.51	73.42	2.65	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.03	-0.01	-0.07	-0.04		ppb
Cadmium	106-1	-3.41	-1.54	-6.39	-3.78		ppb
Cadmium	108-1	-0.11	-0.13	-0.16	-0.13		ppb
Calcium	43-1	95044.71	95889.41	94309.92	95081.34	0.83	ppb
Calcium	44-1	95246.26	95320.27	95213.63	95260.05	0.06	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.16	1.07	1.10	1.11	4.07	ppb
Cobalt	59-2	0.17	0.17	0.15	0.17	6.73	ppb
Copper	63-2	0.16	0.17	0.23	0.19	20.02	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				112		%
Holmium	165-2				110		%
Indium	115-1				112		%
Indium	115-2				106		%
Iron	54-2	8902.92	8793.85	8699.44	8798.74	1.16	ppb
Iron	56-2	8899.08	8714.92	9003.45	8872.48	1.65	ppb
Iron	57-2	8889.31	8872.66	8916.34	8892.77	0.25	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3654-10	Instrumnet Name :	P8
Client Sample ID :	EW1X9	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 12:40:26	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.20	0.17	0.19	0.19	9.06	ppb
Lead	207-1	0.19	0.18	0.16	0.18	9.23	ppb
Lead	208-1	0.20	0.18	0.18	0.19	5.93	ppb
Lithium	6-1				111		%
Magnesium	24-2	23380.17	23433.48	23269.73	23361.13	0.36	ppb
Manganese	55-2	318.75	309.76	313.57	314.03	1.44	ppb
Molybdenum	94-1	0.56	0.48	0.48	0.51	9.23	ppb
Molybdenum	95-1	0.42	0.41	0.43	0.42	1.83	ppb
Molybdenum	96-1	0.45	0.46	0.44	0.45	2.52	ppb
Molybdenum	97-1	0.46	0.48	0.41	0.45	7.95	ppb
Molybdenum	98-1	0.45	0.41	0.43	0.43	4.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.47	0.50	0.50	0.49	3.18	ppb
Phosphorus	31-2	373.56	457.80	391.22	407.53	10.90	ppb
Potassium	39-2	1738.58	1674.35	1674.28	1695.74	2.19	ppb
Rhodium	103-1				110		%
Rhodium	103-2				105		%
Scandium	45-1				115		%
Scandium	45-2				109		%
Selenium	82-1	0.18	0.36	0.35	0.30	35.61	ppb
Selenium	77-2	0.00	0.59	0.00	0.20	173.21	ppb
Selenium	78-2	0.45	0.09	-0.07	0.16	169.41	ppb
Silicon	28-1	16752.43	17015.31	16174.97	16647.57	2.58	ppb
Silver	107-1	-0.01	0.00	0.00	0.00		ppb
Silver	109-1	0.00	0.00	0.00	0.00	2262.87	ppb
Sodium	23-2	19398.78	19251.79	19188.96	19279.84	0.56	ppb
Strontium	86-1	179.11	176.82	175.41	177.11	1.05	ppb
Strontium	88-1	169.64	169.75	171.29	170.23	0.54	ppb
Sulfur	34-1	-1786.50	-1599.93	-1986.11	-1790.85		ppb
Terbium	159-1				114		%
Terbium	159-2				109		%
Thallium	203-1	-0.02	-0.02	-0.01	-0.01		ppb
Thallium	205-1	-0.02	-0.02	-0.01	-0.02		ppb
Tin	118-1	0.01	0.03	0.03	0.02	66.75	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3654-10	Instrumnet Name :	P8
Client Sample ID :	EW1X9	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 12:40:26	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2.04	2.16	1.87	2.02	7.25	ppb
Uranium	238-1	0.01	0.00	0.00	0.01	15.53	ppb
Vanadium	51-2	0.20	0.16	0.17	0.18	11.51	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				113		%
Yttrium	89-2				109		%
Zinc	66-2	2.58	2.61	2.79	2.66	4.30	ppb
Zirconium	90-1	1.05	1.02	1.03	1.03	1.51	ppb
Zirconium	91-1	1.28	1.13	0.91	1.11	16.47	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3654-11	Instrumnet Name :	P8
Client Sample ID :	EW1X9D	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 12:43:23	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24.60	24.09	31.63	26.77	15.74	ppb
Antimony	121-1	0.01	0.01	0.00	0.01	50.21	ppb
Arsenic	75-2	4.78	4.68	4.79	4.75	1.36	ppb
Barium	135-1	400.28	400.67	410.45	403.80	1.43	ppb
Barium	137-1	388.72	403.33	398.81	396.95	1.88	ppb
Beryllium	9-1	0.00	0.01	0.01	0.01	31.97	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Boron	10-1	59.83	66.50	65.79	64.04	5.72	ppb
Boron	11-1	71.17	78.11	73.76	74.35	4.72	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.06	-0.08	-0.05	-0.06		ppb
Cadmium	106-1	-5.61	-7.34	-5.22	-6.06		ppb
Cadmium	108-1	-0.26	-0.22	-0.22	-0.23		ppb
Calcium	43-1	102205.26	100520.84	97482.37	100069.49	2.39	ppb
Calcium	44-1	101643.76	99211.30	97201.80	99352.29	2.24	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.58	0.54	0.61	0.57	6.19	ppb
Cobalt	59-2	0.17	0.17	0.17	0.17	1.30	ppb
Copper	63-2	0.14	0.15	0.14	0.14	3.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				106		%
Indium	115-1				108		%
Indium	115-2				103		%
Iron	54-2	8894.16	9036.65	8996.82	8975.88	0.82	ppb
Iron	56-2	9012.52	8757.15	9095.89	8955.19	1.97	ppb
Iron	57-2	8853.18	8932.56	8909.41	8898.38	0.46	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3654-11	Instrumnet Name :	P8
Client Sample ID :	EW1X9D	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 12:43:23	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.04	0.03	0.01	0.03	58.40	ppb
Lead	207-1	0.02	0.02	0.04	0.03	35.44	ppb
Lead	208-1	0.04	0.04	0.03	0.04	4.54	ppb
Lithium	6-1				104		%
Magnesium	24-2	23998.60	23115.77	23563.55	23559.30	1.87	ppb
Manganese	55-2	319.62	315.71	325.10	320.14	1.47	ppb
Molybdenum	94-1	0.48	0.42	0.51	0.47	10.25	ppb
Molybdenum	95-1	0.41	0.41	0.44	0.42	4.16	ppb
Molybdenum	96-1	0.45	0.46	0.48	0.46	2.82	ppb
Molybdenum	97-1	0.47	0.36	0.43	0.42	13.54	ppb
Molybdenum	98-1	0.42	0.40	0.39	0.40	2.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.34	0.37	0.35	0.35	3.85	ppb
Phosphorus	31-2	378.49	398.04	378.54	385.02	2.93	ppb
Potassium	39-2	1704.22	1701.89	1741.75	1715.96	1.30	ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				107		%
Scandium	45-2				106		%
Selenium	82-1	0.44	0.34	0.13	0.30	53.27	ppb
Selenium	77-2	0.60	0.00	0.00	0.20	173.21	ppb
Selenium	78-2	0.01	0.22	0.35	0.19	87.01	ppb
Silicon	28-1	17046.80	17212.24	16583.42	16947.49	1.92	ppb
Silver	107-1	-0.01	0.00	0.00	0.00		ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	19529.12	19501.75	19485.47	19505.45	0.11	ppb
Strontium	86-1	184.91	181.04	178.13	181.36	1.88	ppb
Strontium	88-1	178.76	175.59	171.09	175.15	2.20	ppb
Sulfur	34-1	-1237.39	-1470.20	-1594.33	-1433.97		ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	-0.02	-0.02	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.02	-0.03	-0.02		ppb
Tin	118-1	-0.05	-0.03	-0.02	-0.03		ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3654-11	Instrumnet Name :	P8
Client Sample ID :	EW1X9D	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 12:43:23	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2.29	4.83	2.12	3.08	49.26	ppb
Uranium	238-1	0.00	0.01	0.01	0.01	35.38	ppb
Vanadium	51-2	0.15	0.16	0.15	0.16	3.64	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				106		%
Zinc	66-2	2.06	2.20	2.32	2.19	6.09	ppb
Zirconium	90-1	1.19	1.28	1.37	1.28	6.79	ppb
Zirconium	91-1	1.35	0.91	0.96	1.07	22.48	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3654-10LX5	Instrumnet Name :	P8
Client Sample ID :	EW1X9L	Dilution Factor :	5
Date & Time Acquired ::	2021-09-10 12:46:18	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.56	5.51	4.22	4.43	22.34	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	75.54	ppb
Arsenic	75-2	0.76	0.90	0.86	0.84	8.62	ppb
Barium	135-1	74.02	78.96	79.74	77.57	4.00	ppb
Barium	137-1	76.90	78.55	81.87	79.11	3.20	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	91.70	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Boron	10-1	19.62	22.34	21.71	21.22	6.72	ppb
Boron	11-1	22.96	24.67	24.38	24.00	3.81	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.01	-0.05	-0.03	-0.03		ppb
Cadmium	106-1	-1.54	-4.36	-3.67	-3.19		ppb
Cadmium	108-1	-0.20	-0.23	-0.17	-0.20		ppb
Calcium	43-1	19691.01	20009.54	20155.82	19952.12	1.19	ppb
Calcium	44-1	18272.14	18568.62	19450.69	18763.82	3.27	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.18	0.26	0.26	0.23	20.41	ppb
Cobalt	59-2	0.03	0.03	0.04	0.03	29.95	ppb
Copper	63-2	0.09	0.14	0.10	0.11	23.02	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				104		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				102		%
Iron	54-2	1658.93	1777.84	1743.84	1726.87	3.55	ppb
Iron	56-2	1701.03	1791.98	1746.43	1746.48	2.60	ppb
Iron	57-2	1658.88	1773.63	1785.56	1739.36	4.02	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3654-10LX5	Instrumnet Name :	P8
Client Sample ID :	EW1X9L	Dilution Factor :	5
Date & Time Acquired ::	2021-09-10 12:46:18	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.03	0.02	0.02	0.03	25.15	ppb
Lead	207-1	0.06	0.05	0.07	0.06	11.49	ppb
Lead	208-1	0.05	0.05	0.05	0.05	1.48	ppb
Lithium	6-1				102		%
Magnesium	24-2	4436.45	4684.27	4769.12	4629.95	3.73	ppb
Manganese	55-2	60.57	62.06	62.46	61.70	1.61	ppb
Molybdenum	94-1	0.12	0.08	0.13	0.11	22.84	ppb
Molybdenum	95-1	0.07	0.08	0.07	0.07	4.10	ppb
Molybdenum	96-1	0.09	0.08	0.09	0.09	10.39	ppb
Molybdenum	97-1	0.10	0.07	0.08	0.09	16.62	ppb
Molybdenum	98-1	0.08	0.08	0.08	0.08	5.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.09	0.10	0.16	0.11	33.13	ppb
Phosphorus	31-2	40.06	66.12	84.45	63.54	35.11	ppb
Potassium	39-2	316.07	333.70	333.82	327.86	3.12	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				106		%
Scandium	45-2				101		%
Selenium	82-1	0.78	-0.10	-0.35	0.11	533.59	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.16	0.22	0.27	0.22	26.18	ppb
Silicon	28-1	3221.77	3245.92	3317.12	3261.60	1.52	ppb
Silver	107-1	0.00	-0.01	0.00	0.00		ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	3645.35	3758.82	3870.86	3758.34	3.00	ppb
Strontium	86-1	34.18	33.79	34.90	34.29	1.65	ppb
Strontium	88-1	33.73	34.34	35.45	34.51	2.54	ppb
Sulfur	34-1	-1399.19	-1267.07	-1222.89	-1296.38		ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	-0.02	-0.01	-0.03	-0.02		ppb
Thallium	205-1	-0.02	-0.02	-0.02	-0.02		ppb
Tin	118-1	0.00	0.02	0.00	0.01	115.55	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3654-10LX5	Instrumnet Name :	P8
Client Sample ID :	EW1X9L	Dilution Factor :	5
Date & Time Acquired ::	2021-09-10 12:46:18	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.41	0.37	0.49	0.42	14.16	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	157.60	ppb
Vanadium	51-2	0.02	0.02	0.02	0.02	9.46	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				103		%
Zinc	66-2	1.43	1.56	1.56	1.51	4.89	ppb
Zirconium	90-1	0.27	0.09	0.34	0.23	55.40	ppb
Zirconium	91-1	0.32	0.15	0.25	0.24	35.03	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3654-12	Instrumnet Name :	P8
Client Sample ID :	EW1X9S	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 12:49:17	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2336.17	2225.66	2199.15	2253.66	3.22	ppb
Antimony	121-1	109.33	105.74	108.86	107.98	1.80	ppb
Arsenic	75-2	49.09	43.91	46.62	46.54	5.58	ppb
Barium	135-1	2410.56	2357.88	2460.74	2409.72	2.13	ppb
Barium	137-1	2447.22	2337.52	2428.87	2404.54	2.44	ppb
Beryllium	9-1	53.29	50.59	51.41	51.77	2.68	ppb
Bismuth	209-1				106		%
Bismuth	209-2				100		%
Boron	10-1	56.08	55.59	60.92	57.53	5.12	ppb
Boron	11-1	64.82	63.61	67.68	65.37	3.19	ppb
Bromine	81-1						cps
Cadmium	111-1	53.35	51.30	53.53	52.73	2.34	ppb
Cadmium	106-1	36.97	31.94	37.70	35.53	8.83	ppb
Cadmium	108-1	44.39	45.48	45.68	45.18	1.53	ppb
Calcium	43-1	98072.18	92932.55	93753.19	94919.31	2.91	ppb
Calcium	44-1	96987.09	93985.95	95565.94	95512.99	1.57	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	212.49	203.02	200.35	205.29	3.11	ppb
Cobalt	59-2	523.07	500.11	506.26	509.81	2.33	ppb
Copper	63-2	268.20	254.37	253.64	258.73	3.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				105		%
Indium	115-1				109		%
Indium	115-2				101		%
Iron	54-2	10602.80	9967.47	10015.91	10195.39	3.47	ppb
Iron	56-2	10494.86	9807.29	9957.48	10086.54	3.58	ppb
Iron	57-2	10364.08	9874.95	9941.56	10060.20	2.64	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3654-12	Instrumnet Name :	P8
Client Sample ID :	EW1X9S	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 12:49:17	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	19.64	19.44	19.98	19.69	1.40	ppb
Lead	207-1	20.30	20.83	21.07	20.74	1.90	ppb
Lead	208-1	20.00	19.97	20.31	20.09	0.95	ppb
Lithium	6-1				108		%
Magnesium	24-2	24377.40	23250.47	23125.31	23584.39	2.92	ppb
Manganese	55-2	854.50	800.48	818.61	824.53	3.33	ppb
Molybdenum	94-1	0.50	0.49	0.54	0.51	4.72	ppb
Molybdenum	95-1	0.40	0.45	0.49	0.45	10.43	ppb
Molybdenum	96-1	0.42	0.45	0.54	0.47	13.93	ppb
Molybdenum	97-1	0.42	0.40	0.45	0.43	5.75	ppb
Molybdenum	98-1	0.45	0.42	0.46	0.45	4.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	533.96	499.43	502.04	511.81	3.76	ppb
Phosphorus	31-2	416.47	417.18	367.66	400.44	7.09	ppb
Potassium	39-2	1743.45	1686.59	1665.56	1698.53	2.37	ppb
Rhodium	103-1				104		%
Rhodium	103-2				101		%
Scandium	45-1				110		%
Scandium	45-2				104		%
Selenium	82-1	104.51	99.83	106.03	103.46	3.12	ppb
Selenium	77-2	101.14	122.93	94.63	106.23	13.95	ppb
Selenium	78-2	107.66	99.33	100.40	102.46	4.42	ppb
Silicon	28-1	16806.46	16234.38	16505.10	16515.31	1.73	ppb
Silver	107-1	32.70	32.19	33.33	32.74	1.75	ppb
Silver	109-1	32.23	31.09	31.76	31.69	1.80	ppb
Sodium	23-2	20287.90	19273.81	19118.21	19559.97	3.25	ppb
Strontium	86-1	180.07	170.23	181.25	177.19	3.42	ppb
Strontium	88-1	176.73	165.74	175.61	172.69	3.50	ppb
Sulfur	34-1	-1625.77	-2111.84	-2136.77	-1958.13		ppb
Terbium	159-1				110		%
Terbium	159-2				105		%
Thallium	203-1	50.31	49.06	50.85	50.07	1.83	ppb
Thallium	205-1	51.09	49.98	51.90	50.99	1.89	ppb
Tin	118-1	0.06	0.02	0.04	0.04	49.50	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3654-12	Instrumnet Name :	P8
Client Sample ID :	EW1X9S	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 12:49:17	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.97	1.89	1.86	1.91	2.93	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	38.11	ppb
Vanadium	51-2	526.77	502.09	506.41	511.76	2.58	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				104		%
Zinc	66-2	536.25	509.39	514.29	519.98	2.75	ppb
Zirconium	90-1	1.03	1.35	1.60	1.33	21.55	ppb
Zirconium	91-1	1.59	1.33	1.50	1.47	9.16	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	CCV025	Instrumnet Name :	P8
Client Sample ID :	CCV025	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 12:52:21	DataFile Name :	040CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53126.47	53946.84	52464.88	53179.40	1.40	ppb
Antimony	121-1	489.37	505.54	476.31	490.41	2.99	ppb
Arsenic	75-2	517.50	510.24	524.56	517.43	1.38	ppb
Barium	135-1	2489.25	2605.83	2413.20	2502.76	3.88	ppb
Barium	137-1	2489.21	2595.55	2392.17	2492.31	4.08	ppb
Beryllium	9-1	506.31	506.13	485.11	499.18	2.44	ppb
Bismuth	209-1				95		%
Bismuth	209-2				89		%
Boron	10-1	471.19	492.59	490.60	484.79	2.44	ppb
Boron	11-1	477.66	499.02	511.47	496.05	3.45	ppb
Bromine	81-1						cps
Cadmium	111-1	519.46	512.11	492.57	508.05	2.74	ppb
Cadmium	106-1	517.86	507.72	496.94	507.51	2.06	ppb
Cadmium	108-1	507.27	517.69	487.75	504.24	3.01	ppb
Calcium	43-1	248395.81	245514.68	235795.92	243235.47	2.71	ppb
Calcium	44-1	245872.41	246565.04	235217.52	242551.66	2.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	497.21	497.60	475.92	490.24	2.53	ppb
Cobalt	59-2	494.52	481.36	475.18	483.69	2.04	ppb
Copper	63-2	5088.93	5057.95	5003.75	5050.21	0.85	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				94		%
Iron	54-2	131690.49	132322.23	126726.81	130246.51	2.35	ppb
Iron	56-2	131472.02	134185.56	130355.38	132004.32	1.49	ppb
Iron	57-2	132143.60	131566.29	125374.81	129694.90	2.89	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	CCV025	Instrumnet Name :	P8
Client Sample ID :	CCV025	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 12:52:21	DataFile Name :	040CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2608.77	2590.82	2446.07	2548.55	3.50	ppb
Lead	207-1	2594.79	2592.94	2454.37	2547.37	3.16	ppb
Lead	208-1	2577.32	2553.98	2433.59	2521.63	3.06	ppb
Lithium	6-1				100		%
Magnesium	24-2	266920.37	266200.89	264561.15	265894.14	0.45	ppb
Manganese	55-2	5080.45	5276.71	5008.12	5121.76	2.71	ppb
Molybdenum	94-1	2463.12	2545.42	2464.27	2490.94	1.89	ppb
Molybdenum	95-1	2460.45	2528.63	2437.66	2475.58	1.91	ppb
Molybdenum	96-1	2485.84	2555.87	2483.68	2508.46	1.64	ppb
Molybdenum	97-1	2521.65	2539.24	2468.55	2509.82	1.47	ppb
Molybdenum	98-1	2537.48	2552.76	2436.63	2508.96	2.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	477.85	478.26	471.78	475.96	0.76	ppb
Phosphorus	31-2	9750.83	9659.71	9622.46	9677.67	0.68	ppb
Potassium	39-2	125900.52	128618.15	125710.00	126742.89	1.28	ppb
Rhodium	103-1				95		%
Rhodium	103-2				92		%
Scandium	45-1				106		%
Scandium	45-2				101		%
Selenium	82-1	512.97	514.68	500.15	509.27	1.56	ppb
Selenium	77-2	513.64	502.13	499.53	505.10	1.49	ppb
Selenium	78-2	499.23	505.78	513.34	506.12	1.40	ppb
Silicon	28-1	541.22	553.35	531.50	542.02	2.02	ppb
Silver	107-1	519.72	528.24	502.15	516.70	2.57	ppb
Silver	109-1	506.27	513.88	496.03	505.39	1.77	ppb
Sodium	23-2	261005.27	260419.13	263712.78	261712.39	0.67	ppb
Strontium	86-1	5036.54	5087.60	4923.72	5015.95	1.67	ppb
Strontium	88-1	5073.27	5040.52	4866.09	4993.29	2.23	ppb
Sulfur	34-1	9820.58	9686.72	8744.66	9417.32	6.23	ppb
Terbium	159-1				104		%
Terbium	159-2				98		%
Thallium	203-1	531.58	518.40	470.57	506.85	6.33	ppb
Thallium	205-1	526.11	511.85	478.42	505.46	4.84	ppb
Tin	118-1	498.05	501.38	481.88	493.77	2.11	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	CCV025	Instrumnet Name :	P8
Client Sample ID :	CCV025	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 12:52:21	DataFile Name :	040CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2548.67	2467.47	2417.50	2477.88	2.67	ppb
Uranium	238-1	522.38	519.42	497.77	513.19	2.62	ppb
Vanadium	51-2	512.42	512.01	496.92	507.12	1.74	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	4915.82	5077.19	4923.11	4972.04	1.83	ppb
Zirconium	90-1	5079.93	5115.51	4934.66	5043.37	1.90	ppb
Zirconium	91-1	5064.60	5026.33	4999.12	5030.02	0.65	ppb

LB Number : LB116249 Operator : Jaswal
 Lab Sample ID : CCB025 Instrumnet Name : P8
 Client Sample ID : CCB025 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-10 13:02:19 DataFile Name : 041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.11	-0.24	0.00	-0.12		ppb
Antimony	121-1	0.05	0.04	0.07	0.05	23.60	ppb
Arsenic	75-2	0.01	-0.01	0.00	0.00		ppb
Barium	135-1	0.05	0.02	0.02	0.03	49.91	ppb
Barium	137-1	0.03	0.03	0.02	0.03	23.54	ppb
Beryllium	9-1	0.01	0.01	0.00	0.00	77.42	ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Boron	10-1	8.99	9.20	9.20	9.13	1.30	ppb
Boron	11-1	10.53	10.22	10.35	10.36	1.48	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.08	-0.07	-0.08	-0.07		ppb
Cadmium	106-1	-6.28	-6.11	-7.11	-6.50		ppb
Cadmium	108-1	0.09	-0.18	0.00	-0.03		ppb
Calcium	43-1	0.39	-2.02	-0.67	-0.77		ppb
Calcium	44-1	-4.68	-4.41	-5.67	-4.92		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	0.01	0.01	0.02	48.89	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	280.40	ppb
Copper	63-2	0.04	0.03	0.08	0.05	59.03	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				103		%
Holmium	165-2				101		%
Indium	115-1				105		%
Indium	115-2				101		%
Iron	54-2	-0.18	-0.37	0.01	-0.18		ppb
Iron	56-2	0.13	0.10	-0.05	0.06	167.56	ppb
Iron	57-2	0.37	-0.23	0.58	0.24	175.77	ppb

LB Number : LB116249 Operator : Jaswal
 Lab Sample ID : CCB025 Instrumnet Name : P8
 Client Sample ID : CCB025 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-10 13:02:19 DataFile Name : 041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.02	0.03	0.03	0.02	26.44	ppb
Lead	207-1	0.02	0.02	0.04	0.03	28.63	ppb
Lead	208-1	0.03	0.04	0.04	0.03	17.83	ppb
Lithium	6-1				106		%
Magnesium	24-2	-0.06	0.21	0.32	0.15	127.70	ppb
Manganese	55-2	0.04	0.04	0.05	0.04	16.54	ppb
Molybdenum	94-1	0.05	0.00	0.02	0.02	90.31	ppb
Molybdenum	95-1	0.02	0.01	0.02	0.02	58.13	ppb
Molybdenum	96-1	0.03	0.03	0.02	0.02	21.62	ppb
Molybdenum	97-1	0.06	0.03	0.02	0.04	63.07	ppb
Molybdenum	98-1	0.02	0.02	0.02	0.02	15.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.02	0.00	0.00		ppb
Phosphorus	31-2	1.49	-14.75	-3.77	-5.67		ppb
Potassium	39-2	4.40	3.46	3.71	3.85	12.70	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				106		%
Scandium	45-2				101		%
Selenium	82-1	0.19	0.39	0.15	0.24	54.13	ppb
Selenium	77-2	0.00	0.62	0.00	0.21	173.21	ppb
Selenium	78-2	0.59	0.48	0.08	0.38	69.34	ppb
Silicon	28-1	0.41	1.53	0.20	0.71	100.30	ppb
Silver	107-1	0.00	0.01	0.01	0.01	72.83	ppb
Silver	109-1	0.01	0.01	0.01	0.01	30.71	ppb
Sodium	23-2	28.85	27.87	30.76	29.16	5.03	ppb
Strontium	86-1	-0.03	-0.01	0.01	-0.01		ppb
Strontium	88-1	0.01	0.00	0.01	0.00	33.46	ppb
Sulfur	34-1	-1133.06	-869.65	-1273.52	-1092.07		ppb
Terbium	159-1				107		%
Terbium	159-2				101		%
Thallium	203-1	0.01	0.01	0.00	0.01	84.13	ppb
Thallium	205-1	0.01	0.02	0.01	0.01	45.03	ppb
Tin	118-1	0.01	-0.03	0.00	0.00		ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	CCB025	Instrumnet Name :	P8
Client Sample ID :	CCB025	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 13:02:19	DataFile Name :	041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.00	0.00	-0.05	-0.02		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	36.90	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				102		%
Zinc	66-2	0.30	0.35	0.34	0.33	7.55	ppb
Zirconium	90-1	0.07	-0.07	0.12	0.04	236.76	ppb
Zirconium	91-1	0.42	0.04	0.13	0.20	103.34	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3654-10A	Instrumnet Name :	P8
Client Sample ID :	EW1X9A	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 13:05:19	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28.96	23.60	25.45	26.01	10.46	ppb
Antimony	121-1	0.02	0.03	0.03	0.03	18.10	ppb
Arsenic	75-2	5.14	4.61	4.66	4.80	6.12	ppb
Barium	135-1	395.75	399.13	389.23	394.70	1.28	ppb
Barium	137-1	395.07	396.82	382.21	391.37	2.04	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	23.48	ppb
Bismuth	209-1				105		%
Bismuth	209-2				101		%
Boron	10-1	53.35	53.25	62.06	56.22	9.00	ppb
Boron	11-1	60.50	62.42	70.16	64.36	7.95	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.08	-0.07	-0.09	-0.08		ppb
Cadmium	106-1	-6.74	-6.48	-6.96	-6.73		ppb
Cadmium	108-1	-0.16	-0.21	0.10	-0.09		ppb
Calcium	43-1	95659.09	95954.09	101244.24	97619.14	3.22	ppb
Calcium	44-1	96189.58	97045.56	98359.66	97198.27	1.12	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.19	1.05	1.10	1.12	6.48	ppb
Cobalt	59-2	0.18	0.18	0.19	0.18	1.85	ppb
Copper	63-2	0.21	0.24	0.18	0.21	13.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				105		%
Indium	115-1				105		%
Indium	115-2				102		%
Iron	54-2	9290.69	8742.77	8946.76	8993.40	3.08	ppb
Iron	56-2	9121.93	8733.90	8931.83	8929.22	2.17	ppb
Iron	57-2	9229.90	8671.34	8908.33	8936.52	3.14	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3654-10A	Instrumnet Name :	P8
Client Sample ID :	EW1X9A	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 13:05:19	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.43	0.36	0.37	0.39	10.28	ppb
Lead	207-1	0.42	0.41	0.40	0.41	2.55	ppb
Lead	208-1	0.42	0.39	0.39	0.40	4.35	ppb
Lithium	6-1				106		%
Magnesium	24-2	24715.44	22984.71	23099.90	23600.02	4.10	ppb
Manganese	55-2	329.68	312.68	317.85	320.07	2.72	ppb
Molybdenum	94-1	0.51	0.53	0.55	0.53	3.36	ppb
Molybdenum	95-1	0.46	0.39	0.43	0.43	8.52	ppb
Molybdenum	96-1	0.48	0.45	0.50	0.48	4.96	ppb
Molybdenum	97-1	0.45	0.42	0.49	0.46	7.38	ppb
Molybdenum	98-1	0.43	0.45	0.44	0.44	2.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.69	0.62	0.70	0.67	6.08	ppb
Phosphorus	31-2	419.48	377.09	377.54	391.37	6.22	ppb
Potassium	39-2	1752.57	1685.09	1729.77	1722.48	1.99	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				107		%
Scandium	45-2				104		%
Selenium	82-1	0.30	0.41	0.52	0.41	26.80	ppb
Selenium	77-2	0.64	0.00	0.00	0.21	173.21	ppb
Selenium	78-2	0.17	0.87	0.68	0.57	63.62	ppb
Silicon	28-1	16507.54	16630.09	17022.20	16719.94	1.61	ppb
Silver	107-1	2.05	2.08	2.11	2.08	1.63	ppb
Silver	109-1	2.04	2.00	2.07	2.04	1.58	ppb
Sodium	23-2	20059.46	18970.64	19252.33	19427.48	2.91	ppb
Strontium	86-1	176.30	174.55	178.60	176.48	1.15	ppb
Strontium	88-1	171.73	169.13	172.77	171.21	1.10	ppb
Sulfur	34-1	-1700.87	-1698.96	-1298.78	-1566.20		ppb
Terbium	159-1				108		%
Terbium	159-2				104		%
Thallium	203-1	0.00	0.00	0.01	0.00	526.98	ppb
Thallium	205-1	0.01	0.00	0.00	0.00	102.68	ppb
Tin	118-1	0.00	-0.01	0.00	-0.01		ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3654-10A	Instrumnet Name :	P8
Client Sample ID :	EW1X9A	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 13:05:19	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2.68	2.73	2.22	2.54	11.17	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	21.55	ppb
Vanadium	51-2	0.14	0.16	0.15	0.15	7.06	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				104		%
Zinc	66-2	5.41	5.09	4.86	5.12	5.37	ppb
Zirconium	90-1	1.15	1.27	1.19	1.20	4.89	ppb
Zirconium	91-1	1.50	1.86	1.51	1.62	12.56	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3654-02DLX2	Instrumnet Name :	P8
Client Sample ID :	EW1Z3	Dilution Factor :	2
Date & Time Acquired ::	2021-09-10 13:08:17	DataFile Name :	043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	88.82	77.67	80.70	82.39	7.00	ppb
Antimony	121-1	0.05	0.05	0.05	0.05	8.25	ppb
Arsenic	75-2	9.26	8.89	9.33	9.16	2.61	ppb
Barium	135-1	42.33	39.12	40.43	40.63	3.98	ppb
Barium	137-1	42.93	39.93	41.15	41.34	3.66	ppb
Beryllium	9-1	0.04	0.03	0.06	0.04	30.90	ppb
Bismuth	209-1				97		%
Bismuth	209-2				96		%
Boron	10-1	98.62	95.83	103.79	99.41	4.07	ppb
Boron	11-1	114.59	112.37	115.61	114.19	1.45	ppb
Bromine	81-1						cps
Cadmium	111-1	0.00	0.01	-0.05	-0.01		ppb
Cadmium	106-1	-2.42	-0.79	-4.56	-2.59		ppb
Cadmium	108-1	0.17	0.13	0.26	0.18	36.34	ppb
Calcium	43-1	268387.27	256775.15	263274.04	262812.15	2.21	ppb
Calcium	44-1	268083.03	255431.02	264060.65	262524.90	2.46	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.58	1.47	1.51	1.52	3.73	ppb
Cobalt	59-2	0.18	0.18	0.17	0.17	1.27	ppb
Copper	63-2	0.19	0.14	0.17	0.17	15.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				106		%
Indium	115-1				105		%
Indium	115-2				101		%
Iron	54-2	50894.79	48116.52	49416.79	49476.03	2.81	ppb
Iron	56-2	50944.95	49012.11	50312.64	50089.90	1.97	ppb
Iron	57-2	50791.71	49307.33	50144.64	50081.22	1.49	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3654-02DLX2	Instrumnet Name :	P8
Client Sample ID :	EW1Z3	Dilution Factor :	2
Date & Time Acquired ::	2021-09-10 13:08:17	DataFile Name :	043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.10	0.12	0.19	0.14	34.52	ppb
Lead	207-1	0.13	0.12	0.19	0.15	26.68	ppb
Lead	208-1	0.12	0.12	0.22	0.15	36.26	ppb
Lithium	6-1				104		%
Magnesium	24-2	44237.49	41757.22	43240.86	43078.53	2.90	ppb
Manganese	55-2	1008.70	958.92	980.12	982.58	2.54	ppb
Molybdenum	94-1	6.07	6.07	5.70	5.95	3.55	ppb
Molybdenum	95-1	0.19	0.19	0.17	0.18	7.81	ppb
Molybdenum	96-1	1.04	1.00	1.04	1.02	2.43	ppb
Molybdenum	97-1	0.13	0.17	0.19	0.16	16.28	ppb
Molybdenum	98-1	0.15	0.15	0.18	0.16	9.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.53	0.41	0.48	0.47	12.74	ppb
Phosphorus	31-2	280.80	244.44	266.46	263.90	6.94	ppb
Potassium	39-2	8493.03	8103.67	8088.83	8228.51	2.79	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				112		%
Scandium	45-2				108		%
Selenium	82-1	-0.02	0.17	0.59	0.25	125.52	ppb
Selenium	77-2	0.00	0.00	1.19	0.40	173.21	ppb
Selenium	78-2	0.19	0.46	0.98	0.54	73.74	ppb
Silicon	28-1	7019.35	6910.53	6844.75	6924.87	1.27	ppb
Silver	107-1	0.02	0.03	0.02	0.02	23.73	ppb
Silver	109-1	0.02	0.02	0.01	0.02	26.80	ppb
Sodium	23-2	446750.00	437442.48	446609.57	443600.68	1.20	ppb
Strontium	86-1	393.41	393.72	381.10	389.41	1.85	ppb
Strontium	88-1	374.35	363.54	374.40	370.76	1.69	ppb
Sulfur	34-1	445803.80	433888.90	430270.71	436654.47	1.86	ppb
Terbium	159-1				107		%
Terbium	159-2				103		%
Thallium	203-1	0.00	0.01	0.00	0.00	235.60	ppb
Thallium	205-1	0.00	-0.01	0.00	0.00		ppb
Tin	118-1	0.04	0.04	0.06	0.05	30.02	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3654-02DLX2	Instrumnet Name :	P8
Client Sample ID :	EW1Z3	Dilution Factor :	2
Date & Time Acquired ::	2021-09-10 13:08:17	DataFile Name :	043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	3.69	4.79	3.67	4.05	15.82	ppb
Uranium	238-1	0.02	0.02	0.03	0.02	39.93	ppb
Vanadium	51-2	2.27	2.27	2.20	2.25	1.84	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				107		%
Zinc	66-2	3.98	3.73	4.04	3.92	4.21	ppb
Zirconium	90-1	38.49	36.70	36.15	37.11	3.30	ppb
Zirconium	91-1	38.80	35.56	34.36	36.24	6.33	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3654-03DLX5	Instrumnet Name :	P8
Client Sample ID :	EW1Z4	Dilution Factor :	5
Date & Time Acquired ::	2021-09-10 13:11:12	DataFile Name :	044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.92	21.67	21.69	21.76	0.64	ppb
Antimony	121-1	0.02	0.02	0.02	0.02	24.22	ppb
Arsenic	75-2	0.42	0.42	0.38	0.41	5.89	ppb
Barium	135-1	15.97	16.87	16.67	16.50	2.86	ppb
Barium	137-1	16.27	16.64	16.64	16.52	1.31	ppb
Beryllium	9-1	0.02	0.01	0.01	0.01	27.23	ppb
Bismuth	209-1				99		%
Bismuth	209-2				97		%
Boron	10-1	48.76	49.64	49.56	49.32	0.98	ppb
Boron	11-1	55.41	58.32	58.74	57.49	3.15	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.02	-0.06	-0.01	-0.03		ppb
Cadmium	106-1	-2.56	-3.75	-1.53	-2.62		ppb
Cadmium	108-1	-0.03	0.13	-0.09	0.01	1751.62	ppb
Calcium	43-1	82088.95	84478.36	82060.91	82876.08	1.67	ppb
Calcium	44-1	82093.52	84037.49	82774.76	82968.59	1.19	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.77	0.80	0.78	0.79	2.21	ppb
Cobalt	59-2	0.14	0.15	0.16	0.15	6.45	ppb
Copper	63-2	0.04	0.04	0.04	0.04	2.76	ppb
Dysprosium	156-1						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				105		%
Indium	115-1				107		%
Indium	115-2				103		%
Iron	54-2	14302.72	14597.36	14363.42	14421.16	1.08	ppb
Iron	56-2	14551.54	14744.10	14592.66	14629.43	0.69	ppb
Iron	57-2	14516.21	14582.55	14754.39	14617.72	0.84	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3654-03DLX5	Instrumnet Name :	P8
Client Sample ID :	EW1Z4	Dilution Factor :	5
Date & Time Acquired ::	2021-09-10 13:11:12	DataFile Name :	044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.03	0.02	0.03	0.03	26.88	ppb
Lead	207-1	0.03	0.02	0.03	0.03	10.87	ppb
Lead	208-1	0.03	0.03	0.03	0.03	11.17	ppb
Lithium	6-1				107		%
Magnesium	24-2	21141.70	21664.80	21755.55	21520.68	1.54	ppb
Manganese	55-2	366.29	372.88	370.69	369.95	0.91	ppb
Molybdenum	94-1	2.66	2.66	2.73	2.68	1.48	ppb
Molybdenum	95-1	0.04	0.03	0.06	0.04	25.85	ppb
Molybdenum	96-1	0.45	0.38	0.38	0.40	10.67	ppb
Molybdenum	97-1	0.02	0.03	0.02	0.02	38.13	ppb
Molybdenum	98-1	0.02	0.02	0.03	0.02	20.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.19	0.21	0.26	0.22	16.72	ppb
Phosphorus	31-2	369.27	361.57	381.09	370.64	2.65	ppb
Potassium	39-2	4685.34	4714.13	4768.24	4722.57	0.89	ppb
Rhodium	103-1				103		%
Rhodium	103-2				100		%
Scandium	45-1				113		%
Scandium	45-2				107		%
Selenium	82-1	-0.34	-0.08	0.51	0.03	1476.81	ppb
Selenium	77-2	1.20	1.19	0.60	1.00	34.40	ppb
Selenium	78-2	0.85	0.56	0.17	0.53	64.34	ppb
Silicon	28-1	1787.47	1818.22	1784.82	1796.84	1.03	ppb
Silver	107-1	0.01	0.01	0.00	0.01	95.05	ppb
Silver	109-1	0.00	0.01	0.01	0.01	26.91	ppb
Sodium	23-2	306028.79	309513.84	311787.51	309110.05	0.94	ppb
Strontium	86-1	150.39	153.60	153.29	152.42	1.16	ppb
Strontium	88-1	146.88	147.54	146.38	146.93	0.40	ppb
Sulfur	34-1	222034.82	228039.95	224968.48	225014.42	1.33	ppb
Terbium	159-1				109		%
Terbium	159-2				104		%
Thallium	203-1	-0.01	0.00	-0.02	-0.01		ppb
Thallium	205-1	0.00	-0.01	0.00	0.00		ppb
Tin	118-1	-0.04	-0.01	-0.02	-0.02		ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3654-03DLX5	Instrumnet Name :	P8
Client Sample ID :	EW1Z4	Dilution Factor :	5
Date & Time Acquired ::	2021-09-10 13:11:12	DataFile Name :	044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2.22	2.29	2.64	2.38	9.27	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	8.50	ppb
Vanadium	51-2	1.55	1.61	1.66	1.61	3.69	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				106		%
Zinc	66-2	0.93	0.81	0.85	0.86	7.24	ppb
Zirconium	90-1	16.80	17.86	16.80	17.15	3.56	ppb
Zirconium	91-1	15.78	17.26	17.28	16.77	5.14	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3654-04DLX2	Instrumnet Name :	P8
Client Sample ID :	EW1W2	Dilution Factor :	2
Date & Time Acquired ::	2021-09-10 13:14:08	DataFile Name :	045AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.98	3.65	3.94	3.52	14.02	ppb
Antimony	121-1	0.01	0.01	0.02	0.02	31.95	ppb
Arsenic	75-2	0.61	0.47	0.47	0.52	15.34	ppb
Barium	135-1	87.24	87.42	89.56	88.07	1.47	ppb
Barium	137-1	88.67	89.04	91.09	89.60	1.45	ppb
Beryllium	9-1	0.00	0.00	0.01	0.00	67.76	ppb
Bismuth	209-1				108		%
Bismuth	209-2				102		%
Boron	10-1	67.92	70.19	74.61	70.91	4.79	ppb
Boron	11-1	78.82	79.83	87.76	82.14	5.96	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.04	-0.06	-0.03	-0.04		ppb
Cadmium	106-1	-3.05	-4.07	-1.85	-2.99		ppb
Cadmium	108-1	0.09	0.11	0.12	0.11	13.74	ppb
Calcium	43-1	59827.39	60890.81	60592.85	60437.02	0.91	ppb
Calcium	44-1	59055.16	60092.38	59616.25	59587.93	0.87	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.49	0.43	0.50	0.47	8.15	ppb
Cobalt	59-2	0.08	0.08	0.07	0.08	9.65	ppb
Copper	63-2	0.08	0.08	0.06	0.07	17.79	ppb
Dysprosium	156-1						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				106		%
Indium	115-1				111		%
Indium	115-2				105		%
Iron	54-2	5004.69	4926.63	4876.40	4935.91	1.31	ppb
Iron	56-2	4892.86	4893.64	4762.95	4849.82	1.55	ppb
Iron	57-2	4906.21	4935.23	4778.61	4873.35	1.71	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3654-04DLX2	Instrumnet Name :	P8
Client Sample ID :	EW1W2	Dilution Factor :	2
Date & Time Acquired ::	2021-09-10 13:14:08	DataFile Name :	045AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.02	0.01	0.03	0.02	56.58	ppb
Lead	207-1	0.01	0.00	0.03	0.01	115.44	ppb
Lead	208-1	0.02	0.03	0.04	0.03	27.18	ppb
Lithium	6-1				112		%
Magnesium	24-2	16772.65	16167.88	16019.66	16320.06	2.44	ppb
Manganese	55-2	170.39	166.74	166.90	168.01	1.23	ppb
Molybdenum	94-1	0.43	0.45	0.36	0.42	11.80	ppb
Molybdenum	95-1	0.08	0.07	0.06	0.07	10.59	ppb
Molybdenum	96-1	0.09	0.15	0.15	0.13	26.88	ppb
Molybdenum	97-1	0.06	0.07	0.08	0.07	13.81	ppb
Molybdenum	98-1	0.08	0.09	0.07	0.08	8.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.23	0.21	0.18	0.21	14.29	ppb
Phosphorus	31-2	123.46	127.13	130.94	127.18	2.94	ppb
Potassium	39-2	2216.57	2198.80	2172.48	2195.95	1.01	ppb
Rhodium	103-1				108		%
Rhodium	103-2				105		%
Scandium	45-1				112		%
Scandium	45-2				107		%
Selenium	82-1	0.40	0.44	0.59	0.48	20.76	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.01	0.13	0.39	0.18	111.60	ppb
Silicon	28-1	4144.33	4256.53	4357.13	4252.66	2.50	ppb
Silver	107-1	0.00	0.00	0.00	0.00	117.77	ppb
Silver	109-1	0.01	0.01	0.00	0.01	41.23	ppb
Sodium	23-2	11293.59	11108.66	10751.17	11051.14	2.50	ppb
Strontium	86-1	96.73	97.71	100.81	98.42	2.17	ppb
Strontium	88-1	93.41	96.04	96.50	95.31	1.75	ppb
Sulfur	34-1	-614.78	-331.29	-141.23	-362.43		ppb
Terbium	159-1				110		%
Terbium	159-2				106		%
Thallium	203-1	-0.01	-0.01	0.00	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.02	-0.01		ppb
Tin	118-1	0.06	0.05	0.05	0.05	12.98	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3654-04DLX2	Instrumnet Name :	P8
Client Sample ID :	EW1W2	Dilution Factor :	2
Date & Time Acquired ::	2021-09-10 13:14:08	DataFile Name :	045AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.80	0.91	0.78	0.83	8.16	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	20.24	ppb
Vanadium	51-2	0.15	0.17	0.16	0.16	4.91	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				107		%
Zinc	66-2	1.66	1.80	1.64	1.70	5.00	ppb
Zirconium	90-1	2.31	2.28	2.22	2.27	2.03	ppb
Zirconium	91-1	2.08	2.45	2.02	2.18	10.73	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3623-20A	Instrumnet Name :	P8
Client Sample ID :	MEW1W1A	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 13:17:03	DataFile Name :	046AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	81.34	82.25	81.12	81.57	0.73	ppb
Antimony	121-1	0.04	0.04	0.02	0.04	25.73	ppb
Arsenic	75-2	0.42	0.37	0.34	0.37	10.33	ppb
Barium	135-1	197.32	200.58	194.59	197.50	1.52	ppb
Barium	137-1	201.27	200.74	199.08	200.37	0.57	ppb
Beryllium	9-1	0.02	0.02	0.02	0.02	13.73	ppb
Bismuth	209-1				97		%
Bismuth	209-2				93		%
Boron	10-1	163.14	159.90	166.46	163.16	2.01	ppb
Boron	11-1	183.96	187.91	195.94	189.27	3.22	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.01	0.00	0.00	0.00		ppb
Cadmium	106-1	-1.86	-1.20	-1.20	-1.42		ppb
Cadmium	108-1	0.02	0.00	-0.08	-0.02		ppb
Calcium	43-1	278139.16	275068.91	262374.42	271860.83	3.07	ppb
Calcium	44-1	276776.48	275128.97	266586.87	272830.77	2.00	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.67	0.70	0.67	0.68	3.00	ppb
Cobalt	59-2	0.33	0.30	0.30	0.31	4.99	ppb
Copper	63-2	0.30	0.28	0.25	0.28	10.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	54-2	18604.32	18547.28	18146.66	18432.75	1.35	ppb
Iron	56-2	18542.30	18362.43	18290.77	18398.50	0.70	ppb
Iron	57-2	18488.72	18518.63	18304.41	18437.25	0.63	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3623-20A	Instrumnet Name :	P8
Client Sample ID :	MEW1W1A	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 13:17:03	DataFile Name :	046AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.19	0.18	0.18	0.18	4.36	ppb
Lead	207-1	0.19	0.22	0.19	0.20	8.62	ppb
Lead	208-1	0.20	0.19	0.19	0.20	3.85	ppb
Lithium	6-1				102		%
Magnesium	24-2	73024.19	71395.87	72291.54	72237.20	1.13	ppb
Manganese	55-2	657.18	658.40	648.69	654.75	0.81	ppb
Molybdenum	94-1	1.71	1.77	1.87	1.78	4.44	ppb
Molybdenum	95-1	0.08	0.09	0.11	0.09	16.41	ppb
Molybdenum	96-1	0.34	0.37	0.34	0.35	3.99	ppb
Molybdenum	97-1	0.07	0.08	0.06	0.07	15.94	ppb
Molybdenum	98-1	0.07	0.08	0.08	0.08	9.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.60	0.57	0.63	0.60	4.88	ppb
Phosphorus	31-2	384.73	316.87	328.09	343.23	10.60	ppb
Potassium	39-2	6180.85	6280.95	6188.89	6216.89	0.89	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				112		%
Scandium	45-2				107		%
Selenium	82-1	0.59	0.59	0.71	0.63	11.19	ppb
Selenium	77-2	0.00	0.60	1.19	0.60	99.57	ppb
Selenium	78-2	-0.08	0.13	0.36	0.14	161.54	ppb
Silicon	28-1	6737.36	6769.85	6325.35	6610.85	3.75	ppb
Silver	107-1	2.04	2.11	2.01	2.06	2.45	ppb
Silver	109-1	1.94	1.99	1.94	1.95	1.47	ppb
Sodium	23-2	382743.02	381616.14	377711.43	380690.20	0.69	ppb
Strontium	86-1	387.26	387.04	384.67	386.32	0.37	ppb
Strontium	88-1	380.37	382.96	372.25	378.52	1.48	ppb
Sulfur	34-1	277488.93	272004.74	259674.87	269722.84	3.38	ppb
Terbium	159-1				107		%
Terbium	159-2				103		%
Thallium	203-1	0.01	0.00	-0.01	0.00		ppb
Thallium	205-1	-0.01	-0.01	0.00	-0.01		ppb
Tin	118-1	0.07	0.09	0.03	0.06	44.32	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3623-20A	Instrumnet Name :	P8
Client Sample ID :	MEW1W1A	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 13:17:03	DataFile Name :	046AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2.23	2.04	2.07	2.11	4.60	ppb
Uranium	238-1	0.05	0.06	0.06	0.05	15.31	ppb
Vanadium	51-2	0.81	0.74	0.72	0.76	6.66	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				106		%
Zinc	66-2	9.90	10.41	9.97	10.09	2.74	ppb
Zirconium	90-1	11.46	10.84	10.26	10.85	5.50	ppb
Zirconium	91-1	11.27	11.10	10.42	10.93	4.14	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3652-20A	Instrumnet Name :	P8
Client Sample ID :	MEW1Y6A	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 13:20:06	DataFile Name :	047AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	41.13	38.31	40.61	40.01	3.75	ppb
Antimony	121-1	0.09	0.10	0.09	0.09	5.80	ppb
Arsenic	75-2	2.42	2.35	2.38	2.39	1.41	ppb
Barium	135-1	92.68	91.71	92.41	92.27	0.55	ppb
Barium	137-1	91.75	93.65	93.09	92.83	1.05	ppb
Beryllium	9-1	0.03	0.04	0.04	0.04	11.71	ppb
Bismuth	209-1				109		%
Bismuth	209-2				106		%
Boron	10-1	111.15	110.43	119.10	113.56	4.24	ppb
Boron	11-1	125.48	126.60	138.10	130.06	5.37	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.04	-0.01	-0.04	-0.03		ppb
Cadmium	106-1	-4.62	-1.95	-4.09	-3.55		ppb
Cadmium	108-1	-0.07	-0.15	-0.08	-0.10		ppb
Calcium	43-1	152303.47	154059.19	147646.65	151336.43	2.19	ppb
Calcium	44-1	153156.32	150416.29	152352.78	151975.13	0.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.75	0.80	0.84	0.80	5.65	ppb
Cobalt	59-2	0.21	0.22	0.20	0.21	3.61	ppb
Copper	63-2	0.11	0.13	0.13	0.12	10.87	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				115		%
Holmium	165-2				112		%
Indium	115-1				116		%
Indium	115-2				112		%
Iron	54-2	11634.80	11633.31	11581.80	11616.64	0.26	ppb
Iron	56-2	11967.37	11831.75	11627.45	11808.86	1.45	ppb
Iron	57-2	11707.14	11528.63	11858.85	11698.21	1.41	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3652-20A	Instrumnet Name :	P8
Client Sample ID :	MEW1Y6A	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 13:20:06	DataFile Name :	047AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.09	0.06	0.08	0.08	16.06	ppb
Lead	207-1	0.11	0.07	0.05	0.08	37.66	ppb
Lead	208-1	0.09	0.08	0.07	0.08	12.61	ppb
Lithium	6-1				114		%
Magnesium	24-2	28074.68	27495.99	28581.57	28050.74	1.94	ppb
Manganese	55-2	733.12	727.57	725.70	728.80	0.53	ppb
Molybdenum	94-1	2.08	2.09	2.05	2.07	1.10	ppb
Molybdenum	95-1	0.76	0.76	0.74	0.75	1.24	ppb
Molybdenum	96-1	0.92	0.95	0.92	0.93	2.08	ppb
Molybdenum	97-1	0.73	0.82	0.77	0.78	5.84	ppb
Molybdenum	98-1	0.71	0.72	0.71	0.71	0.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.61	0.61	0.65	0.62	3.38	ppb
Phosphorus	31-2	184.29	128.38	129.07	147.25	21.79	ppb
Potassium	39-2	8881.13	8539.84	8879.48	8766.82	2.24	ppb
Rhodium	103-1				111		%
Rhodium	103-2				110		%
Scandium	45-1				120		%
Scandium	45-2				117		%
Selenium	82-1	0.38	0.79	0.94	0.71	40.91	ppb
Selenium	77-2	0.55	0.55	0.55	0.55	0.14	ppb
Selenium	78-2	0.68	0.77	0.10	0.51	70.29	ppb
Silicon	28-1	6500.30	6720.86	6480.58	6567.25	2.03	ppb
Silver	107-1	2.05	2.16	2.17	2.13	3.17	ppb
Silver	109-1	2.05	2.18	2.13	2.12	3.08	ppb
Sodium	23-2	40588.33	40241.74	41552.21	40794.09	1.66	ppb
Strontium	86-1	397.64	378.48	392.35	389.49	2.54	ppb
Strontium	88-1	385.60	368.64	383.66	379.30	2.45	ppb
Sulfur	34-1	30305.22	31967.41	30348.91	30873.85	3.07	ppb
Terbium	159-1				117		%
Terbium	159-2				114		%
Thallium	203-1	0.00	-0.01	-0.02	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	-0.03	-0.06	-0.07	-0.05		ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3652-20A	Instrumnet Name :	P8
Client Sample ID :	MEW1Y6A	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 13:20:06	DataFile Name :	047AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.88	1.71	1.64	1.74	6.86	ppb
Uranium	238-1	0.27	0.27	0.27	0.27	1.50	ppb
Vanadium	51-2	1.51	1.57	1.48	1.52	3.27	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				116		%
Yttrium	89-2				115		%
Zinc	66-2	5.18	4.79	4.85	4.94	4.25	ppb
Zirconium	90-1	10.08	9.52	9.70	9.77	2.97	ppb
Zirconium	91-1	9.84	8.88	10.52	9.75	8.44	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	CCV026	Instrumnet Name :	P8
Client Sample ID :	CCV026	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 13:22:59	DataFile Name :	048CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50509.07	49822.18	51964.22	50765.16	2.15	ppb
Antimony	121-1	496.12	507.31	487.37	496.93	2.01	ppb
Arsenic	75-2	489.76	494.54	502.15	495.48	1.26	ppb
Barium	135-1	2534.23	2565.79	2480.23	2526.75	1.71	ppb
Barium	137-1	2510.16	2583.10	2468.00	2520.42	2.31	ppb
Beryllium	9-1	507.31	512.37	504.71	508.13	0.77	ppb
Bismuth	209-1				99		%
Bismuth	209-2				96		%
Boron	10-1	485.82	519.88	527.62	511.11	4.35	ppb
Boron	11-1	490.77	528.10	524.03	514.30	3.98	ppb
Bromine	81-1						cps
Cadmium	111-1	519.28	522.87	504.81	515.65	1.85	ppb
Cadmium	106-1	513.48	535.27	506.20	518.32	2.92	ppb
Cadmium	108-1	518.99	530.01	505.42	518.14	2.38	ppb
Calcium	43-1	252234.96	249963.43	250296.57	250831.65	0.49	ppb
Calcium	44-1	249886.21	248902.78	246545.03	248444.68	0.69	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	467.62	477.34	481.10	475.35	1.46	ppb
Cobalt	59-2	458.31	454.84	473.30	462.15	2.12	ppb
Copper	63-2	4751.43	4846.41	4920.17	4839.34	1.75	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				110		%
Indium	115-1				107		%
Indium	115-2				104		%
Iron	54-2	122318.95	123069.42	127241.01	124209.79	2.13	ppb
Iron	56-2	128334.34	126129.13	129127.89	127863.79	1.22	ppb
Iron	57-2	122453.38	122585.45	125568.59	123535.81	1.43	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	CCV026	Instrumnet Name :	P8
Client Sample ID :	CCV026	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 13:22:59	DataFile Name :	048CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2616.73	2579.30	2561.44	2585.82	1.09	ppb
Lead	207-1	2620.35	2637.28	2582.75	2613.46	1.07	ppb
Lead	208-1	2605.28	2612.55	2562.83	2593.55	1.04	ppb
Lithium	6-1				106		%
Magnesium	24-2	250819.62	254172.42	258161.09	254384.38	1.44	ppb
Manganese	55-2	4916.13	4996.79	5085.03	4999.31	1.69	ppb
Molybdenum	94-1	2491.31	2633.86	2481.56	2535.57	3.36	ppb
Molybdenum	95-1	2511.56	2577.07	2468.46	2519.03	2.17	ppb
Molybdenum	96-1	2509.06	2560.65	2501.74	2523.82	1.27	ppb
Molybdenum	97-1	2469.53	2569.88	2435.52	2491.64	2.80	ppb
Molybdenum	98-1	2518.49	2561.64	2417.82	2499.32	2.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	450.35	451.66	462.85	454.95	1.51	ppb
Phosphorus	31-2	9120.93	9138.84	9428.10	9229.29	1.87	ppb
Potassium	39-2	123271.27	126180.96	126890.80	125447.67	1.53	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				114		%
Scandium	45-2				113		%
Selenium	82-1	498.11	519.01	490.18	502.43	2.96	ppb
Selenium	77-2	495.29	475.76	473.82	481.62	2.47	ppb
Selenium	78-2	472.09	482.94	490.32	481.78	1.90	ppb
Silicon	28-1	522.48	529.27	527.52	526.42	0.67	ppb
Silver	107-1	527.03	534.18	517.50	526.24	1.59	ppb
Silver	109-1	516.32	525.76	501.33	514.47	2.39	ppb
Sodium	23-2	253672.20	256996.69	262952.29	257873.73	1.82	ppb
Strontium	86-1	5082.09	5159.04	4906.18	5049.10	2.57	ppb
Strontium	88-1	5008.02	5149.32	4918.96	5025.44	2.31	ppb
Sulfur	34-1	8827.14	8834.73	8514.96	8725.61	2.09	ppb
Terbium	159-1				111		%
Terbium	159-2				108		%
Thallium	203-1	511.15	510.87	506.92	509.65	0.46	ppb
Thallium	205-1	517.75	513.68	503.50	511.64	1.43	ppb
Tin	118-1	506.52	520.79	490.34	505.88	3.01	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	CCV026	Instrumnet Name :	P8
Client Sample ID :	CCV026	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 13:22:59	DataFile Name :	048CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2521.11	2533.84	2400.52	2485.16	2.96	ppb
Uranium	238-1	513.62	530.97	500.90	515.16	2.93	ppb
Vanadium	51-2	469.43	467.99	478.58	472.00	1.22	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				112		%
Zinc	66-2	4691.63	4764.10	4717.31	4724.35	0.78	ppb
Zirconium	90-1	4996.14	5205.43	4993.83	5065.13	2.40	ppb
Zirconium	91-1	5094.36	5267.22	4955.49	5105.69	3.06	ppb

