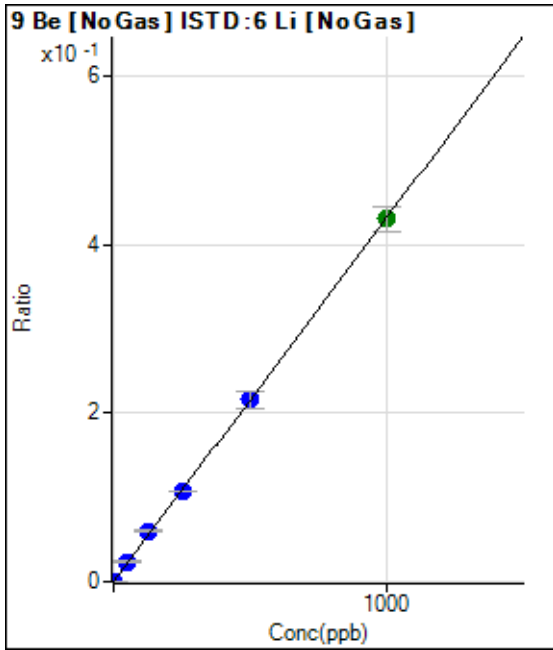


Calibration for 006CAL.S.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P8112921MS.b\  
 Analysis File: P8112921MS.batch.bin  
 DA Date-Time: 2021-11-29 14:20:34  
 Calibration Title:  
 Calibration Method: External Calibration  
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	005CALB.d	S00	2021-11-29 13:13:28
2	007CAL.S.d	S02	2021-11-29 13:19:36
3	008CAL.S.d	S03	2021-11-29 13:22:42
4	009CAL.S.d	S04	2021-11-29 13:25:45
5	010CAL.S.d	S05	2021-11-29 13:28:50
6	011CAL.S.d	S06	2021-11-29 13:31:53
7	012CAL.S.d	S07	2021-11-29 13:34:59
8	013CAL.S.d	S08	2021-11-29 13:38:02



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	0.000	58.66	0.0000	P	28.9
2	<input type="checkbox"/>	1.000	0.968	1627.11	0.0004	P	3.7
3	<input type="checkbox"/>	50.000	54.935	84765.29	0.0237	P	5.1
4	<input type="checkbox"/>	125.000	138.651	214258.45	0.0598	P	2.2
5	<input type="checkbox"/>	250.000	248.636	413417.71	0.1073	P	1.0
6	<input type="checkbox"/>	500.000	500.997	808965.15	0.2161	P	9.1
7	<input type="checkbox"/>	1000.000	997.890	1612250.51	0.4305	A	6.8
8	<input type="checkbox"/>			655.23	0.0002	P	47.0