LB Number : LB116249 Operator : Jaswal
 Lab Sample ID : CCB026 Instrumnet Name : P8
 Client Sample ID : CCB026 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-10 13:30:02 DataFile Name : 049CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.38	0.26	0.45	0.36	26.35	ppb
Antimony	121-1	0.07	0.09	0.10	0.09	20.21	ppb
Arsenic	75-2	-0.02	0.00	0.00	0.00		ppb
Barium	135-1	0.01	0.04	0.05	0.03	51.62	ppb
Barium	137-1	0.03	0.04	0.02	0.03	21.66	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	26.21	ppb
Bismuth	209-1				108		%
Bismuth	209-2				99		%
Boron	10-1	13.28	13.24	13.81	13.45	2.38	ppb
Boron	11-1	15.24	15.17	15.48	15.30	1.07	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.06	-0.07	-0.05	-0.06		ppb
Cadmium	106-1	-7.00	-6.22	-5.12	-6.11		ppb
Cadmium	108-1	-0.11	0.12	0.10	0.04	335.12	ppb
Calcium	43-1	0.93	1.87	2.66	1.82	47.70	ppb
Calcium	44-1	-4.61	-4.67	-2.21	-3.83		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	0.01	0.01	0.00	3069.13	ppb
Cobalt	59-2	0.01	0.02	0.01	0.01	38.58	ppb
Copper	63-2	0.11	0.14	0.11	0.12	16.27	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				109		%
Holmium	165-2				101		%
Indium	115-1				109		%
Indium	115-2				100		%
Iron	54-2	1.15	2.14	1.42	1.57	32.60	ppb
Iron	56-2	1.39	1.32	1.28	1.33	4.26	ppb
Iron	57-2	1.42	0.58	0.71	0.90	50.20	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	CCB026	Instrumnet Name :	P8
Client Sample ID :	CCB026	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 13:30:02	DataFile Name :	049CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.08	0.07	0.06	0.07	14.86	ppb
Lead	207-1	0.08	0.07	0.08	0.08	8.45	ppb
Lead	208-1	0.08	0.07	0.08	0.08	6.56	ppb
Lithium	6-1				109		%
Magnesium	24-2	1.95	2.25	2.36	2.19	9.63	ppb
Manganese	55-2	0.13	0.14	0.11	0.13	9.86	ppb
Molybdenum	94-1	0.07	0.07	0.06	0.06	9.94	ppb
Molybdenum	95-1	0.06	0.04	0.06	0.05	24.10	ppb
Molybdenum	96-1	0.05	0.06	0.04	0.05	18.95	ppb
Molybdenum	97-1	0.04	0.06	0.04	0.05	26.51	ppb
Molybdenum	98-1	0.06	0.05	0.04	0.05	19.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.02	-0.01	-0.01		ppb
Phosphorus	31-2	-4.44	-3.71	-20.71	-9.62		ppb
Potassium	39-2	9.62	10.62	5.90	8.72	28.55	ppb
Rhodium	103-1				107		%
Rhodium	103-2				101		%
Scandium	45-1				111		%
Scandium	45-2				102		%
Selenium	82-1	0.47	0.19	0.35	0.34	41.68	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.22	0.56	0.23	0.34	56.51	ppb
Silicon	28-1	-0.59	-0.71	1.82	0.17	825.52	ppb
Silver	107-1	0.03	0.03	0.02	0.02	27.35	ppb
Silver	109-1	0.02	0.02	0.02	0.02	16.12	ppb
Sodium	23-2	43.16	45.08	43.50	43.91	2.34	ppb
Strontium	86-1	0.04	-0.03	-0.01	0.00	3663.58	ppb
Strontium	88-1	0.05	0.04	0.04	0.04	9.14	ppb
Sulfur	34-1	-1991.76	-1816.76	-1215.46	-1674.66		ppb
Terbium	159-1				109		%
Terbium	159-2				101		%
Thallium	203-1	0.02	0.01	0.03	0.02	38.47	ppb
Thallium	205-1	0.03	0.02	0.03	0.02	30.77	ppb
Tin	118-1	-0.02	-0.01	0.02	0.00		ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	CCB026	Instrumnet Name :	P8
Client Sample ID :	CCB026	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 13:30:02	DataFile Name :	049CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.01	-0.04	-0.05	-0.04		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	5.92	ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	73.66	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				103		%
Zinc	66-2	0.32	0.44	0.31	0.36	21.21	ppb
Zirconium	90-1	0.12	0.07	0.11	0.10	30.72	ppb
Zirconium	91-1	0.19	0.06	0.31	0.19	65.79	ppb

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P8
Client Sample ID :	TUNE033	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 09:09:32	DataFile Name :	001SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	219	181	190	197	9.97	cps
Antimony	121-1	2825	2542	2650	2673	5.35	cps
Arsenic	75-2	122	130	122	125	3.70	cps
Barium	135-1	483	442	500	475	6.33	cps
Barium	137-1	758	708	667	711	6.45	cps
Beryllium	9-1	2154	2128	1976	2086	4.61	cps
Bismuth	209-1	18188527	18827949	18401426	18472634	1.76	cps
Bismuth	209-2	8057010	8136250	8602700	8265320	3.57	cps
Boron	10-1	580	630	682	631	8.09	cps
Boron	11-1	2834	2776	2906	2838	2.29	cps
Bromine	81-1	8151	7860	8211	8074	2.32	cps
Cadmium	111-1	1589	1739	1620	1649	4.80	cps
Cadmium	106-1	18154	18788	18605	18516	1.76	cps
Cadmium	108-1	2342	2367	2338	2349	0.67	cps
Calcium	43-1	761	777	727	755	3.38	cps
Calcium	44-1	29293	29867	30371	29844	1.81	cps
Carbon	12-1	6192366	6104223	6114195	6136928	0.79	cps
Carbon	12-2	65730	67020	71299	68016	4.29	cps
Chlorine	35-1	3102293	3040262	2876974	3006509	3.87	cps
Chlorine	35-2	19030	17836	17461	18109	4.52	cps
Chromium	52-2	1127	1073	1160	1120	3.90	cps
Cobalt	59-2	587	653	600	613	5.75	cps
Copper	63-2	1660	1560	1517	1579	4.66	cps
Dysprosium	156-1	42	8	33	28	62.46	cps
Dysprosium	156-2	7	7	0	4	86.60	cps
Erbium	164-1	192	133	167	164	17.86	cps
Erbium	164-2	60	83	57	67	21.79	cps
Gadolinium	160-1	267	300	258	275	8.02	cps
Gadolinium	160-2	70	67	93	77	18.95	cps
Holmium	165-1	28560636	29386960	30008639	29318745	2.48	cps
Holmium	165-2	11403282	11276381	11747518	11475727	2.12	cps
Indium	115-1	24320576	25702747	25315736	25113020	2.84	cps
Indium	115-2	3249481	3206193	3378909	3278194	2.74	cps
Iron	54-2	700	606	633	646	7.51	cps
Iron	56-2	7797	7780	7786	7787	0.11	cps
Iron	57-2	239	128	178	181	30.66	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P8
Client Sample ID :	TUNE033	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 09:09:32	DataFile Name :	001SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	673	600	557	610	9.67	cps
Lead	206-1	3150	2989	3223	3121	3.83	cps
Lead	207-1	2467	2661	2617	2582	3.95	cps
Lead	208-1	11958	12547	12386	12297	2.48	cps
Lithium	6-1	15606747	14969298	15484817	15353621	2.20	cps
Magnesium	24-2	1183	1125	1142	1150	2.61	cps
Manganese	55-2	283	257	253	264	6.22	cps
Molybdenum	94-1	2067	2192	1959	2072	5.64	cps
Molybdenum	95-1	2434	2150	2025	2203	9.50	cps
Molybdenum	96-1	2884	2809	2867	2853	1.38	cps
Molybdenum	97-1	1283	1283	1342	1303	2.59	cps
Molybdenum	98-1	3692	3734	3501	3642	3.42	cps
Neodymium	150-1	7	20	13	13	49.99	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	310	343	357	337	7.14	cps
Phosphorus	31-2	133	150	275	186	41.60	cps
Potassium	39-2	11472	11863	11246	11527	2.71	cps
Rhodium	103-1	23163278	23585711	24799645	23849545	3.56	cps
Rhodium	103-2	9935152	9947702	10114398	9999084	1.00	cps
Scandium	45-1	18214950	18223230	18781194	18406458	1.76	cps
Scandium	45-2	569381	566255	580977	572204	1.36	cps
Selenium	82-1	-33	45	78	30	190.79	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	19	26	28	24	19.42	cps
Silicon	28-1	376073	378268	375276	376539	0.41	cps
Silver	107-1	250	258	292	267	8.27	cps
Silver	109-1	92	92	75	86	11.18	cps
Sodium	23-2	29923	30282	29898	30034	0.72	cps
Strontium	86-1	1775	1683	1550	1670	6.78	cps
Strontium	88-1	5626	6076	5535	5746	5.05	cps
Sulfur	34-1	558267	544586	544101	548985	1.47	cps
Terbium	159-1	30328435	30142905	31115550	30528963	1.69	cps
Terbium	159-2	11197300	11057808	11656069	11303725	2.77	cps
Thallium	203-1	6068	5977	5876	5974	1.61	cps
Thallium	205-1	15568	15168	14058	14931	5.24	cps
Tin	118-1	3726	3717	3684	3709	0.59	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P8
Client Sample ID :	TUNE033	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 09:09:32	DataFile Name :	001SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	500	492	508	500	1.67	cps
Uranium	238-1	3626	3967	3276	3623	9.55	cps
Vanadium	51-2	250	257	213	240	9.72	cps
Ytterbium	172-1	658	608	592	619	5.60	cps
Ytterbium	172-2	239	278	250	256	7.84	cps
Ytterbium	176-1	4951	4968	5260	5059	3.43	cps
Ytterbium	176-2	3128	3139	3334	3200	3.61	cps
Yttrium	89-1	43164093	42803636	44542121	43503283	2.11	cps
Yttrium	89-2	4064376	4052175	4181284	4099278	1.74	cps
Zinc	66-2	610	603	623	612	1.66	cps
Zirconium	90-1	2659	2550	2342	2517	6.40	cps
Zirconium	91-1	608	625	408	547	22.03	cps

LB Number : LB116249 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P8
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-10 09:46:28 DataFile Name : 005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	154	150	164	156	4.56	cps
Antimony	121-1	42	50	17	36	48.03	cps
Arsenic	75-2	4	11	6	7	51.51	cps
Barium	135-1	108	33	83	75	50.92	cps
Barium	137-1	50	92	133	92	45.46	cps
Beryllium	9-1	30	22	32	28	18.88	cps
Bismuth	209-1	18572266	18190208	18568670	18443715	1.19	cps
Bismuth	209-2	8825242	8487684	8385973	8566300	2.68	cps
Boron	10-1	524	572	580	559	5.42	cps
Boron	11-1	2690	2688	2562	2646	2.77	cps
Bromine	81-1	7700	8762	8622	8361	6.90	cps
Cadmium	111-1	1513	1555	1389	1486	5.80	cps
Cadmium	106-1	15476	15476	14658	15203	3.10	cps
Cadmium	108-1	79	67	133	93	38.08	cps
Calcium	43-1	500	520	561	527	5.93	cps
Calcium	44-1	28049	27572	27345	27655	1.30	cps
Carbon	12-1	6280883	6252373	6468801	6334019	1.86	cps
Carbon	12-2	66133	66928	67505	66855	1.03	cps
Chlorine	35-1	366485	356995	359346	360942	1.37	cps
Chlorine	35-2	2200	2192	2409	2267	5.42	cps
Chromium	52-2	820	970	873	888	8.56	cps
Cobalt	59-2	80	107	113	100	17.64	cps
Copper	63-2	977	847	897	907	7.23	cps
Dysprosium	156-1	25	8	8	14	69.31	cps
Dysprosium	156-2	0	7	7	4	86.60	cps
Erbium	164-1	183	192	283	219	25.28	cps
Erbium	164-2	87	73	87	82	9.37	cps
Gadolinium	160-1	225	258	217	233	9.45	cps
Gadolinium	160-2	147	87	103	112	27.60	cps
Holmium	165-1	29808822	28679330	29612552	29366901	2.05	cps
Holmium	165-2	11776297	11911528	11610662	11766162	1.28	cps
Indium	115-1	25355849	25445317	25398989	25400052	0.18	cps
Indium	115-2	3471382	3436904	3432913	3447066	0.61	cps
Iron	54-2	444	528	394	456	14.79	cps
Iron	56-2	3717	3789	3701	3736	1.27	cps
Iron	57-2	67	156	94	106	43.08	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 09:46:28	DataFile Name :	005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	707	687	680	691	2.01	cps
Lead	206-1	900	700	889	830	13.55	cps
Lead	207-1	706	644	717	689	5.65	cps
Lead	208-1	3256	2789	3095	3046	7.78	cps
Lithium	6-1	16647927	15900498	16369748	16306058	2.32	cps
Magnesium	24-2	325	375	433	378	14.35	cps
Manganese	55-2	87	90	97	91	5.59	cps
Molybdenum	94-1	742	833	842	806	6.89	cps
Molybdenum	95-1	25	50	75	50	50.00	cps
Molybdenum	96-1	225	117	275	206	39.38	cps
Molybdenum	97-1	25	33	42	33	25.01	cps
Molybdenum	98-1	58	67	58	61	7.88	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	107	40	47	64	56.97	cps
Phosphorus	31-2	208	258	158	208	24.00	cps
Potassium	39-2	12539	12389	13031	12653	2.66	cps
Rhodium	103-1	24791464	24261201	23862866	24305177	1.92	cps
Rhodium	103-2	10459554	10442051	10400167	10433924	0.29	cps
Scandium	45-1	18894342	18751061	18660355	18768586	0.63	cps
Scandium	45-2	610548	595867	610710	605708	1.41	cps
Selenium	82-1	-47	-52	-33	-44	-21.97	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	26	29	15	23	31.59	cps
Silicon	28-1	357917	357646	366226	360597	1.35	cps
Silver	107-1	208	292	283	261	17.58	cps
Silver	109-1	33	58	67	53	32.87	cps
Sodium	23-2	30065	29956	30341	30121	0.66	cps
Strontium	86-1	1150	983	1133	1089	8.43	cps
Strontium	88-1	825	725	683	744	9.78	cps
Sulfur	34-1	580149	585163	578953	581422	0.57	cps
Terbium	159-1	30517540	30616450	30051080	30395023	0.99	cps
Terbium	159-2	11756053	11579753	11683898	11673235	0.76	cps
Thallium	203-1	417	375	483	425	12.86	cps
Thallium	205-1	1067	975	1025	1022	4.49	cps
Tin	118-1	1967	1725	1850	1847	6.54	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 09:46:28	DataFile Name :	005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	242	300	342	294	17.06	cps
Uranium	238-1	8	25	33	22	57.29	cps
Vanadium	51-2	13	7	17	12	41.65	cps
Ytterbium	172-1	83	108	83	92	15.74	cps
Ytterbium	172-2	33	56	61	50	29.40	cps
Ytterbium	176-1	3892	4251	4234	4126	4.90	cps
Ytterbium	176-2	5207	4912	4429	4849	8.10	cps
Yttrium	89-1	44378309	44578188	44795603	44584033	0.47	cps
Yttrium	89-2	4321846	4333382	4293114	4316114	0.48	cps
Zinc	66-2	413	340	393	382	9.92	cps
Zirconium	90-1	2617	2375	2642	2545	5.79	cps
Zirconium	91-1	558	325	492	458	26.22	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 09:49:33	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2082	2047	1952	2027	3.32	cps
Antimony	121-1	20215	19765	19473	19818	1.89	cps
Arsenic	75-2	284	299	297	293	2.78	cps
Barium	135-1	24882	24915	25366	25054	1.08	cps
Barium	137-1	41790	41798	42091	41893	0.41	cps
Beryllium	9-1	4352	4288	4328	4322	0.75	cps
Bismuth	209-1	18286406	18733646	18107066	18375706	1.76	cps
Bismuth	209-2	8578199	8288363	8461842	8442801	1.73	cps
Boron	10-1	11686	12263	12973	12307	5.24	cps
Boron	11-1	51422	55977	58689	55363	6.63	cps
Bromine	81-1	8051	7590	8021	7887	3.27	cps
Cadmium	111-1	4145	4557	4230	4311	5.04	cps
Cadmium	106-1	15292	16052	14900	15415	3.80	cps
Cadmium	108-1	317	367	300	328	10.59	cps
Calcium	43-1	19995	19944	19963	19967	0.13	cps
Calcium	44-1	344645	340928	342146	342573	0.55	cps
Carbon	12-1	6640117	6753298	6877923	6757113	1.76	cps
Carbon	12-2	72086	71173	70930	71396	0.85	cps
Chlorine	35-1	363555	366956	360474	363662	0.89	cps
Chlorine	35-2	2375	2159	2075	2203	7.03	cps
Chromium	52-2	7349	7412	7159	7306	1.81	cps
Cobalt	59-2	5685	5891	5658	5745	2.22	cps
Copper	63-2	8743	8539	8639	8640	1.18	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Dysprosium	156-2	17	10	10	12	31.50	cps
Erbium	164-1	175	200	192	189	6.74	cps
Erbium	164-2	73	53	63	63	15.79	cps
Gadolinium	160-1	183	217	208	203	8.55	cps
Gadolinium	160-2	83	77	40	67	35.00	cps
Holmium	165-1	30094900	30716414	28759748	29857020	3.35	cps
Holmium	165-2	11764807	11771679	11623481	11719989	0.71	cps
Indium	115-1	25732704	26185268	24905817	25607930	2.53	cps
Indium	115-2	3395360	3332464	3431634	3386486	1.48	cps
Iron	54-2	7485	7558	7141	7395	3.01	cps
Iron	56-2	131019	129404	128256	129559	1.07	cps
Iron	57-2	3284	3245	3189	3239	1.47	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 09:49:33	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	717	593	667	659	9.42	cps
Lead	206-1	8219	8303	8014	8179	1.82	cps
Lead	207-1	7163	7130	6891	7061	2.10	cps
Lead	208-1	32700	33306	32650	32886	1.11	cps
Lithium	6-1	16726368	16673831	15758749	16386316	3.32	cps
Magnesium	24-2	137251	135840	135939	136343	0.58	cps
Manganese	55-2	1783	1680	1510	1658	8.33	cps
Molybdenum	94-1	22928	24213	23454	23532	2.75	cps
Molybdenum	95-1	28864	27586	27845	28099	2.40	cps
Molybdenum	96-1	30593	30918	31278	30930	1.11	cps
Molybdenum	97-1	16694	16710	16018	16474	2.40	cps
Molybdenum	98-1	42792	42842	43569	43068	1.01	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1493	1637	1643	1591	5.33	cps
Phosphorus	31-2	250	233	175	219	17.95	cps
Potassium	39-2	97143	95860	95852	96285	0.77	cps
Rhodium	103-1	24086775	25008919	23912588	24336094	2.42	cps
Rhodium	103-2	10182082	10230022	10507739	10306614	1.71	cps
Scandium	45-1	18989371	19024346	18509285	18841001	1.53	cps
Scandium	45-2	593937	601493	599454	598295	0.65	cps
Selenium	82-1	985	1088	1017	1030	5.14	cps
Selenium	77-2	13	13	33	20	57.74	cps
Selenium	78-2	114	107	110	110	3.18	cps
Silicon	28-1	467143	476339	472139	471874	0.98	cps
Silver	107-1	13157	13899	12990	13348	3.63	cps
Silver	109-1	12406	12456	12414	12425	0.22	cps
Sodium	23-2	298194	292980	296399	295858	0.90	cps
Strontium	86-1	4901	4884	4576	4787	3.82	cps
Strontium	88-1	35680	34050	33416	34382	3.40	cps
Sulfur	34-1	579796	573359	574950	576035	0.58	cps
Terbium	159-1	30658195	30604830	30192550	30485191	0.84	cps
Terbium	159-2	11793171	11554005	11607601	11651592	1.08	cps
Thallium	203-1	9937	9671	9829	9812	1.37	cps
Thallium	205-1	22695	22962	22395	22684	1.25	cps
Tin	118-1	45777	44640	45735	45384	1.42	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 09:49:33	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	9570	9053	9262	9295	2.80	cps
Uranium	238-1	27932	28174	28666	28257	1.33	cps
Vanadium	51-2	12596	12539	12442	12526	0.62	cps
Ytterbium	172-1	100	58	100	86	27.93	cps
Ytterbium	172-2	39	50	17	35	48.23	cps
Ytterbium	176-1	3901	3876	3609	3795	4.26	cps
Ytterbium	176-2	4412	3828	3617	3953	10.41	cps
Yttrium	89-1	44812066	45554731	43502419	44623072	2.33	cps
Yttrium	89-2	4338592	4249750	4275602	4287981	1.07	cps
Zinc	66-2	1573	1400	1500	1491	5.84	cps
Zirconium	90-1	20691	20115	20240	20349	1.49	cps
Zirconium	91-1	4618	4451	4901	4656	4.89	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 09:52:37	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	88021	89158	86712	87964	1.39	cps
Antimony	121-1	492035	484233	486249	487506	0.83	cps
Arsenic	75-2	13567	13806	13603	13659	0.94	cps
Barium	135-1	596884	615603	614887	609125	1.74	cps
Barium	137-1	1056051	1059115	1064196	1059787	0.39	cps
Beryllium	9-1	209158	207336	207220	207905	0.52	cps
Bismuth	209-1	18612821	19009557	18772520	18798299	1.06	cps
Bismuth	209-2	8368469	8505799	8522751	8465673	1.00	cps
Boron	10-1	24395	25337	26435	25389	4.02	cps
Boron	11-1	110587	117486	120268	116114	4.29	cps
Bromine	81-1	8151	7830	7830	7937	2.33	cps
Cadmium	111-1	128809	129869	130068	129582	0.52	cps
Cadmium	106-1	30376	30100	30268	30248	0.46	cps
Cadmium	108-1	10896	10850	10784	10843	0.52	cps
Calcium	43-1	206322	202582	204757	204554	0.92	cps
Calcium	44-1	3116437	3141822	3113688	3123982	0.50	cps
Carbon	12-1	6607784	6648244	6571228	6609085	0.58	cps
Carbon	12-2	68694	66334	71374	68801	3.67	cps
Chlorine	35-1	304974	299396	299459	301276	1.06	cps
Chlorine	35-2	2025	1800	1892	1906	5.94	cps
Chromium	52-2	154391	156132	153640	154721	0.83	cps
Cobalt	59-2	272629	278484	276707	275940	1.09	cps
Copper	63-2	2097857	2076224	2121128	2098403	1.07	cps
Dysprosium	156-1	33	108	50	64	61.65	cps
Dysprosium	156-2	7	23	30	20	60.08	cps
Erbium	164-1	225	267	217	236	11.35	cps
Erbium	164-2	60	113	70	81	34.95	cps
Gadolinium	160-1	233	200	292	242	19.20	cps
Gadolinium	160-2	113	77	87	92	20.55	cps
Holmium	165-1	28720587	29988236	30315389	29674737	2.84	cps
Holmium	165-2	11725962	11721307	12142958	11863409	2.04	cps
Indium	115-1	25538482	25738071	25902513	25726355	0.71	cps
Indium	115-2	3337421	3431999	3441018	3403479	1.69	cps
Iron	54-2	338367	341836	341538	340580	0.56	cps
Iron	56-2	5969486	5986577	5908557	5954873	0.69	cps
Iron	57-2	151880	153181	150857	151973	0.77	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 09:52:37	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	610	550	620	593	6.38	cps
Lead	206-1	1963898	1899130	1953593	1938874	1.79	cps
Lead	207-1	1653270	1639414	1637534	1643406	0.52	cps
Lead	208-1	7635832	7541467	7650900	7609399	0.78	cps
Lithium	6-1	16453796	16619549	16288511	16453952	1.01	cps
Magnesium	24-2	1312234	1340276	1320578	1324363	1.09	cps
Manganese	55-2	743060	743091	743749	743300	0.05	cps
Molybdenum	94-1	1116442	1107142	1109249	1110944	0.44	cps
Molybdenum	95-1	1336641	1331836	1328183	1332220	0.32	cps
Molybdenum	96-1	1443210	1443259	1440114	1442194	0.12	cps
Molybdenum	97-1	838201	830591	829575	832789	0.57	cps
Molybdenum	98-1	2057137	2061116	2087984	2068746	0.81	cps
Neodymium	150-1	7	73	53	44	76.97	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	89895	88718	88322	88978	0.92	cps
Phosphorus	31-2	4926	4526	4701	4718	4.25	cps
Potassium	39-2	436801	440222	437415	438146	0.42	cps
Rhodium	103-1	24255963	24580135	24670763	24502287	0.89	cps
Rhodium	103-2	10323487	10379548	10403107	10368714	0.39	cps
Scandium	45-1	19192256	19464600	19162616	19273157	0.86	cps
Scandium	45-2	597953	601720	599720	599798	0.31	cps
Selenium	82-1	10494	10578	10554	10542	0.41	cps
Selenium	77-2	267	183	340	263	29.77	cps
Selenium	78-2	988	944	995	976	2.83	cps
Silicon	28-1	936853	969304	989480	965213	2.75	cps
Silver	107-1	685756	698106	681438	688434	1.26	cps
Silver	109-1	655512	669753	652571	659279	1.39	cps
Sodium	23-2	2509012	2478319	2478414	2488582	0.71	cps
Strontium	86-1	1727330	1719255	1744946	1730510	0.76	cps
Strontium	88-1	14947134	14719265	14892094	14852831	0.80	cps
Sulfur	34-1	647596	641460	635125	641393	0.97	cps
Terbium	159-1	32036245	31826740	30705592	31522859	2.27	cps
Terbium	159-2	11575976	11785049	11938301	11766442	1.55	cps
Thallium	203-1	470085	461509	475626	469073	1.52	cps
Thallium	205-1	1130595	1129650	1147084	1135776	0.86	cps
Tin	118-1	442832	431640	438315	437596	1.29	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 09:52:37	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	459849	452015	451045	454303	1.06	cps
Uranium	238-1	1431363	1453859	1427261	1437494	1.00	cps
Vanadium	51-2	123084	123487	124257	123609	0.48	cps
Ytterbium	172-1	83	117	67	89	28.64	cps
Ytterbium	172-2	78	39	44	54	39.16	cps
Ytterbium	176-1	5910	5918	5776	5868	1.36	cps
Ytterbium	176-2	4134	4506	4290	4310	4.34	cps
Yttrium	89-1	45985229	45693593	45972089	45883637	0.36	cps
Yttrium	89-2	4330368	4290451	4347647	4322822	0.68	cps
Zinc	66-2	247095	249628	249200	248641	0.55	cps
Zirconium	90-1	943077	934245	963629	946984	1.59	cps
Zirconium	91-1	209409	208968	210609	209662	0.40	cps

LB Number : LB116249 Operator : Jaswal
 Lab Sample ID : S04 Instrumnet Name : P8
 Client Sample ID : S04 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-10 09:55:42 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	224077	224413	222911	223800	0.35	cps
Antimony	121-1	1242036	1248691	1243085	1244604	0.29	cps
Arsenic	75-2	34185	34278	34070	34178	0.30	cps
Barium	135-1	1526004	1562256	1531660	1539974	1.27	cps
Barium	137-1	2585177	2620304	2555753	2587078	1.25	cps
Beryllium	9-1	519014	528949	523491	523818	0.95	cps
Bismuth	209-1	19136910	19082869	18491547	18903775	1.89	cps
Bismuth	209-2	8599664	8608751	8805707	8671374	1.34	cps
Boron	10-1	59833	63100	66235	63056	5.08	cps
Boron	11-1	266385	292165	297536	285362	5.84	cps
Bromine	81-1	8612	7810	8812	8411	6.30	cps
Cadmium	111-1	322686	332809	326936	327477	1.55	cps
Cadmium	106-1	52560	54450	53304	53438	1.78	cps
Cadmium	108-1	26764	26588	26551	26634	0.43	cps
Calcium	43-1	516597	517414	515044	516352	0.23	cps
Calcium	44-1	7619822	7798229	7783845	7733966	1.28	cps
Carbon	12-1	6602431	6871399	6880128	6784653	2.33	cps
Carbon	12-2	71684	73451	72697	72611	1.22	cps
Chlorine	35-1	304524	298468	302040	301677	1.01	cps
Chlorine	35-2	2009	2184	1900	2031	7.04	cps
Chromium	52-2	393464	393997	392778	393413	0.16	cps
Cobalt	59-2	693742	703808	704063	700538	0.84	cps
Copper	63-2	5155523	5184037	5139190	5159583	0.44	cps
Dysprosium	156-1	50	67	50	56	17.32	cps
Dysprosium	156-2	40	43	27	37	24.04	cps
Erbium	164-1	267	333	200	267	25.00	cps
Erbium	164-2	97	73	100	90	16.15	cps
Gadolinium	160-1	267	308	292	289	7.26	cps
Gadolinium	160-2	133	127	130	130	2.57	cps
Holmium	165-1	30644335	30301047	29831306	30258896	1.35	cps
Holmium	165-2	12072637	12006195	12307540	12128791	1.31	cps
Indium	115-1	25879362	25752221	25783517	25805033	0.26	cps
Indium	115-2	3374716	3411424	3438530	3408223	0.94	cps
Iron	54-2	854017	854926	859336	856093	0.33	cps
Iron	56-2	15098929	15033173	14942536	15024879	0.52	cps
Iron	57-2	380966	384736	379873	381858	0.67	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 09:55:42	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	647	700	737	694	6.52	cps
Lead	206-1	4740815	4912842	4702840	4785499	2.34	cps
Lead	207-1	4124968	4307166	4167919	4200018	2.27	cps
Lead	208-1	18979710	19631075	19041675	19217487	1.87	cps
Lithium	6-1	16195471	16622469	16416280	16411407	1.30	cps
Magnesium	24-2	3294084	3294673	3190158	3259638	1.85	cps
Manganese	55-2	1865761	1853615	1844900	1854759	0.56	cps
Molybdenum	94-1	2691941	2746312	2657691	2698648	1.66	cps
Molybdenum	95-1	3276365	3295440	3260706	3277504	0.53	cps
Molybdenum	96-1	3682576	3644473	3558595	3628548	1.75	cps
Molybdenum	97-1	2035526	2036042	1962593	2011387	2.10	cps
Molybdenum	98-1	5152450	5295885	5160263	5202866	1.55	cps
Neodymium	150-1	53	120	113	96	38.43	cps
Neodymium	150-2	3	10	20	11	75.52	cps
Nickel	60-2	189302	189069	190144	189505	0.30	cps
Phosphorus	31-2	11538	11830	11430	11599	1.78	cps
Potassium	39-2	1080660	1092383	1086764	1086602	0.54	cps
Rhodium	103-1	24248090	24603396	23744289	24198592	1.78	cps
Rhodium	103-2	10226364	10357950	10400412	10328242	0.88	cps
Scandium	45-1	18976234	18928895	18991279	18965470	0.17	cps
Scandium	45-2	607294	604314	608969	606859	0.39	cps
Selenium	82-1	26686	26486	26218	26463	0.89	cps
Selenium	77-2	660	627	647	644	2.60	cps
Selenium	78-2	2379	2433	2332	2382	2.12	cps
Silicon	28-1	1344596	1367034	1389273	1366968	1.63	cps
Silver	107-1	1664550	1669607	1768272	1700810	3.44	cps
Silver	109-1	1644065	1620871	1613979	1626305	0.97	cps
Sodium	23-2	6116847	6256441	6122553	6165280	1.28	cps
Strontium	86-1	4225592	4318969	4185111	4243224	1.62	cps
Strontium	88-1	36814631	36500300	36225773	36513568	0.81	cps
Sulfur	34-1	752211	736974	736375	741853	1.21	cps
Terbium	159-1	31492157	31264997	31764708	31507287	0.79	cps
Terbium	159-2	11932736	11970181	12255771	12052896	1.47	cps
Thallium	203-1	1157006	1201143	1196073	1184741	2.04	cps
Thallium	205-1	2764202	2765447	2786082	2771910	0.44	cps
Tin	118-1	1113902	1113019	1113052	1113324	0.04	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 09:55:42	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1135678	1157325	1146306	1146436	0.94	cps
Uranium	238-1	3638621	3621411	3558256	3606096	1.17	cps
Vanadium	51-2	312538	312952	314062	313184	0.25	cps
Ytterbium	172-1	167	75	42	94	68.54	cps
Ytterbium	172-2	22	50	33	35	39.74	cps
Ytterbium	176-1	8803	8561	8370	8578	2.53	cps
Ytterbium	176-2	5412	5318	5240	5323	1.62	cps
Yttrium	89-1	44709008	45053983	44497686	44753559	0.63	cps
Yttrium	89-2	4368988	4369621	4414666	4384425	0.60	cps
Zinc	66-2	628389	619853	616497	621580	0.99	cps
Zirconium	90-1	2334763	2308742	2271825	2305110	1.37	cps
Zirconium	91-1	534496	534788	525488	531591	0.99	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 09:58:45	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	443730	440437	436005	440057	0.88	cps
Antimony	121-1	2343161	2362447	2380040	2361883	0.78	cps
Arsenic	75-2	68473	68204	68230	68303	0.22	cps
Barium	135-1	2867498	2928461	3020534	2938831	2.62	cps
Barium	137-1	4868117	5078967	5142241	5029775	2.85	cps
Beryllium	9-1	1013251	1013400	1025645	1017432	0.70	cps
Bismuth	209-1	18460823	19739021	19660198	19286681	3.71	cps
Bismuth	209-2	8549814	8494011	8379074	8474300	1.03	cps
Boron	10-1	119413	130159	129561	126377	4.78	cps
Boron	11-1	544330	568207	582078	564872	3.38	cps
Bromine	81-1	7740	7820	7830	7797	0.63	cps
Cadmium	111-1	640466	641756	641405	641209	0.10	cps
Cadmium	106-1	87160	89240	88308	88236	1.18	cps
Cadmium	108-1	50827	53169	53767	52588	2.95	cps
Calcium	43-1	1011514	1009837	1024023	1015125	0.76	cps
Calcium	44-1	15139714	15255480	15158640	15184612	0.41	cps
Carbon	12-1	7310838	7446525	7640154	7465839	2.22	cps
Carbon	12-2	81861	82583	80713	81719	1.15	cps
Chlorine	35-1	281831	284754	282624	283070	0.53	cps
Chlorine	35-2	1892	1767	1675	1778	6.12	cps
Chromium	52-2	776868	773290	772533	774230	0.30	cps
Cobalt	59-2	1383096	1376226	1366744	1375355	0.60	cps
Copper	63-2	10237305	10087527	10004437	10109756	1.17	cps
Dysprosium	156-1	117	125	175	139	22.72	cps
Dysprosium	156-2	30	57	50	46	30.47	cps
Erbium	164-1	258	292	275	275	6.06	cps
Erbium	164-2	80	80	93	84	9.11	cps
Gadolinium	160-1	333	300	350	328	7.77	cps
Gadolinium	160-2	137	100	130	122	15.98	cps
Holmium	165-1	30166781	31618255	31114636	30966557	2.38	cps
Holmium	165-2	11909957	12080302	12111206	12033822	0.90	cps
Indium	115-1	25690701	26653340	26223786	26189276	1.84	cps
Indium	115-2	3365684	3383202	3486564	3411817	1.91	cps
Iron	54-2	1671669	1681831	1657422	1670307	0.73	cps
Iron	56-2	30223027	29523184	29811365	29852525	1.18	cps
Iron	57-2	764147	760011	752525	758895	0.78	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 09:58:45	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	707	687	607	667	7.94	cps
Lead	206-1	9061268	9696241	9471654	9409721	3.42	cps
Lead	207-1	7997733	8121006	8274831	8131190	1.71	cps
Lead	208-1	36581291	37695506	38235520	37504106	2.25	cps
Lithium	6-1	16009122	16478040	15979660	16155607	1.73	cps
Magnesium	24-2	6390358	6392153	6254954	6345822	1.24	cps
Manganese	55-2	3664190	3659040	3598499	3640576	1.00	cps
Molybdenum	94-1	5381493	5244110	5275174	5300259	1.36	cps
Molybdenum	95-1	6484760	6354022	6422235	6420339	1.02	cps
Molybdenum	96-1	7073094	7164673	7142220	7126662	0.67	cps
Molybdenum	97-1	3886019	3975539	3988088	3949882	1.41	cps
Molybdenum	98-1	10242343	10426649	10342521	10337171	0.89	cps
Neodymium	150-1	167	153	140	153	8.70	cps
Neodymium	150-2	20	10	13	14	35.26	cps
Nickel	60-2	368837	369625	370841	369768	0.27	cps
Phosphorus	31-2	22852	23328	21942	22707	3.10	cps
Potassium	39-2	2091942	2038245	2038756	2056314	1.50	cps
Rhodium	103-1	24288056	25163354	24835503	24762304	1.79	cps
Rhodium	103-2	10330908	10029160	10451170	10270413	2.12	cps
Scandium	45-1	19067642	19941668	19380448	19463253	2.28	cps
Scandium	45-2	603741	592698	614541	603660	1.81	cps
Selenium	82-1	51713	51108	52380	51734	1.23	cps
Selenium	77-2	1333	1477	1160	1323	11.98	cps
Selenium	78-2	4515	4596	4522	4545	0.99	cps
Silicon	28-1	2430185	2486076	2558625	2491629	2.58	cps
Silver	107-1	3205712	3367145	3323277	3298711	2.53	cps
Silver	109-1	3121755	3189542	3151040	3154112	1.08	cps
Sodium	23-2	12214840	12297017	11886950	12132936	1.79	cps
Strontium	86-1	8257546	8468539	8411276	8379120	1.30	cps
Strontium	88-1	71264264	72063416	72062356	71796679	0.64	cps
Sulfur	34-1	911535	909729	900479	907248	0.65	cps
Terbium	159-1	31661135	33784395	32015410	32486980	3.50	cps
Terbium	159-2	11739465	11816200	12071552	11875739	1.46	cps
Thallium	203-1	2229077	2425332	2342766	2332392	4.22	cps
Thallium	205-1	5267380	5685854	5492270	5481835	3.82	cps
Tin	118-1	2139164	2087162	2133322	2119883	1.34	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 09:58:45	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2144993	2161093	2119229	2141772	0.99	cps
Uranium	238-1	6890885	7095278	7245665	7077276	2.52	cps
Vanadium	51-2	623481	618508	620414	620801	0.40	cps
Ytterbium	172-1	50	108	100	86	36.64	cps
Ytterbium	172-2	61	22	50	44	45.07	cps
Ytterbium	176-1	12932	13174	13991	13365	4.15	cps
Ytterbium	176-2	6985	7169	7035	7063	1.34	cps
Yttrium	89-1	45368983	46969221	46381324	46239843	1.75	cps
Yttrium	89-2	4341222	4256059	4395106	4330796	1.62	cps
Zinc	66-2	1229677	1229128	1209348	1222718	0.95	cps
Zirconium	90-1	4578428	4491576	4449036	4506347	1.46	cps
Zirconium	91-1	1042554	1047594	1065578	1051908	1.15	cps

LB Number : LB116249 Operator : Jaswal
 Lab Sample ID : S06 Instrumnet Name : P8
 Client Sample ID : S06 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-10 10:01:51 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	898106	891197	888182	892495	0.57	cps
Antimony	121-1	4805907	4891015	4813678	4836867	0.97	cps
Arsenic	75-2	137912	137159	137395	137488	0.28	cps
Barium	135-1	5939726	5903744	6069492	5970987	1.46	cps
Barium	137-1	9922349	10227750	10562647	10237582	3.13	cps
Beryllium	9-1	1923339	1943144	1914115	1926866	0.77	cps
Bismuth	209-1	18355497	18558683	18541972	18485384	0.61	cps
Bismuth	209-2	8667137	8351676	8335926	8451579	2.21	cps
Boron	10-1	241489	252777	255451	249906	2.97	cps
Boron	11-1	951619	1013321	1050360	1005100	4.96	cps
Bromine	81-1	8041	8381	8531	8318	3.02	cps
Cadmium	111-1	1296446	1260788	1291357	1282864	1.50	cps
Cadmium	106-1	162907	166699	165673	165093	1.19	cps
Cadmium	108-1	104194	105978	105852	105342	0.95	cps
Calcium	43-1	1977921	2023606	2047405	2016311	1.75	cps
Calcium	44-1	30844225	31061287	31603577	31169697	1.25	cps
Carbon	12-1	8445960	8760488	8901349	8702599	2.68	cps
Carbon	12-2	95317	98454	99351	97708	2.17	cps
Chlorine	35-1	289980	294165	292932	292359	0.74	cps
Chlorine	35-2	2092	2000	2242	2111	5.78	cps
Chromium	52-2	1550905	1533325	1555825	1546685	0.76	cps
Cobalt	59-2	2736052	2693501	2679873	2703142	1.08	cps
Copper	63-2	20320140	20686382	20194602	20400375	1.25	cps
Dysprosium	156-1	375	300	383	353	13.01	cps
Dysprosium	156-2	133	93	100	109	19.69	cps
Erbium	164-1	308	250	275	278	10.53	cps
Erbium	164-2	110	127	87	108	18.64	cps
Gadolinium	160-1	367	550	450	456	20.15	cps
Gadolinium	160-2	227	213	170	203	14.57	cps
Holmium	165-1	30172043	30034198	30287734	30164658	0.42	cps
Holmium	165-2	12510876	12476223	12241171	12409423	1.18	cps
Indium	115-1	25572287	25966786	25221671	25586915	1.46	cps
Indium	115-2	3510640	3448361	3464696	3474566	0.93	cps
Iron	54-2	3393679	3394880	3336484	3375014	0.99	cps
Iron	56-2	60307590	60297178	59904278	60169682	0.38	cps
Iron	57-2	1501942	1500929	1508187	1503686	0.26	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 10:01:51	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	687	703	683	691	1.55	cps
Lead	206-1	18864716	18842222	19531563	19079500	2.05	cps
Lead	207-1	16267947	16310878	16628176	16402334	1.20	cps
Lead	208-1	75483166	75421784	77466119	76123690	1.53	cps
Lithium	6-1	15938316	15686858	15530294	15718489	1.31	cps
Magnesium	24-2	13093206	12992206	12818282	12967898	1.07	cps
Manganese	55-2	7275992	7329613	7293434	7299680	0.37	cps
Molybdenum	94-1	10597900	10608446	11135692	10780679	2.85	cps
Molybdenum	95-1	13127323	12875981	13124005	13042436	1.11	cps
Molybdenum	96-1	14695570	14436658	14739699	14623976	1.12	cps
Molybdenum	97-1	8120019	7985619	8069985	8058541	0.84	cps
Molybdenum	98-1	21024446	20672745	20888207	20861799	0.85	cps
Neodymium	150-1	307	340	313	320	5.51	cps
Neodymium	150-2	17	30	27	24	28.38	cps
Nickel	60-2	749513	744891	743176	745860	0.44	cps
Phosphorus	31-2	47194	46559	45623	46458	1.70	cps
Potassium	39-2	4161818	4078803	4161434	4134018	1.16	cps
Rhodium	103-1	24076214	24198318	23563307	23945946	1.41	cps
Rhodium	103-2	10604319	10482955	10479542	10522272	0.68	cps
Scandium	45-1	19255960	19224101	19067446	19182502	0.53	cps
Scandium	45-2	640155	623734	620223	628037	1.69	cps
Selenium	82-1	104494	105306	104980	104927	0.39	cps
Selenium	77-2	2604	2610	2654	2622	1.04	cps
Selenium	78-2	9311	9336	9227	9291	0.62	cps
Silicon	28-1	4591097	4827276	5018558	4812310	4.45	cps
Silver	107-1	6480206	6601803	6711195	6597735	1.75	cps
Silver	109-1	6417317	6383639	6518047	6439668	1.09	cps
Sodium	23-2	24612853	24585263	24946520	24714879	0.81	cps
Strontium	86-1	17136474	17318109	17482765	17312449	1.00	cps
Strontium	88-1	150958978	149309891	148976041	149748303	0.71	cps
Sulfur	34-1	1047683	1064383	1063880	1058649	0.90	cps
Terbium	159-1	31024018	32812255	31833776	31890016	2.81	cps
Terbium	159-2	12612969	12166244	12414735	12397982	1.81	cps
Thallium	203-1	4625106	4746457	4842917	4738160	2.30	cps
Thallium	205-1	10879242	11106316	11326397	11103985	2.01	cps
Tin	118-1	4269493	4395844	4329409	4331582	1.46	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 10:01:51	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4201901	4238856	4272856	4237871	0.84	cps
Uranium	238-1	14167079	14510915	14478627	14385541	1.32	cps
Vanadium	51-2	1265405	1268459	1256397	1263421	0.50	cps
Ytterbium	172-1	67	50	67	61	15.75	cps
Ytterbium	172-2	44	11	17	24	74.19	cps
Ytterbium	176-1	23321	23688	23847	23619	1.14	cps
Ytterbium	176-2	11394	10949	11249	11197	2.03	cps
Yttrium	89-1	44367093	46095149	46155229	45539157	2.23	cps
Yttrium	89-2	4624693	4554012	4494202	4557636	1.43	cps
Zinc	66-2	2417121	2409358	2345297	2390592	1.65	cps
Zirconium	90-1	8916333	9194930	9276319	9129194	2.07	cps
Zirconium	91-1	2040427	2016654	2091252	2049444	1.86	cps

LB Number : LB116249 Operator : Jaswal
 Lab Sample ID : S07 Instrumnet Name : P8
 Client Sample ID : S07 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-10 10:04:53 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1788381	1765733	1712858	1755657	2.21	cps
Antimony	121-1	9369723	9460308	9438589	9422873	0.50	cps
Arsenic	75-2	279131	280116	281322	280189	0.39	cps
Barium	135-1	11807348	11831076	11858636	11832353	0.22	cps
Barium	137-1	20277365	20490016	20498675	20422019	0.61	cps
Beryllium	9-1	3784105	3801706	3693699	3759837	1.54	cps
Bismuth	209-1	18180006	18381159	18266198	18275787	0.55	cps
Bismuth	209-2	7799343	8034342	8047883	7960523	1.76	cps
Boron	10-1	484676	514601	520525	506601	3.79	cps
Boron	11-1	1918971	1999992	2091231	2003398	4.30	cps
Bromine	81-1	9994	8561	8261	8939	10.36	cps
Cadmium	111-1	2483273	2448243	2478903	2470139	0.77	cps
Cadmium	106-1	309265	301680	316679	309208	2.43	cps
Cadmium	108-1	204881	201935	206548	204455	1.14	cps
Calcium	43-1	3987226	3922826	3925368	3945140	0.92	cps
Calcium	44-1	62028628	61995178	62836914	62286907	0.77	cps
Carbon	12-1	10197595	10630388	10941971	10589985	3.53	cps
Carbon	12-2	119828	119375	122240	120481	1.28	cps
Chlorine	35-1	306878	297907	302572	302453	1.48	cps
Chlorine	35-2	2125	1667	2075	1956	12.86	cps
Chromium	52-2	3043153	3173212	3115992	3110785	2.10	cps
Cobalt	59-2	5481817	5432939	5368353	5427703	1.05	cps
Copper	63-2	40303472	40570881	40701911	40525421	0.50	cps
Dysprosium	156-1	533	517	483	511	4.98	cps
Dysprosium	156-2	190	177	213	193	9.60	cps
Erbium	164-1	308	350	250	303	16.59	cps
Erbium	164-2	93	100	103	99	5.15	cps
Gadolinium	160-1	625	792	792	736	13.07	cps
Gadolinium	160-2	247	297	243	262	11.39	cps
Holmium	165-1	31417661	30903931	30545683	30955758	1.42	cps
Holmium	165-2	12002648	11837697	11686986	11842444	1.33	cps
Indium	115-1	25814788	26803012	25497861	26038554	2.61	cps
Indium	115-2	3202897	3356056	3376836	3311930	2.87	cps
Iron	54-2	6620783	6731459	6818365	6723536	1.47	cps
Iron	56-2	121817292	124649156	121760786	122742411	1.35	cps
Iron	57-2	3013945	3089677	3067977	3057200	1.28	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 10:04:53	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	743	620	687	683	9.03	cps
Lead	206-1	36845430	36853497	37739983	37146303	1.38	cps
Lead	207-1	32313535	31605928	32137410	32018958	1.15	cps
Lead	208-1	147813531	146071168	150099144	147994614	1.36	cps
Lithium	6-1	16364272	16480169	15547978	16130806	3.15	cps
Magnesium	24-2	26075157	26252847	26178028	26168677	0.34	cps
Manganese	55-2	14996498	14969040	14785695	14917078	0.77	cps
Molybdenum	94-1	21317715	21632897	21544562	21498392	0.76	cps
Molybdenum	95-1	26330108	26269516	26056099	26218574	0.55	cps
Molybdenum	96-1	29319956	29336917	29086948	29247940	0.48	cps
Molybdenum	97-1	16213484	16383818	16116345	16237882	0.83	cps
Molybdenum	98-1	42593899	42319845	41929353	42281032	0.79	cps
Neodymium	150-1	407	580	600	529	20.10	cps
Neodymium	150-2	20	33	67	40	60.10	cps
Nickel	60-2	1484937	1491954	1477627	1484839	0.48	cps
Phosphorus	31-2	94173	91581	93359	93038	1.42	cps
Potassium	39-2	8385123	8205485	8202774	8264461	1.26	cps
Rhodium	103-1	24321534	24395577	23845751	24187620	1.23	cps
Rhodium	103-2	9684635	10216090	9974901	9958542	2.67	cps
Scandium	45-1	19559671	19901417	19784226	19748438	0.88	cps
Scandium	45-2	607785	614363	613080	611743	0.57	cps
Selenium	82-1	205257	206014	206862	206044	0.39	cps
Selenium	77-2	5518	5208	5394	5373	2.91	cps
Selenium	78-2	18594	18468	18637	18566	0.47	cps
Silicon	28-1	8076003	8093419	8486867	8218763	2.83	cps
Silver	107-1	12831039	12795217	12956974	12861077	0.66	cps
Silver	109-1	12515553	12351699	12474647	12447300	0.69	cps
Sodium	23-2	51383516	50345999	50490644	50740053	1.11	cps
Strontium	86-1	34952789	34291317	34957336	34733814	1.10	cps
Strontium	88-1	302753915	300653398	301747882	301718398	0.35	cps
Sulfur	34-1	1618251	1627876	1648890	1631672	0.96	cps
Terbium	159-1	32253197	33019965	31531633	32268265	2.31	cps
Terbium	159-2	11668879	11612874	11677529	11653094	0.30	cps
Thallium	203-1	9193522	9328193	9091055	9204257	1.29	cps
Thallium	205-1	21631555	21751031	21697251	21693279	0.28	cps
Tin	118-1	8476887	8616730	8375303	8489640	1.43	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 10:04:53	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	8744089	8670549	8918942	8777860	1.45	cps
Uranium	238-1	28031795	28167141	28897167	28365368	1.64	cps
Vanadium	51-2	2478283	2540245	2496177	2504902	1.27	cps
Ytterbium	172-1	100	75	75	83	17.32	cps
Ytterbium	172-2	44	61	50	52	16.36	cps
Ytterbium	176-1	42586	43523	43247	43119	1.12	cps
Ytterbium	176-2	18068	18419	19220	18569	3.18	cps
Yttrium	89-1	47907691	46838158	45933851	46893233	2.11	cps
Yttrium	89-2	4288619	4431861	4410238	4376906	1.76	cps
Zinc	66-2	4659771	4679487	4790740	4709999	1.50	cps
Zirconium	90-1	18522642	18424767	18489447	18478952	0.27	cps
Zirconium	91-1	4183968	4150058	4182313	4172113	0.46	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 10:07:59	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7931918	8158599	7988511	8026343	1.47	cps
Antimony	121-1	6093	6210	6752	6352	5.53	cps
Arsenic	75-2	85	84	80	83	3.19	cps
Barium	135-1	5159	4851	4501	4837	6.81	cps
Barium	137-1	8828	8703	8361	8631	2.80	cps
Beryllium	9-1	488	382	346	405	18.21	cps
Bismuth	209-1	16203537	16184834	15772989	16053787	1.52	cps
Bismuth	209-2	7570217	7482403	7514454	7522358	0.59	cps
Boron	10-1	52563	47715	45072	48450	7.84	cps
Boron	11-1	237256	218655	199122	218344	8.73	cps
Bromine	81-1	8341	9313	9142	8932	5.81	cps
Cadmium	111-1	1835	1776	1761	1791	2.18	cps
Cadmium	106-1	13323	13449	13324	13365	0.54	cps
Cadmium	108-1	175	200	138	171	18.41	cps
Calcium	43-1	17666907	17714714	17570035	17650552	0.42	cps
Calcium	44-1	287047969	290646470	287896163	288530201	0.65	cps
Carbon	12-1	7240159	7342211	7284425	7288932	0.70	cps
Carbon	12-2	88843	88843	86421	88036	1.59	cps
Chlorine	35-1	265534	262119	260897	262850	0.91	cps
Chlorine	35-2	1667	1600	1875	1714	8.37	cps
Chromium	52-2	6205	6351	6458	6338	2.01	cps
Cobalt	59-2	12542	12245	12085	12291	1.89	cps
Copper	63-2	8506	8289	8049	8281	2.76	cps
Dysprosium	156-1	1667	1934	1558	1720	11.22	cps
Dysprosium	156-2	733	783	663	727	8.30	cps
Erbium	164-1	483	375	442	433	12.61	cps
Erbium	164-2	210	210	183	201	7.65	cps
Gadolinium	160-1	1825	2050	1850	1909	6.46	cps
Gadolinium	160-2	943	937	903	928	2.31	cps
Holmium	165-1	29442237	28916678	28587100	28982005	1.49	cps
Holmium	165-2	11874769	12150051	12200239	12075020	1.45	cps
Indium	115-1	24344847	24322206	23241206	23969420	2.63	cps
Indium	115-2	3342848	3290469	3433429	3355582	2.16	cps
Iron	54-2	30680584	31562732	31140163	31127826	1.42	cps
Iron	56-2	554396968	562018490	566372435	560929298	1.08	cps
Iron	57-2	13999689	14076039	14087937	14054555	0.34	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 10:07:59	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	750	693	753	732	4.61	cps
Lead	206-1	17673	16856	16761	17097	2.93	cps
Lead	207-1	15521	15042	14753	15105	2.57	cps
Lead	208-1	70030	68455	68350	68945	1.36	cps
Lithium	6-1	14728659	14620066	14596017	14648247	0.48	cps
Magnesium	24-2	121525465	122766265	123194824	122495518	0.71	cps
Manganese	55-2	10764	10864	10674	10767	0.88	cps
Molybdenum	94-1	7119	6885	6127	6710	7.73	cps
Molybdenum	95-1	7769	7511	6693	7324	7.67	cps
Molybdenum	96-1	11255	11347	9887	10830	7.55	cps
Molybdenum	97-1	4167	4242	3884	4098	4.61	cps
Molybdenum	98-1	11480	10404	9729	10538	8.38	cps
Neodymium	150-1	40	27	47	38	26.95	cps
Neodymium	150-2	10	13	7	10	33.30	cps
Nickel	60-2	3557	3627	3540	3575	1.29	cps
Phosphorus	31-2	275	233	242	250	8.82	cps
Potassium	39-2	40544674	40689447	41271699	40835273	0.94	cps
Rhodium	103-1	21597376	21427177	20967979	21330844	1.53	cps
Rhodium	103-2	9438860	9443131	9580860	9487617	0.85	cps
Scandium	45-1	18726824	18564708	18475981	18589171	0.68	cps
Scandium	45-2	614383	617909	629708	620667	1.29	cps
Selenium	82-1	7	27	-5	10	166.02	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	39	47	42	43	9.47	cps
Silicon	28-1	1080516	1163745	1159425	1134562	4.13	cps
Silver	107-1	4451	4284	3859	4198	7.27	cps
Silver	109-1	3992	3967	3926	3962	0.85	cps
Sodium	23-2	233416614	241063805	232863072	235781164	1.94	cps
Strontium	86-1	15584	15008	15084	15225	2.06	cps
Strontium	88-1	123840	123906	116946	121564	3.29	cps
Sulfur	34-1	469106	479845	485567	478173	1.75	cps
Terbium	159-1	30607479	30025046	30315254	30315926	0.96	cps
Terbium	159-2	11979397	11727731	11978959	11895362	1.22	cps
Thallium	203-1	2209	1633	1642	1828	18.03	cps
Thallium	205-1	4584	4101	3834	4173	9.11	cps
Tin	118-1	3684	3434	3492	3537	3.70	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 10:07:59	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3567	3526	3167	3420	6.43	cps
Uranium	238-1	3676	3634	3067	3459	9.83	cps
Vanadium	51-2	410	407	427	414	2.59	cps
Ytterbium	172-1	125	142	125	131	7.37	cps
Ytterbium	172-2	78	50	39	56	36.06	cps
Ytterbium	176-1	3784	3934	3509	3742	5.76	cps
Ytterbium	176-2	3167	3378	3312	3286	3.29	cps
Yttrium	89-1	44050608	43470449	43335767	43618941	0.87	cps
Yttrium	89-2	4472012	4516159	4582028	4523400	1.22	cps
Zinc	66-2	5514	5498	5514	5509	0.17	cps
Zirconium	90-1	7319	7044	6735	7033	4.15	cps
Zirconium	91-1	1867	1667	1400	1645	14.24	cps

LB Number : LB116249 Operator : Jaswal
 Lab Sample ID : ICV033 Instrumnet Name : P8
 Client Sample ID : ICV033 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-10 10:34:45 DataFile Name : 013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42904	43713	43138	43252	0.96	cps
Antimony	121-1	1825998	1781872	1835398	1814423	1.58	cps
Arsenic	75-2	53150	52950	53804	53301	0.84	cps
Barium	135-1	234483	235116	242251	237283	1.82	cps
Barium	137-1	412678	417458	419079	416405	0.80	cps
Beryllium	9-1	406170	406382	404789	405780	0.21	cps
Bismuth	209-1	18908003	18694401	18127724	18576709	2.17	cps
Bismuth	209-2	8620282	8602799	8503394	8575492	0.74	cps
Boron	10-1	3910	3634	3842	3795	3.79	cps
Boron	11-1	17443	17495	16944	17294	1.76	cps
Bromine	81-1	8551	8321	7850	8241	4.34	cps
Cadmium	111-1	248929	253834	255719	252827	1.39	cps
Cadmium	106-1	38028	38220	38672	38307	0.86	cps
Cadmium	108-1	18091	17970	17870	17977	0.62	cps
Calcium	43-1	74061	74154	74139	74118	0.07	cps
Calcium	44-1	1226444	1227396	1230826	1228222	0.19	cps
Carbon	12-1	6694349	6882397	7072625	6883124	2.75	cps
Carbon	12-2	73845	74372	75293	74503	0.98	cps
Chlorine	35-1	238559	237863	238499	238307	0.16	cps
Chlorine	35-2	1483	1517	1475	1492	1.48	cps
Chromium	52-2	307025	303231	302488	304248	0.80	cps
Cobalt	59-2	544315	545939	548683	546312	0.40	cps
Copper	63-2	403300	403562	405695	404186	0.33	cps
Dysprosium	156-1	17	17	25	19	24.73	cps
Dysprosium	156-2	7	10	7	8	24.71	cps
Erbium	164-1	317	225	142	228	38.43	cps
Erbium	164-2	127	80	97	101	23.39	cps
Gadolinium	160-1	208	242	258	236	10.78	cps
Gadolinium	160-2	113	87	80	93	18.90	cps
Holmium	165-1	29873179	29358292	29774365	29668612	0.92	cps
Holmium	165-2	12189008	12110245	11708673	12002642	2.15	cps
Indium	115-1	26798494	26398921	25251249	26149555	3.07	cps
Indium	115-2	3523370	3470539	3326542	3440151	2.96	cps
Iron	54-2	266124	268026	272032	268727	1.12	cps
Iron	56-2	4606507	4639000	4717196	4654234	1.22	cps
Iron	57-2	115996	116428	118495	116973	1.14	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	ICV033	Instrumnet Name :	P8
Client Sample ID :	ICV033	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 10:34:45	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	693	640	690	674	4.43	cps
Lead	206-1	1473604	1500044	1494381	1489343	0.93	cps
Lead	207-1	1226198	1244125	1228332	1232885	0.79	cps
Lead	208-1	5867084	5874798	5751464	5831115	1.18	cps
Lithium	6-1	16802852	16679339	16174042	16552078	2.01	cps
Magnesium	24-2	300074	307476	310356	305969	1.73	cps
Manganese	55-2	143413	145625	143228	144089	0.93	cps
Molybdenum	94-1	1258	1192	1225	1225	2.72	cps
Molybdenum	95-1	367	217	167	250	41.63	cps
Molybdenum	96-1	908	758	783	817	9.84	cps
Molybdenum	97-1	108	142	167	139	21.07	cps
Molybdenum	98-1	358	383	358	367	3.94	cps
Neodymium	150-1	40	13	27	27	50.01	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	150746	147567	149238	149184	1.07	cps
Phosphorus	31-2	267	250	250	256	3.77	cps
Potassium	39-2	335076	334377	329607	333020	0.89	cps
Rhodium	103-1	25246793	25115909	24142811	24835171	2.43	cps
Rhodium	103-2	10511782	10402547	10019568	10311299	2.51	cps
Scandium	45-1	19501385	19487238	18994844	19327822	1.49	cps
Scandium	45-2	623829	604040	587372	605080	3.02	cps
Selenium	82-1	41681	41933	42209	41941	0.63	cps
Selenium	77-2	1137	1067	1093	1099	3.22	cps
Selenium	78-2	3868	3828	3679	3792	2.63	cps
Silicon	28-1	405947	417972	415292	413070	1.53	cps
Silver	107-1	639862	640168	659973	646667	1.78	cps
Silver	109-1	624181	614155	634241	624192	1.61	cps
Sodium	23-2	1040905	1050213	1039706	1043608	0.55	cps
Strontium	86-1	1934	1842	2000	1925	4.13	cps
Strontium	88-1	8495	8670	9253	8806	4.51	cps
Sulfur	34-1	572322	561922	562880	565708	1.02	cps
Terbium	159-1	31792830	32144946	30974550	31637442	1.90	cps
Terbium	159-2	11900544	11889961	11230165	11673557	3.29	cps
Thallium	203-1	1919246	1976443	1950807	1948832	1.47	cps
Thallium	205-1	4529141	4558397	4544391	4543976	0.32	cps
Tin	118-1	2375	2417	2642	2478	5.79	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	ICV033	Instrumnet Name :	P8
Client Sample ID :	ICV033	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 10:34:45	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	492	483	508	494	2.57	cps
Uranium	238-1	92	83	83	86	5.58	cps
Vanadium	51-2	240671	239786	236604	239020	0.89	cps
Ytterbium	172-1	83	108	83	92	15.74	cps
Ytterbium	172-2	33	50	44	43	19.93	cps
Ytterbium	176-1	3876	3876	3726	3826	2.26	cps
Ytterbium	176-2	5329	5546	5251	5375	2.84	cps
Yttrium	89-1	46419153	44593648	45270036	45427612	2.03	cps
Yttrium	89-2	4378593	4235351	4160975	4258306	2.60	cps
Zinc	66-2	96697	96074	96617	96463	0.35	cps
Zirconium	90-1	2917	3017	2825	2920	3.28	cps
Zirconium	91-1	775	933	1025	911	13.88	cps

LB Number : LB116249 Operator : Jaswal
 Lab Sample ID : ICB033 Instrumnet Name : P8
 Client Sample ID : ICB033 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-10 10:45:37 DataFile Name : 014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	160	147	157	155	4.27	cps
Antimony	121-1	275	333	275	294	11.44	cps
Arsenic	75-2	4	5	5	5	12.37	cps
Barium	135-1	150	83	117	117	28.57	cps
Barium	137-1	100	150	150	133	21.65	cps
Beryllium	9-1	48	56	44	49	12.39	cps
Bismuth	209-1	16131554	17995739	18809636	17645643	7.78	cps
Bismuth	209-2	8489557	8638437	8684542	8604178	1.18	cps
Boron	10-1	2890	2744	2806	2813	2.60	cps
Boron	11-1	12587	12731	12047	12455	2.90	cps
Bromine	81-1	7520	7329	8091	7647	5.18	cps
Cadmium	111-1	1149	1266	1394	1270	9.66	cps
Cadmium	106-1	12039	12773	13924	12912	7.36	cps
Cadmium	108-1	108	75	75	86	22.35	cps
Calcium	43-1	480	489	501	490	2.18	cps
Calcium	44-1	25758	25945	26588	26097	1.67	cps
Carbon	12-1	6464335	6473609	6535657	6491200	0.60	cps
Carbon	12-2	70370	69632	69414	69805	0.72	cps
Chlorine	35-1	226581	230252	230895	229242	1.02	cps
Chlorine	35-2	1342	1575	1283	1400	11.02	cps
Chromium	52-2	937	967	907	937	3.20	cps
Cobalt	59-2	113	100	133	116	14.52	cps
Copper	63-2	1080	1050	1090	1073	1.94	cps
Dysprosium	156-1	8	25	0	11	114.58	cps
Dysprosium	156-2	7	3	7	6	34.70	cps
Erbium	164-1	175	258	242	225	19.60	cps
Erbium	164-2	90	63	67	73	19.81	cps
Gadolinium	160-1	150	300	208	219	34.46	cps
Gadolinium	160-2	103	90	110	101	10.07	cps
Holmium	165-1	25685308	29172420	30021752	28293160	8.12	cps
Holmium	165-2	11712681	12098017	11961456	11924051	1.64	cps
Indium	115-1	22217063	25173543	25881496	24424034	7.96	cps
Indium	115-2	3452922	3486362	3411531	3450272	1.09	cps
Iron	54-2	417	461	422	433	5.59	cps
Iron	56-2	3167	3234	3206	3202	1.05	cps
Iron	57-2	94	100	89	94	5.88	cps

LB Number : LB116249 Operator : Jaswal
 Lab Sample ID : ICB033 Instrumnet Name : P8
 Client Sample ID : ICB033 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-10 10:45:37 DataFile Name : 014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	703	673	707	694	2.64	cps
Lead	206-1	822	1117	939	959	15.46	cps
Lead	207-1	733	839	817	796	6.99	cps
Lead	208-1	3584	4167	3923	3891	7.53	cps
Lithium	6-1	14392633	16084770	16066011	15514471	6.26	cps
Magnesium	24-2	308	475	283	356	29.31	cps
Manganese	55-2	77	83	57	72	19.21	cps
Molybdenum	94-1	692	667	892	750	16.44	cps
Molybdenum	95-1	67	58	67	64	7.53	cps
Molybdenum	96-1	208	192	292	231	23.24	cps
Molybdenum	97-1	50	17	67	44	57.28	cps
Molybdenum	98-1	92	100	133	108	20.35	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	33	73	43	50	41.64	cps
Phosphorus	31-2	217	233	192	214	9.81	cps
Potassium	39-2	12564	12864	13915	13115	5.41	cps
Rhodium	103-1	20717387	23344036	24222810	22761411	8.01	cps
Rhodium	103-2	10605702	10320144	10385289	10437045	1.43	cps
Scandium	45-1	17062236	18941723	19391563	18465174	6.69	cps
Scandium	45-2	613119	606443	604241	607934	0.76	cps
Selenium	82-1	-52	-4	-60	-39	-78.31	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	20	35	26	27	27.96	cps
Silicon	28-1	372363	373387	365812	370521	1.11	cps
Silver	107-1	325	308	317	317	2.63	cps
Silver	109-1	167	125	183	158	18.98	cps
Sodium	23-2	30632	31192	30073	30633	1.83	cps
Strontium	86-1	1142	1100	1033	1092	5.01	cps
Strontium	88-1	692	542	608	614	12.24	cps
Sulfur	34-1	564479	563778	572001	566753	0.80	cps
Terbium	159-1	26895960	30258009	30231463	29128477	6.64	cps
Terbium	159-2	11707347	11735213	11866986	11769848	0.72	cps
Thallium	203-1	392	533	525	483	16.45	cps
Thallium	205-1	1225	1225	1158	1203	3.20	cps
Tin	118-1	1700	1917	1867	1828	6.21	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	ICB033	Instrumnet Name :	P8
Client Sample ID :	ICB033	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 10:45:37	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	308	258	242	269	12.87	cps
Uranium	238-1	17	17	25	19	24.73	cps
Vanadium	51-2	17	10	13	13	25.01	cps
Ytterbium	172-1	92	83	67	81	15.80	cps
Ytterbium	172-2	17	44	61	41	55.10	cps
Ytterbium	176-1	3200	3767	4151	3706	12.90	cps
Ytterbium	176-2	4923	4934	4634	4831	3.52	cps
Yttrium	89-1	40120242	43355669	44014646	42496852	4.90	cps
Yttrium	89-2	4370919	4373999	4272506	4339141	1.33	cps
Zinc	66-2	383	360	427	390	8.67	cps
Zirconium	90-1	2225	2409	2584	2406	7.45	cps
Zirconium	91-1	417	500	558	492	14.48	cps

LB Number : LB116249 Operator : Jaswal
 Lab Sample ID : ICSA033 Instrumnet Name : P8
 Client Sample ID : ICSA033 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-10 10:48:51 DataFile Name : 015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7575926	7691358	7741656	7669646	1.11	cps
Antimony	121-1	9854	10529	10704	10363	4.34	cps
Arsenic	75-2	76	98	95	90	13.30	cps
Barium	135-1	3334	3117	3309	3253	3.64	cps
Barium	137-1	5601	5610	6268	5826	6.57	cps
Beryllium	9-1	986	1160	1074	1073	8.11	cps
Bismuth	209-1	17867781	17851403	17840027	17853070	0.08	cps
Bismuth	209-2	7740524	8065466	7741352	7849114	2.39	cps
Boron	10-1	2642	2604	2628	2624	0.73	cps
Boron	11-1	12285	12139	11983	12135	1.25	cps
Bromine	81-1	8361	8962	8792	8705	3.56	cps
Cadmium	111-1	2530	2555	2405	2496	3.22	cps
Cadmium	106-1	12681	13215	13098	12998	2.16	cps
Cadmium	108-1	3163	3180	3038	3127	2.48	cps
Calcium	43-1	3402570	3413087	3443744	3419800	0.63	cps
Calcium	44-1	54037618	55481622	56353581	55290940	2.12	cps
Carbon	12-1	32958349	33717643	33864718	33513570	1.45	cps
Carbon	12-2	345093	348534	351370	348332	0.90	cps
Chlorine	35-1	14740781	19844594	23595688	19393688	22.92	cps
Chlorine	35-2	211090	223406	245627	226708	7.72	cps
Chromium	52-2	59875	59721	59423	59673	0.38	cps
Cobalt	59-2	6065	6265	6035	6121	2.04	cps
Copper	63-2	29748	30978	29688	30138	2.42	cps
Dysprosium	156-1	83	33	67	61	41.67	cps
Dysprosium	156-2	13	20	17	17	20.01	cps
Erbium	164-1	217	183	292	231	24.07	cps
Erbium	164-2	113	80	80	91	21.13	cps
Gadolinium	160-1	275	292	275	281	3.43	cps
Gadolinium	160-2	100	127	133	120	14.70	cps
Holmium	165-1	30122900	30585478	29924079	30210819	1.12	cps
Holmium	165-2	11999785	11926065	11816528	11914126	0.77	cps
Indium	115-1	25402698	25596884	25333701	25444428	0.54	cps
Indium	115-2	3309989	3371586	3294957	3325511	1.22	cps
Iron	54-2	12097405	12285975	12367037	12250139	1.13	cps
Iron	56-2	225290722	223481794	223273644	224015386	0.50	cps
Iron	57-2	5505063	5609745	5594953	5569921	1.02	cps

LB Number : LB116249 Operator : Jaswal
 Lab Sample ID : ICSA033 Instrumnet Name : P8
 Client Sample ID : ICSA033 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-10 10:48:51 DataFile Name : 015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	577	577	667	607	8.56	cps
Lead	206-1	35304	34931	34791	35009	0.76	cps
Lead	207-1	26934	27691	27791	27472	1.71	cps
Lead	208-1	129735	131420	131722	130959	0.82	cps
Lithium	6-1	15371374	15598659	16084280	15684771	2.32	cps
Magnesium	24-2	22972883	23593697	23493061	23353214	1.43	cps
Manganese	55-2	10734	11094	10484	10771	2.85	cps
Molybdenum	94-1	5418292	5518829	5445629	5460917	0.95	cps
Molybdenum	95-1	9581814	9758306	9449627	9596582	1.61	cps
Molybdenum	96-1	10348200	10341623	10184740	10291521	0.90	cps
Molybdenum	97-1	5880799	5789438	5835615	5835284	0.78	cps
Molybdenum	98-1	15378420	15123549	15096244	15199404	1.02	cps
Neodymium	150-1	33	33	47	38	20.39	cps
Neodymium	150-2	17	17	20	18	10.81	cps
Nickel	60-2	7205	7415	7739	7453	3.61	cps
Phosphorus	31-2	422125	425820	421921	423289	0.52	cps
Potassium	39-2	14784180	15252141	15295876	15110732	1.88	cps
Rhodium	103-1	22823684	22653862	22899849	22792465	0.55	cps
Rhodium	103-2	9704903	9889190	9681484	9758525	1.17	cps
Scandium	45-1	18456361	18648888	19128763	18744671	1.85	cps
Scandium	45-2	596338	605856	592112	598102	1.18	cps
Selenium	82-1	62	105	-13	51	116.99	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	25	23	38	29	28.41	cps
Silicon	28-1	559177	561716	567977	562957	0.80	cps
Silver	107-1	783	667	792	747	9.35	cps
Silver	109-1	667	508	417	531	23.84	cps
Sodium	23-2	45849141	46804294	46997354	46550263	1.32	cps
Strontium	86-1	115374	117862	117264	116833	1.11	cps
Strontium	88-1	999643	1014414	1000777	1004945	0.82	cps
Sulfur	34-1	5644269	5668450	5639716	5650812	0.27	cps
Terbium	159-1	31344220	31612905	31571690	31509605	0.46	cps
Terbium	159-2	11423436	11881074	11517124	11607211	2.08	cps
Thallium	203-1	642	725	825	731	12.57	cps
Thallium	205-1	1717	1875	2059	1884	9.08	cps
Tin	118-1	2959	3376	3125	3153	6.65	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	ICSA033	Instrumnet Name :	P8
Client Sample ID :	ICSA033	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 10:48:51	DataFile Name :	015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3263348	3234092	3253009	3250150	0.46	cps
Uranium	238-1	500	375	350	408	19.68	cps
Vanadium	51-2	397	327	333	352	10.97	cps
Ytterbium	172-1	125	83	92	100	22.04	cps
Ytterbium	172-2	39	33	44	39	14.30	cps
Ytterbium	176-1	3476	3217	3501	3398	4.62	cps
Ytterbium	176-2	3812	4279	3751	3947	7.32	cps
Yttrium	89-1	44399561	45046091	44135718	44527123	1.05	cps
Yttrium	89-2	4192337	4335479	4246304	4258040	1.70	cps
Zinc	66-2	5728	5971	5858	5852	2.08	cps
Zirconium	90-1	2642	2950	2859	2817	5.62	cps
Zirconium	91-1	550	642	700	631	11.99	cps

LB Number : LB116249 Operator : Jaswal
 Lab Sample ID : ICSAB033 Instrumnet Name : P8
 Client Sample ID : ICSAB033 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-10 10:51:46 DataFile Name : 016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8019806	8017184	8060422	8032471	0.30	cps
Antimony	121-1	198384	200470	205268	201374	1.75	cps
Arsenic	75-2	5531	5486	5649	5555	1.52	cps
Barium	135-1	51440	50880	53055	51792	2.18	cps
Barium	137-1	89773	91351	90410	90511	0.88	cps
Beryllium	9-1	78667	79885	78777	79109	0.85	cps
Bismuth	209-1	18050777	18307983	17956650	18105137	1.00	cps
Bismuth	209-2	8092727	7988316	8100355	8060466	0.78	cps
Boron	10-1	30419	31908	33287	31871	4.50	cps
Boron	11-1	137286	146060	150402	144582	4.62	cps
Bromine	81-1	9243	9162	9834	9413	3.89	cps
Cadmium	111-1	50260	50787	50777	50608	0.60	cps
Cadmium	106-1	19389	20007	21300	20232	4.82	cps
Cadmium	108-1	7631	7152	7081	7288	4.11	cps
Calcium	43-1	3627670	3635896	3622349	3628638	0.19	cps
Calcium	44-1	58739323	58809481	59046965	58865257	0.27	cps
Carbon	12-1	34731028	35336558	34535054	34867547	1.20	cps
Carbon	12-2	366797	359117	367346	364420	1.26	cps
Chlorine	35-1	28688995	33244751	36544900	32826215	12.02	cps
Chlorine	35-2	292381	302472	311093	301982	3.10	cps
Chromium	52-2	121955	123384	123223	122854	0.64	cps
Cobalt	59-2	115612	114816	115575	115334	0.39	cps
Copper	63-2	110348	109952	110929	110410	0.45	cps
Dysprosium	156-1	100	50	83	78	32.74	cps
Dysprosium	156-2	13	17	20	17	20.01	cps
Erbium	164-1	250	233	217	233	7.14	cps
Erbium	164-2	100	107	127	111	12.49	cps
Gadolinium	160-1	183	275	300	253	24.30	cps
Gadolinium	160-2	97	83	90	90	7.41	cps
Holmium	165-1	30776719	29778615	30563953	30373096	1.73	cps
Holmium	165-2	11866106	11804522	12236129	11968919	1.95	cps
Indium	115-1	25907885	25660568	25531804	25700086	0.74	cps
Indium	115-2	3371974	3415795	3397449	3395072	0.65	cps
Iron	54-2	12836557	12740367	12726520	12767814	0.47	cps
Iron	56-2	237737489	238135255	232325666	236066137	1.37	cps
Iron	57-2	5733609	5774165	5930490	5812755	1.79	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	ICSAB033	Instrumnet Name :	P8
Client Sample ID :	ICSAB033	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 10:51:46	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	633	587	677	632	7.12	cps
Lead	206-1	181336	182737	182293	182122	0.39	cps
Lead	207-1	153433	150754	150319	151502	1.11	cps
Lead	208-1	704183	704508	701171	703288	0.26	cps
Lithium	6-1	16009071	15956679	15779333	15915027	0.76	cps
Magnesium	24-2	24430520	24129778	24041542	24200613	0.84	cps
Manganese	55-2	39819	40066	39712	39866	0.46	cps
Molybdenum	94-1	6089820	6176019	6171542	6145794	0.79	cps
Molybdenum	95-1	9993263	10148472	10177246	10106327	0.98	cps
Molybdenum	96-1	10566807	10940320	11081537	10862888	2.45	cps
Molybdenum	97-1	6059567	6177386	6254821	6163925	1.60	cps
Molybdenum	98-1	15903494	16179644	16168825	16083987	0.97	cps
Neodymium	150-1	53	53	80	62	24.75	cps
Neodymium	150-2	13	13	7	11	34.61	cps
Nickel	60-2	36156	36814	35885	36285	1.32	cps
Phosphorus	31-2	446770	446878	439234	444294	0.99	cps
Potassium	39-2	15902976	15820515	15887892	15870461	0.28	cps
Rhodium	103-1	23309771	23598514	23811605	23573297	1.07	cps
Rhodium	103-2	9831571	9998548	10025099	9951739	1.05	cps
Scandium	45-1	19478270	19506016	19567391	19517226	0.23	cps
Scandium	45-2	619275	620428	614927	618210	0.47	cps
Selenium	82-1	4079	4140	4038	4086	1.26	cps
Selenium	77-2	87	117	130	111	19.97	cps
Selenium	78-2	369	402	384	385	4.29	cps
Silicon	28-1	595912	611026	594743	600560	1.51	cps
Silver	107-1	245988	251251	254244	250494	1.67	cps
Silver	109-1	237955	240851	241818	240208	0.84	cps
Sodium	23-2	48836632	48476039	49183149	48831940	0.72	cps
Strontium	86-1	322206	333607	332882	329565	1.94	cps
Strontium	88-1	2695537	2751300	2722851	2723229	1.02	cps
Sulfur	34-1	5937897	5944060	5983958	5955305	0.42	cps
Terbium	159-1	31883765	32157405	32511240	32184136	0.98	cps
Terbium	159-2	12055621	11952206	11958904	11988911	0.48	cps
Thallium	203-1	182549	183992	183089	183210	0.40	cps
Thallium	205-1	431426	435156	437383	434655	0.69	cps
Tin	118-1	476929	487513	488742	484395	1.34	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	ICSAB033	Instrumnet Name :	P8
Client Sample ID :	ICSAB033	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 10:51:46	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3387442	3434737	3441075	3421084	0.86	cps
Uranium	238-1	1660282	1649576	1635169	1648342	0.76	cps
Vanadium	51-2	49499	48820	49586	49301	0.85	cps
Ytterbium	172-1	133	67	83	94	36.73	cps
Ytterbium	172-2	78	44	44	56	34.63	cps
Ytterbium	176-1	3234	3701	3659	3531	7.32	cps
Ytterbium	176-2	3362	3434	3095	3297	5.42	cps
Yttrium	89-1	45176674	46357906	45717968	45750849	1.29	cps
Yttrium	89-2	4341089	4364960	4419327	4375125	0.92	cps
Zinc	66-2	15342	15185	15285	15271	0.52	cps
Zirconium	90-1	1057678	1073430	1057680	1062930	0.86	cps
Zirconium	91-1	235949	237679	238193	237274	0.50	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	CCV024	Instrumnet Name :	P8
Client Sample ID :	CCV024	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 10:59:09	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4117609	4144318	4252595	4171507	1.71	cps
Antimony	121-1	4654366	4478165	4601775	4578102	1.98	cps
Arsenic	75-2	142021	141003	144006	142343	1.07	cps
Barium	135-1	5877562	5733636	5909800	5840333	1.61	cps
Barium	137-1	10122475	10041602	9885455	10016511	1.20	cps
Beryllium	9-1	1912200	1896769	1912641	1907204	0.47	cps
Bismuth	209-1	16912929	17235669	16810456	16986351	1.31	cps
Bismuth	209-2	7740484	7912663	7798436	7817195	1.12	cps
Boron	10-1	230946	241604	254524	242358	4.87	cps
Boron	11-1	956602	998258	1007566	987476	2.75	cps
Bromine	81-1	8531	8852	8932	8772	2.42	cps
Cadmium	111-1	1251035	1247368	1233920	1244108	0.72	cps
Cadmium	106-1	158372	160521	156802	158565	1.18	cps
Cadmium	108-1	102813	99883	102125	101607	1.51	cps
Calcium	43-1	9310664	9228080	9353081	9297275	0.68	cps
Calcium	44-1	150153846	146795646	150009714	148986402	1.27	cps
Carbon	12-1	8020464	8220998	8393868	8211777	2.28	cps
Carbon	12-2	92894	94479	97742	95038	2.60	cps
Chlorine	35-1	2529838	2436791	2344552	2437060	3.80	cps
Chlorine	35-2	16234	15609	15600	15815	2.30	cps
Chromium	52-2	1494555	1537695	1543086	1525112	1.74	cps
Cobalt	59-2	2606366	2645829	2658251	2636815	1.03	cps
Copper	63-2	20277640	20545744	20520151	20447845	0.72	cps
Dysprosium	156-1	858	950	817	875	7.80	cps
Dysprosium	156-2	403	447	393	414	6.84	cps
Erbium	164-1	392	358	425	392	8.51	cps
Erbium	164-2	173	133	107	138	24.35	cps
Gadolinium	160-1	1258	1033	1092	1128	10.35	cps
Gadolinium	160-2	520	480	510	503	4.14	cps
Holmium	165-1	29382874	29848470	28990476	29407273	1.46	cps
Holmium	165-2	11732667	12104260	11765824	11867584	1.73	cps
Indium	115-1	23946530	24562798	24200987	24236772	1.28	cps
Indium	115-2	3349462	3391299	3349078	3363279	0.72	cps
Iron	54-2	15957706	16285606	16327562	16190291	1.25	cps
Iron	56-2	288712940	296907218	299837029	295152395	1.95	cps
Iron	57-2	7325726	7294857	7287624	7302735	0.28	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	CCV024	Instrumnet Name :	P8
Client Sample ID :	CCV024	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 10:59:09	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	600	643	720	654	9.29	cps
Lead	206-1	18148310	17842925	17695002	17895412	1.29	cps
Lead	207-1	15505639	15471569	15141244	15372817	1.31	cps
Lead	208-1	71185933	71120234	69497879	70601348	1.35	cps
Lithium	6-1	15268937	15699597	15429921	15466152	1.41	cps
Magnesium	24-2	62142351	61842578	64328158	62771029	2.16	cps
Manganese	55-2	7618857	7640027	7716146	7658343	0.67	cps
Molybdenum	94-1	10527854	10467478	10893949	10629761	2.17	cps
Molybdenum	95-1	12792593	12773083	12987499	12851058	0.92	cps
Molybdenum	96-1	14440529	14189960	14211636	14280708	0.97	cps
Molybdenum	97-1	7895266	7779417	7958697	7877793	1.15	cps
Molybdenum	98-1	20747338	20532380	20405351	20561690	0.84	cps
Neodymium	150-1	253	247	287	262	8.17	cps
Neodymium	150-2	43	50	13	36	54.94	cps
Nickel	60-2	709794	704742	713528	709355	0.62	cps
Phosphorus	31-2	45732	45280	45296	45436	0.56	cps
Potassium	39-2	20261148	20529832	21123834	20638271	2.14	cps
Rhodium	103-1	21956737	22902913	22793749	22551133	2.30	cps
Rhodium	103-2	9861378	9923600	9648806	9811262	1.47	cps
Scandium	45-1	19086014	19272549	18913036	19090533	0.94	cps
Scandium	45-2	620254	636902	606757	621304	2.43	cps
Selenium	82-1	102015	100894	102515	101808	0.82	cps
Selenium	77-2	2710	2804	2720	2745	1.87	cps
Selenium	78-2	9425	9501	9620	9516	1.03	cps
Silicon	28-1	4666541	4795061	4904418	4788673	2.49	cps
Silver	107-1	6537161	6402838	6334326	6424775	1.61	cps
Silver	109-1	6237646	6183148	6259614	6226803	0.63	cps
Sodium	23-2	119513461	121399961	121216224	120709882	0.86	cps
Strontium	86-1	17374619	16874940	16831483	17027014	1.77	cps
Strontium	88-1	148935428	144428707	146210420	146524852	1.55	cps
Sulfur	34-1	1035731	1030065	1034346	1033381	0.29	cps
Terbium	159-1	30871650	31199376	30925612	30998880	0.57	cps
Terbium	159-2	12081808	12004635	11335825	11807422	3.47	cps
Thallium	203-1	4527683	4406679	4426968	4453777	1.46	cps
Thallium	205-1	10386047	10352730	10112628	10283802	1.45	cps
Tin	118-1	4172472	4074611	4126224	4124436	1.19	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	CCV024	Instrumnet Name :	P8
Client Sample ID :	CCV024	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 10:59:09	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4319065	4267770	4259823	4282219	0.75	cps
Uranium	238-1	13783135	13768488	13556611	13702745	0.93	cps
Vanadium	51-2	1262451	1273722	1292553	1276242	1.19	cps
Ytterbium	172-1	125	150	150	142	10.19	cps
Ytterbium	172-2	56	44	89	63	36.73	cps
Ytterbium	176-1	22887	22662	22244	22598	1.44	cps
Ytterbium	176-2	11566	11466	11561	11531	0.49	cps
Yttrium	89-1	44299039	44968506	45383481	44883675	1.22	cps
Yttrium	89-2	4461425	4527628	4412385	4467146	1.29	cps
Zinc	66-2	2314223	2376793	2358527	2349848	1.37	cps
Zirconium	90-1	9166850	9146071	9263443	9192122	0.68	cps
Zirconium	91-1	2095658	2050993	2063405	2070019	1.11	cps

LB Number : LB116249 Operator : Jaswal
 Lab Sample ID : CCB024 Instrumnet Name : P8
 Client Sample ID : CCB024 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-10 11:11:49 DataFile Name : 018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	182	181	142	169	13.48	cps
Antimony	121-1	367	425	467	419	11.98	cps
Arsenic	75-2	5	5	6	5	10.83	cps
Barium	135-1	158	142	125	142	11.77	cps
Barium	137-1	167	167	208	181	13.32	cps
Beryllium	9-1	32	44	52	43	23.60	cps
Bismuth	209-1	19040399	18101847	20096101	19079449	5.23	cps
Bismuth	209-2	8568047	8371328	8619159	8519511	1.54	cps
Boron	10-1	3408	3412	3306	3375	1.78	cps
Boron	11-1	15857	15853	15439	15717	1.53	cps
Bromine	81-1	8491	8712	8602	8602	1.28	cps
Cadmium	111-1	1414	1333	1430	1392	3.73	cps
Cadmium	106-1	13791	13407	14283	13827	3.18	cps
Cadmium	108-1	46	58	63	56	15.62	cps
Calcium	43-1	569	500	487	519	8.43	cps
Calcium	44-1	28178	28306	28696	28393	0.95	cps
Carbon	12-1	6642851	6744448	6826230	6737843	1.36	cps
Carbon	12-2	68083	71893	71666	70547	3.03	cps
Chlorine	35-1	840441	841496	833426	838454	0.52	cps
Chlorine	35-2	5476	5418	5234	5376	2.35	cps
Chromium	52-2	937	1017	933	962	4.90	cps
Cobalt	59-2	137	103	110	117	15.12	cps
Copper	63-2	1203	1263	1210	1226	2.68	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	233	233	225	231	2.09	cps
Erbium	164-2	70	83	53	69	21.82	cps
Gadolinium	160-1	167	200	283	217	27.73	cps
Gadolinium	160-2	73	93	70	79	16.00	cps
Holmium	165-1	29494021	29189098	29918507	29533875	1.24	cps
Holmium	165-2	11844531	11679727	12241726	11921995	2.42	cps
Indium	115-1	26102879	25843539	27597091	26514503	3.57	cps
Indium	115-2	3362627	3543351	3573540	3493173	3.27	cps
Iron	54-2	483	439	406	443	8.82	cps
Iron	56-2	3567	3984	4306	3952	9.38	cps
Iron	57-2	67	139	83	96	39.27	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	CCB024	Instrumnet Name :	P8
Client Sample ID :	CCB024	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 11:11:49	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	707	630	660	666	5.80	cps
Lead	206-1	1117	1111	1078	1102	1.91	cps
Lead	207-1	917	1122	939	993	11.37	cps
Lead	208-1	4523	4561	4384	4489	2.08	cps
Lithium	6-1	16538331	15892538	16996784	16475884	3.37	cps
Magnesium	24-2	367	300	525	397	29.09	cps
Manganese	55-2	123	103	103	110	10.50	cps
Molybdenum	94-1	1025	967	1192	1061	11.00	cps
Molybdenum	95-1	125	158	133	139	12.49	cps
Molybdenum	96-1	400	375	383	386	3.30	cps
Molybdenum	97-1	133	100	83	106	24.12	cps
Molybdenum	98-1	383	308	233	308	24.33	cps
Neodymium	150-1	33	20	7	20	66.65	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	40	63	53	52	22.41	cps
Phosphorus	31-2	283	242	308	278	12.12	cps
Potassium	39-2	13724	14224	14116	14021	1.88	cps
Rhodium	103-1	24634564	23699274	25566002	24633280	3.79	cps
Rhodium	103-2	10312198	10476112	10737761	10508690	2.04	cps
Scandium	45-1	19327369	19441766	20410315	19726483	3.02	cps
Scandium	45-2	601862	614900	628954	615239	2.20	cps
Selenium	82-1	-27	29	30	11	303.27	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	29	31	27	29	6.90	cps
Silicon	28-1	370941	372784	376515	373413	0.76	cps
Silver	107-1	417	325	492	411	20.30	cps
Silver	109-1	150	250	208	203	24.77	cps
Sodium	23-2	34784	35268	34550	34867	1.05	cps
Strontium	86-1	1050	1150	1075	1092	4.77	cps
Strontium	88-1	833	792	767	797	4.22	cps
Sulfur	34-1	560220	558401	558119	558914	0.20	cps
Terbium	159-1	30590488	31018936	31823262	31144229	2.01	cps
Terbium	159-2	11750031	11866712	11988394	11868379	1.00	cps
Thallium	203-1	850	742	750	781	7.72	cps
Thallium	205-1	2117	1759	1734	1870	11.47	cps
Tin	118-1	2025	1625	1925	1859	11.20	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	CCB024	Instrumnet Name :	P8
Client Sample ID :	CCB024	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 11:11:49	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	158	300	292	250	31.80	cps
Uranium	238-1	25	17	92	44	92.49	cps
Vanadium	51-2	7	0	17	8	107.84	cps
Ytterbium	172-1	50	125	67	81	48.89	cps
Ytterbium	172-2	33	39	33	35	9.12	cps
Ytterbium	176-1	3801	3717	3442	3653	5.14	cps
Ytterbium	176-2	4245	4373	4334	4317	1.52	cps
Yttrium	89-1	45645961	43898136	46698784	45414294	3.11	cps
Yttrium	89-2	4320164	4416763	4430729	4389219	1.37	cps
Zinc	66-2	447	433	407	429	4.75	cps
Zirconium	90-1	2675	2609	2834	2706	4.27	cps
Zirconium	91-1	517	358	592	489	24.37	cps

LB Number : LB116249 Operator : Jaswal
 Lab Sample ID : PB139027BL Instrumnet Name : P8
 Client Sample ID : PBW027 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-10 11:41:47 DataFile Name : 019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	156	147	172	159	7.99	cps
Antimony	121-1	83	100	158	114	34.58	cps
Arsenic	75-2	8	4	4	5	43.30	cps
Barium	135-1	125	117	125	122	3.94	cps
Barium	137-1	200	267	125	197	35.94	cps
Beryllium	9-1	40	446	30	172	138.00	cps
Bismuth	209-1	18596892	18681168	18320082	18532714	1.02	cps
Bismuth	209-2	8403595	8502566	8475404	8460522	0.60	cps
Boron	10-1	1234	1308	1242	1261	3.22	cps
Boron	11-1	5322	5798	5446	5522	4.47	cps
Bromine	81-1	9032	8742	7570	8448	9.16	cps
Cadmium	111-1	1333	1379	1312	1341	2.57	cps
Cadmium	106-1	13232	13816	13282	13443	2.41	cps
Cadmium	108-1	46	75	83	68	28.94	cps
Calcium	43-1	429	1845	477	917	87.68	cps
Calcium	44-1	27205	41016	26274	31498	26.21	cps
Carbon	12-1	6611013	6589197	6650700	6616970	0.47	cps
Carbon	12-2	70361	67731	68108	68733	2.07	cps
Chlorine	35-1	319691	320057	319349	319699	0.11	cps
Chlorine	35-2	2184	1792	2067	2014	9.99	cps
Chromium	52-2	977	870	977	941	6.54	cps
Cobalt	59-2	87	110	97	98	11.97	cps
Copper	63-2	970	993	1027	997	2.86	cps
Dysprosium	156-1	17	17	8	14	34.67	cps
Dysprosium	156-2	17	13	3	11	62.48	cps
Erbium	164-1	167	183	175	175	4.76	cps
Erbium	164-2	63	80	73	72	11.62	cps
Gadolinium	160-1	150	208	208	189	17.83	cps
Gadolinium	160-2	77	97	100	91	13.85	cps
Holmium	165-1	30205488	30553932	28971157	29910192	2.78	cps
Holmium	165-2	11796136	11814478	11492425	11701013	1.55	cps
Indium	115-1	25868197	26447073	25045847	25787039	2.73	cps
Indium	115-2	3295133	3384302	3344239	3341224	1.34	cps
Iron	54-2	439	356	483	426	15.23	cps
Iron	56-2	3123	3350	3295	3256	3.65	cps
Iron	57-2	100	100	83	94	10.19	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	PB139027BL	Instrumnet Name :	P8
Client Sample ID :	PBW027	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 11:41:47	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	683	607	690	660	7.02	cps
Lead	206-1	872	956	744	857	12.40	cps
Lead	207-1	778	883	683	782	12.80	cps
Lead	208-1	3461	3728	3328	3506	5.81	cps
Lithium	6-1	16181503	16162714	15498184	15947467	2.44	cps
Magnesium	24-2	333	250	408	331	23.96	cps
Manganese	55-2	77	90	113	93	19.88	cps
Molybdenum	94-1	875	917	750	847	10.24	cps
Molybdenum	95-1	83	333	83	167	86.62	cps
Molybdenum	96-1	242	450	167	286	51.31	cps
Molybdenum	97-1	25	58	25	36	53.30	cps
Molybdenum	98-1	117	317	100	178	67.83	cps
Neodymium	150-1	20	0	7	9	114.55	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	33	53	57	48	26.42	cps
Phosphorus	31-2	233	283	250	256	9.96	cps
Potassium	39-2	12756	12364	11955	12358	3.24	cps
Rhodium	103-1	24264607	24516037	24054323	24278322	0.95	cps
Rhodium	103-2	10196154	10353242	10380301	10309899	0.96	cps
Scandium	45-1	19389613	19710165	18631809	19243862	2.88	cps
Scandium	45-2	602577	603443	599766	601928	0.32	cps
Selenium	82-1	-89	15	2	-24	-237.35	cps
Selenium	77-2	0	7	3	3	100.05	cps
Selenium	78-2	31	19	28	26	24.02	cps
Silicon	28-1	359722	360291	364007	361340	0.64	cps
Silver	107-1	300	300	233	278	13.86	cps
Silver	109-1	75	58	42	58	28.57	cps
Sodium	23-2	30800	31159	30891	30950	0.60	cps
Strontium	86-1	1167	1458	1008	1211	18.85	cps
Strontium	88-1	583	2754	708	1348	90.36	cps
Sulfur	34-1	573913	569081	561808	568267	1.07	cps
Terbium	159-1	30518227	31135695	29898861	30517595	2.03	cps
Terbium	159-2	11539515	11351647	11678241	11523134	1.42	cps
Thallium	203-1	358	283	300	314	12.55	cps
Thallium	205-1	742	667	808	739	9.59	cps
Tin	118-1	1909	2217	1959	2028	8.16	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	PB139027BL	Instrumnet Name :	P8
Client Sample ID :	PBW027	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 11:41:47	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	300	617	308	408	44.21	cps
Uranium	238-1	25	183	33	81	110.63	cps
Vanadium	51-2	13	7	10	10	33.30	cps
Ytterbium	172-1	75	83	100	86	14.78	cps
Ytterbium	172-2	44	28	6	26	75.24	cps
Ytterbium	176-1	3225	3634	3551	3470	6.22	cps
Ytterbium	176-2	5318	5712	5107	5379	5.72	cps
Yttrium	89-1	46101823	45661811	44633681	45465772	1.66	cps
Yttrium	89-2	4279614	4295461	4232887	4269321	0.76	cps
Zinc	66-2	400	377	440	406	7.90	cps
Zirconium	90-1	2459	2542	2709	2570	4.95	cps
Zirconium	91-1	525	583	442	517	13.78	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	PB139027BS	Instrumnet Name :	P8
Client Sample ID :	LCS027	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 11:44:47	DataFile Name :	020LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3826	3895	3751	3824	1.88	cps
Antimony	121-1	36491	37394	37485	37123	1.48	cps
Arsenic	75-2	524	577	534	545	5.17	cps
Barium	135-1	46590	47819	47493	47301	1.35	cps
Barium	137-1	80423	82711	81001	81378	1.46	cps
Beryllium	9-1	7875	8225	7917	8005	2.39	cps
Bismuth	209-1	18913358	18638424	18161986	18571256	2.05	cps
Bismuth	209-2	8758341	8449483	8472270	8560031	2.01	cps
Boron	10-1	22597	24576	25080	24084	5.45	cps
Boron	11-1	99014	109682	114844	107847	7.49	cps
Bromine	81-1	8531	8131	8511	8391	2.69	cps
Cadmium	111-1	7096	6818	6510	6808	4.30	cps
Cadmium	106-1	15401	15125	14107	14878	4.58	cps
Cadmium	108-1	542	529	467	513	7.84	cps
Calcium	43-1	38246	38267	38688	38400	0.65	cps
Calcium	44-1	640300	637601	644397	640766	0.53	cps
Carbon	12-1	6608011	6717401	6782142	6702518	1.31	cps
Carbon	12-2	71131	71809	71759	71566	0.53	cps
Chlorine	35-1	326694	324899	326919	326171	0.34	cps
Chlorine	35-2	2000	1825	1950	1925	4.68	cps
Chromium	52-2	13593	13220	13266	13360	1.52	cps
Cobalt	59-2	10641	11261	11194	11032	3.09	cps
Copper	63-2	16490	15756	16246	16164	2.31	cps
Dysprosium	156-1	8	8	50	22	108.27	cps
Dysprosium	156-2	3	3	10	6	69.34	cps
Erbium	164-1	208	208	283	233	18.56	cps
Erbium	164-2	70	67	67	68	2.84	cps
Gadolinium	160-1	167	283	175	208	31.24	cps
Gadolinium	160-2	97	73	73	81	16.61	cps
Holmium	165-1	29366775	30101790	29380576	29616380	1.42	cps
Holmium	165-2	12162649	11624885	11652944	11813493	2.56	cps
Indium	115-1	26341263	25998819	25215839	25851974	2.23	cps
Indium	115-2	3515049	3495530	3402724	3471101	1.73	cps
Iron	54-2	56473	57376	57337	57062	0.89	cps
Iron	56-2	1022829	1040787	1045588	1036401	1.16	cps
Iron	57-2	25262	24549	24911	24907	1.43	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	PB139027BS	Instrumnet Name :	P8
Client Sample ID :	LCS027	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 11:44:47	DataFile Name :	020LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	680	610	637	642	5.50	cps
Lead	206-1	15409	15265	15376	15350	0.49	cps
Lead	207-1	13418	13624	13963	13669	2.01	cps
Lead	208-1	62299	61513	62270	62028	0.72	cps
Lithium	6-1	16543172	16503027	16008456	16351552	1.82	cps
Magnesium	24-2	267584	262041	260878	263501	1.36	cps
Manganese	55-2	3167	3237	3144	3183	1.53	cps
Molybdenum	94-1	44948	44355	44689	44664	0.67	cps
Molybdenum	95-1	53537	50442	53462	52480	3.36	cps
Molybdenum	96-1	59796	59528	59043	59455	0.64	cps
Molybdenum	97-1	32982	33257	32556	32932	1.07	cps
Molybdenum	98-1	85011	86738	86185	85978	1.03	cps
Neodymium	150-1	13	0	13	9	86.60	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	3094	3230	2957	3094	4.42	cps
Phosphorus	31-2	175	200	217	197	10.63	cps
Potassium	39-2	177905	175020	176740	176555	0.82	cps
Rhodium	103-1	25625429	25076133	24034109	24911890	3.24	cps
Rhodium	103-2	10662412	10375698	10283510	10440540	1.89	cps
Scandium	45-1	19561916	19347087	18745785	19218263	2.20	cps
Scandium	45-2	621676	612788	600592	611685	1.73	cps
Selenium	82-1	1998	2075	2118	2064	2.94	cps
Selenium	77-2	70	53	37	53	31.25	cps
Selenium	78-2	266	212	211	230	13.70	cps
Silicon	28-1	559457	567138	565900	564165	0.73	cps
Silver	107-1	24189	25007	25441	24879	2.56	cps
Silver	109-1	23738	25090	25866	24898	4.33	cps
Sodium	23-2	547169	542166	546951	545429	0.52	cps
Strontium	86-1	8645	8786	8444	8625	1.99	cps
Strontium	88-1	66157	66969	66065	66397	0.75	cps
Sulfur	34-1	565813	565826	569547	567062	0.38	cps
Terbium	159-1	32543135	30558703	30350830	31150890	3.88	cps
Terbium	159-2	11929414	11870198	11595921	11798511	1.51	cps
Thallium	203-1	18973	17946	18439	18452	2.78	cps
Thallium	205-1	43056	43432	43808	43432	0.87	cps
Tin	118-1	87228	84847	89678	87251	2.77	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	PB139027BS	Instrumnet Name :	P8
Client Sample ID :	LCS027	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 11:44:47	DataFile Name :	020LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	18120	17978	18062	18054	0.39	cps
Uranium	238-1	53857	53489	55673	54339	2.15	cps
Vanadium	51-2	24371	24728	24872	24657	1.05	cps
Ytterbium	172-1	67	100	92	86	20.14	cps
Ytterbium	172-2	50	44	39	44	12.50	cps
Ytterbium	176-1	3742	3842	3667	3751	2.34	cps
Ytterbium	176-2	4045	4367	4034	4149	4.56	cps
Yttrium	89-1	45987433	45797923	43425289	45070215	3.17	cps
Yttrium	89-2	4423638	4339025	4187776	4316813	2.77	cps
Zinc	66-2	5231	5221	5348	5267	1.34	cps
Zirconium	90-1	38638	38470	38771	38626	0.39	cps
Zirconium	91-1	8503	8661	8595	8586	0.93	cps

LB Number : LB116249 Operator : Jaswal
 Lab Sample ID : M3623-20ARE Instrumnet Name : P8
 Client Sample ID : MEW1W1A Dilution Factor : 1
 Date & Time Acquired :: 2021-09-10 11:47:50 DataFile Name : 021AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7045	7183	7763	7330	5.20	cps
Antimony	121-1	267	333	417	339	22.18	cps
Arsenic	75-2	114	113	125	117	5.67	cps
Barium	135-1	454027	465060	480765	466617	2.88	cps
Barium	137-1	795076	815606	804446	805043	1.28	cps
Beryllium	9-1	110	78	72	87	23.57	cps
Bismuth	209-1	17840262	17450249	16762181	17350897	3.15	cps
Bismuth	209-2	8072917	8063968	8171632	8102839	0.74	cps
Boron	10-1	74817	77932	81703	78151	4.41	cps
Boron	11-1	339507	364176	378788	360824	5.50	cps
Bromine	81-1	97206	115107	135415	115909	16.49	cps
Cadmium	111-1	1419	1494	1363	1425	4.62	cps
Cadmium	106-1	13924	14174	13390	13830	2.90	cps
Cadmium	108-1	46	75	79	67	27.25	cps
Calcium	43-1	10201035	10291566	10516051	10336217	1.57	cps
Calcium	44-1	165874436	169078760	174495143	169816113	2.57	cps
Carbon	12-1	11962010	13078586	13773937	12938178	7.07	cps
Carbon	12-2	146830	152336	154104	151090	2.51	cps
Chlorine	35-1	1516387	1801227	1999173	1772262	13.69	cps
Chlorine	35-2	16593	17019	19055	17556	7.49	cps
Chromium	52-2	3260	3100	3384	3248	4.37	cps
Cobalt	59-2	1913	1710	1870	1831	5.85	cps
Copper	63-2	2070	2160	2137	2122	2.20	cps
Dysprosium	156-1	192	150	242	194	23.60	cps
Dysprosium	156-2	60	107	63	77	33.96	cps
Erbium	164-1	467	467	475	469	1.02	cps
Erbium	164-2	150	163	133	149	10.09	cps
Gadolinium	160-1	367	467	350	394	16.00	cps
Gadolinium	160-2	177	177	160	171	5.62	cps
Holmium	165-1	30438567	31272144	29110615	30273776	3.60	cps
Holmium	165-2	12392066	12043600	12652202	12362623	2.47	cps
Indium	115-1	25106988	25256822	24573665	24979158	1.44	cps
Indium	115-2	3411309	3511326	3539108	3487248	1.93	cps
Iron	54-2	2425800	2414845	2490673	2443773	1.68	cps
Iron	56-2	44085020	45168154	45345194	44866123	1.52	cps
Iron	57-2	1114486	1112904	1145234	1124208	1.62	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3623-20ARE	Instrumnet Name :	P8
Client Sample ID :	MEW1W1A	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 11:47:50	DataFile Name :	021AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	607	643	700	650	7.23	cps
Lead	206-1	1889	1878	1917	1895	1.06	cps
Lead	207-1	1845	1600	1578	1674	8.84	cps
Lead	208-1	7862	7640	7212	7571	4.36	cps
Lithium	6-1	15706127	15401242	15199193	15435520	1.65	cps
Magnesium	24-2	18796492	18827858	18824720	18816357	0.09	cps
Manganese	55-2	1046852	1058861	1064582	1056765	0.86	cps
Molybdenum	94-1	8053	8845	8453	8450	4.69	cps
Molybdenum	95-1	542	633	567	581	8.16	cps
Molybdenum	96-1	2009	2009	2317	2111	8.43	cps
Molybdenum	97-1	258	325	242	275	16.03	cps
Molybdenum	98-1	817	883	700	800	11.60	cps
Neodymium	150-1	260	227	267	251	8.54	cps
Neodymium	150-2	67	53	50	57	15.57	cps
Nickel	60-2	927	770	817	838	9.60	cps
Phosphorus	31-2	1867	1834	1934	1878	2.71	cps
Potassium	39-2	1082436	1090164	1090251	1087617	0.41	cps
Rhodium	103-1	22871077	23707284	22565099	23047820	2.57	cps
Rhodium	103-2	10076523	10183219	10423411	10227717	1.74	cps
Scandium	45-1	19484318	19547545	19122069	19384644	1.18	cps
Scandium	45-2	637997	637317	662447	645920	2.22	cps
Selenium	82-1	129	91	80	100	25.78	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	32	34	25	30	15.58	cps
Silicon	28-1	53659993	55207101	56710916	55192670	2.76	cps
Silver	107-1	6335	7235	6418	6663	7.47	cps
Silver	109-1	5960	6035	6585	6193	5.51	cps
Sodium	23-2	185620567	185739504	188930279	186763450	1.01	cps
Strontium	86-1	1347288	1353699	1385509	1362165	1.50	cps
Strontium	88-1	10995601	11198176	11440113	11211297	1.99	cps
Sulfur	34-1	13983161	14508925	14843409	14445165	3.00	cps
Terbium	159-1	31793283	31604582	30348327	31248731	2.51	cps
Terbium	159-2	11774246	11972371	12073888	11940169	1.28	cps
Thallium	203-1	533	350	417	433	21.42	cps
Thallium	205-1	1150	867	867	961	17.02	cps
Tin	118-1	2359	2467	2442	2423	2.34	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3623-20ARE	Instrumnet Name :	P8
Client Sample ID :	MEW1W1A	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 11:47:50	DataFile Name :	021AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4017	3909	3976	3967	1.38	cps
Uranium	238-1	1692	1700	1542	1645	5.42	cps
Vanadium	51-2	2107	1887	2054	2016	5.69	cps
Ytterbium	172-1	133	217	167	172	24.35	cps
Ytterbium	172-2	83	111	89	94	15.56	cps
Ytterbium	176-1	4067	4009	3809	3962	3.42	cps
Ytterbium	176-2	3373	3489	3328	3397	2.45	cps
Yttrium	89-1	45945824	46037286	45158706	45713939	1.06	cps
Yttrium	89-2	4391344	4598208	4720559	4570037	3.64	cps
Zinc	66-2	3034	2970	3037	3014	1.25	cps
Zirconium	90-1	23003	23896	23111	23337	2.09	cps
Zirconium	91-1	4918	5401	4968	5095	5.22	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3652-20ARE	Instrumnet Name :	P8
Client Sample ID :	MEW1Y6A	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 11:50:45	DataFile Name :	022AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3436	3465	3570	3490	2.02	cps
Antimony	121-1	758	858	908	842	9.07	cps
Arsenic	75-2	725	752	723	733	2.21	cps
Barium	135-1	232021	227456	226276	228585	1.33	cps
Barium	137-1	400849	397055	397750	398551	0.51	cps
Beryllium	9-1	186	194	188	189	2.20	cps
Bismuth	209-1	19090785	18623473	19104681	18939646	1.45	cps
Bismuth	209-2	8696507	8812173	8839079	8782586	0.86	cps
Boron	10-1	58561	61516	61387	60488	2.76	cps
Boron	11-1	271059	276511	288674	278748	3.24	cps
Bromine	81-1	127920	140793	154176	140963	9.31	cps
Cadmium	111-1	1494	1429	1498	1474	2.62	cps
Cadmium	106-1	14867	14441	15025	14778	2.04	cps
Cadmium	108-1	67	75	67	69	6.93	cps
Calcium	43-1	6149898	6396534	6152551	6232994	2.27	cps
Calcium	44-1	101573166	101495303	99572871	100880447	1.12	cps
Carbon	12-1	13890468	14683414	15391047	14654976	5.12	cps
Carbon	12-2	161919	164761	166015	164232	1.28	cps
Chlorine	35-1	1478924	1469059	1501209	1483064	1.11	cps
Chlorine	35-2	10529	10863	10821	10738	1.69	cps
Chromium	52-2	3821	3894	3507	3741	5.49	cps
Cobalt	59-2	1270	1457	1177	1301	10.96	cps
Copper	63-2	1633	1550	1590	1591	2.62	cps
Dysprosium	156-1	542	592	567	567	4.41	cps
Dysprosium	156-2	247	200	270	239	14.92	cps
Erbium	164-1	750	1017	1008	925	16.39	cps
Erbium	164-2	360	377	390	376	4.00	cps
Gadolinium	160-1	1133	992	867	997	13.38	cps
Gadolinium	160-2	373	397	343	371	7.21	cps
Holmium	165-1	32492239	31960783	31417155	31956726	1.68	cps
Holmium	165-2	12786824	13068294	12735879	12863665	1.39	cps
Indium	115-1	28386990	27776332	27329665	27830996	1.91	cps
Indium	115-2	3715132	3706065	3627955	3683050	1.30	cps
Iron	54-2	1557142	1557637	1554472	1556417	0.11	cps
Iron	56-2	27996554	28567202	28778682	28447479	1.42	cps
Iron	57-2	712738	717651	734835	721742	1.61	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3652-20ARE	Instrumnet Name :	P8
Client Sample ID :	MEW1Y6A	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 11:50:45	DataFile Name :	022AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	640	697	690	676	4.58	cps
Lead	206-1	1533	1445	1472	1483	3.07	cps
Lead	207-1	1300	1106	1233	1213	8.15	cps
Lead	208-1	6006	5523	6006	5845	4.78	cps
Lithium	6-1	17188129	17549182	16841359	17192890	2.06	cps
Magnesium	24-2	7050759	7216173	7485963	7250965	3.03	cps
Manganese	55-2	1183231	1194368	1188998	1188866	0.47	cps
Molybdenum	94-1	9729	10596	10379	10235	4.41	cps
Molybdenum	95-1	4084	4201	4267	4184	2.22	cps
Molybdenum	96-1	6385	5410	5801	5865	8.37	cps
Molybdenum	97-1	2575	2567	2425	2523	3.34	cps
Molybdenum	98-1	6227	6410	6568	6402	2.67	cps
Neodymium	150-1	447	440	527	471	10.24	cps
Neodymium	150-2	157	150	160	156	3.27	cps
Nickel	60-2	1107	1007	1027	1047	5.06	cps
Phosphorus	31-2	1017	983	1033	1011	2.52	cps
Potassium	39-2	1607542	1515229	1511676	1544816	3.52	cps
Rhodium	103-1	26022804	24973199	25959372	25651792	2.29	cps
Rhodium	103-2	11013920	10902935	10834114	10916990	0.83	cps
Scandium	45-1	21702716	21028529	21211233	21314159	1.64	cps
Scandium	45-2	668643	663943	658257	663614	0.78	cps
Selenium	82-1	139	107	127	124	13.04	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	29	39	38	35	15.59	cps
Silicon	28-1	56417597	56994445	56743274	56718439	0.51	cps
Silver	107-1	6844	6944	7502	7096	5.00	cps
Silver	109-1	6735	6593	6410	6580	2.48	cps
Sodium	23-2	19826906	20449580	20622660	20299716	2.06	cps
Strontium	86-1	1443298	1461261	1432015	1445524	1.02	cps
Strontium	88-1	12346146	12159004	12292832	12265994	0.79	cps
Sulfur	34-1	2359385	2394373	2333808	2362522	1.29	cps
Terbium	159-1	34295948	32215027	32843247	33118074	3.22	cps
Terbium	159-2	12812864	12439041	12695799	12649235	1.51	cps
Thallium	203-1	458	242	417	372	30.89	cps
Thallium	205-1	825	733	833	797	6.96	cps
Tin	118-1	1859	1483	1392	1578	15.67	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3652-20ARE	Instrumnet Name :	P8
Client Sample ID :	MEW1Y6A	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 11:50:45	DataFile Name :	022AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3701	3884	3601	3728	3.86	cps
Uranium	238-1	8178	8303	8420	8300	1.46	cps
Vanadium	51-2	4017	3931	4201	4050	3.41	cps
Ytterbium	172-1	467	450	442	453	2.81	cps
Ytterbium	172-2	250	256	233	246	4.70	cps
Ytterbium	176-1	3984	4092	3876	3984	2.72	cps
Ytterbium	176-2	3451	3295	3223	3323	3.50	cps
Yttrium	89-1	50731628	49136939	49441359	49769975	1.70	cps
Yttrium	89-2	4804224	4812897	4682556	4766559	1.53	cps
Zinc	66-2	2017	1910	1867	1931	4.00	cps
Zirconium	90-1	21425	21810	21809	21681	1.02	cps
Zirconium	91-1	4818	4968	4709	4832	2.69	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3652-10	Instrumnet Name :	P8
Client Sample ID :	EW1X3	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 11:53:41	DataFile Name :	023AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1519	1019	1150	1229	21.12	cps
Antimony	121-1	267	342	250	286	17.07	cps
Arsenic	75-2	372	396	395	388	3.50	cps
Barium	135-1	534737	540477	533940	536385	0.66	cps
Barium	137-1	930271	948990	945642	941634	1.06	cps
Beryllium	9-1	84	78	64	75	13.62	cps
Bismuth	209-1	18827147	18922153	19101651	18950317	0.74	cps
Bismuth	209-2	8435488	8836300	8776929	8682906	2.49	cps
Boron	10-1	61881	64743	66788	64471	3.82	cps
Boron	11-1	286392	300830	304281	297168	3.19	cps
Bromine	81-1	59688	62875	62663	61742	2.89	cps
Cadmium	111-1	1467	1412	1413	1431	2.17	cps
Cadmium	106-1	14942	14074	14166	14394	3.31	cps
Cadmium	108-1	75	58	58	64	15.06	cps
Calcium	43-1	3961164	3892351	3902896	3918804	0.95	cps
Calcium	44-1	62704575	64032055	62435308	63057313	1.36	cps
Carbon	12-1	11016920	11422675	11857956	11432517	3.68	cps
Carbon	12-2	127089	127022	130501	128204	1.55	cps
Chlorine	35-1	1252638	1290859	1317233	1286910	2.52	cps
Chlorine	35-2	9854	9478	9920	9751	2.44	cps
Chromium	52-2	1910	1817	1783	1837	3.58	cps
Cobalt	59-2	697	780	780	752	6.40	cps
Copper	63-2	1437	1457	1560	1485	4.46	cps
Dysprosium	156-1	42	83	25	50	60.09	cps
Dysprosium	156-2	23	30	13	22	37.76	cps
Erbium	164-1	333	283	308	308	8.11	cps
Erbium	164-2	120	127	127	124	3.09	cps
Gadolinium	160-1	283	308	325	306	6.86	cps
Gadolinium	160-2	70	133	73	92	38.65	cps
Holmium	165-1	31329917	32117424	32108579	31851973	1.42	cps
Holmium	165-2	12194660	12483963	12856036	12511553	2.65	cps
Indium	115-1	27680228	27433439	27559859	27557842	0.45	cps
Indium	115-2	3437622	3689722	3705553	3610966	4.16	cps
Iron	54-2	1198477	1197098	1189278	1194951	0.42	cps
Iron	56-2	21639369	21850880	21409220	21633156	1.02	cps
Iron	57-2	545156	543646	544275	544359	0.14	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3652-10	Instrumnet Name :	P8
Client Sample ID :	EW1X3	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 11:53:41	DataFile Name :	023AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	630	657	663	650	2.71	cps
Lead	206-1	1317	1333	1372	1341	2.13	cps
Lead	207-1	1172	1245	1167	1195	3.63	cps
Lead	208-1	5528	5817	5517	5621	3.03	cps
Lithium	6-1	16536412	17533639	16668477	16912843	3.20	cps
Magnesium	24-2	7165352	6986583	7343017	7164984	2.49	cps
Manganese	55-2	542665	552209	544469	546448	0.93	cps
Molybdenum	94-1	2467	2417	2625	2503	4.35	cps
Molybdenum	95-1	217	225	233	225	3.70	cps
Molybdenum	96-1	842	850	683	792	11.86	cps
Molybdenum	97-1	117	133	92	114	18.41	cps
Molybdenum	98-1	367	325	283	325	12.82	cps
Neodymium	150-1	87	73	127	96	29.05	cps
Neodymium	150-2	3	17	13	11	62.48	cps
Nickel	60-2	577	473	483	511	11.15	cps
Phosphorus	31-2	1400	1358	1408	1389	1.93	cps
Potassium	39-2	721149	714814	729608	721857	1.03	cps
Rhodium	103-1	25658325	25760488	26138575	25852463	0.98	cps
Rhodium	103-2	10332816	10964702	10984445	10760654	3.44	cps
Scandium	45-1	20527799	21042635	20793701	20788045	1.24	cps
Scandium	45-2	630770	660616	662183	651189	2.72	cps
Selenium	82-1	70	34	65	56	34.70	cps
Selenium	77-2	10	0	0	3	173.21	cps
Selenium	78-2	33	26	34	31	14.06	cps
Silicon	28-1	78230589	77786043	79530977	78515870	1.15	cps
Silver	107-1	408	417	350	392	9.27	cps
Silver	109-1	158	258	108	175	43.64	cps
Sodium	23-2	10210472	9965770	10397817	10191353	2.13	cps
Strontium	86-1	514500	504255	506761	508505	1.05	cps
Strontium	88-1	4332837	4301134	4199797	4277922	1.62	cps
Sulfur	34-1	585182	585125	581294	583867	0.38	cps
Terbium	159-1	32677170	32061355	33119838	32619454	1.63	cps
Terbium	159-2	11932479	12252067	12654229	12279592	2.95	cps
Thallium	203-1	358	250	275	294	19.27	cps
Thallium	205-1	908	792	758	819	9.61	cps
Tin	118-1	1892	1717	1550	1720	9.94	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3652-10	Instrumnet Name :	P8
Client Sample ID :	EW1X3	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 11:53:41	DataFile Name :	023AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3100	2692	2650	2814	8.84	cps
Uranium	238-1	217	125	83	142	48.15	cps
Vanadium	51-2	520	480	630	543	14.30	cps
Ytterbium	172-1	108	117	150	125	17.64	cps
Ytterbium	172-2	67	44	44	52	24.74	cps
Ytterbium	176-1	3651	3642	4051	3781	6.17	cps
Ytterbium	176-2	3095	3006	3039	3047	1.47	cps
Yttrium	89-1	48386168	49748898	48367879	48834315	1.62	cps
Yttrium	89-2	4501460	4633266	4710655	4615127	2.29	cps
Zinc	66-2	1913	2087	2170	2057	6.37	cps
Zirconium	90-1	7044	7219	7094	7119	1.27	cps
Zirconium	91-1	1383	1500	1517	1467	4.95	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3652-14	Instrumnet Name :	P8
Client Sample ID :	EW1Y4	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 11:56:34	DataFile Name :	024AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15301	15175	14880	15119	1.43	cps
Antimony	121-1	475	350	408	411	15.21	cps
Arsenic	75-2	3316	3339	3439	3364	1.94	cps
Barium	135-1	1040258	1037155	1056513	1044642	1.00	cps
Barium	137-1	1819814	1757462	1786281	1787852	1.75	cps
Beryllium	9-1	134	106	120	120	11.66	cps
Bismuth	209-1	18770526	19439696	17916173	18708798	4.08	cps
Bismuth	209-2	8769931	8594500	8699503	8687978	1.02	cps
Boron	10-1	51154	53191	54161	52835	2.90	cps
Boron	11-1	232995	249346	248960	243767	3.83	cps
Bromine	81-1	78962	84267	91116	84781	7.19	cps
Cadmium	111-1	1542	1572	1467	1527	3.54	cps
Cadmium	106-1	14208	14408	13932	14183	1.68	cps
Cadmium	108-1	100	50	108	86	36.64	cps
Calcium	43-1	3714039	3733537	3734933	3727503	0.31	cps
Calcium	44-1	60277813	59262095	60342866	59960925	1.01	cps
Carbon	12-1	11897725	12456452	12580663	12311613	2.95	cps
Carbon	12-2	133780	137290	137717	136262	1.59	cps
Chlorine	35-1	1122735	1131929	1150105	1134923	1.23	cps
Chlorine	35-2	7627	7802	7819	7750	1.37	cps
Chromium	52-2	3374	3417	3384	3392	0.67	cps
Cobalt	59-2	1717	1767	1573	1686	5.95	cps
Copper	63-2	3020	3070	2990	3027	1.34	cps
Dysprosium	156-1	417	425	442	428	2.98	cps
Dysprosium	156-2	170	133	130	144	15.36	cps
Erbium	164-1	675	600	567	614	9.04	cps
Erbium	164-2	197	197	263	219	17.58	cps
Gadolinium	160-1	750	683	650	694	7.33	cps
Gadolinium	160-2	283	280	250	271	6.77	cps
Holmium	165-1	31052650	30665588	29528480	30415573	2.60	cps
Holmium	165-2	12583359	12172421	12382554	12379445	1.66	cps
Indium	115-1	27124984	26825280	25576283	26508849	3.10	cps
Indium	115-2	3599943	3591358	3578842	3590048	0.30	cps
Iron	54-2	3866560	3825404	3857996	3849987	0.56	cps
Iron	56-2	69737909	70950015	69853782	70180569	0.95	cps
Iron	57-2	1760086	1793173	1745755	1766338	1.38	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3652-14	Instrumnet Name :	P8
Client Sample ID :	EW1Y4	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 11:56:34	DataFile Name :	024AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	667	727	663	686	5.20	cps
Lead	206-1	3351	3206	2973	3176	6.00	cps
Lead	207-1	2539	2739	2517	2598	4.71	cps
Lead	208-1	12391	12052	12130	12191	1.46	cps
Lithium	6-1	16648646	16809466	15974561	16477557	2.69	cps
Magnesium	24-2	6204209	6207196	6293010	6234805	0.81	cps
Manganese	55-2	1154973	1155197	1155571	1155247	0.03	cps
Molybdenum	94-1	3642	4259	3684	3862	8.93	cps
Molybdenum	95-1	950	1008	1083	1014	6.59	cps
Molybdenum	96-1	2217	2309	2159	2228	3.39	cps
Molybdenum	97-1	617	667	642	642	3.90	cps
Molybdenum	98-1	1650	1500	1617	1589	4.96	cps
Neodymium	150-1	733	660	667	687	5.91	cps
Neodymium	150-2	203	163	167	178	12.48	cps
Nickel	60-2	1023	1130	1130	1095	5.63	cps
Phosphorus	31-2	5768	6218	5543	5843	5.88	cps
Potassium	39-2	286397	290842	292143	289794	1.04	cps
Rhodium	103-1	25467860	24791378	24079038	24779425	2.80	cps
Rhodium	103-2	10886027	10725404	10916744	10842725	0.95	cps
Scandium	45-1	20534438	20092850	19536472	20054587	2.49	cps
Scandium	45-2	655852	644046	647075	648991	0.94	cps
Selenium	82-1	31	-10	53	25	129.20	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	34	40	50	41	19.57	cps
Silicon	28-1	174019025	173755737	174407196	174060653	0.19	cps
Silver	107-1	300	425	417	381	18.36	cps
Silver	109-1	200	150	158	169	15.81	cps
Sodium	23-2	5161576	5123953	5212395	5165974	0.86	cps
Strontium	86-1	959666	938461	962617	953582	1.38	cps
Strontium	88-1	7807333	7767561	7963234	7846042	1.32	cps
Sulfur	34-1	551692	552266	549521	551160	0.26	cps
Terbium	159-1	32867071	32381774	31290507	32179784	2.51	cps
Terbium	159-2	12441724	12381796	12262049	12361856	0.74	cps
Thallium	203-1	375	267	250	297	22.84	cps
Thallium	205-1	708	850	783	781	9.08	cps
Tin	118-1	2850	2567	3025	2814	8.22	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3652-14	Instrumnet Name :	P8
Client Sample ID :	EW1Y4	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 11:56:34	DataFile Name :	024AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	11955	12089	12598	12214	2.78	cps
Uranium	238-1	417	450	367	411	10.20	cps
Vanadium	51-2	1967	2254	1973	2065	7.93	cps
Ytterbium	172-1	167	233	175	192	18.95	cps
Ytterbium	172-2	111	89	133	111	20.00	cps
Ytterbium	176-1	3709	3734	3892	3778	2.63	cps
Ytterbium	176-2	3006	3050	2939	2999	1.87	cps
Yttrium	89-1	47089371	47232003	46012384	46777919	1.43	cps
Yttrium	89-2	4725320	4597476	4673866	4665554	1.38	cps
Zinc	66-2	6582	6151	6635	6456	4.11	cps
Zirconium	90-1	8978	8686	8811	8825	1.66	cps
Zirconium	91-1	1725	1834	1950	1836	6.13	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3652-18	Instrumnet Name :	P8
Client Sample ID :	EW1Z5	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 11:59:30	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1357	1370	1335	1354	1.31	cps
Antimony	121-1	325	408	258	331	22.74	cps
Arsenic	75-2	281	307	332	307	8.32	cps
Barium	135-1	289946	290588	293169	291235	0.59	cps
Barium	137-1	504002	495840	504994	501612	1.00	cps
Beryllium	9-1	116	110	106	111	4.55	cps
Bismuth	209-1	18837916	18700948	19685644	19074836	2.80	cps
Bismuth	209-2	8639422	8683517	8705633	8676191	0.39	cps
Boron	10-1	60245	61642	65819	62569	4.64	cps
Boron	11-1	277901	284128	298664	286898	3.71	cps
Bromine	81-1	38040	39175	40028	39081	2.55	cps
Cadmium	111-1	1400	1442	1400	1414	1.70	cps
Cadmium	106-1	14450	14842	14058	14450	2.71	cps
Cadmium	108-1	88	108	63	86	26.65	cps
Calcium	43-1	7077280	7134599	6762221	6991366	2.87	cps
Calcium	44-1	114242245	115626439	112522095	114130260	1.36	cps
Carbon	12-1	11944952	12339261	12772558	12352257	3.35	cps
Carbon	12-2	133168	136002	136087	135085	1.23	cps
Chlorine	35-1	978109	1000532	1005976	994872	1.48	cps
Chlorine	35-2	6902	6368	7019	6763	5.13	cps
Chromium	52-2	3247	3577	3437	3420	4.84	cps
Cobalt	59-2	1220	1357	1363	1313	6.16	cps
Copper	63-2	1520	1517	1313	1450	8.16	cps
Dysprosium	156-1	617	667	708	664	6.91	cps
Dysprosium	156-2	350	317	363	343	7.00	cps
Erbium	164-1	1050	967	1050	1022	4.71	cps
Erbium	164-2	420	363	333	372	11.82	cps
Gadolinium	160-1	992	1200	1025	1072	10.44	cps
Gadolinium	160-2	440	393	543	459	16.73	cps
Holmium	165-1	32050300	31443635	31982724	31825553	1.04	cps
Holmium	165-2	12869816	12540098	12715652	12708522	1.30	cps
Indium	115-1	27922856	27158915	27097874	27393215	1.68	cps
Indium	115-2	3666989	3650574	3659675	3659079	0.22	cps
Iron	54-2	2558994	2496500	2514445	2523313	1.28	cps
Iron	56-2	45792697	45659961	46516230	45989629	1.00	cps
Iron	57-2	1133656	1130564	1162106	1142109	1.52	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3652-18	Instrumnet Name :	P8
Client Sample ID :	EW1Z5	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 11:59:30	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	643	720	660	674	5.98	cps
Lead	206-1	1228	1172	1311	1237	5.65	cps
Lead	207-1	961	967	1022	983	3.44	cps
Lead	208-1	4523	4528	4895	4649	4.59	cps
Lithium	6-1	17951279	16939280	16561959	17150839	4.19	cps
Magnesium	24-2	4378418	4385697	4462675	4408930	1.06	cps
Manganese	55-2	2215018	2217545	2239269	2223944	0.60	cps
Molybdenum	94-1	6543	6560	6602	6568	0.46	cps
Molybdenum	95-1	1058	1008	1042	1036	2.46	cps
Molybdenum	96-1	2375	2292	2159	2275	4.80	cps
Molybdenum	97-1	608	575	542	575	5.80	cps
Molybdenum	98-1	1650	1317	1408	1458	11.81	cps
Neodymium	150-1	827	993	807	876	11.71	cps
Neodymium	150-2	233	240	280	251	10.05	cps
Nickel	60-2	1290	1340	1270	1300	2.77	cps
Phosphorus	31-2	908	600	742	750	20.58	cps
Potassium	39-2	1461097	1425432	1434542	1440357	1.29	cps
Rhodium	103-1	25584572	25887574	25459337	25643828	0.86	cps
Rhodium	103-2	11083494	11001843	10784896	10956744	1.41	cps
Scandium	45-1	21319498	21106296	20651024	21025606	1.62	cps
Scandium	45-2	671828	671783	668381	670664	0.29	cps
Selenium	82-1	111	62	141	105	38.23	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	33	31	24	29	16.11	cps
Silicon	28-1	72841387	71419285	72748437	72336370	1.10	cps
Silver	107-1	317	175	225	239	30.07	cps
Silver	109-1	42	117	67	75	50.92	cps
Sodium	23-2	19856768	19568760	19667521	19697683	0.74	cps
Strontium	86-1	990066	993856	986141	990021	0.39	cps
Strontium	88-1	8317502	8188785	8136144	8214144	1.14	cps
Sulfur	34-1	3239964	3329182	3320830	3296659	1.49	cps
Terbium	159-1	33595167	32927325	33053166	33191886	1.07	cps
Terbium	159-2	12852335	12702898	12310407	12621880	2.22	cps
Thallium	203-1	292	342	358	331	10.50	cps
Thallium	205-1	717	875	675	756	13.97	cps
Tin	118-1	1475	1700	1550	1575	7.27	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3652-18	Instrumnet Name :	P8
Client Sample ID :	EW1Z5	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 11:59:30	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2067	2275	1808	2050	11.41	cps
Uranium	238-1	1792	1508	1767	1689	9.29	cps
Vanadium	51-2	2824	2794	2824	2814	0.62	cps
Ytterbium	172-1	367	375	433	392	9.27	cps
Ytterbium	172-2	189	206	228	207	9.41	cps
Ytterbium	176-1	4059	3976	3751	3928	4.06	cps
Ytterbium	176-2	3134	2873	3006	3004	4.35	cps
Yttrium	89-1	49464316	49033539	48878678	49125511	0.62	cps
Yttrium	89-2	4879649	4782467	4843576	4835231	1.02	cps
Zinc	66-2	1600	1640	1813	1685	6.73	cps
Zirconium	90-1	16944	17939	17512	17465	2.86	cps
Zirconium	91-1	3917	3592	3642	3717	4.71	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3652-19	Instrumnet Name :	P8
Client Sample ID :	EW1Z7	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 12:02:24	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3305	3416	3346	3356	1.68	cps
Antimony	121-1	917	933	925	925	0.90	cps
Arsenic	75-2	723	776	787	762	4.49	cps
Barium	135-1	239283	232618	242586	238162	2.13	cps
Barium	137-1	416278	414073	406976	412443	1.18	cps
Beryllium	9-1	178	166	166	170	4.08	cps
Bismuth	209-1	18372794	19254510	19431721	19019675	2.98	cps
Bismuth	209-2	8672399	8631301	8982460	8762053	2.19	cps
Boron	10-1	62183	64500	65478	64054	2.64	cps
Boron	11-1	280648	297639	308614	295634	4.77	cps
Bromine	81-1	106915	125474	132757	121715	10.95	cps
Cadmium	111-1	1408	1393	1347	1382	2.31	cps
Cadmium	106-1	14575	14283	13999	14286	2.01	cps
Cadmium	108-1	113	63	100	92	28.39	cps
Calcium	43-1	6491535	6538825	6365291	6465217	1.39	cps
Calcium	44-1	105324895	106925105	103727234	105325744	1.52	cps
Carbon	12-1	12195862	12580313	13127181	12634452	3.70	cps
Carbon	12-2	136000	138853	138516	137790	1.13	cps
Chlorine	35-1	1177725	1200956	1253034	1210572	3.19	cps
Chlorine	35-2	9470	9537	9545	9517	0.43	cps
Chromium	52-2	3861	3961	3867	3896	1.44	cps
Cobalt	59-2	1370	1427	1463	1420	3.31	cps
Copper	63-2	1627	1457	1667	1583	7.04	cps
Dysprosium	156-1	483	475	458	472	2.70	cps
Dysprosium	156-2	250	240	213	234	8.08	cps
Erbium	164-1	1150	950	892	997	13.59	cps
Erbium	164-2	470	370	293	378	23.45	cps
Gadolinium	160-1	867	967	950	928	5.78	cps
Gadolinium	160-2	353	343	340	346	2.01	cps
Holmium	165-1	31820857	31475326	31967079	31754421	0.80	cps
Holmium	165-2	12369993	12852434	13055899	12759442	2.76	cps
Indium	115-1	27126338	27714308	27098788	27313145	1.27	cps
Indium	115-2	3668048	3675069	3818814	3720644	2.29	cps
Iron	54-2	1687628	1674265	1626864	1662919	1.92	cps
Iron	56-2	29902951	30422615	30068582	30131383	0.88	cps
Iron	57-2	752778	751230	756802	753603	0.38	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3652-19	Instrumnet Name :	P8
Client Sample ID :	EW1Z7	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 12:02:24	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	677	753	647	692	7.95	cps
Lead	206-1	1678	1539	1650	1622	4.53	cps
Lead	207-1	1422	1272	1272	1322	6.55	cps
Lead	208-1	6456	5995	6040	6164	4.13	cps
Lithium	6-1	16534179	17155966	17500307	17063484	2.87	cps
Magnesium	24-2	7705699	7701194	7747998	7718297	0.33	cps
Manganese	55-2	1263750	1264992	1237183	1255308	1.25	cps
Molybdenum	94-1	9971	10571	10021	10187	3.27	cps
Molybdenum	95-1	4342	4101	3859	4101	5.90	cps
Molybdenum	96-1	6026	5960	5593	5860	3.98	cps
Molybdenum	97-1	2484	2442	2675	2534	4.91	cps
Molybdenum	98-1	6535	6310	6452	6432	1.77	cps
Neodymium	150-1	447	500	540	496	9.45	cps
Neodymium	150-2	117	190	147	151	24.40	cps
Nickel	60-2	1113	1110	1080	1101	1.67	cps
Phosphorus	31-2	1058	1017	867	981	10.28	cps
Potassium	39-2	1620500	1602085	1606787	1609791	0.59	cps
Rhodium	103-1	25711812	25938218	25857740	25835923	0.44	cps
Rhodium	103-2	10699412	10755351	11183767	10879510	2.44	cps
Scandium	45-1	21209788	21389152	21615545	21404829	0.95	cps
Scandium	45-2	661542	677895	674014	671150	1.27	cps
Selenium	82-1	119	20	156	98	71.48	cps
Selenium	77-2	7	10	0	6	91.64	cps
Selenium	78-2	38	28	40	35	18.20	cps
Silicon	28-1	60273074	61981833	60059603	60771503	1.73	cps
Silver	107-1	300	225	233	253	16.26	cps
Silver	109-1	117	75	83	92	24.05	cps
Sodium	23-2	21419769	21321805	21434747	21392107	0.29	cps
Strontium	86-1	1468980	1483116	1457908	1470001	0.86	cps
Strontium	88-1	12740582	12516954	12239813	12499116	2.01	cps
Sulfur	34-1	2499828	2523581	2479364	2500925	0.88	cps
Terbium	159-1	33288779	34042164	33433095	33588013	1.19	cps
Terbium	159-2	12212303	12488915	12806951	12502723	2.38	cps
Thallium	203-1	225	250	300	258	14.78	cps
Thallium	205-1	667	817	767	750	10.18	cps
Tin	118-1	2242	2175	2259	2225	1.98	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3652-19	Instrumnet Name :	P8
Client Sample ID :	EW1Z7	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 12:02:24	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3701	3351	3851	3634	7.06	cps
Uranium	238-1	8036	8870	9137	8681	6.61	cps
Vanadium	51-2	4291	4161	4394	4282	2.73	cps
Ytterbium	172-1	500	358	400	419	17.36	cps
Ytterbium	172-2	283	211	217	237	16.95	cps
Ytterbium	176-1	4092	4226	4201	4173	1.70	cps
Ytterbium	176-2	2856	2912	2567	2778	6.66	cps
Yttrium	89-1	49399584	48660553	48959704	49006614	0.76	cps
Yttrium	89-2	4629088	4660083	4822984	4704052	2.21	cps
Zinc	66-2	2094	2084	2100	2092	0.40	cps
Zirconium	90-1	22961	21091	22327	22126	4.30	cps
Zirconium	91-1	4934	5051	5334	5107	4.03	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3654-01	Instrumnet Name :	P8
Client Sample ID :	EW1Z2	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 12:14:03	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2352	2360	2434	2382	1.89	cps
Antimony	121-1	292	233	292	272	12.37	cps
Arsenic	75-2	992	976	903	957	4.96	cps
Barium	135-1	130233	132756	135474	132821	1.97	cps
Barium	137-1	232036	231752	237416	233735	1.37	cps
Beryllium	9-1	76	62	52	63	19.04	cps
Bismuth	209-1	19584012	19106694	18995876	19228861	1.63	cps
Bismuth	209-2	8489616	8744208	8343042	8525622	2.38	cps
Boron	10-1	37943	40847	43094	40628	6.36	cps
Boron	11-1	172749	188609	192216	184525	5.61	cps
Bromine	81-1	19263	19514	19564	19447	0.83	cps
Cadmium	111-1	1343	1340	1390	1358	2.07	cps
Cadmium	106-1	13524	14033	14224	13927	2.60	cps
Cadmium	108-1	79	108	100	96	15.68	cps
Calcium	43-1	3253393	3270209	3222066	3248556	0.75	cps
Calcium	44-1	52786562	52498382	51164698	52149881	1.66	cps
Carbon	12-1	66353997	67449112	69677679	67826929	2.50	cps
Carbon	12-2	688401	705671	698030	697367	1.24	cps
Chlorine	35-1	556381	578311	594934	576542	3.35	cps
Chlorine	35-2	3884	4417	4076	4126	6.55	cps
Chromium	52-2	2140	2124	2247	2170	3.08	cps
Cobalt	59-2	1863	1857	1807	1842	1.68	cps
Copper	63-2	1280	1387	1287	1318	4.53	cps
Dysprosium	156-1	508	442	475	475	7.02	cps
Dysprosium	156-2	200	220	233	218	7.71	cps
Erbium	164-1	700	708	600	669	9.01	cps
Erbium	164-2	213	273	273	253	13.67	cps
Gadolinium	160-1	750	758	908	806	11.06	cps
Gadolinium	160-2	353	343	303	333	7.94	cps
Holmium	165-1	30864952	30241735	30939166	30681951	1.25	cps
Holmium	165-2	12248690	12788504	12217029	12418074	2.59	cps
Indium	115-1	26726411	26694142	26444767	26621773	0.58	cps
Indium	115-2	3513615	3482603	3461697	3485972	0.75	cps
Iron	54-2	851732	874358	859387	861826	1.34	cps
Iron	56-2	15540686	16013938	15377872	15644165	2.11	cps
Iron	57-2	387314	387502	386377	387064	0.16	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3654-01	Instrumnet Name :	P8
Client Sample ID :	EW1Z2	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 12:14:03	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	593	653	623	623	4.81	cps
Lead	206-1	1011	1050	1156	1072	6.97	cps
Lead	207-1	872	883	972	909	6.03	cps
Lead	208-1	3873	4306	4523	4234	7.82	cps
Lithium	6-1	16879949	16254178	16640112	16591413	1.90	cps
Magnesium	24-2	3992100	4045205	3998627	4011978	0.72	cps
Manganese	55-2	4266802	4376509	4311813	4318375	1.28	cps
Molybdenum	94-1	9120	8853	9020	8998	1.50	cps
Molybdenum	95-1	11839	10946	11038	11274	4.35	cps
Molybdenum	96-1	12623	12606	12281	12503	1.54	cps
Molybdenum	97-1	7160	6977	6677	6938	3.52	cps
Molybdenum	98-1	18313	17712	18096	18040	1.69	cps
Neodymium	150-1	573	587	573	578	1.33	cps
Neodymium	150-2	180	183	167	177	4.99	cps
Nickel	60-2	1250	1190	1350	1263	6.40	cps
Phosphorus	31-2	533	650	658	614	11.38	cps
Potassium	39-2	1093321	1080854	1068390	1080855	1.15	cps
Rhodium	103-1	24634564	23977045	24570756	24394122	1.49	cps
Rhodium	103-2	10425336	10463789	10291072	10393399	0.87	cps
Scandium	45-1	20155206	19430257	19075867	19553777	2.81	cps
Scandium	45-2	619592	628308	603462	617120	2.04	cps
Selenium	82-1	22	31	15	23	35.12	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	28	25	29	27	7.62	cps
Silicon	28-1	40968343	40051614	40882743	40634233	1.25	cps
Silver	107-1	258	308	233	267	14.32	cps
Silver	109-1	58	42	50	50	16.67	cps
Sodium	23-2	12708797	12899387	12700309	12769498	0.88	cps
Strontium	86-1	637883	627624	630477	631995	0.84	cps
Strontium	88-1	5261123	5238213	5294814	5264717	0.54	cps
Sulfur	34-1	1110973	1097498	1084753	1097741	1.19	cps
Terbium	159-1	32276734	33191228	32391930	32619964	1.53	cps
Terbium	159-2	12101516	12158470	12191482	12150489	0.37	cps
Thallium	203-1	175	325	417	306	39.93	cps
Thallium	205-1	700	783	733	739	5.68	cps
Tin	118-1	1608	1583	1658	1617	2.36	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3654-01	Instrumnet Name :	P8
Client Sample ID :	EW1Z2	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 12:14:03	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1133	1200	1033	1122	7.48	cps
Uranium	238-1	1967	1850	1642	1820	9.05	cps
Vanadium	51-2	690	767	717	724	5.37	cps
Ytterbium	172-1	300	408	192	300	36.11	cps
Ytterbium	172-2	150	172	156	159	7.26	cps
Ytterbium	176-1	3859	3959	4084	3967	2.84	cps
Ytterbium	176-2	3739	4078	3612	3810	6.33	cps
Yttrium	89-1	47415874	46349798	46232794	46666155	1.40	cps
Yttrium	89-2	4362346	4517490	4413401	4431079	1.78	cps
Zinc	66-2	24368	24935	24792	24698	1.19	cps
Zirconium	90-1	7777	7803	7436	7672	2.67	cps
Zirconium	91-1	1825	1667	1759	1750	4.54	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3654-02	Instrumnet Name :	P8
Client Sample ID :	EW1Z3	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 12:16:57	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13590	13943	13861	13798	1.34	cps
Antimony	121-1	825	592	717	711	16.42	cps
Arsenic	75-2	5371	5303	5493	5389	1.79	cps
Barium	135-1	185475	182891	183643	184003	0.72	cps
Barium	137-1	319253	325017	326288	323520	1.16	cps
Beryllium	9-1	262	260	238	253	5.26	cps
Bismuth	209-1	17066471	16982683	16525164	16858106	1.73	cps
Bismuth	209-2	7820907	7644529	7766543	7743993	1.17	cps
Boron	10-1	92820	96415	102154	97130	4.85	cps
Boron	11-1	423384	448070	475054	448836	5.76	cps
Bromine	81-1	72642	85507	96820	84989	14.23	cps
Cadmium	111-1	1467	1473	1500	1480	1.18	cps
Cadmium	106-1	14675	15651	14909	15078	3.38	cps
Cadmium	108-1	208	304	225	246	20.83	cps
Calcium	43-1	19655346	19783517	20568244	20002369	2.47	cps
Calcium	44-1	323840420	324427307	329084875	325784201	0.88	cps
Carbon	12-1	199772142	208766442	207349067	205295884	2.36	cps
Carbon	12-2	1768808	1744105	1771918	1761610	0.87	cps
Chlorine	35-1	993658	1109481	1156897	1086679	7.73	cps
Chlorine	35-2	9036	9595	10162	9598	5.86	cps
Chromium	52-2	10701	10858	10641	10733	1.04	cps
Cobalt	59-2	1997	2040	1930	1989	2.79	cps
Copper	63-2	2174	2094	2124	2130	1.90	cps
Dysprosium	156-1	525	533	533	531	0.91	cps
Dysprosium	156-2	163	240	230	211	19.74	cps
Erbium	164-1	817	608	608	678	17.75	cps
Erbium	164-2	347	257	323	309	15.12	cps
Gadolinium	160-1	1008	750	817	858	15.63	cps
Gadolinium	160-2	320	310	357	329	7.47	cps
Holmium	165-1	30800505	30619247	30512872	30644208	0.47	cps
Holmium	165-2	12273257	12290768	12157736	12240587	0.59	cps
Indium	115-1	25465176	24907604	25190870	25187883	1.11	cps
Indium	115-2	3422019	3430862	3369792	3407558	0.97	cps
Iron	54-2	12465020	12201326	12655943	12440763	1.83	cps
Iron	56-2	227682416	228123105	233288750	229698090	1.36	cps
Iron	57-2	5661518	5681544	5715858	5686307	0.48	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3654-02	Instrumnet Name :	P8
Client Sample ID :	EW1Z3	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 12:16:57	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	733	757	757	749	1.80	cps
Lead	206-1	1917	1989	1939	1948	1.90	cps
Lead	207-1	1683	1850	1550	1695	8.87	cps
Lead	208-1	7445	7768	7351	7521	2.91	cps
Lithium	6-1	15133905	15366073	15632220	15377400	1.62	cps
Magnesium	24-2	20895513	21440367	21561650	21299177	1.67	cps
Manganese	55-2	2992206	2954178	2996456	2980947	0.78	cps
Molybdenum	94-1	50216	52567	56008	52930	5.50	cps
Molybdenum	95-1	1909	2109	2117	2045	5.77	cps
Molybdenum	96-1	11163	11213	12047	11475	4.33	cps
Molybdenum	97-1	975	967	1083	1008	6.45	cps
Molybdenum	98-1	2325	2292	2425	2347	2.96	cps
Neodymium	150-1	653	627	700	660	5.62	cps
Neodymium	150-2	157	147	157	153	3.77	cps
Nickel	60-2	1610	1740	1470	1607	8.40	cps
Phosphorus	31-2	3134	3159	2875	3056	5.13	cps
Potassium	39-2	2721364	2731609	2728970	2727314	0.20	cps
Rhodium	103-1	21775842	22327242	22747862	22283649	2.19	cps
Rhodium	103-2	10056552	9876098	9891430	9941360	1.01	cps
Scandium	45-1	18963028	19532037	19701885	19398983	1.99	cps
Scandium	45-2	633699	636790	651237	640576	1.46	cps
Selenium	82-1	-27	6	7	-4	-432.68	cps
Selenium	77-2	10	3	10	8	49.52	cps
Selenium	78-2	36	34	26	32	16.54	cps
Silicon	28-1	108795115	111374902	113637869	111269296	2.18	cps
Silver	107-1	325	408	292	342	17.59	cps
Silver	109-1	83	67	58	69	18.34	cps
Sodium	23-2	424328576	427828801	428064118	426740498	0.49	cps
Strontium	86-1	2602514	2588447	2597247	2596069	0.27	cps
Strontium	88-1	21953517	22595838	22234322	22261226	1.45	cps
Sulfur	34-1	44083338	45012119	44610255	44568571	1.05	cps
Terbium	159-1	31285251	31617125	30213312	31038563	2.36	cps
Terbium	159-2	12050968	12115184	12124947	12097033	0.33	cps
Thallium	203-1	383	250	242	292	27.26	cps
Thallium	205-1	700	767	817	761	7.69	cps
Tin	118-1	2717	2709	2659	2695	1.17	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3654-02	Instrumnet Name :	P8
Client Sample ID :	EW1Z3	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 12:16:57	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	13558	13841	16401	14600	10.73	cps
Uranium	238-1	833	808	1092	911	17.22	cps
Vanadium	51-2	11355	11335	11812	11500	2.35	cps
Ytterbium	172-1	408	458	408	425	6.79	cps
Ytterbium	172-2	139	161	228	176	26.31	cps
Ytterbium	176-1	4276	4301	4101	4226	2.58	cps
Ytterbium	176-2	3178	3345	3300	3275	2.64	cps
Yttrium	89-1	46144273	46393119	45584073	46040488	0.90	cps
Yttrium	89-2	4639142	4558307	4637061	4611503	1.00	cps
Zinc	66-2	2800	2814	2824	2813	0.42	cps
Zirconium	90-1	137078	137786	138441	137769	0.49	cps
Zirconium	91-1	31102	30902	30994	30999	0.32	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3654-03	Instrumnet Name :	P8
Client Sample ID :	EW1Z4	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 12:19:56	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9271	9231	9341	9281	0.60	cps
Antimony	121-1	633	525	542	567	10.29	cps
Arsenic	75-2	685	670	753	703	6.30	cps
Barium	135-1	194489	198637	195770	196298	1.08	cps
Barium	137-1	332144	346355	352741	343747	3.07	cps
Beryllium	9-1	232	228	238	233	2.16	cps
Bismuth	209-1	13299091	16413994	16557373	15423486	11.94	cps
Bismuth	209-2	7482206	7673131	7703861	7619733	1.58	cps
Boron	10-1	107355	114333	117054	112914	4.43	cps
Boron	11-1	490692	522145	544947	519261	5.25	cps
Bromine	81-1	76386	85094	91097	84192	8.79	cps
Cadmium	111-1	1223	1488	1486	1399	10.91	cps
Cadmium	106-1	13340	16177	16168	15228	10.74	cps
Cadmium	108-1	213	250	271	244	12.09	cps
Calcium	43-1	16376212	16620795	16551241	16516083	0.76	cps
Calcium	44-1	269377768	272537923	266640730	269518807	1.09	cps
Carbon	12-1	184911979	190292792	186608208	187270993	1.47	cps
Carbon	12-2	1580866	1574430	1527551	1560949	1.86	cps
Chlorine	35-1	1473178	1635021	1752677	1620292	8.66	cps
Chlorine	35-2	13340	13990	14833	14054	5.33	cps
Chromium	52-2	13550	13747	13703	13667	0.76	cps
Cobalt	59-2	4541	4601	4544	4562	0.74	cps
Copper	63-2	1580	1227	1353	1387	12.91	cps
Dysprosium	156-1	592	675	708	658	9.13	cps
Dysprosium	156-2	290	277	273	280	3.15	cps
Erbium	164-1	875	1083	958	972	10.79	cps
Erbium	164-2	333	353	327	338	4.11	cps
Gadolinium	160-1	850	942	917	903	5.25	cps
Gadolinium	160-2	407	467	403	426	8.38	cps
Holmium	165-1	24943979	30818013	31452082	29071358	12.34	cps
Holmium	165-2	12203268	12274846	12738852	12405655	2.34	cps
Indium	115-1	20154602	25030485	26312995	23832694	13.63	cps
Indium	115-2	3373012	3498088	3518926	3463342	2.28	cps
Iron	54-2	9305580	9313952	9374525	9331353	0.40	cps
Iron	56-2	168859426	171485565	173376259	171240417	1.32	cps
Iron	57-2	4191656	4237527	4217777	4215653	0.55	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3654-03	Instrumnet Name :	P8
Client Sample ID :	EW1Z4	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 12:19:56	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	853	787	803	814	4.26	cps
Lead	206-1	1006	1061	1067	1045	3.24	cps
Lead	207-1	828	889	933	883	6.00	cps
Lead	208-1	3750	4023	4089	3954	4.54	cps
Lithium	6-1	12738981	15498664	16106479	14781375	12.14	cps
Magnesium	24-2	27637209	27339090	27774432	27583577	0.81	cps
Manganese	55-2	2894222	2874837	2910732	2893264	0.62	cps
Molybdenum	94-1	62759	63815	63948	63507	1.03	cps
Molybdenum	95-1	1475	1217	1225	1306	11.25	cps
Molybdenum	96-1	12089	12264	12623	12325	2.21	cps
Molybdenum	97-1	383	433	583	467	22.30	cps
Molybdenum	98-1	983	1050	975	1003	4.10	cps
Neodymium	150-1	640	727	613	660	8.98	cps
Neodymium	150-2	160	147	197	168	15.43	cps
Nickel	60-2	1510	1403	1430	1448	3.83	cps
Phosphorus	31-2	9570	10004	9929	9834	2.36	cps
Potassium	39-2	3935691	3899988	3978007	3937895	0.99	cps
Rhodium	103-1	18566726	22695110	23329180	21530339	12.01	cps
Rhodium	103-2	9711064	9969720	10090665	9923816	1.95	cps
Scandium	45-1	16322074	20024655	20868717	19071815	12.68	cps
Scandium	45-2	637166	652233	668356	652585	2.39	cps
Selenium	82-1	33	117	109	86	53.91	cps
Selenium	77-2	3	10	3	6	69.34	cps
Selenium	78-2	41	32	45	39	16.93	cps
Silicon	28-1	77545775	77954618	81618383	79039592	2.84	cps
Silver	107-1	233	308	400	314	26.59	cps
Silver	109-1	108	67	108	94	25.47	cps
Sodium	23-2	767829317	755435300	764045967	762436861	0.83	cps
Strontium	86-1	2628176	2639854	2650437	2639489	0.42	cps
Strontium	88-1	22461632	22955168	22726298	22714366	1.09	cps
Sulfur	34-1	60168172	61575720	62483647	61409180	1.90	cps
Terbium	159-1	25509298	31592034	31972343	29691225	12.21	cps
Terbium	159-2	11714738	12207231	12501087	12141018	3.27	cps
Thallium	203-1	267	283	242	264	7.95	cps
Thallium	205-1	783	775	825	794	3.37	cps
Tin	118-1	1592	1733	1842	1722	7.28	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3654-03	Instrumnet Name :	P8
Client Sample ID :	EW1Z4	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 12:19:56	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	22885	22518	24396	23267	4.28	cps
Uranium	238-1	1508	1383	1367	1420	5.46	cps
Vanadium	51-2	21937	21830	22037	21935	0.47	cps
Ytterbium	172-1	483	517	433	478	8.78	cps
Ytterbium	172-2	233	228	178	213	14.37	cps
Ytterbium	176-1	3859	4643	4751	4418	11.02	cps
Ytterbium	176-2	3245	3012	3478	3245	7.19	cps
Yttrium	89-1	39048836	47155634	47914121	44706197	10.99	cps
Yttrium	89-2	4511131	4651527	4939392	4700683	4.64	cps
Zinc	66-2	1890	1713	1783	1796	4.96	cps
Zirconium	90-1	173818	172872	168992	171894	1.49	cps
Zirconium	91-1	37376	37560	37853	37596	0.64	cps

LB Number : LB116249 Operator : Jaswal
 Lab Sample ID : M3654-04 Instrumnet Name : P8
 Client Sample ID : EW1W2 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-10 12:22:52 DataFile Name : 030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1377	1357	1376	1370	0.82	cps
Antimony	121-1	183	233	125	181	30.03	cps
Arsenic	75-2	315	344	344	334	5.01	cps
Barium	135-1	474217	487206	469890	477104	1.89	cps
Barium	137-1	824892	850717	838705	838105	1.54	cps
Beryllium	9-1	100	82	68	83	19.25	cps
Bismuth	209-1	21678746	21747777	21444581	21623701	0.73	cps
Bismuth	209-2	9343040	9833420	9227787	9468082	3.40	cps
Boron	10-1	89607	93331	92741	91893	2.18	cps
Boron	11-1	420557	445287	446173	437339	3.32	cps
Bromine	81-1	60894	67512	70851	66419	7.63	cps
Cadmium	111-1	1921	1725	1741	1796	6.05	cps
Cadmium	106-1	19364	18029	18021	18471	4.19	cps
Cadmium	108-1	58	129	117	101	37.29	cps
Calcium	43-1	5393299	5383900	5290505	5355901	1.06	cps
Calcium	44-1	88267917	87457763	85164225	86963301	1.85	cps
Carbon	12-1	94025927	94693898	99964027	96227951	3.38	cps
Carbon	12-2	831268	812252	870575	838031	3.55	cps
Chlorine	35-1	1932972	2026815	2102648	2020812	4.21	cps
Chlorine	35-2	15517	16952	16260	16243	4.42	cps
Chromium	52-2	4744	4601	4621	4655	1.67	cps
Cobalt	59-2	1083	1170	1103	1119	4.06	cps
Copper	63-2	1473	1523	1460	1486	2.25	cps
Dysprosium	156-1	25	100	58	61	61.49	cps
Dysprosium	156-2	13	23	27	21	32.88	cps
Erbium	164-1	200	242	317	253	23.39	cps
Erbium	164-2	110	113	110	111	1.74	cps
Gadolinium	160-1	283	292	300	292	2.86	cps
Gadolinium	160-2	117	80	83	93	21.73	cps
Holmium	165-1	35764597	35580335	36142685	35829206	0.80	cps
Holmium	165-2	13830524	14421690	13756379	14002865	2.60	cps
Indium	115-1	31794159	31346894	31213768	31451607	0.97	cps
Indium	115-2	3891176	4131275	3984388	4002280	3.02	cps
Iron	54-2	1441924	1495891	1432344	1456720	2.35	cps
Iron	56-2	26154869	25868008	25774056	25932311	0.77	cps
Iron	57-2	646096	665253	646950	652766	1.66	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3654-04	Instrumnet Name :	P8
Client Sample ID :	EW1W2	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 12:22:52	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	607	647	713	656	8.22	cps
Lead	206-1	1183	1000	1311	1165	13.43	cps
Lead	207-1	1000	1017	995	1004	1.15	cps
Lead	208-1	4984	4745	4712	4813	3.09	cps
Lithium	6-1	19102983	18999941	18858348	18987091	0.65	cps
Magnesium	24-2	9401760	9645294	9403229	9483428	1.48	cps
Manganese	55-2	587141	602354	586200	591898	1.53	cps
Molybdenum	94-1	5501	5426	5326	5418	1.62	cps
Molybdenum	95-1	983	1050	933	989	5.92	cps
Molybdenum	96-1	1959	1992	1992	1981	0.97	cps
Molybdenum	97-1	583	517	550	550	6.06	cps
Molybdenum	98-1	1542	1367	1417	1442	6.25	cps
Neodymium	150-1	80	53	60	64	21.54	cps
Neodymium	150-2	10	3	10	8	49.52	cps
Nickel	60-2	767	803	767	779	2.72	cps
Phosphorus	31-2	1583	1400	1600	1528	7.26	cps
Potassium	39-2	863319	876160	849274	862918	1.56	cps
Rhodium	103-1	28392855	29218517	27843970	28485114	2.43	cps
Rhodium	103-2	11760835	12220038	11872153	11951009	2.00	cps
Scandium	45-1	24904776	23448198	23205775	23852917	3.85	cps
Scandium	45-2	703202	758683	717738	726541	3.96	cps
Selenium	82-1	79	40	-45	25	258.42	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	31	38	43	37	16.15	cps
Silicon	28-1	80203039	82526702	78600702	80443481	2.45	cps
Silver	107-1	258	325	258	281	13.72	cps
Silver	109-1	83	83	83	83	0.00	cps
Sodium	23-2	12058367	12589519	12255769	12301218	2.18	cps
Strontium	86-1	804592	807019	810608	807406	0.37	cps
Strontium	88-1	6543546	6681911	6603829	6609762	1.05	cps
Sulfur	34-1	763885	764266	750606	759586	1.02	cps
Terbium	159-1	39484242	36998101	36898810	37793718	3.88	cps
Terbium	159-2	13410595	14351637	13164787	13642340	4.59	cps
Thallium	203-1	300	283	250	278	9.17	cps
Thallium	205-1	783	675	717	725	7.54	cps
Tin	118-1	3084	2625	2867	2859	8.02	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3654-04	Instrumnet Name :	P8
Client Sample ID :	EW1W2	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 12:22:52	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3701	3742	3451	3631	4.35	cps
Uranium	238-1	92	275	117	161	61.71	cps
Vanadium	51-2	873	970	903	916	5.40	cps
Ytterbium	172-1	167	92	167	142	30.56	cps
Ytterbium	172-2	61	72	56	63	13.47	cps
Ytterbium	176-1	4534	4759	4401	4565	3.97	cps
Ytterbium	176-2	2873	3300	3139	3104	6.96	cps
Yttrium	89-1	55123074	54600586	54597798	54773819	0.55	cps
Yttrium	89-2	5094037	5400047	5238128	5244071	2.92	cps
Zinc	66-2	1110	1150	1113	1125	1.97	cps
Zirconium	90-1	13282	13065	13599	13315	2.02	cps
Zirconium	91-1	2925	2975	2650	2850	6.14	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3654-05	Instrumnet Name :	P8
Client Sample ID :	EW1X1	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 12:25:48	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17370	16217	17219	16935	3.70	cps
Antimony	121-1	350	367	367	361	2.67	cps
Arsenic	75-2	1233	1074	1066	1124	8.38	cps
Barium	135-1	1019061	1021069	1047563	1029231	1.55	cps
Barium	137-1	1724572	1750835	1744575	1739994	0.79	cps
Beryllium	9-1	146	100	118	121	19.10	cps
Bismuth	209-1	19470419	20155419	19268191	19631343	2.37	cps
Bismuth	209-2	8918023	8845071	8874382	8879159	0.41	cps
Boron	10-1	44304	46380	48689	46458	4.72	cps
Boron	11-1	207703	210287	216118	211369	2.04	cps
Bromine	81-1	46936	52713	54230	51293	7.50	cps
Cadmium	111-1	1541	1618	1650	1603	3.49	cps
Cadmium	106-1	15300	15451	16277	15676	3.35	cps
Cadmium	108-1	79	33	33	49	54.45	cps
Calcium	43-1	4001095	4060564	4205650	4089103	2.57	cps
Calcium	44-1	65340240	66303850	66977840	66207310	1.24	cps
Carbon	12-1	69212654	72731577	71769283	71237838	2.55	cps
Carbon	12-2	737842	727819	725809	730490	0.88	cps
Chlorine	35-1	1390090	1415402	1458455	1421316	2.43	cps
Chlorine	35-2	10713	10362	10346	10474	1.98	cps
Chromium	52-2	3037	2790	3067	2965	5.12	cps
Cobalt	59-2	1773	1847	1647	1756	5.76	cps
Copper	63-2	2610	2777	2764	2717	3.41	cps
Dysprosium	156-1	425	425	642	497	25.16	cps
Dysprosium	156-2	163	203	190	186	10.98	cps
Erbium	164-1	742	517	550	603	20.15	cps
Erbium	164-2	250	260	217	242	9.37	cps
Gadolinium	160-1	758	667	533	653	17.33	cps
Gadolinium	160-2	297	317	247	287	12.58	cps
Holmium	165-1	31689756	32745016	33411825	32615532	2.66	cps
Holmium	165-2	13066889	12869539	12990676	12975701	0.77	cps
Indium	115-1	29066703	28503428	27860017	28476716	2.12	cps
Indium	115-2	3773060	3735193	3773483	3760578	0.58	cps
Iron	54-2	2513356	2474986	2473481	2487274	0.91	cps
Iron	56-2	45381887	44688930	44761512	44944110	0.85	cps
Iron	57-2	1143902	1137500	1118990	1133464	1.14	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3654-05	Instrumnet Name :	P8
Client Sample ID :	EW1X1	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 12:25:48	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	643	640	617	633	2.29	cps
Lead	206-1	2889	2784	2673	2782	3.90	cps
Lead	207-1	2367	2450	2200	2339	5.44	cps
Lead	208-1	11431	10446	10052	10643	6.67	cps
Lithium	6-1	17737753	18056168	17526963	17773628	1.50	cps
Magnesium	24-2	6540296	6456064	6566880	6521080	0.89	cps
Manganese	55-2	632941	619766	623422	625376	1.09	cps
Molybdenum	94-1	3909	4268	4017	4065	4.52	cps
Molybdenum	95-1	392	292	333	339	14.82	cps
Molybdenum	96-1	1075	1225	1217	1172	7.19	cps
Molybdenum	97-1	158	217	200	192	15.68	cps
Molybdenum	98-1	483	367	575	475	21.98	cps
Neodymium	150-1	787	760	727	758	3.97	cps
Neodymium	150-2	253	200	200	218	14.14	cps
Nickel	60-2	947	940	987	958	2.64	cps
Phosphorus	31-2	4793	4584	4367	4581	4.64	cps
Potassium	39-2	389086	379351	384223	384220	1.27	cps
Rhodium	103-1	26351443	27194103	26378726	26641424	1.80	cps
Rhodium	103-2	11444174	11313516	11417360	11391683	0.61	cps
Scandium	45-1	21671854	21496335	21525035	21564408	0.44	cps
Scandium	45-2	671662	674246	689708	678539	1.44	cps
Selenium	82-1	21	16	43	27	52.91	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	29	26	30	28	7.35	cps
Silicon	28-1	131785895	135313036	134141124	133746685	1.34	cps
Silver	107-1	192	267	242	233	16.37	cps
Silver	109-1	92	58	83	78	22.31	cps
Sodium	23-2	9295071	9251540	9262036	9269549	0.25	cps
Strontium	86-1	629917	625740	633707	629788	0.63	cps
Strontium	88-1	5306779	5272512	5364728	5314673	0.88	cps
Sulfur	34-1	567437	571568	567107	568704	0.44	cps
Terbium	159-1	34304813	34088421	34178194	34190476	0.32	cps
Terbium	159-2	12840291	12426614	13262453	12843119	3.25	cps
Thallium	203-1	275	350	317	314	11.97	cps
Thallium	205-1	817	775	667	753	10.29	cps
Tin	118-1	3017	2767	2800	2861	4.74	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3654-05	Instrumnet Name :	P8
Client Sample ID :	EW1X1	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 12:25:48	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	23707	12948	14795	17150	33.55	cps
Uranium	238-1	433	367	342	381	12.45	cps
Vanadium	51-2	2020	1923	1940	1961	2.64	cps
Ytterbium	172-1	233	292	267	264	11.09	cps
Ytterbium	172-2	111	100	133	115	14.79	cps
Ytterbium	176-1	3901	4176	4443	4173	6.49	cps
Ytterbium	176-2	2656	2828	2661	2715	3.61	cps
Yttrium	89-1	49659229	50838419	51012638	50503429	1.46	cps
Yttrium	89-2	4809484	4792072	4996573	4866043	2.33	cps
Zinc	66-2	7315	7165	7075	7185	1.69	cps
Zirconium	90-1	11422	10630	10946	10999	3.63	cps
Zirconium	91-1	2159	2550	2534	2414	9.17	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3654-06	Instrumnet Name :	P8
Client Sample ID :	EW1X2	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 12:28:42	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4749	5098	4496	4781	6.32	cps
Antimony	121-1	125	58	100	94	35.66	cps
Arsenic	75-2	2053	2026	2065	2048	0.98	cps
Barium	135-1	935855	925609	947241	936235	1.16	cps
Barium	137-1	1594657	1582622	1590299	1589193	0.38	cps
Beryllium	9-1	74	74	70	73	3.18	cps
Bismuth	209-1	19588801	20305776	20508238	20134271	2.40	cps
Bismuth	209-2	8965409	8910552	8825360	8900440	0.79	cps
Boron	10-1	49010	51141	52744	50965	3.68	cps
Boron	11-1	227249	240286	241180	236238	3.30	cps
Bromine	81-1	45651	51698	52843	50064	7.72	cps
Cadmium	111-1	1541	1491	1588	1540	3.15	cps
Cadmium	106-1	15668	15201	16243	15704	3.33	cps
Cadmium	108-1	54	71	75	67	16.53	cps
Calcium	43-1	4071989	4156794	4117171	4115318	1.03	cps
Calcium	44-1	65565917	67265302	66770804	66534008	1.31	cps
Carbon	12-1	71789547	74431323	74361939	73527603	2.05	cps
Carbon	12-2	766438	745292	769952	760561	1.75	cps
Chlorine	35-1	1185093	1231156	1274282	1230177	3.63	cps
Chlorine	35-2	8503	8753	9287	8847	4.53	cps
Chromium	52-2	1720	1687	1807	1738	3.56	cps
Cobalt	59-2	1273	1237	1313	1275	3.01	cps
Copper	63-2	2020	2070	2124	2071	2.50	cps
Dysprosium	156-1	183	133	175	164	16.34	cps
Dysprosium	156-2	50	47	43	47	7.15	cps
Erbium	164-1	292	317	333	314	6.68	cps
Erbium	164-2	120	90	110	107	14.32	cps
Gadolinium	160-1	425	417	283	375	21.20	cps
Gadolinium	160-2	127	127	163	139	15.24	cps
Holmium	165-1	32902507	32906958	33454277	33087914	0.96	cps
Holmium	165-2	13078490	13008945	13021394	13036276	0.28	cps
Indium	115-1	27708257	28486934	28486141	28227111	1.59	cps
Indium	115-2	3748618	3677565	3762630	3729604	1.22	cps
Iron	54-2	1370132	1384024	1375907	1376688	0.51	cps
Iron	56-2	25600057	25756547	25554610	25637071	0.41	cps
Iron	57-2	631154	640522	643020	638232	0.98	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3654-06	Instrumnet Name :	P8
Client Sample ID :	EW1X2	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 12:28:42	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	627	647	663	646	2.84	cps
Lead	206-1	1445	1300	1456	1400	6.20	cps
Lead	207-1	1245	1372	1161	1259	8.44	cps
Lead	208-1	5539	5489	5523	5517	0.46	cps
Lithium	6-1	17956549	18034908	18388411	18126623	1.27	cps
Magnesium	24-2	7043767	6908301	6901298	6951122	1.16	cps
Manganese	55-2	495646	491919	495227	494264	0.41	cps
Molybdenum	94-1	2509	2517	2850	2625	7.43	cps
Molybdenum	95-1	750	683	833	756	9.95	cps
Molybdenum	96-1	1492	1433	1375	1433	4.07	cps
Molybdenum	97-1	400	558	533	497	17.12	cps
Molybdenum	98-1	1167	1200	1200	1189	1.62	cps
Neodymium	150-1	240	2038	200	826	127.09	cps
Neodymium	150-2	67	83	53	68	22.18	cps
Nickel	60-2	723	827	827	792	7.53	cps
Phosphorus	31-2	2942	2617	2592	2717	7.19	cps
Potassium	39-2	334280	334603	336800	335228	0.41	cps
Rhodium	103-1	25763278	25807197	27096868	26222448	2.89	cps
Rhodium	103-2	11241089	11228854	11163989	11211311	0.37	cps
Scandium	45-1	21214069	21469683	22167981	21617244	2.28	cps
Scandium	45-2	681420	670645	677333	676466	0.80	cps
Selenium	82-1	24	69	26	40	64.42	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	31	22	23	25	19.47	cps
Silicon	28-1	144190387	146235370	142414045	144279934	1.33	cps
Silver	107-1	250	258	250	253	1.90	cps
Silver	109-1	58	92	33	61	47.90	cps
Sodium	23-2	5162872	5190058	5098644	5150525	0.91	cps
Strontium	86-1	1059133	1070988	1066691	1065604	0.56	cps
Strontium	88-1	8827769	8874099	9045267	8915712	1.28	cps
Sulfur	34-1	550822	550379	549248	550150	0.15	cps
Terbium	159-1	33221960	34475022	34483218	34060066	2.13	cps
Terbium	159-2	12897591	12850109	12868686	12872129	0.19	cps
Thallium	203-1	258	292	292	281	6.86	cps
Thallium	205-1	758	733	833	775	6.72	cps
Tin	118-1	2625	2459	2459	2514	3.83	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3654-06	Instrumnet Name :	P8
Client Sample ID :	EW1X2	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 12:28:42	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5260	6963	5184	5802	17.34	cps
Uranium	238-1	308	217	242	256	18.54	cps
Vanadium	51-2	710	713	750	724	3.06	cps
Ytterbium	172-1	175	150	67	131	43.45	cps
Ytterbium	172-2	56	72	89	72	23.07	cps
Ytterbium	176-1	4301	4059	3584	3981	9.16	cps
Ytterbium	176-2	2650	2711	2511	2624	3.91	cps
Yttrium	89-1	49322513	49163749	52088738	50191666	3.28	cps
Yttrium	89-2	4698769	4887106	4804607	4796827	1.97	cps
Zinc	66-2	4014	4211	3861	4028	4.36	cps
Zirconium	90-1	6485	7387	6393	6755	8.13	cps
Zirconium	91-1	1317	1442	1233	1331	7.88	cps

LB Number : LB116249 Operator : Jaswal
 Lab Sample ID : M3654-07 Instrumnet Name : P8
 Client Sample ID : EW1X4 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-10 12:31:39 DataFile Name : 033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11155	11912	10573	11213	5.99	cps
Antimony	121-1	925	875	1000	933	6.74	cps
Arsenic	75-2	1722	1704	1837	1755	4.11	cps
Barium	135-1	1166456	1135560	1151152	1151056	1.34	cps
Barium	137-1	2008999	1924784	1957771	1963851	2.16	cps
Beryllium	9-1	78	72	48	66	24.06	cps
Bismuth	209-1	19573282	20568162	19414365	19851936	3.15	cps
Bismuth	209-2	8830662	8894764	8960757	8895394	0.73	cps
Boron	10-1	118975	128019	133689	126894	5.85	cps
Boron	11-1	560504	600603	636388	599165	6.34	cps
Bromine	81-1	266727	323128	362001	317285	15.10	cps
Cadmium	111-1	1499	1508	1530	1512	1.06	cps
Cadmium	106-1	15242	15426	15326	15331	0.60	cps
Cadmium	108-1	54	79	33	56	41.31	cps
Calcium	43-1	3018223	3003251	3124761	3048745	2.17	cps
Calcium	44-1	49393606	48608701	49905307	49302538	1.32	cps
Carbon	12-1	52630350	55308893	55324807	54421350	2.85	cps
Carbon	12-2	566899	567141	568516	567519	0.15	cps
Chlorine	35-1	2537393	2802488	3072278	2804053	9.54	cps
Chlorine	35-2	25364	26375	27118	26286	3.35	cps
Chromium	52-2	1970	1847	1773	1863	5.33	cps
Cobalt	59-2	890	857	853	867	2.34	cps
Copper	63-2	2064	1947	2184	2065	5.73	cps
Dysprosium	156-1	233	400	308	314	26.60	cps
Dysprosium	156-2	100	100	87	96	8.05	cps
Erbium	164-1	342	358	475	392	18.55	cps
Erbium	164-2	203	147	173	174	16.25	cps
Gadolinium	160-1	517	492	450	486	6.93	cps
Gadolinium	160-2	177	180	187	181	2.81	cps
Holmium	165-1	33421157	33329706	31789709	32846857	2.79	cps
Holmium	165-2	12620024	12993132	12789391	12800849	1.46	cps
Indium	115-1	27890364	29188580	27556198	28211714	3.06	cps
Indium	115-2	3686656	3791655	3709605	3729305	1.48	cps
Iron	54-2	762026	747844	764555	758141	1.19	cps
Iron	56-2	13632085	13753991	13970492	13785523	1.24	cps
Iron	57-2	346669	342205	345422	344765	0.67	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3654-07	Instrumnet Name :	P8
Client Sample ID :	EW1X4	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 12:31:39	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	633	547	690	623	11.58	cps
Lead	206-1	1945	1845	1989	1926	3.84	cps
Lead	207-1	1506	1522	1539	1522	1.10	cps
Lead	208-1	7240	7357	7557	7384	2.17	cps
Lithium	6-1	16945382	18196960	17453276	17531873	3.59	cps
Magnesium	24-2	5787957	5609477	5675585	5691006	1.59	cps
Manganese	55-2	373470	373005	373704	373393	0.10	cps
Molybdenum	94-1	2825	4651	3017	3498	28.69	cps
Molybdenum	95-1	1100	1075	1033	1070	3.15	cps
Molybdenum	96-1	1767	1467	1700	1645	9.58	cps
Molybdenum	97-1	525	633	758	639	18.28	cps
Molybdenum	98-1	1508	1658	1783	1650	8.34	cps
Neodymium	150-1	553	420	580	518	16.56	cps
Neodymium	150-2	140	103	127	123	15.05	cps
Nickel	60-2	670	530	570	590	12.22	cps
Phosphorus	31-2	1592	1542	1633	1589	2.89	cps
Potassium	39-2	524903	527068	540175	530715	1.56	cps
Rhodium	103-1	26137138	26530833	25568964	26078978	1.85	cps
Rhodium	103-2	11008302	11272594	11329478	11203458	1.53	cps
Scandium	45-1	21881349	21572192	21144218	21532586	1.72	cps
Scandium	45-2	666309	681139	672786	673411	1.10	cps
Selenium	82-1	77	221	78	126	66.07	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	29	34	24	29	17.24	cps
Silicon	28-1	102763556	101388823	102183909	102112096	0.68	cps
Silver	107-1	233	292	217	247	15.93	cps
Silver	109-1	75	108	58	81	31.60	cps
Sodium	23-2	42035274	41532329	41891626	41819743	0.62	cps
Strontium	86-1	2727490	2681939	2753480	2720970	1.33	cps
Strontium	88-1	23229088	23084773	23835416	23383092	1.70	cps
Sulfur	34-1	540227	544789	545168	543395	0.51	cps
Terbium	159-1	33721364	34732920	33530433	33994906	1.90	cps
Terbium	159-2	12567000	12789469	12601728	12652732	0.95	cps
Thallium	203-1	350	275	250	292	17.84	cps
Thallium	205-1	600	675	617	631	6.25	cps
Tin	118-1	2175	2425	2192	2264	6.17	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3654-07	Instrumnet Name :	P8
Client Sample ID :	EW1X4	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 12:31:39	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	7248	6077	9725	7683	24.24	cps
Uranium	238-1	408	417	425	417	2.00	cps
Vanadium	51-2	1000	1067	1187	1085	8.72	cps
Ytterbium	172-1	150	125	142	139	9.17	cps
Ytterbium	172-2	89	72	94	85	13.58	cps
Ytterbium	176-1	3917	3917	4126	3987	3.02	cps
Ytterbium	176-2	2339	2761	2745	2615	9.15	cps
Yttrium	89-1	49583894	50829589	49595533	50003005	1.43	cps
Yttrium	89-2	4670071	4777706	4766353	4738044	1.25	cps
Zinc	66-2	1920	1947	1867	1911	2.13	cps
Zirconium	90-1	6878	6718	5926	6508	7.83	cps
Zirconium	91-1	1542	1467	1483	1497	2.63	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3654-08	Instrumnet Name :	P8
Client Sample ID :	EW1X7	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 12:34:34	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	27801	28297	28799	28299	1.76	cps
Antimony	121-1	383	400	367	383	4.35	cps
Arsenic	75-2	4448	4244	4326	4339	2.37	cps
Barium	135-1	506365	514560	516191	512372	1.03	cps
Barium	137-1	885404	906595	905548	899182	1.33	cps
Beryllium	9-1	180	190	134	168	17.78	cps
Bismuth	209-1	19859513	19468054	18964116	19430561	2.31	cps
Bismuth	209-2	9176242	8904383	8725817	8935481	2.54	cps
Boron	10-1	57093	59623	61466	59394	3.70	cps
Boron	11-1	268285	279213	282426	276641	2.68	cps
Bromine	81-1	118539	123243	123901	121894	2.40	cps
Cadmium	111-1	1632	1572	1503	1569	4.14	cps
Cadmium	106-1	16285	16010	15050	15782	4.11	cps
Cadmium	108-1	54	83	75	71	21.20	cps
Calcium	43-1	5057919	5302824	5048394	5136379	2.81	cps
Calcium	44-1	83219878	86663107	83114241	84332409	2.39	cps
Carbon	12-1	72750391	75093233	75874093	74572573	2.18	cps
Carbon	12-2	767780	756222	768663	764222	0.91	cps
Chlorine	35-1	2201660	2403043	2425247	2343317	5.26	cps
Chlorine	35-2	18087	18029	18337	18151	0.90	cps
Chromium	52-2	3824	5034	3971	4276	15.44	cps
Cobalt	59-2	2094	2354	2260	2236	5.89	cps
Copper	63-2	4261	4484	4001	4248	5.70	cps
Dysprosium	156-1	875	767	942	861	10.26	cps
Dysprosium	156-2	330	287	293	303	7.69	cps
Erbium	164-1	950	983	750	894	14.11	cps
Erbium	164-2	370	390	303	354	12.80	cps
Gadolinium	160-1	1643	1158	1017	1273	25.80	cps
Gadolinium	160-2	437	427	363	409	9.73	cps
Holmium	165-1	33013313	32754241	32365408	32710988	1.00	cps
Holmium	165-2	13040826	13112349	12620911	12924695	2.05	cps
Indium	115-1	28568615	28399762	28397064	28455147	0.35	cps
Indium	115-2	3804547	3744460	3675250	3741419	1.73	cps
Iron	54-2	2351935	2377403	2477627	2402322	2.77	cps
Iron	56-2	44287182	43520069	42926957	43578069	1.56	cps
Iron	57-2	1090995	1081638	1086426	1086353	0.43	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3654-08	Instrumnet Name :	P8
Client Sample ID :	EW1X7	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 12:34:34	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	623	637	693	651	5.71	cps
Lead	206-1	6124	5846	6224	6065	3.23	cps
Lead	207-1	5362	5118	5268	5249	2.35	cps
Lead	208-1	24154	23970	23575	23900	1.24	cps
Lithium	6-1	17011651	17814938	17786350	17537646	2.60	cps
Magnesium	24-2	9850684	9454915	9567450	9624350	2.12	cps
Manganese	55-2	399925	402461	401168	401185	0.32	cps
Molybdenum	94-1	17430	16928	15918	16759	4.59	cps
Molybdenum	95-1	1517	1108	1383	1336	15.59	cps
Molybdenum	96-1	4176	4442	4476	4365	3.77	cps
Molybdenum	97-1	700	1042	858	867	19.73	cps
Molybdenum	98-1	1992	2334	1950	2092	10.06	cps
Neodymium	150-1	1527	1520	1440	1496	3.22	cps
Neodymium	150-2	393	417	333	381	11.28	cps
Nickel	60-2	1560	1597	1540	1566	1.84	cps
Phosphorus	31-2	1283	1517	1308	1370	9.36	cps
Potassium	39-2	283983	284760	284594	284445	0.14	cps
Rhodium	103-1	26177838	26147801	26070557	26132066	0.21	cps
Rhodium	103-2	11604955	11093243	10927333	11208510	3.15	cps
Scandium	45-1	21656008	21670661	21093385	21473351	1.53	cps
Scandium	45-2	685223	668855	660686	671588	1.86	cps
Selenium	82-1	53	36	1	30	89.20	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	32	38	34	35	8.81	cps
Silicon	28-1	80133096	82783510	81658185	81524930	1.63	cps
Silver	107-1	258	292	292	281	6.86	cps
Silver	109-1	92	50	92	78	30.93	cps
Sodium	23-2	10259008	10061689	10126368	10149022	0.99	cps
Strontium	86-1	1000781	980425	1005775	995660	1.35	cps
Strontium	88-1	8385903	8352376	8209887	8316055	1.12	cps
Sulfur	34-1	2612260	2810803	2731241	2718101	3.68	cps
Terbium	159-1	35264692	34443437	33203396	34303842	3.03	cps
Terbium	159-2	13107523	12665981	12481834	12751779	2.52	cps
Thallium	203-1	417	275	300	331	22.88	cps
Thallium	205-1	700	892	792	794	12.07	cps
Tin	118-1	2317	1950	2334	2200	9.85	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3654-08	Instrumnet Name :	P8
Client Sample ID :	EW1X7	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 12:34:34	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	12948	15593	12832	13791	11.32	cps
Uranium	238-1	2517	2234	2134	2295	8.67	cps
Vanadium	51-2	5254	5731	5848	5611	5.60	cps
Ytterbium	172-1	358	425	258	347	24.16	cps
Ytterbium	172-2	150	117	167	144	17.62	cps
Ytterbium	176-1	4076	4284	4434	4265	4.22	cps
Ytterbium	176-2	2484	2645	2589	2573	3.18	cps
Yttrium	89-1	51392504	50278691	49383518	50351571	2.00	cps
Yttrium	89-2	4938626	4750989	4603286	4764300	3.53	cps
Zinc	66-2	2750	2707	2467	2641	5.78	cps
Zirconium	90-1	42516	43679	48316	44837	6.84	cps
Zirconium	91-1	10180	9145	9312	9546	5.82	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3654-09	Instrumnet Name :	P8
Client Sample ID :	EW1X8	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 12:37:30	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1194	1200	1205	1199	0.47	cps
Antimony	121-1	217	208	158	194	16.22	cps
Arsenic	75-2	153	162	185	167	9.90	cps
Barium	135-1	829260	821942	843538	831580	1.32	cps
Barium	137-1	1440191	1449977	1441127	1443765	0.37	cps
Beryllium	9-1	74	62	68	68	8.82	cps
Bismuth	209-1	19472530	20214737	19402580	19696616	2.28	cps
Bismuth	209-2	8732775	9223727	9043880	9000128	2.76	cps
Boron	10-1	47511	48640	49371	48508	1.93	cps
Boron	11-1	218480	225899	232871	225750	3.19	cps
Bromine	81-1	76003	76888	79455	77449	2.32	cps
Cadmium	111-1	1578	1528	1470	1525	3.56	cps
Cadmium	106-1	15593	15242	14700	15178	2.96	cps
Cadmium	108-1	50	67	83	67	25.00	cps
Calcium	43-1	4064168	4055858	3986989	4035672	1.05	cps
Calcium	44-1	67106044	67067699	64767769	66313838	2.02	cps
Carbon	12-1	78253073	80759339	82124287	80378900	2.44	cps
Carbon	12-2	818841	823804	807250	816632	1.04	cps
Chlorine	35-1	1645970	1653219	1660002	1653064	0.42	cps
Chlorine	35-2	11580	12130	11722	11811	2.42	cps
Chromium	52-2	1623	1590	1557	1590	2.10	cps
Cobalt	59-2	843	873	880	866	2.26	cps
Copper	63-2	2120	1987	2074	2060	3.28	cps
Dysprosium	156-1	142	125	125	131	7.37	cps
Dysprosium	156-2	23	53	33	37	41.66	cps
Erbium	164-1	250	267	325	281	14.04	cps
Erbium	164-2	127	130	97	118	15.59	cps
Gadolinium	160-1	283	283	283	283	0.00	cps
Gadolinium	160-2	107	113	73	98	21.92	cps
Holmium	165-1	32144230	34391931	32757569	33097910	3.51	cps
Holmium	165-2	12597249	13019972	13202656	12939959	2.40	cps
Indium	115-1	27963467	28634901	28966019	28521462	1.79	cps
Indium	115-2	3668599	3725873	3611135	3668535	1.56	cps
Iron	54-2	1232701	1249547	1229332	1237193	0.88	cps
Iron	56-2	22373957	22146078	22035293	22185109	0.78	cps
Iron	57-2	549257	557069	546781	551035	0.97	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3654-09	Instrumnet Name :	P8
Client Sample ID :	EW1X8	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 12:37:30	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	647	593	567	602	6.76	cps
Lead	206-1	1389	1306	1545	1413	8.58	cps
Lead	207-1	1239	1211	1133	1195	4.58	cps
Lead	208-1	5534	5278	5351	5388	2.45	cps
Lithium	6-1	17441258	17706811	17634325	17594131	0.78	cps
Magnesium	24-2	7094588	6818371	7095215	7002725	2.28	cps
Manganese	55-2	683967	679189	684603	682586	0.43	cps
Molybdenum	94-1	3642	3267	3267	3392	6.38	cps
Molybdenum	95-1	217	233	292	247	15.93	cps
Molybdenum	96-1	950	983	900	945	4.44	cps
Molybdenum	97-1	183	125	175	161	19.58	cps
Molybdenum	98-1	283	333	408	342	18.41	cps
Neodymium	150-1	107	167	133	136	22.18	cps
Neodymium	150-2	27	20	33	27	24.99	cps
Nickel	60-2	360	313	327	333	7.21	cps
Phosphorus	31-2	1600	1608	1700	1636	3.39	cps
Potassium	39-2	632405	624063	629079	628516	0.67	cps
Rhodium	103-1	25816422	26909349	26686758	26470843	2.18	cps
Rhodium	103-2	11052444	11227139	11067216	11115600	0.87	cps
Scandium	45-1	21237268	21912871	21693481	21614540	1.59	cps
Scandium	45-2	650155	672881	657778	660271	1.75	cps
Selenium	82-1	43	107	107	86	43.42	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	36	34	28	33	12.74	cps
Silicon	28-1	104829540	102396436	102901756	103375911	1.24	cps
Silver	107-1	242	208	283	244	15.37	cps
Silver	109-1	75	75	83	78	6.19	cps
Sodium	23-2	7230802	7015438	7177927	7141389	1.57	cps
Strontium	86-1	659060	651149	645222	651810	1.07	cps
Strontium	88-1	5532445	5448743	5322671	5434620	1.94	cps
Sulfur	34-1	548841	546427	547976	547748	0.22	cps
Terbium	159-1	34289236	33586462	34088929	33988209	1.07	cps
Terbium	159-2	12693719	13240573	12882208	12938833	2.15	cps
Thallium	203-1	292	317	267	292	8.57	cps
Thallium	205-1	650	642	633	642	1.30	cps
Tin	118-1	2075	1859	1909	1947	5.83	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3654-09	Instrumnet Name :	P8
Client Sample ID :	EW1X8	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 12:37:30	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3334	3451	3184	3323	4.02	cps
Uranium	238-1	117	133	183	144	24.02	cps
Vanadium	51-2	1093	1150	1067	1103	3.86	cps
Ytterbium	172-1	200	117	117	144	33.31	cps
Ytterbium	172-2	44	28	50	41	28.38	cps
Ytterbium	176-1	3942	4192	3984	4040	3.32	cps
Ytterbium	176-2	2278	2361	2623	2421	7.43	cps
Yttrium	89-1	49327494	49713159	50309219	49783291	0.99	cps
Yttrium	89-2	4638293	4767102	4713518	4706304	1.37	cps
Zinc	66-2	3631	3824	3754	3736	2.62	cps
Zirconium	90-1	8836	8311	9737	8961	8.05	cps
Zirconium	91-1	1967	1967	1742	1892	6.87	cps

LB Number : LB116249 Operator : Jaswal
 Lab Sample ID : M3654-10 Instrumnet Name : P8
 Client Sample ID : EW1X9 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-10 12:40:26 DataFile Name : 036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2115	2823	2406	2448	14.53	cps
Antimony	121-1	142	150	133	142	5.88	cps
Arsenic	75-2	1497	1393	1445	1445	3.60	cps
Barium	135-1	981624	1000400	1001115	994380	1.11	cps
Barium	137-1	1730848	1702211	1703536	1712198	0.94	cps
Beryllium	9-1	64	50	50	55	14.79	cps
Bismuth	209-1	20005336	20713339	19789368	20169347	2.40	cps
Bismuth	209-2	9184856	8930756	8787159	8967590	2.25	cps
Boron	10-1	36067	36706	38144	36972	2.88	cps
Boron	11-1	165679	168017	178256	170651	3.92	cps
Bromine	81-1	49236	53718	56300	53085	6.73	cps
Cadmium	111-1	1608	1620	1530	1586	3.09	cps
Cadmium	106-1	16327	16393	15459	16060	3.25	cps
Cadmium	108-1	83	75	71	76	8.34	cps
Calcium	43-1	3931513	3836303	3924013	3897276	1.36	cps
Calcium	44-1	64278998	62218177	64634010	63710395	2.05	cps
Carbon	12-1	63523151	65953554	66315389	65264031	2.33	cps
Carbon	12-2	670814	661976	674267	669019	0.95	cps
Chlorine	35-1	1479776	1510179	1556164	1515373	2.54	cps
Chlorine	35-2	11538	11071	10979	11196	2.68	cps
Chromium	52-2	4858	4554	4611	4674	3.45	cps
Cobalt	59-2	1120	1110	993	1074	6.55	cps
Copper	63-2	1710	1740	1993	1815	8.58	cps
Dysprosium	156-1	83	142	117	114	25.69	cps
Dysprosium	156-2	47	47	33	42	18.24	cps
Erbium	164-1	308	292	342	314	8.11	cps
Erbium	164-2	93	123	147	121	22.08	cps
Gadolinium	160-1	392	275	325	331	17.71	cps
Gadolinium	160-2	87	73	127	96	29.05	cps
Holmium	165-1	32240060	33071683	33755184	33022309	2.30	cps
Holmium	165-2	12958461	12915441	12836770	12903557	0.48	cps
Indium	115-1	28428835	28285028	28394501	28369455	0.26	cps
Indium	115-2	3782292	3658054	3557212	3665853	3.08	cps
Iron	54-2	1188771	1172480	1150190	1170480	1.65	cps
Iron	56-2	21415271	20941230	21453347	21269949	1.34	cps
Iron	57-2	535911	534118	532256	534095	0.34	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3654-10	Instrumnet Name :	P8
Client Sample ID :	EW1X9	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 12:40:26	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	660	630	623	638	3.06	cps
Lead	206-1	2517	2334	2422	2424	3.78	cps
Lead	207-1	2084	2078	1839	2000	6.98	cps
Lead	208-1	9763	9374	9201	9446	3.04	cps
Lithium	6-1	18061440	17964652	18457274	18161122	1.44	cps
Magnesium	24-2	6135503	6140411	6046477	6107464	0.87	cps
Manganese	55-2	510093	494984	496881	500653	1.64	cps
Molybdenum	94-1	3509	3150	3175	3278	6.10	cps
Molybdenum	95-1	2400	2384	2484	2423	2.21	cps
Molybdenum	96-1	3034	3167	3050	3084	2.36	cps
Molybdenum	97-1	1642	1717	1483	1614	7.38	cps
Molybdenum	98-1	4126	3792	3967	3962	4.21	cps
Neodymium	150-1	160	160	107	142	21.65	cps
Neodymium	150-2	40	23	30	31	26.97	cps
Nickel	60-2	830	863	870	854	2.51	cps
Phosphorus	31-2	2100	2517	2167	2261	9.90	cps
Potassium	39-2	317057	305404	302837	308433	2.46	cps
Rhodium	103-1	26664216	27358841	25867701	26630253	2.80	cps
Rhodium	103-2	11367897	10940425	10699535	11002619	3.08	cps
Scandium	45-1	21707080	20994833	21834445	21512119	2.10	cps
Scandium	45-2	662208	661230	655696	659711	0.53	cps
Selenium	82-1	-11	31	29	17	142.18	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	35	27	24	29	19.84	cps
Silicon	28-1	150231749	147576095	145918782	147908876	1.47	cps
Silver	107-1	225	275	242	247	10.30	cps
Silver	109-1	58	42	83	61	34.32	cps
Sodium	23-2	9832025	9743368	9630403	9735265	1.04	cps
Strontium	86-1	667178	663170	661716	664021	0.43	cps
Strontium	88-1	5471620	5512970	5595029	5526539	1.14	cps
Sulfur	34-1	567300	558869	559299	561823	0.85	cps
Terbium	159-1	34812671	33727149	34994734	34511518	1.99	cps
Terbium	159-2	13064584	12736566	12332434	12711195	2.89	cps
Thallium	203-1	267	317	392	325	19.36	cps
Thallium	205-1	692	725	758	725	4.60	cps
Tin	118-1	2167	2300	2442	2303	5.97	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3654-10	Instrumnet Name :	P8
Client Sample ID :	EW1X9	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 12:40:26	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4276	4359	3967	4201	4.91	cps
Uranium	238-1	208	183	158	183	13.64	cps
Vanadium	51-2	553	443	480	492	11.39	cps
Ytterbium	172-1	150	108	108	122	19.68	cps
Ytterbium	172-2	67	56	56	59	10.82	cps
Ytterbium	176-1	3759	4051	4201	4003	5.61	cps
Ytterbium	176-2	2378	2506	2345	2410	3.53	cps
Yttrium	89-1	49971793	50316111	50606154	50298019	0.63	cps
Yttrium	89-2	4790790	4674565	4694508	4719954	1.32	cps
Zinc	66-2	1733	1747	1823	1768	2.75	cps
Zirconium	90-1	4926	4901	4943	4923	0.43	cps
Zirconium	91-1	1083	1025	933	1014	7.46	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3654-11	Instrumnet Name :	P8
Client Sample ID :	EW1X9D	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 12:43:23	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2226	2164	2781	2390	14.22	cps
Antimony	121-1	158	142	75	125	35.28	cps
Arsenic	75-2	1394	1363	1378	1379	1.12	cps
Barium	135-1	967606	952172	975980	965253	1.25	cps
Barium	137-1	1618457	1650889	1633315	1634220	0.99	cps
Beryllium	9-1	46	58	52	52	11.54	cps
Bismuth	209-1	19097468	19174006	18812528	19028001	1.00	cps
Bismuth	209-2	8767113	8799932	8625644	8730896	1.06	cps
Boron	10-1	32882	34702	36095	34560	4.66	cps
Boron	11-1	156407	163026	161999	160478	2.22	cps
Bromine	81-1	43231	47328	49608	46722	6.92	cps
Cadmium	111-1	1453	1375	1464	1431	3.37	cps
Cadmium	106-1	14725	13966	14600	14430	2.82	cps
Cadmium	108-1	46	54	54	51	9.37	cps
Calcium	43-1	3870870	3838915	3813705	3841163	0.75	cps
Calcium	44-1	62805339	61815571	62041461	62220790	0.83	cps
Carbon	12-1	59719085	61966139	61929539	61204921	2.10	cps
Carbon	12-2	640850	641367	643901	642039	0.25	cps
Chlorine	35-1	1373267	1384268	1433154	1396896	2.28	cps
Chlorine	35-2	11105	10054	10779	10646	5.05	cps
Chromium	52-2	2827	2670	2890	2796	4.05	cps
Cobalt	59-2	1073	1060	1080	1071	0.95	cps
Copper	63-2	1547	1573	1547	1556	0.99	cps
Dysprosium	156-1	108	50	75	78	37.63	cps
Dysprosium	156-2	23	47	40	37	32.79	cps
Erbium	164-1	225	225	283	244	13.78	cps
Erbium	164-2	50	103	77	77	34.79	cps
Gadolinium	160-1	183	275	275	244	21.65	cps
Gadolinium	160-2	117	70	97	94	24.79	cps
Holmium	165-1	31151752	30956584	30739422	30949252	0.67	cps
Holmium	165-2	12641674	12712087	12136955	12496905	2.51	cps
Indium	115-1	27279786	26747615	27999276	27342226	2.30	cps
Indium	115-2	3603526	3544643	3505936	3551368	1.38	cps
Iron	54-2	1155227	1162917	1154281	1157475	0.41	cps
Iron	56-2	21096996	20310507	21031996	20813166	2.10	cps
Iron	57-2	519184	519014	516098	518099	0.33	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3654-11	Instrumnet Name :	P8
Client Sample ID :	EW1X9D	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 12:43:23	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	610	657	677	648	5.28	cps
Lead	206-1	1167	1133	917	1072	12.66	cps
Lead	207-1	872	861	967	900	6.44	cps
Lead	208-1	4261	4311	4134	4236	2.16	cps
Lithium	6-1	17166398	16327968	17165701	16886689	2.87	cps
Magnesium	24-2	6126102	5846409	5941573	5971361	2.38	cps
Manganese	55-2	497547	486933	499898	494793	1.40	cps
Molybdenum	94-1	2934	2692	3142	2923	7.71	cps
Molybdenum	95-1	2225	2234	2442	2300	5.34	cps
Molybdenum	96-1	2850	2967	3100	2973	4.21	cps
Molybdenum	97-1	1567	1225	1483	1425	12.50	cps
Molybdenum	98-1	3576	3501	3509	3528	1.17	cps
Neodymium	150-1	133	133	120	129	5.98	cps
Neodymium	150-2	33	30	43	36	19.51	cps
Nickel	60-2	600	637	613	617	3.01	cps
Phosphorus	31-2	2067	2142	2042	2084	2.50	cps
Potassium	39-2	302586	299407	305179	302391	0.96	cps
Rhodium	103-1	25639993	24728786	25297491	25222090	1.82	cps
Rhodium	103-2	10816261	10740159	10851056	10802492	0.53	cps
Scandium	45-1	19875116	20041286	20530157	20148853	1.69	cps
Scandium	45-2	644156	638223	636287	639555	0.64	cps
Selenium	82-1	46	25	-21	17	202.10	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	25	29	31	28	10.78	cps
Silicon	28-1	139963282	142499437	140656891	141039870	0.93	cps
Silver	107-1	158	225	333	239	36.97	cps
Silver	109-1	58	33	75	56	37.75	cps
Sodium	23-2	9628049	9526043	9489240	9547777	0.75	cps
Strontium	86-1	643344	642269	640149	641921	0.25	cps
Strontium	88-1	5385995	5394245	5323986	5368075	0.72	cps
Sulfur	34-1	547794	540245	546798	544946	0.75	cps
Terbium	159-1	32805716	32251130	32269662	32442169	0.97	cps
Terbium	159-2	12274020	12263016	12298126	12278387	0.15	cps
Thallium	203-1	267	292	333	297	11.33	cps
Thallium	205-1	725	642	467	611	21.58	cps
Tin	118-1	1525	1700	1817	1681	8.74	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3654-11	Instrumnet Name :	P8
Client Sample ID :	EW1X9D	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 12:43:23	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4359	8909	4184	5818	46.05	cps
Uranium	238-1	133	258	225	206	31.49	cps
Vanadium	51-2	420	437	407	421	3.57	cps
Ytterbium	172-1	167	125	117	136	19.68	cps
Ytterbium	172-2	39	44	67	50	29.40	cps
Ytterbium	176-1	3942	3676	3426	3681	7.02	cps
Ytterbium	176-2	2328	2434	2222	2328	4.53	cps
Yttrium	89-1	46679708	47594934	48212766	47495803	1.62	cps
Yttrium	89-2	4582061	4581063	4519321	4560815	0.79	cps
Zinc	66-2	1427	1483	1540	1483	3.82	cps
Zirconium	90-1	4868	5134	5360	5121	4.81	cps
Zirconium	91-1	1042	875	908	942	9.37	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3654-10LX5	Instrumnet Name :	P8
Client Sample ID :	EW1X9L	Dilution Factor :	5
Date & Time Acquired ::	2021-09-10 12:46:18	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	456	589	487	511	13.56	cps
Antimony	121-1	42	58	67	56	22.91	cps
Arsenic	75-2	230	260	240	243	6.28	cps
Barium	135-1	176703	183018	182739	180820	1.97	cps
Barium	137-1	316176	313584	323137	317632	1.56	cps
Beryllium	9-1	42	28	46	39	24.45	cps
Bismuth	209-1	19480836	18795094	18898114	19058015	1.94	cps
Bismuth	209-2	9024465	8601990	8446665	8691040	3.44	cps
Boron	10-1	11318	11993	11730	11680	2.91	cps
Boron	11-1	53015	53135	52832	52994	0.29	cps
Bromine	81-1	20656	21007	21468	21044	1.94	cps
Cadmium	111-1	1550	1425	1445	1473	4.57	cps
Cadmium	106-1	15743	14475	14508	14909	4.85	cps
Cadmium	108-1	58	50	63	57	11.18	cps
Calcium	43-1	755630	754319	751532	753827	0.28	cps
Calcium	44-1	11457014	11437369	11848479	11580954	2.00	cps
Carbon	12-1	15640859	15700784	15792068	15711237	0.48	cps
Carbon	12-2	163107	155838	159711	159552	2.28	cps
Chlorine	35-1	1044133	1030754	996658	1023849	2.39	cps
Chlorine	35-2	6268	6710	6226	6402	4.19	cps
Chromium	52-2	1490	1670	1670	1610	6.46	cps
Cobalt	59-2	247	253	333	278	17.36	cps
Copper	63-2	1320	1460	1323	1368	5.84	cps
Dysprosium	156-1	33	17	33	28	34.63	cps
Dysprosium	156-2	3	13	20	12	68.66	cps
Erbium	164-1	217	192	225	211	8.22	cps
Erbium	164-2	110	90	97	99	10.30	cps
Gadolinium	160-1	325	242	200	256	24.90	cps
Gadolinium	160-2	50	60	63	58	12.01	cps
Holmium	165-1	31826409	30118359	29865799	30603522	3.49	cps
Holmium	165-2	12709796	12138969	11924698	12257821	3.31	cps
Indium	115-1	27542349	26845422	25462879	26616884	3.98	cps
Indium	115-2	3599148	3487894	3419540	3502194	2.59	cps
Iron	54-2	212295	217213	212979	214162	1.24	cps
Iron	56-2	3919152	3942182	3840473	3900602	1.37	cps
Iron	57-2	95764	97760	98376	97300	1.40	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3654-10LX5	Instrumnet Name :	P8
Client Sample ID :	EW1X9L	Dilution Factor :	5
Date & Time Acquired ::	2021-09-10 12:46:18	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	580	720	760	687	13.76	cps
Lead	206-1	1133	1022	1006	1054	6.59	cps
Lead	207-1	1111	1061	1150	1107	4.02	cps
Lead	208-1	4650	4523	4512	4562	1.69	cps
Lithium	6-1	17382667	16276221	16365847	16674912	3.69	cps
Magnesium	24-2	1114075	1123203	1143064	1126781	1.32	cps
Manganese	55-2	92813	90800	91340	91651	1.14	cps
Molybdenum	94-1	1392	1217	1392	1333	7.58	cps
Molybdenum	95-1	442	458	417	439	4.78	cps
Molybdenum	96-1	767	667	742	725	7.18	cps
Molybdenum	97-1	375	275	300	317	16.43	cps
Molybdenum	98-1	800	717	750	756	5.55	cps
Neodymium	150-1	13	33	67	38	71.33	cps
Neodymium	150-2	0	23	0	8	173.21	cps
Nickel	60-2	207	203	297	236	22.48	cps
Phosphorus	31-2	417	517	600	511	17.96	cps
Potassium	39-2	65968	65800	65793	65854	0.15	cps
Rhodium	103-1	26159816	25054259	24370091	25194722	3.58	cps
Rhodium	103-2	10918705	10700970	10245092	10621589	3.24	cps
Scandium	45-1	20125790	19771301	19555391	19817494	1.45	cps
Scandium	45-2	633499	604911	604658	614356	2.70	cps
Selenium	82-1	120	-69	-116	-22	-579.04	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	28	28	28	28	0.00	cps
Silicon	28-1	27099666	26819109	27099795	27006190	0.60	cps
Silver	107-1	275	167	225	222	24.40	cps
Silver	109-1	25	75	17	39	81.12	cps
Sodium	23-2	1793082	1764528	1815466	1791025	1.43	cps
Strontium	86-1	123737	119954	120275	121322	1.73	cps
Strontium	88-1	1049843	1047947	1050569	1049453	0.13	cps
Sulfur	34-1	546238	543408	539719	543122	0.60	cps
Terbium	159-1	32386634	31446791	31091124	31641516	2.12	cps
Terbium	159-2	12739468	11972590	11742439	12151499	4.30	cps
Thallium	203-1	250	367	192	269	33.07	cps
Thallium	205-1	508	592	617	572	9.91	cps
Tin	118-1	2000	2084	1909	1997	4.38	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3654-10LX5	Instrumnet Name :	P8
Client Sample ID :	EW1X9L	Dilution Factor :	5
Date & Time Acquired ::	2021-09-10 12:46:18	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1042	958	1150	1050	9.15	cps
Uranium	238-1	50	33	17	33	50.00	cps
Vanadium	51-2	60	67	63	63	5.27	cps
Ytterbium	172-1	58	58	75	64	15.06	cps
Ytterbium	172-2	28	28	17	24	26.64	cps
Ytterbium	176-1	4001	3742	3601	3781	5.37	cps
Ytterbium	176-2	2128	2234	2217	2193	2.59	cps
Yttrium	89-1	48198488	47252131	45881809	47110809	2.47	cps
Yttrium	89-2	4617851	4425103	4282327	4441760	3.79	cps
Zinc	66-2	1097	1107	1107	1103	0.52	cps
Zirconium	90-1	3259	2867	3242	3123	7.10	cps
Zirconium	91-1	633	550	575	586	7.30	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3654-12	Instrumnet Name :	P8
Client Sample ID :	EW1X9S	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 12:49:17	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	184166	184848	183090	184035	0.48	cps
Antimony	121-1	1056955	1061306	1060688	1059650	0.22	cps
Arsenic	75-2	13173	12987	13541	13234	2.13	cps
Barium	135-1	5830351	5920464	5998253	5916356	1.42	cps
Barium	137-1	10195003	10109407	10197627	10167346	0.49	cps
Beryllium	9-1	214259	215638	214073	214657	0.40	cps
Bismuth	209-1	19328388	19961927	19505580	19598632	1.67	cps
Bismuth	209-2	8249235	8775135	8573192	8532521	3.11	cps
Boron	10-1	30540	32099	34309	32316	5.86	cps
Boron	11-1	141248	147003	152605	146952	3.86	cps
Bromine	81-1	84238	100994	112929	99387	14.50	cps
Cadmium	111-1	137252	137082	138771	137702	0.68	cps
Cadmium	106-1	27503	26985	27937	27475	1.73	cps
Cadmium	108-1	9424	10020	9770	9738	3.07	cps
Calcium	43-1	3774333	3713145	3713118	3733532	0.95	cps
Calcium	44-1	60897002	61267160	61750924	61305029	0.70	cps
Carbon	12-1	47604011	49469915	51407895	49493940	3.84	cps
Carbon	12-2	522602	509960	515660	516074	1.23	cps
Chlorine	35-1	4133812	4834639	5436314	4801589	13.58	cps
Chlorine	35-2	46325	50923	54244	50497	7.88	cps
Chromium	52-2	651685	655994	648950	652210	0.54	cps
Cobalt	59-2	2800589	2820957	2862533	2828026	1.12	cps
Copper	63-2	1074202	1073336	1072845	1073461	0.06	cps
Dysprosium	156-1	100	150	150	133	21.65	cps
Dysprosium	156-2	30	27	30	29	6.65	cps
Erbium	164-1	325	200	333	286	26.11	cps
Erbium	164-2	113	103	130	116	11.66	cps
Gadolinium	160-1	358	325	317	333	6.61	cps
Gadolinium	160-2	107	107	110	108	1.78	cps
Holmium	165-1	31868138	32309734	32236568	32138147	0.74	cps
Holmium	165-2	11689111	12774503	12752503	12405372	5.00	cps
Indium	115-1	27084924	28035532	27835456	27651971	1.81	cps
Indium	115-2	3288381	3587071	3576272	3483908	4.86	cps
Iron	54-2	1294847	1282409	1291751	1289669	0.50	cps
Iron	56-2	23099566	22741300	23145270	22995379	0.96	cps
Iron	57-2	571483	573649	578912	574682	0.66	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3654-12	Instrumnet Name :	P8
Client Sample ID :	EW1X9S	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 12:49:17	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	627	683	607	639	6.22	cps
Lead	206-1	155308	158817	159505	157877	1.43	cps
Lead	207-1	138333	146606	144870	143270	3.04	cps
Lead	208-1	630147	649708	645760	641872	1.61	cps
Lithium	6-1	16989617	18011820	17596435	17532624	2.93	cps
Magnesium	24-2	5851266	5879356	5861834	5864152	0.24	cps
Manganese	55-2	1250626	1234242	1265246	1250038	1.24	cps
Molybdenum	94-1	3059	3167	3225	3150	2.69	cps
Molybdenum	95-1	2175	2584	2667	2475	10.63	cps
Molybdenum	96-1	2725	3017	3467	3070	12.17	cps
Molybdenum	97-1	1442	1433	1533	1470	3.78	cps
Molybdenum	98-1	3959	3884	4017	3953	1.69	cps
Neodymium	150-1	427	347	360	378	11.35	cps
Neodymium	150-2	47	37	37	40	14.43	cps
Nickel	60-2	782845	771408	777306	777186	0.74	cps
Phosphorus	31-2	2117	2234	2000	2117	5.51	cps
Potassium	39-2	290778	296779	293953	293836	1.02	cps
Rhodium	103-1	25333348	25117262	25146941	25199184	0.46	cps
Rhodium	103-2	10045157	10778717	10783688	10535854	4.03	cps
Scandium	45-1	20196033	20967283	20783625	20648980	1.95	cps
Scandium	45-2	605697	638101	639643	627814	3.05	cps
Selenium	82-1	22054	21996	22355	22135	0.87	cps
Selenium	77-2	520	697	527	581	17.23	cps
Selenium	78-2	1941	1976	1961	1960	0.90	cps
Silicon	28-1	140223486	140636703	141722899	140861030	0.55	cps
Silver	107-1	432270	441681	444029	439327	1.42	cps
Silver	109-1	412451	413072	409679	411734	0.44	cps
Sodium	23-2	9403793	9413279	9360095	9392389	0.30	cps
Strontium	86-1	638534	630407	642145	637029	0.94	cps
Strontium	88-1	5426490	5314273	5387260	5376008	1.06	cps
Sulfur	34-1	536249	530233	524242	530241	1.13	cps
Terbium	159-1	32826289	34078269	33082920	33329159	1.98	cps
Terbium	159-2	11897114	12516160	12251538	12221604	2.54	cps
Thallium	203-1	490852	494329	500615	495265	1.00	cps
Thallium	205-1	1173278	1185469	1202916	1187221	1.25	cps
Tin	118-1	2509	2259	2334	2367	5.42	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3654-12	Instrumnet Name :	P8
Client Sample ID :	EW1X9S	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 12:49:17	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3851	3842	3767	3820	1.20	cps
Uranium	238-1	167	92	167	142	30.56	cps
Vanadium	51-2	1302658	1308046	1322491	1311065	0.78	cps
Ytterbium	172-1	183	108	75	122	45.40	cps
Ytterbium	172-2	44	50	44	46	6.92	cps
Ytterbium	176-1	3726	3892	4059	3892	4.28	cps
Ytterbium	176-2	2239	2478	2411	2376	5.19	cps
Yttrium	89-1	47571973	49676648	47530548	48259723	2.54	cps
Yttrium	89-2	4239030	4672634	4588637	4500100	5.11	cps
Zinc	66-2	250748	250950	253975	251891	0.72	cps
Zirconium	90-1	4651	5493	5719	5288	10.64	cps
Zirconium	91-1	1167	1100	1125	1131	2.98	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	CCV025	Instrumnet Name :	P8
Client Sample ID :	CCV025	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 12:52:21	DataFile Name :	040CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4236699	4269554	4226948	4244400	0.53	cps
Antimony	121-1	4482488	4635727	4597365	4571860	1.74	cps
Arsenic	75-2	140336	140656	140788	140593	0.17	cps
Barium	135-1	5704346	5978091	5827350	5836596	2.35	cps
Barium	137-1	9825032	10256108	9949604	10010248	2.22	cps
Beryllium	9-1	1902002	1946230	1924975	1924402	1.15	cps
Bismuth	209-1	17032444	17238816	18250171	17507144	3.72	cps
Bismuth	209-2	7727081	7668498	7478106	7624562	1.71	cps
Boron	10-1	235771	252268	259281	249107	4.85	cps
Boron	11-1	956230	1022435	1081379	1020015	6.14	cps
Bromine	81-1	21800	21118	19564	20827	5.50	cps
Cadmium	111-1	1252872	1236538	1251975	1247128	0.74	cps
Cadmium	106-1	162686	159982	165168	162612	1.60	cps
Cadmium	108-1	101039	103225	102377	102214	1.08	cps
Calcium	43-1	9208345	9172912	9154406	9178554	0.30	cps
Calcium	44-1	148677631	150265482	148958230	149300448	0.57	cps
Carbon	12-1	9983615	10104840	10392094	10160183	2.06	cps
Carbon	12-2	109751	112773	113151	111891	1.67	cps
Chlorine	35-1	2171991	2086153	2040335	2099493	3.18	cps
Chlorine	35-2	13140	12589	12005	12578	4.51	cps
Chromium	52-2	1542614	1532145	1491780	1522180	1.76	cps
Cobalt	59-2	2680633	2589567	2602320	2624173	1.88	cps
Copper	63-2	20618931	20338281	20482203	20479805	0.69	cps
Dysprosium	156-1	1025	1175	1042	1081	7.61	cps
Dysprosium	156-2	420	383	440	414	6.93	cps
Erbium	164-1	392	317	342	350	10.91	cps
Erbium	164-2	123	103	117	114	8.90	cps
Gadolinium	160-1	1075	842	1125	1014	14.92	cps
Gadolinium	160-2	480	537	530	516	6.01	cps
Holmium	165-1	30109532	30094157	31172536	30458742	2.03	cps
Holmium	165-2	11846859	11857701	11851994	11852185	0.05	cps
Indium	115-1	25094393	25513036	25655974	25421134	1.15	cps
Indium	115-2	3240195	3278247	3219824	3246089	0.91	cps
Iron	54-2	16277026	16231308	15824539	16110958	1.55	cps
Iron	56-2	292927129	296709896	293424695	294353907	0.70	cps
Iron	57-2	7375791	7287981	7069920	7244564	2.17	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	CCV025	Instrumnet Name :	P8
Client Sample ID :	CCV025	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 12:52:21	DataFile Name :	040CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	637	730	660	676	7.19	cps
Lead	206-1	18082218	18175396	18166671	18141428	0.28	cps
Lead	207-1	15500294	15676951	15709743	15628996	0.72	cps
Lead	208-1	71200474	71410548	72036363	71549128	0.61	cps
Lithium	6-1	15877088	16251819	16771084	16299997	2.75	cps
Magnesium	24-2	64860822	64196354	64948364	64668513	0.64	cps
Manganese	55-2	7527540	7759150	7496653	7594448	1.89	cps
Molybdenum	94-1	10348048	10585872	10529878	10487933	1.19	cps
Molybdenum	95-1	12580932	12799150	12677547	12685876	0.86	cps
Molybdenum	96-1	14187984	14440546	14418011	14348847	0.97	cps
Molybdenum	97-1	7978864	7953479	7944404	7958916	0.22	cps
Molybdenum	98-1	20883350	20797142	20396157	20692216	1.26	cps
Neodymium	150-1	293	387	313	331	14.84	cps
Neodymium	150-2	20	40	50	37	41.66	cps
Nickel	60-2	709301	704530	707485	707105	0.34	cps
Phosphorus	31-2	45288	44527	45154	44990	0.90	cps
Potassium	39-2	20346816	20628399	20524879	20500032	0.69	cps
Rhodium	103-1	22621359	23032598	23649416	23101124	2.24	cps
Rhodium	103-2	9628100	9685370	9399199	9570890	1.58	cps
Scandium	45-1	19455772	19608330	20375284	19813129	2.49	cps
Scandium	45-2	613224	608582	619528	613778	0.90	cps
Selenium	82-1	103685	102982	102822	103163	0.45	cps
Selenium	77-2	2670	2654	2570	2631	2.04	cps
Selenium	78-2	9018	9287	9177	9161	1.48	cps
Silicon	28-1	4711867	4846868	4853000	4803912	1.66	cps
Silver	107-1	6504741	6618670	6622684	6582032	1.02	cps
Silver	109-1	6138262	6237342	6337372	6237659	1.60	cps
Sodium	23-2	122122053	120925549	124656886	122568162	1.55	cps
Strontium	86-1	17048168	17047252	16951242	17015554	0.33	cps
Strontium	88-1	148938783	146484491	145298928	146907401	1.26	cps
Sulfur	34-1	1095521	1097288	1090308	1094372	0.33	cps
Terbium	159-1	31101477	31135893	32773384	31670251	3.02	cps
Terbium	159-2	11466393	11440717	11551997	11486369	0.51	cps
Thallium	203-1	4566471	4507201	4331412	4468362	2.74	cps
Thallium	205-1	10638986	10476076	10366333	10493798	1.31	cps
Tin	118-1	4104097	4136169	4184374	4141547	0.98	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	CCV025	Instrumnet Name :	P8
Client Sample ID :	CCV025	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 12:52:21	DataFile Name :	040CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4406574	4299639	4377345	4361186	1.27	cps
Uranium	238-1	13778664	13866550	14068287	13904501	1.07	cps
Vanadium	51-2	1282926	1272192	1256890	1270669	1.03	cps
Ytterbium	172-1	108	117	167	131	24.16	cps
Ytterbium	172-2	67	56	50	57	14.78	cps
Ytterbium	176-1	22403	22687	22203	22431	1.08	cps
Ytterbium	176-2	9520	9809	9693	9674	1.50	cps
Yttrium	89-1	45490784	45031879	46268551	45597072	1.37	cps
Yttrium	89-2	4286056	4356969	4242043	4295023	1.35	cps
Zinc	66-2	2324015	2382123	2351386	2352508	1.24	cps
Zirconium	90-1	9140180	9111324	9030679	9094061	0.62	cps
Zirconium	91-1	2058934	2022765	2067065	2049588	1.15	cps

LB Number : LB116249 Operator : Jaswal
 Lab Sample ID : CCB025 Instrumnet Name : P8
 Client Sample ID : CCB025 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-10 13:02:19 DataFile Name : 041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	149	139	157	148	6.33	cps
Antimony	121-1	508	433	667	536	22.22	cps
Arsenic	75-2	9	4	7	7	37.75	cps
Barium	135-1	192	125	133	150	24.22	cps
Barium	137-1	217	233	183	211	12.06	cps
Beryllium	9-1	58	52	32	47	28.77	cps
Bismuth	209-1	19062288	18674856	19438874	19058673	2.00	cps
Bismuth	209-2	8535760	8585354	8687400	8602838	0.90	cps
Boron	10-1	5480	5590	5614	5561	1.29	cps
Boron	11-1	25683	25014	25391	25363	1.32	cps
Bromine	81-1	9593	9493	9733	9607	1.26	cps
Cadmium	111-1	1412	1400	1400	1404	0.49	cps
Cadmium	106-1	14550	14274	14158	14327	1.40	cps
Cadmium	108-1	121	63	100	94	31.30	cps
Calcium	43-1	576	474	542	531	9.84	cps
Calcium	44-1	26533	26121	26246	26300	0.80	cps
Carbon	12-1	6910094	7048824	7196608	7051842	2.03	cps
Carbon	12-2	73500	73350	74145	73665	0.57	cps
Chlorine	35-1	690797	677504	672297	680199	1.40	cps
Chlorine	35-2	3834	3967	3967	3923	1.96	cps
Chromium	52-2	980	940	930	950	2.78	cps
Cobalt	59-2	93	103	123	107	14.32	cps
Copper	63-2	1077	1023	1243	1115	10.30	cps
Dysprosium	156-1	8	25	17	17	50.01	cps
Dysprosium	156-2	0	0	10	3	173.21	cps
Erbium	164-1	233	167	233	211	18.23	cps
Erbium	164-2	73	70	93	79	16.00	cps
Gadolinium	160-1	258	292	242	264	9.65	cps
Gadolinium	160-2	60	67	93	73	24.06	cps
Holmium	165-1	30254036	30788730	29791006	30277924	1.65	cps
Holmium	165-2	11771569	11784221	11976677	11844156	0.97	cps
Indium	115-1	27082396	26290640	26899749	26757595	1.55	cps
Indium	115-2	3404620	3564929	3490137	3486562	2.30	cps
Iron	54-2	439	417	461	439	5.06	cps
Iron	56-2	4073	4001	3651	3908	5.78	cps
Iron	57-2	128	94	139	120	19.21	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	CCB025	Instrumnet Name :	P8
Client Sample ID :	CCB025	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 13:02:19	DataFile Name :	041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	647	607	630	628	3.20	cps
Lead	206-1	995	1033	1117	1048	5.96	cps
Lead	207-1	861	856	978	898	7.68	cps
Lead	208-1	3950	4150	4367	4156	5.01	cps
Lithium	6-1	17282596	17279425	17350722	17304248	0.23	cps
Magnesium	24-2	367	433	458	419	11.30	cps
Manganese	55-2	153	147	167	156	6.55	cps
Molybdenum	94-1	1033	858	925	939	9.41	cps
Molybdenum	95-1	150	83	183	139	36.66	cps
Molybdenum	96-1	358	383	325	356	8.23	cps
Molybdenum	97-1	242	125	100	156	48.61	cps
Molybdenum	98-1	258	250	208	239	11.21	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	70	37	67	58	31.77	cps
Phosphorus	31-2	225	150	200	192	19.93	cps
Potassium	39-2	13515	13365	13356	13412	0.66	cps
Rhodium	103-1	24860166	25528433	24384708	24924436	2.31	cps
Rhodium	103-2	10568981	10613491	10639430	10607301	0.34	cps
Scandium	45-1	19981260	19544963	20232102	19919442	1.75	cps
Scandium	45-2	612980	613093	610865	612313	0.20	cps
Selenium	82-1	-7	35	-15	4	646.01	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	35	33	25	31	17.07	cps
Silicon	28-1	387303	387853	390397	388518	0.42	cps
Silver	107-1	300	383	425	369	17.23	cps
Silver	109-1	150	158	217	175	20.75	cps
Sodium	23-2	43975	43524	44711	44070	1.36	cps
Strontium	86-1	1033	1083	1175	1097	6.55	cps
Strontium	88-1	942	858	933	911	5.04	cps
Sulfur	34-1	556139	557379	555733	556417	0.15	cps
Terbium	159-1	32860800	32128683	32532150	32507211	1.13	cps
Terbium	159-2	11862131	11716855	11716453	11765146	0.71	cps
Thallium	203-1	558	550	450	519	11.61	cps
Thallium	205-1	1367	1458	1242	1356	8.02	cps
Tin	118-1	2117	1683	2017	1939	11.70	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	CCB025	Instrumnet Name :	P8
Client Sample ID :	CCB025	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 13:02:19	DataFile Name :	041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	308	300	233	281	14.65	cps
Uranium	238-1	42	33	33	36	13.33	cps
Vanadium	51-2	3	17	7	9	78.08	cps
Ytterbium	172-1	50	133	83	89	47.19	cps
Ytterbium	172-2	61	67	33	54	33.26	cps
Ytterbium	176-1	3976	3776	3859	3870	2.60	cps
Ytterbium	176-2	2900	3089	2823	2937	4.67	cps
Yttrium	89-1	46234551	46355634	46697763	46429316	0.52	cps
Yttrium	89-2	4439852	4453152	4346599	4413201	1.32	cps
Zinc	66-2	530	553	543	542	2.16	cps
Zirconium	90-1	2759	2525	2892	2725	6.81	cps
Zirconium	91-1	650	492	533	558	14.70	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3654-10A	Instrumnet Name :	P8
Client Sample ID :	EW1X9A	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 13:05:19	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2469	2150	2275	2298	6.99	cps
Antimony	121-1	250	342	333	308	16.44	cps
Arsenic	75-2	1394	1362	1362	1373	1.35	cps
Barium	135-1	953162	979392	941224	957926	2.04	cps
Barium	137-1	1638863	1677124	1591921	1635969	2.61	cps
Beryllium	9-1	82	64	66	71	13.96	cps
Bismuth	209-1	19100733	19626053	19538434	19421740	1.45	cps
Bismuth	209-2	8245155	8860367	8795477	8633667	3.92	cps
Boron	10-1	29814	30456	32517	30929	4.57	cps
Boron	11-1	135325	142797	147144	141755	4.22	cps
Bromine	81-1	36234	39426	40881	38847	6.12	cps
Cadmium	111-1	1395	1448	1385	1410	2.41	cps
Cadmium	106-1	14333	14683	14325	14447	1.42	cps
Cadmium	108-1	67	58	121	82	41.42	cps
Calcium	43-1	3718201	3715059	3781372	3738211	1.00	cps
Calcium	44-1	60998946	61300481	59935311	60744913	1.18	cps
Carbon	12-1	34666938	36874977	37360961	36300959	3.96	cps
Carbon	12-2	391791	389245	392378	391138	0.43	cps
Chlorine	35-1	958116	1040323	1078531	1025656	6.00	cps
Chlorine	35-2	8077	7994	7927	8000	0.94	cps
Chromium	52-2	4604	4384	4484	4491	2.45	cps
Cobalt	59-2	1087	1140	1160	1129	3.36	cps
Copper	63-2	1770	1987	1723	1827	7.69	cps
Dysprosium	156-1	108	58	67	78	34.44	cps
Dysprosium	156-2	53	37	40	43	20.34	cps
Erbium	164-1	192	225	225	214	9.00	cps
Erbium	164-2	77	100	107	94	16.68	cps
Gadolinium	160-1	175	250	292	239	24.75	cps
Gadolinium	160-2	107	87	117	103	14.78	cps
Holmium	165-1	31873329	32327605	31793472	31998135	0.90	cps
Holmium	165-2	11819742	12557055	12638478	12338425	3.66	cps
Indium	115-1	26836292	26882167	26381280	26699913	1.04	cps
Indium	115-2	3404582	3574614	3538805	3506000	2.56	cps
Iron	54-2	1149535	1139305	1150541	1146461	0.54	cps
Iron	56-2	20341341	20512123	20700944	20518136	0.88	cps
Iron	57-2	515626	510195	517241	514354	0.72	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3654-10A	Instrumnet Name :	P8
Client Sample ID :	EW1X9A	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 13:05:19	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	630	607	590	609	3.30	cps
Lead	206-1	4229	3756	3823	3936	6.50	cps
Lead	207-1	3506	3573	3451	3510	1.74	cps
Lead	208-1	16165	15799	15482	15815	2.16	cps
Lithium	6-1	17417033	17823397	16375989	17205473	4.34	cps
Magnesium	24-2	6010153	5886598	5838275	5911675	1.50	cps
Manganese	55-2	488894	488350	489891	489045	0.16	cps
Molybdenum	94-1	3117	3234	3234	3195	2.11	cps
Molybdenum	95-1	2525	2175	2334	2345	7.48	cps
Molybdenum	96-1	3100	2984	3175	3087	3.13	cps
Molybdenum	97-1	1525	1467	1642	1545	5.77	cps
Molybdenum	98-1	3751	4026	3784	3853	3.90	cps
Neodymium	150-1	107	113	173	131	28.00	cps
Neodymium	150-2	33	558	30	207	146.71	cps
Nickel	60-2	1090	1043	1143	1092	4.58	cps
Phosphorus	31-2	2159	2067	2042	2089	2.94	cps
Potassium	39-2	296064	300324	303879	300089	1.30	cps
Rhodium	103-1	25114609	24886696	25018881	25006729	0.46	cps
Rhodium	103-2	10102024	10791652	10725352	10539676	3.61	cps
Scandium	45-1	20397488	20317602	19599853	20104981	2.18	cps
Scandium	45-2	613636	646274	637773	632561	2.68	cps
Selenium	82-1	17	41	63	40	57.53	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	26	42	38	35	23.57	cps
Silicon	28-1	139110307	139591261	137826232	138842600	0.66	cps
Silver	107-1	27186	28138	28188	27837	2.03	cps
Silver	109-1	26084	26058	26493	26212	0.93	cps
Sodium	23-2	9420115	9384381	9397980	9400825	0.19	cps
Strontium	86-1	624924	629801	625613	626779	0.42	cps
Strontium	88-1	5270803	5284017	5240448	5265089	0.42	cps
Sulfur	34-1	537616	535611	537080	536769	0.19	cps
Terbium	159-1	32685584	33300729	32817081	32934465	0.98	cps
Terbium	159-2	11856748	12318273	12140824	12105281	1.92	cps
Thallium	203-1	425	433	508	456	10.08	cps
Thallium	205-1	1267	1133	1117	1172	7.01	cps
Tin	118-1	1950	1934	1959	1947	0.65	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3654-10A	Instrumnet Name :	P8
Client Sample ID :	EW1X9A	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 13:05:19	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5180	5249	4167	4866	12.45	cps
Uranium	238-1	233	258	175	222	19.25	cps
Vanadium	51-2	370	447	410	409	9.38	cps
Ytterbium	172-1	83	150	92	108	33.53	cps
Ytterbium	172-2	61	44	83	63	30.99	cps
Ytterbium	176-1	3434	3559	3809	3601	5.30	cps
Ytterbium	176-2	2661	2584	2717	2654	2.52	cps
Yttrium	89-1	47552023	48403696	46992743	47649487	1.49	cps
Yttrium	89-2	4265814	4646716	4597526	4503352	4.60	cps
Zinc	66-2	2944	2944	2790	2893	3.06	cps
Zirconium	90-1	4876	5185	4893	4984	3.48	cps
Zirconium	91-1	1125	1300	1117	1181	8.77	cps

LB Number : LB116249 Operator : Jaswal
 Lab Sample ID : M3654-02DLX2 Instrumnet Name : P8
 Client Sample ID : EW1Z3 Dilution Factor : 2
 Date & Time Acquired :: 2021-09-10 13:08:17 DataFile Name : 043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7562	6911	7011	7161	4.90	cps
Antimony	121-1	467	500	558	508	9.13	cps
Arsenic	75-2	2648	2692	2734	2691	1.60	cps
Barium	135-1	97409	96192	97643	97081	0.80	cps
Barium	137-1	170114	169052	171136	170100	0.61	cps
Beryllium	9-1	176	158	258	197	27.01	cps
Bismuth	209-1	17935913	18105150	17896081	17979048	0.62	cps
Bismuth	209-2	8045558	8265734	8246929	8186073	1.49	cps
Boron	10-1	51173	53318	56827	53772	5.31	cps
Boron	11-1	237858	250076	253315	247083	3.30	cps
Bromine	81-1	45430	52211	54110	50583	9.02	cps
Cadmium	111-1	1518	1661	1477	1552	6.24	cps
Cadmium	106-1	14917	16435	15017	15456	5.50	cps
Cadmium	108-1	129	129	154	138	10.50	cps
Calcium	43-1	10538496	10372126	10582393	10497671	1.06	cps
Calcium	44-1	171703662	168300213	173130564	171044813	1.45	cps
Carbon	12-1	68268343	68724252	70949650	69314081	2.07	cps
Carbon	12-2	688855	706688	698001	697848	1.28	cps
Chlorine	35-1	1028019	1070145	1102466	1066877	3.50	cps
Chlorine	35-2	7744	7694	7769	7736	0.49	cps
Chromium	52-2	6051	5928	5925	5968	1.21	cps
Cobalt	59-2	1100	1150	1100	1117	2.59	cps
Copper	63-2	1770	1617	1720	1702	4.59	cps
Dysprosium	156-1	242	367	350	319	21.25	cps
Dysprosium	156-2	123	107	93	108	13.95	cps
Erbium	164-1	500	450	517	489	7.10	cps
Erbium	164-2	163	210	200	191	12.85	cps
Gadolinium	160-1	550	575	500	542	7.05	cps
Gadolinium	160-2	180	193	193	189	4.08	cps
Holmium	165-1	31072762	31869332	30601630	31181241	2.06	cps
Holmium	165-2	11827002	12890819	12663766	12460529	4.50	cps
Indium	115-1	26492045	26622133	26554630	26556269	0.24	cps
Indium	115-2	3381450	3529958	3507610	3473006	2.31	cps
Iron	54-2	6570471	6471464	6495731	6512555	0.79	cps
Iron	56-2	118554817	118824330	119213319	118864155	0.28	cps
Iron	57-2	2961067	2994683	2976526	2977425	0.57	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3654-02DLX2	Instrumnet Name :	P8
Client Sample ID :	EW1Z3	Dilution Factor :	2
Date & Time Acquired ::	2021-09-10 13:08:17	DataFile Name :	043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	763	713	637	704	9.06	cps
Lead	206-1	1567	1678	2206	1817	18.80	cps
Lead	207-1	1478	1433	1867	1593	14.98	cps
Lead	208-1	6429	6573	9235	7412	21.32	cps
Lithium	6-1	16322916	17496603	17232042	17017187	3.62	cps
Magnesium	24-2	11227602	11041102	11174309	11147671	0.86	cps
Manganese	55-2	1561051	1546053	1544420	1550508	0.59	cps
Molybdenum	94-1	27436	28296	27295	27675	1.96	cps
Molybdenum	95-1	1083	1108	1000	1064	5.33	cps
Molybdenum	96-1	6402	6335	6752	6496	3.45	cps
Molybdenum	97-1	475	600	683	586	17.89	cps
Molybdenum	98-1	1333	1417	1659	1470	11.49	cps
Neodymium	150-1	333	360	313	336	6.98	cps
Neodymium	150-2	93	77	90	87	10.17	cps
Nickel	60-2	890	733	830	818	9.67	cps
Phosphorus	31-2	1583	1467	1542	1531	3.86	cps
Potassium	39-2	1446032	1438047	1402913	1428997	1.61	cps
Rhodium	103-1	23978261	25132323	24225686	24445424	2.49	cps
Rhodium	103-2	9966850	10620387	10280570	10289269	3.18	cps
Scandium	45-1	20607713	21199557	21095433	20967568	1.51	cps
Scandium	45-2	640475	667245	652126	653282	2.05	cps
Selenium	82-1	-51	-11	83	7	995.27	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	28	35	44	36	22.49	cps
Silicon	28-1	59989816	60762308	59892185	60214769	0.79	cps
Silver	107-1	475	625	517	539	14.37	cps
Silver	109-1	317	275	217	269	18.64	cps
Sodium	23-2	218296713	222683630	222197997	221059447	1.09	cps
Strontium	86-1	1389315	1434638	1422322	1415425	1.66	cps
Strontium	88-1	11457846	11480855	12110242	11682981	3.17	cps
Sulfur	34-1	24516915	24564391	24245319	24442209	0.70	cps
Terbium	159-1	31203600	33341744	32754653	32433332	3.41	cps
Terbium	159-2	11839832	12348602	12006532	12064989	2.15	cps
Thallium	203-1	392	550	408	450	19.33	cps
Thallium	205-1	1008	892	1033	978	7.73	cps
Tin	118-1	2259	2342	2542	2381	6.12	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3654-02DLX2	Instrumnet Name :	P8
Client Sample ID :	EW1Z3	Dilution Factor :	2
Date & Time Acquired ::	2021-09-10 13:08:17	DataFile Name :	043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	7077	9353	7210	7880	16.21	cps
Uranium	238-1	467	492	884	614	38.09	cps
Vanadium	51-2	5961	6201	5875	6012	2.82	cps
Ytterbium	172-1	325	167	308	267	32.63	cps
Ytterbium	172-2	161	94	122	126	26.59	cps
Ytterbium	176-1	4276	4176	4309	4254	1.63	cps
Ytterbium	176-2	2400	2711	2600	2571	6.13	cps
Yttrium	89-1	47423918	48933064	50117711	48824898	2.77	cps
Yttrium	89-2	4508551	4773828	4616952	4633110	2.88	cps
Zinc	66-2	2370	2340	2444	2385	2.23	cps
Zirconium	90-1	74886	73812	74494	74397	0.73	cps
Zirconium	91-1	16927	16051	15901	16293	3.40	cps

LB Number : LB116249 Operator : Jaswal
 Lab Sample ID : M3654-03DLX5 Instrumnet Name : P8
 Client Sample ID : EW1Z4 Dilution Factor : 5
 Date & Time Acquired :: 2021-09-10 13:11:12 DataFile Name : 044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2021	1996	1962	1993	1.48	cps
Antimony	121-1	275	208	192	225	19.60	cps
Arsenic	75-2	129	131	117	126	6.02	cps
Barium	135-1	38840	41021	40979	40280	3.10	cps
Barium	137-1	68088	69671	70392	69384	1.70	cps
Beryllium	9-1	100	72	80	84	17.17	cps
Bismuth	209-1	18271260	18374709	18134623	18260197	0.66	cps
Bismuth	209-2	8362635	8192388	8293389	8282804	1.03	cps
Boron	10-1	27072	27552	28057	27560	1.79	cps
Boron	11-1	123144	129475	132979	128533	3.88	cps
Bromine	81-1	24837	26121	26984	25981	4.16	cps
Cadmium	111-1	1553	1460	1598	1537	4.55	cps
Cadmium	106-1	15701	15342	16185	15743	2.69	cps
Cadmium	108-1	96	129	83	103	23.06	cps
Calcium	43-1	3338519	3426844	3322947	3362770	1.67	cps
Calcium	44-1	54474268	55620094	54688524	54927629	1.11	cps
Carbon	12-1	30233455	31608847	31518053	31120118	2.47	cps
Carbon	12-2	308208	311829	310417	310152	0.59	cps
Chlorine	35-1	878512	884453	886929	883298	0.49	cps
Chlorine	35-2	6277	5993	6552	6274	4.45	cps
Chromium	52-2	3487	3594	3464	3515	1.97	cps
Cobalt	59-2	910	977	1000	962	4.85	cps
Copper	63-2	1150	1153	1123	1142	1.44	cps
Dysprosium	156-1	225	83	83	131	62.65	cps
Dysprosium	156-2	50	63	53	56	12.49	cps
Erbium	164-1	358	408	417	394	8.00	cps
Erbium	164-2	153	167	157	159	4.37	cps
Gadolinium	160-1	383	458	300	381	20.81	cps
Gadolinium	160-2	167	80	143	130	34.50	cps
Holmium	165-1	31118127	31362277	32226765	31569056	1.85	cps
Holmium	165-2	12626730	12427699	12148463	12400964	1.94	cps
Indium	115-1	27367333	27398495	26897574	27221134	1.03	cps
Indium	115-2	3612923	3566547	3449678	3543049	2.37	cps
Iron	54-2	1875566	1910429	1846491	1877495	1.71	cps
Iron	56-2	34393185	34779711	33812222	34328373	1.42	cps
Iron	57-2	859526	861756	856450	859244	0.31	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3654-03DLX5	Instrumnet Name :	P8
Client Sample ID :	EW1Z4	Dilution Factor :	5
Date & Time Acquired ::	2021-09-10 13:11:12	DataFile Name :	044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	777	747	640	721	9.96	cps
Lead	206-1	1017	978	1072	1022	4.64	cps
Lead	207-1	878	844	850	857	2.08	cps
Lead	208-1	3823	3973	3995	3930	2.38	cps
Lithium	6-1	17270411	17273072	17616746	17386743	1.15	cps
Magnesium	24-2	5449573	5573417	5497532	5506841	1.13	cps
Manganese	55-2	575760	584952	571208	577307	1.21	cps
Molybdenum	94-1	12940	12631	13240	12937	2.35	cps
Molybdenum	95-1	300	233	367	300	22.22	cps
Molybdenum	96-1	3000	2475	2542	2673	10.70	cps
Molybdenum	97-1	100	142	92	111	24.11	cps
Molybdenum	98-1	250	258	333	281	16.36	cps
Neodymium	150-1	133	180	133	149	18.10	cps
Neodymium	150-2	27	27	43	32	29.85	cps
Nickel	60-2	373	393	473	413	12.80	cps
Phosphorus	31-2	2042	2000	2059	2034	1.48	cps
Potassium	39-2	816242	819559	814116	816639	0.34	cps
Rhodium	103-1	25137081	24744635	25204450	25028722	0.99	cps
Rhodium	103-2	10512500	10350459	10565411	10476123	1.07	cps
Scandium	45-1	21341658	21286783	21249366	21292602	0.22	cps
Scandium	45-2	650446	649167	637657	645757	1.09	cps
Selenium	82-1	-123	-65	62	-42	-226.02	cps
Selenium	77-2	7	7	3	6	34.70	cps
Selenium	78-2	41	36	28	35	18.74	cps
Silicon	28-1	16126073	16354244	16033133	16171150	1.02	cps
Silver	107-1	408	367	283	353	18.04	cps
Silver	109-1	117	158	133	136	15.41	cps
Sodium	23-2	151873924	153301033	151688949	152287969	0.58	cps
Strontium	86-1	550619	547718	560151	552830	1.18	cps
Strontium	88-1	4655090	4554575	4630438	4613367	1.14	cps
Sulfur	34-1	12975370	13274315	13081313	13110333	1.16	cps
Terbium	159-1	32937297	32935342	33295775	33056138	0.63	cps
Terbium	159-2	12377124	11953338	12261538	12197333	1.80	cps
Thallium	203-1	325	417	233	325	28.21	cps
Thallium	205-1	1017	883	1050	983	8.97	cps
Tin	118-1	1642	1909	1875	1809	8.04	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3654-03DLX5	Instrumnet Name :	P8
Client Sample ID :	EW1Z4	Dilution Factor :	5
Date & Time Acquired ::	2021-09-10 13:11:12	DataFile Name :	044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4551	4668	5309	4843	8.43	cps
Uranium	238-1	300	300	258	286	8.41	cps
Vanadium	51-2	4117	4284	4344	4248	2.77	cps
Ytterbium	172-1	192	233	142	189	24.30	cps
Ytterbium	172-2	61	100	94	85	24.69	cps
Ytterbium	176-1	3867	4518	4192	4192	7.75	cps
Ytterbium	176-2	2289	2534	2372	2398	5.18	cps
Yttrium	89-1	49101541	47825389	49008736	48645222	1.46	cps
Yttrium	89-2	4567363	4639791	4568461	4591872	0.90	cps
Zinc	66-2	877	813	820	837	4.16	cps
Zirconium	90-1	35421	36498	35345	35755	1.80	cps
Zirconium	91-1	7427	7869	8069	7789	4.22	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3654-04DLX2	Instrumnet Name :	P8
Client Sample ID :	EW1W2	Dilution Factor :	2
Date & Time Acquired ::	2021-09-10 13:14:08	DataFile Name :	045AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	417	474	506	466	9.64	cps
Antimony	121-1	167	175	250	197	23.27	cps
Arsenic	75-2	186	143	148	159	14.79	cps
Barium	135-1	220247	214264	215192	216568	1.49	cps
Barium	137-1	385559	375851	376922	379444	1.40	cps
Beryllium	9-1	46	44	68	53	25.29	cps
Bismuth	209-1	19669618	20030235	19876595	19858816	0.91	cps
Bismuth	209-2	8623279	8748485	8845288	8739017	1.27	cps
Boron	10-1	39551	42052	42483	41362	3.83	cps
Boron	11-1	183616	191412	199872	191633	4.24	cps
Bromine	81-1	30926	34919	36977	34274	8.98	cps
Cadmium	111-1	1580	1464	1521	1522	3.81	cps
Cadmium	106-1	16177	15392	15751	15773	2.49	cps
Cadmium	108-1	125	125	125	125	0.00	cps
Calcium	43-1	2458023	2433861	2392855	2428247	1.36	cps
Calcium	44-1	39593682	39195971	38418454	39069369	1.53	cps
Carbon	12-1	34634602	35265238	36008556	35302799	1.95	cps
Carbon	12-2	353586	351959	356022	353856	0.58	cps
Chlorine	35-1	1032439	1086437	1113335	1077404	3.82	cps
Chlorine	35-2	7877	7761	7911	7850	1.00	cps
Chromium	52-2	2564	2354	2627	2515	5.69	cps
Cobalt	59-2	593	590	523	569	6.94	cps
Copper	63-2	1310	1323	1240	1291	3.47	cps
Dysprosium	156-1	50	75	33	53	39.74	cps
Dysprosium	156-2	7	20	17	14	48.02	cps
Erbium	164-1	233	183	208	208	12.00	cps
Erbium	164-2	73	80	93	82	12.39	cps
Gadolinium	160-1	292	225	283	267	13.62	cps
Gadolinium	160-2	60	73	103	79	28.13	cps
Holmium	165-1	32598199	32836324	32080362	32504961	1.19	cps
Holmium	165-2	12480342	12606854	12465159	12517452	0.62	cps
Indium	115-1	27925520	28637999	28045763	28203094	1.35	cps
Indium	115-2	3624030	3657190	3567954	3616391	1.25	cps
Iron	54-2	653978	642841	647078	647966	0.87	cps
Iron	56-2	11520936	11505840	11388537	11471771	0.63	cps
Iron	57-2	289418	290702	286252	288791	0.79	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3654-04DLX2	Instrumnet Name :	P8
Client Sample ID :	EW1W2	Dilution Factor :	2
Date & Time Acquired ::	2021-09-10 13:14:08	DataFile Name :	045AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	657	643	563	621	8.13	cps
Lead	206-1	1045	983	1172	1067	9.04	cps
Lead	207-1	794	750	939	828	11.93	cps
Lead	208-1	4006	4128	4512	4215	6.26	cps
Lithium	6-1	18226953	18763494	17849039	18279829	2.51	cps
Magnesium	24-2	4306197	4144850	4176479	4209176	2.03	cps
Manganese	55-2	266806	260717	265384	264302	1.21	cps
Molybdenum	94-1	2867	2984	2509	2786	8.89	cps
Molybdenum	95-1	492	433	408	444	9.62	cps
Molybdenum	96-1	783	1150	1158	1031	20.78	cps
Molybdenum	97-1	258	292	325	292	11.43	cps
Molybdenum	98-1	767	842	708	772	8.66	cps
Neodymium	150-1	27	40	60	42	39.73	cps
Neodymium	150-2	10	10	7	9	21.63	cps
Nickel	60-2	437	403	350	397	11.02	cps
Phosphorus	31-2	833	850	883	856	2.98	cps
Potassium	39-2	391740	388138	390158	390012	0.46	cps
Rhodium	103-1	26088272	26202040	26261877	26184063	0.34	cps
Rhodium	103-2	11067391	11163884	10681262	10970846	2.33	cps
Scandium	45-1	21558368	20973738	20721745	21084617	2.04	cps
Scandium	45-2	647847	646896	657863	650869	0.93	cps
Selenium	82-1	39	49	79	56	38.15	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	25	27	33	28	14.69	cps
Silicon	28-1	37222481	37182566	37594640	37333229	0.61	cps
Silver	107-1	325	308	275	303	8.41	cps
Silver	109-1	158	167	100	142	25.64	cps
Sodium	23-2	5613344	5513847	5427925	5518372	1.68	cps
Strontium	86-1	356820	362750	367620	362397	1.49	cps
Strontium	88-1	2979349	3082855	3043001	3035068	1.72	cps
Sulfur	34-1	629081	627478	630178	628912	0.22	cps
Terbium	159-1	34252100	33251355	32597716	33367057	2.50	cps
Terbium	159-2	12240516	12508441	12400300	12383086	1.09	cps
Thallium	203-1	308	317	433	353	19.81	cps
Thallium	205-1	908	925	733	856	12.41	cps
Tin	118-1	2609	2434	2384	2475	4.77	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3654-04DLX2	Instrumnet Name :	P8
Client Sample ID :	EW1W2	Dilution Factor :	2
Date & Time Acquired ::	2021-09-10 13:14:08	DataFile Name :	045AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1875	2017	1758	1884	6.87	cps
Uranium	238-1	83	108	83	92	15.74	cps
Vanadium	51-2	420	457	430	436	4.35	cps
Ytterbium	172-1	92	100	133	108	20.35	cps
Ytterbium	172-2	39	33	33	35	9.12	cps
Ytterbium	176-1	3992	4267	3726	3995	6.78	cps
Ytterbium	176-2	2172	2345	2650	2389	10.13	cps
Yttrium	89-1	49409989	49728894	48850646	49329843	0.90	cps
Yttrium	89-2	4610943	4529725	4679975	4606881	1.63	cps
Zinc	66-2	1237	1303	1247	1262	2.85	cps
Zirconium	90-1	7335	7319	7077	7244	2.00	cps
Zirconium	91-1	1425	1600	1383	1470	7.82	cps

LB Number : LB116249 Operator : Jaswal
 Lab Sample ID : M3623-20A Instrumnet Name : P8
 Client Sample ID : MEW1W1A Dilution Factor : 1
 Date & Time Acquired :: 2021-09-10 13:17:03 DataFile Name : 046AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6990	7118	7100	7069	0.98	cps
Antimony	121-1	417	433	275	375	23.20	cps
Arsenic	75-2	127	113	107	116	8.87	cps
Barium	135-1	470585	480716	464432	471911	1.74	cps
Barium	137-1	826731	828644	818358	824578	0.66	cps
Beryllium	9-1	88	92	106	95	9.92	cps
Bismuth	209-1	18183191	17932942	17669051	17928395	1.43	cps
Bismuth	209-2	7880140	8016681	8032863	7976561	1.05	cps
Boron	10-1	83933	86673	88036	86214	2.42	cps
Boron	11-1	378648	407381	414455	400161	4.74	cps
Bromine	81-1	105746	127090	141865	124901	14.54	cps
Cadmium	111-1	1566	1579	1588	1578	0.73	cps
Cadmium	106-1	15634	15910	15843	15796	0.91	cps
Cadmium	108-1	104	100	83	96	11.51	cps
Calcium	43-1	11114436	11005232	10648245	10922638	2.23	cps
Calcium	44-1	180404105	179550297	176477241	178810547	1.16	cps
Carbon	12-1	13760800	14632535	14930981	14441439	4.21	cps
Carbon	12-2	162298	160698	166717	163238	1.91	cps
Chlorine	35-1	2079970	2309868	2462830	2284223	8.44	cps
Chlorine	35-2	19714	20991	21216	20640	3.92	cps
Chromium	52-2	3120	3267	3194	3194	2.30	cps
Cobalt	59-2	1990	1850	1870	1903	3.98	cps
Copper	63-2	2247	2174	2047	2156	4.69	cps
Dysprosium	156-1	275	242	167	228	24.36	cps
Dysprosium	156-2	73	67	77	72	7.05	cps
Erbium	164-1	492	375	458	442	13.61	cps
Erbium	164-2	160	120	147	142	14.32	cps
Gadolinium	160-1	475	458	350	428	15.87	cps
Gadolinium	160-2	130	167	157	151	12.54	cps
Holmium	165-1	31421332	30805967	31321724	31183008	1.06	cps
Holmium	165-2	12000616	12329023	12345093	12224911	1.59	cps
Indium	115-1	26168177	27001779	26073916	26414624	1.93	cps
Indium	115-2	3425796	3453937	3543181	3474305	1.76	cps
Iron	54-2	2419407	2430004	2403496	2417636	0.55	cps
Iron	56-2	43463390	43363273	43665841	43497501	0.35	cps
Iron	57-2	1085695	1095572	1094728	1091999	0.50	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3623-20A	Instrumnet Name :	P8
Client Sample ID :	MEW1W1A	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 13:17:03	DataFile Name :	046AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	627	657	713	666	6.61	cps
Lead	206-1	2239	2139	2061	2147	4.15	cps
Lead	207-1	1895	2056	1839	1930	5.83	cps
Lead	208-1	9040	8618	8362	8674	3.95	cps
Lithium	6-1	16254427	17122548	16711326	16696100	2.60	cps
Magnesium	24-2	18666975	18387043	18821055	18625024	1.18	cps
Manganese	55-2	1024396	1033974	1029841	1029404	0.47	cps
Molybdenum	94-1	8544	8903	9362	8936	4.58	cps
Molybdenum	95-1	508	542	675	575	15.34	cps
Molybdenum	96-1	2292	2475	2342	2370	4.00	cps
Molybdenum	97-1	267	325	250	281	14.04	cps
Molybdenum	98-1	683	817	800	767	9.48	cps
Neodymium	150-1	253	267	273	264	3.85	cps
Neodymium	150-2	47	57	53	52	9.75	cps
Nickel	60-2	1000	967	1070	1012	5.21	cps
Phosphorus	31-2	2100	1783	1859	1914	8.65	cps
Potassium	39-2	1063605	1088683	1084644	1078977	1.25	cps
Rhodium	103-1	24390698	24416560	24161724	24322994	0.58	cps
Rhodium	103-2	10113383	10324047	10479962	10305797	1.79	cps
Scandium	45-1	20971970	20997681	21299484	21089712	0.86	cps
Scandium	45-2	645088	649906	657004	650666	0.92	cps
Selenium	82-1	80	80	107	89	17.71	cps
Selenium	77-2	0	3	7	3	100.05	cps
Selenium	78-2	23	27	32	27	16.50	cps
Silicon	28-1	58613780	58966693	55913768	57831414	2.89	cps
Silver	107-1	26885	27929	26534	27116	2.67	cps
Silver	109-1	24506	25249	24506	24753	1.73	cps
Sodium	23-2	188372396	189220563	189330367	188974442	0.28	cps
Strontium	86-1	1398844	1413530	1406827	1406400	0.52	cps
Strontium	88-1	11907798	12121697	11798917	11942804	1.37	cps
Sulfur	34-1	15773909	15493888	15033874	15433890	2.42	cps
Terbium	159-1	32362065	32522771	32386614	32423816	0.27	cps
Terbium	159-2	11832551	12240187	12038540	12037093	1.69	cps
Thallium	203-1	467	417	342	408	15.41	cps
Thallium	205-1	708	883	917	836	13.39	cps
Tin	118-1	2542	2750	2259	2517	9.81	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3623-20A	Instrumnet Name :	P8
Client Sample ID :	MEW1W1A	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 13:17:03	DataFile Name :	046AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4476	4142	4259	4292	3.94	cps
Uranium	238-1	1292	1725	1558	1525	14.33	cps
Vanadium	51-2	2157	1980	1937	2025	5.76	cps
Ytterbium	172-1	133	150	192	158	18.97	cps
Ytterbium	172-2	106	83	72	87	19.50	cps
Ytterbium	176-1	4376	4259	3692	4109	8.90	cps
Ytterbium	176-2	2234	2489	2339	2354	5.46	cps
Yttrium	89-1	48507049	49044704	49111553	48887769	0.68	cps
Yttrium	89-2	4537033	4551599	4617851	4568828	0.94	cps
Zinc	66-2	5331	5625	5461	5472	2.69	cps
Zirconium	90-1	24748	23821	22736	23768	4.24	cps
Zirconium	91-1	5385	5368	5076	5276	3.29	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3652-20A	Instrumnet Name :	P8
Client Sample ID :	MEW1Y6A	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 13:20:06	DataFile Name :	047AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3963	3728	3925	3872	3.26	cps
Antimony	121-1	1025	1050	950	1008	5.16	cps
Arsenic	75-2	770	751	759	760	1.26	cps
Barium	135-1	248421	237808	242261	242830	2.19	cps
Barium	137-1	423524	418240	420317	420694	0.63	cps
Beryllium	9-1	180	192	212	195	8.30	cps
Bismuth	209-1	19703391	20200606	20232053	20045350	1.48	cps
Bismuth	209-2	9331785	8896124	9061562	9096490	2.42	cps
Boron	10-1	64960	67320	68726	67002	2.84	cps
Boron	11-1	293444	308753	318743	306980	4.15	cps
Bromine	81-1	128100	143614	157488	143067	10.28	cps
Cadmium	111-1	1661	1699	1628	1662	2.13	cps
Cadmium	106-1	16652	16969	16460	16694	1.54	cps
Cadmium	108-1	96	75	92	88	12.60	cps
Calcium	43-1	6592373	6573379	6354341	6506698	2.03	cps
Calcium	44-1	108143367	104696418	106962030	106600605	1.64	cps
Carbon	12-1	14555364	15320369	16169580	15348437	5.26	cps
Carbon	12-2	165635	168772	174444	169617	2.63	cps
Chlorine	35-1	1844762	1934602	1904651	1894672	2.41	cps
Chlorine	35-2	13623	14149	14349	14040	2.67	cps
Chromium	52-2	3734	3917	4067	3906	4.28	cps
Cobalt	59-2	1417	1477	1377	1423	3.54	cps
Copper	63-2	1567	1693	1673	1645	4.14	cps
Dysprosium	156-1	575	450	608	544	15.33	cps
Dysprosium	156-2	233	257	207	232	10.77	cps
Erbium	164-1	1008	925	1117	1017	9.45	cps
Erbium	164-2	340	377	360	359	5.11	cps
Gadolinium	160-1	1000	742	817	853	15.58	cps
Gadolinium	160-2	413	397	390	400	3.00	cps
Holmium	165-1	34006570	34062442	33474788	33847933	0.96	cps
Holmium	165-2	13051761	13077160	13472822	13200581	1.79	cps
Indium	115-1	29210794	29464699	29630254	29435249	0.72	cps
Indium	115-2	3834598	3864807	3870751	3856719	0.50	cps
Iron	54-2	1658200	1668933	1655009	1660714	0.44	cps
Iron	56-2	30740535	30592832	29946369	30426579	1.39	cps
Iron	57-2	753371	746782	765147	755100	1.23	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3652-20A	Instrumnet Name :	P8
Client Sample ID :	MEW1Y6A	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 13:20:06	DataFile Name :	047AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	680	643	670	664	2.85	cps
Lead	206-1	1595	1433	1539	1522	5.38	cps
Lead	207-1	1495	1245	1133	1291	14.33	cps
Lead	208-1	6195	5923	5701	5940	4.17	cps
Lithium	6-1	18407384	19198099	18185179	18596887	2.86	cps
Magnesium	24-2	7864436	7753181	8027566	7881728	1.75	cps
Manganese	55-2	1252238	1250966	1242839	1248681	0.41	cps
Molybdenum	94-1	10971	11038	10546	10852	2.46	cps
Molybdenum	95-1	4509	4509	4301	4440	2.71	cps
Molybdenum	96-1	6260	6493	6135	6296	2.89	cps
Molybdenum	97-1	2709	3034	2759	2834	6.18	cps
Molybdenum	98-1	6785	6860	6585	6744	2.11	cps
Neodymium	150-1	540	587	527	551	5.72	cps
Neodymium	150-2	140	133	193	156	21.14	cps
Nickel	60-2	1117	1127	1183	1142	3.15	cps
Phosphorus	31-2	1233	942	942	1039	16.21	cps
Potassium	39-2	1668226	1615279	1672325	1651944	1.93	cps
Rhodium	103-1	26819405	27332038	26824437	26991960	1.09	cps
Rhodium	103-2	11582744	11446152	11451578	11493491	0.67	cps
Scandium	45-1	22715741	22392184	22586061	22564662	0.72	cps
Scandium	45-2	706886	711552	708753	709064	0.33	cps
Selenium	82-1	37	133	163	111	59.02	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	41	43	29	38	20.10	cps
Silicon	28-1	61268895	62430916	60735616	61478476	1.41	cps
Silver	107-1	30276	30902	31320	30832	1.70	cps
Silver	109-1	29090	29900	29650	29546	1.40	cps
Sodium	23-2	21921227	21877803	22500238	22099756	1.57	cps
Strontium	86-1	1547937	1472784	1487770	1502830	2.65	cps
Strontium	88-1	13009948	12432347	12609070	12683788	2.33	cps
Sulfur	34-1	2488746	2550054	2477103	2505301	1.56	cps
Terbium	159-1	36364915	35181790	35568411	35705039	1.69	cps
Terbium	159-2	13430249	13279644	13174568	13294820	0.97	cps
Thallium	203-1	433	392	300	375	18.19	cps
Thallium	205-1	867	842	900	870	3.37	cps
Tin	118-1	1950	1625	1508	1695	13.51	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	M3652-20A	Instrumnet Name :	P8
Client Sample ID :	MEW1Y6A	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 13:20:06	DataFile Name :	047AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4142	3759	3651	3851	6.71	cps
Uranium	238-1	8403	8411	8395	8403	0.10	cps
Vanadium	51-2	4381	4587	4284	4417	3.51	cps
Ytterbium	172-1	450	483	492	475	4.64	cps
Ytterbium	172-2	217	261	222	233	10.38	cps
Ytterbium	176-1	4484	4851	4434	4590	4.96	cps
Ytterbium	176-2	2706	2700	2717	2708	0.31	cps
Yttrium	89-1	52276924	52254658	50922584	51818055	1.50	cps
Yttrium	89-2	4974999	4989065	4981791	4981952	0.14	cps
Zinc	66-2	3267	3074	3097	3146	3.36	cps
Zirconium	90-1	23829	22644	22444	22972	3.26	cps
Zirconium	91-1	5134	4684	5310	5043	6.40	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	CCV026	Instrumnet Name :	P8
Client Sample ID :	CCV026	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 13:22:59	DataFile Name :	048CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4558235	4448344	4549386	4518655	1.35	cps
Antimony	121-1	4913871	4944393	4935432	4931232	0.32	cps
Arsenic	75-2	151665	151297	151303	151421	0.14	cps
Barium	135-1	6279713	6256338	6283739	6273263	0.24	cps
Barium	137-1	10713529	10848666	10769805	10777333	0.63	cps
Beryllium	9-1	2088395	2067406	2049515	2068439	0.94	cps
Bismuth	209-1	18154011	18145861	18549516	18283129	1.26	cps
Bismuth	209-2	8369297	8281267	8133628	8261397	1.44	cps
Boron	10-1	266362	279351	285312	277008	3.50	cps
Boron	11-1	1076543	1135260	1133728	1115177	3.00	cps
Bromine	81-1	29782	28839	27234	28619	4.50	cps
Cadmium	111-1	1354307	1341870	1346141	1347439	0.47	cps
Cadmium	106-1	174572	178369	176198	176379	1.08	cps
Cadmium	108-1	111778	112324	111298	111800	0.46	cps
Calcium	43-1	10209806	10138534	10377894	10242078	1.20	cps
Calcium	44-1	164987892	164674416	166743567	165468625	0.67	cps
Carbon	12-1	9700794	10079632	10041506	9940644	2.10	cps
Carbon	12-2	111312	110002	111807	111040	0.84	cps
Chlorine	35-1	1177629	1142532	1115734	1145299	2.71	cps
Chlorine	35-2	6427	6810	6893	6710	3.71	cps
Chromium	52-2	1641872	1658102	1638679	1646217	0.63	cps
Cobalt	59-2	2811459	2760417	2816579	2796151	1.11	cps
Copper	63-2	21785891	21984581	21885262	21885245	0.45	cps
Dysprosium	156-1	1025	1017	967	1003	3.15	cps
Dysprosium	156-2	330	413	370	371	11.23	cps
Erbium	164-1	350	383	325	353	8.30	cps
Erbium	164-2	133	130	143	136	5.12	cps
Gadolinium	160-1	1250	1200	1308	1253	4.33	cps
Gadolinium	160-2	457	500	417	458	9.10	cps
Holmium	165-1	33078411	32286636	32533300	32632782	1.24	cps
Holmium	165-2	13245917	12944239	12554820	12914992	2.68	cps
Indium	115-1	27319826	26857358	27550099	27242428	1.30	cps
Indium	115-2	3691481	3534555	3545376	3590471	2.44	cps
Iron	54-2	17109022	17030584	17265513	17135040	0.70	cps
Iron	56-2	323578096	314629751	315847685	318018511	1.53	cps
Iron	57-2	7734702	7660547	7694406	7696552	0.48	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	CCV026	Instrumnet Name :	P8
Client Sample ID :	CCV026	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 13:22:59	DataFile Name :	048CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	713	663	697	691	3.68	cps
Lead	206-1	19331716	19046600	19335530	19237949	0.86	cps
Lead	207-1	16683721	16783985	16802612	16756773	0.38	cps
Lead	208-1	76711990	76891664	77106253	76903302	0.26	cps
Lithium	6-1	17398474	17053695	17162664	17204944	1.02	cps
Magnesium	24-2	68971908	69149202	68868860	68996656	0.21	cps
Manganese	55-2	8242971	8288961	8271330	8267754	0.28	cps
Molybdenum	94-1	11468270	11822338	11662748	11651119	1.52	cps
Molybdenum	95-1	14071550	14078799	14119816	14090055	0.18	cps
Molybdenum	96-1	15691237	15614901	15973333	15759824	1.20	cps
Molybdenum	97-1	8561890	8687791	8620887	8623522	0.73	cps
Molybdenum	98-1	22711022	22524572	22259989	22498528	1.01	cps
Neodymium	150-1	420	340	253	338	24.68	cps
Neodymium	150-2	43	10	33	29	59.21	cps
Nickel	60-2	756485	750608	754232	753775	0.39	cps
Phosphorus	31-2	47955	47537	48081	47858	0.59	cps
Potassium	39-2	22544805	22830744	22512734	22629427	0.77	cps
Rhodium	103-1	24920260	24341884	24588694	24616946	1.18	cps
Rhodium	103-2	10719716	10429904	10151732	10433784	2.72	cps
Scandium	45-1	21243387	21286783	21760341	21430170	1.34	cps
Scandium	45-2	693951	686558	673210	684573	1.54	cps
Selenium	82-1	110317	112085	110835	111079	0.82	cps
Selenium	77-2	2940	2790	2737	2823	3.74	cps
Selenium	78-2	9739	9842	9841	9808	0.60	cps
Silicon	28-1	4980801	5050523	5147217	5059514	1.65	cps
Silver	107-1	7132707	7113950	7160681	7135779	0.33	cps
Silver	109-1	6769198	6782791	6720062	6757350	0.49	cps
Sodium	23-2	134316903	134626928	135067932	134670588	0.28	cps
Strontium	86-1	18848907	18657541	18577788	18694745	0.75	cps
Strontium	88-1	161096170	161514274	161546712	161385719	0.16	cps
Sulfur	34-1	1141316	1144067	1151430	1145604	0.46	cps
Terbium	159-1	33630919	33093582	34385084	33703195	1.92	cps
Terbium	159-2	12805801	12602366	12457217	12621795	1.39	cps
Thallium	203-1	4680122	4675521	4742511	4699385	0.80	cps
Thallium	205-1	11159329	11066618	11088574	11104840	0.44	cps
Tin	118-1	4513367	4566291	4467242	4515633	1.10	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	CCV026	Instrumnet Name :	P8
Client Sample ID :	CCV026	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 13:22:59	DataFile Name :	048CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4759428	4793236	4642071	4731578	1.68	cps
Uranium	238-1	14439829	14920825	14389058	14583237	2.01	cps
Vanadium	51-2	1330019	1311795	1315399	1319071	0.73	cps
Ytterbium	172-1	117	175	175	156	21.65	cps
Ytterbium	172-2	50	61	61	57	11.17	cps
Ytterbium	176-1	23029	24365	23589	23661	2.84	cps
Ytterbium	176-2	10232	10321	10271	10275	0.43	cps
Yttrium	89-1	49845114	48603158	50889501	49779258	2.30	cps
Yttrium	89-2	4894381	4835353	4762308	4830680	1.37	cps
Zinc	66-2	2510039	2521647	2448341	2493342	1.58	cps
Zirconium	90-1	9849921	10006728	10051659	9969436	1.06	cps
Zirconium	91-1	2269265	2287787	2253671	2270241	0.75	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	CCB026	Instrumnet Name :	P8
Client Sample ID :	CCB026	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 13:30:02	DataFile Name :	049CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	190	177	197	188	5.37	cps
Antimony	121-1	700	908	1008	872	18.04	cps
Arsenic	75-2	2	8	8	6	57.74	cps
Barium	135-1	117	183	192	164	25.08	cps
Barium	137-1	242	267	200	236	14.26	cps
Beryllium	9-1	64	84	80	76	13.92	cps
Bismuth	209-1	19737711	20227929	19709684	19891775	1.47	cps
Bismuth	209-2	8361886	8420271	8701079	8494412	2.13	cps
Boron	10-1	8245	8129	7981	8118	1.63	cps
Boron	11-1	37921	37340	35913	37058	2.79	cps
Bromine	81-1	10865	10655	10855	10792	1.10	cps
Cadmium	111-1	1462	1472	1448	1461	0.83	cps
Cadmium	106-1	14550	14917	14700	14722	1.25	cps
Cadmium	108-1	79	129	121	110	24.41	cps
Calcium	43-1	634	675	662	657	3.22	cps
Calcium	44-1	28232	28326	28058	28205	0.48	cps
Carbon	12-1	7119902	7332613	7399956	7284157	2.01	cps
Carbon	12-2	72973	74288	72563	73275	1.23	cps
Chlorine	35-1	588017	580580	566809	578469	1.86	cps
Chlorine	35-2	3759	3667	3192	3539	8.60	cps
Chromium	52-2	870	917	940	909	3.92	cps
Cobalt	59-2	170	200	150	173	14.52	cps
Copper	63-2	1380	1487	1380	1416	4.35	cps
Dysprosium	156-1	25	25	25	25	0.00	cps
Dysprosium	156-2	0	10	13	8	89.21	cps
Erbium	164-1	267	192	267	242	17.92	cps
Erbium	164-2	73	77	63	71	9.76	cps
Gadolinium	160-1	175	200	225	200	12.50	cps
Gadolinium	160-2	43	57	90	63	37.95	cps
Holmium	165-1	32133812	31787393	31755759	31892322	0.66	cps
Holmium	165-2	11893739	11739261	12115288	11916096	1.59	cps
Indium	115-1	28320341	27537486	27169387	27675738	2.12	cps
Indium	115-2	3520675	3406862	3455678	3461072	1.65	cps
Iron	54-2	611	722	650	661	8.53	cps
Iron	56-2	6968	6679	6780	6809	2.16	cps
Iron	57-2	189	139	150	159	16.49	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	CCB026	Instrumnet Name :	P8
Client Sample ID :	CCB026	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 13:30:02	DataFile Name :	049CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	623	650	630	634	2.19	cps
Lead	206-1	1528	1472	1361	1454	5.84	cps
Lead	207-1	1322	1272	1322	1306	2.21	cps
Lead	208-1	5912	5734	5684	5777	2.07	cps
Lithium	6-1	18241516	18041577	17029261	17770785	3.66	cps
Magnesium	24-2	867	925	975	922	5.88	cps
Manganese	55-2	283	297	267	282	5.33	cps
Molybdenum	94-1	1192	1200	1100	1164	4.77	cps
Molybdenum	95-1	417	275	367	353	20.37	cps
Molybdenum	96-1	567	575	450	531	13.17	cps
Molybdenum	97-1	192	250	158	200	23.20	cps
Molybdenum	98-1	633	508	433	525	19.25	cps
Neodymium	150-1	7	27	7	13	86.58	cps
Neodymium	150-2	3	0	7	3	100.05	cps
Nickel	60-2	57	37	57	50	23.09	cps
Phosphorus	31-2	200	200	125	175	24.75	cps
Potassium	39-2	14533	14449	14049	14344	1.80	cps
Rhodium	103-1	26166183	26076701	25833179	26025354	0.66	cps
Rhodium	103-2	10419437	10528638	10757924	10568666	1.63	cps
Scandium	45-1	21223248	21325182	19974285	20840905	3.61	cps
Scandium	45-2	620429	610017	625977	618808	1.31	cps
Selenium	82-1	55	-7	27	25	123.59	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	28	34	29	30	10.60	cps
Silicon	28-1	402605	403535	398744	401628	0.63	cps
Silver	107-1	642	650	483	592	15.87	cps
Silver	109-1	292	367	283	314	14.62	cps
Sodium	23-2	51282	51316	51901	51500	0.68	cps
Strontium	86-1	1358	1083	1133	1192	12.29	cps
Strontium	88-1	2275	2134	1942	2117	7.90	cps
Sulfur	34-1	543331	555642	551666	550213	1.14	cps
Terbium	159-1	33357340	33647476	32424132	33142983	1.93	cps
Terbium	159-2	11709665	11559808	11997956	11755809	1.89	cps
Thallium	203-1	642	617	758	672	11.25	cps
Thallium	205-1	1800	1500	1692	1664	9.13	cps
Tin	118-1	1850	1942	2125	1972	7.10	cps

LB Number :	LB116249	Operator :	Jaswal
Lab Sample ID :	CCB026	Instrumnet Name :	P8
Client Sample ID :	CCB026	Dilution Factor :	1
Date & Time Acquired ::	2021-09-10 13:30:02	DataFile Name :	049CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	308	250	225	261	16.38	cps
Uranium	238-1	175	175	158	169	5.68	cps
Vanadium	51-2	17	17	27	20	28.86	cps
Ytterbium	172-1	83	67	67	72	13.33	cps
Ytterbium	172-2	44	28	22	31	36.74	cps
Ytterbium	176-1	3626	4184	3576	3795	8.90	cps
Ytterbium	176-2	2678	2678	2484	2613	4.30	cps
Yttrium	89-1	49458099	49148178	47241159	48615812	2.47	cps
Yttrium	89-2	4420958	4391128	4546505	4452863	1.85	cps
Zinc	66-2	543	593	543	560	5.15	cps
Zirconium	90-1	3067	2934	2909	2970	2.87	cps
Zirconium	91-1	592	533	617	581	7.37	cps