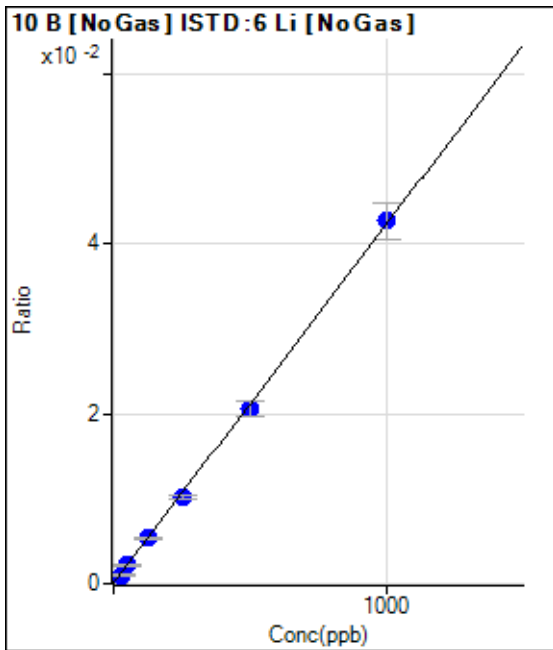
$y = 4.3137E-004 * x + 1.5900E-005$

R = 0.9999

DL = 0.03197

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	0.000	213.96	0.0001	P	7.8
2	<input type="checkbox"/>	25.000	22.147	3733.75	0.0010	P	5.3
3	<input type="checkbox"/>	50.000	51.178	7944.60	0.0022	P	7.6
4	<input type="checkbox"/>	125.000	125.748	19244.83	0.0054	P	6.3
5	<input type="checkbox"/>	250.000	240.563	39449.92	0.0102	P	5.1
6	<input type="checkbox"/>	500.000	486.141	77237.48	0.0206	P	8.1
7	<input type="checkbox"/>	1000.000	1009.208	159917.22	0.0427	P	9.9
8	<input type="checkbox"/>			20653.82	0.0057	P	10.3

$y = 4.2289E-005 * x + 5.7982E-005$

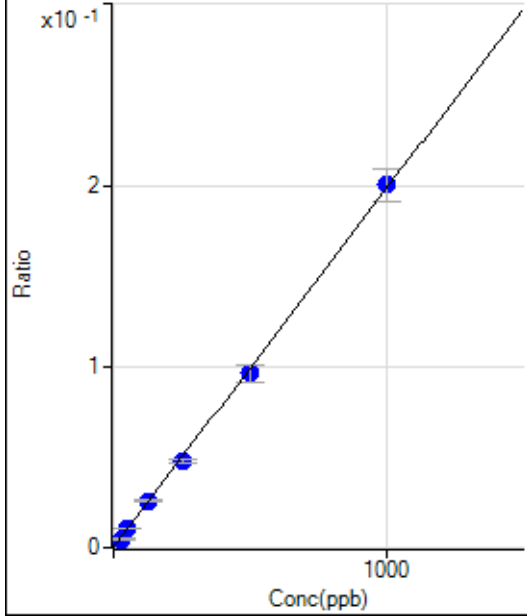
R = 0.9998

DL = 0.3229

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	879.19	0.0002	P	5.4
2	<input type="checkbox"/>	25.000	22.442	17579.77	0.0047	P	5.8
3	<input type="checkbox"/>	50.000	51.837	37574.72	0.0105	P	6.3
4	<input type="checkbox"/>	125.000	129.280	92494.47	0.0258	P	6.4
5	<input type="checkbox"/>	250.000	239.057	183452.01	0.0476	P	4.1
6	<input type="checkbox"/>	500.000	484.273	359896.77	0.0961	P	10.1
7	<input type="checkbox"/>	1000.000	1010.036	749505.64	0.2003	P	9.3
8	<input type="checkbox"/>			94323.14	0.0261	P	8.7

$y = 1.9803E-004 * x + 2.3820E-004$

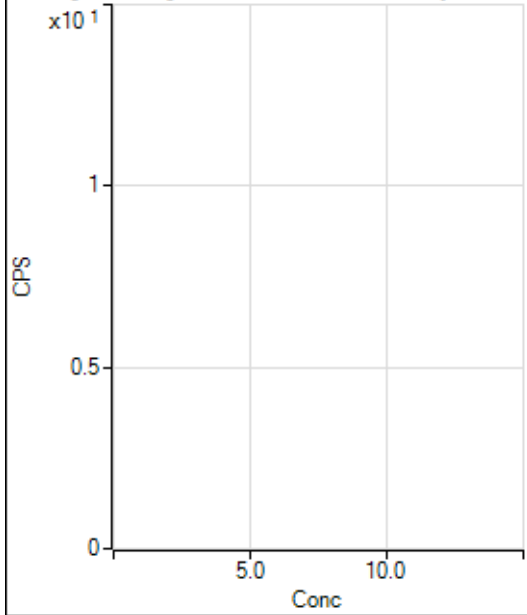
R = 0.9997

DL = 0.1933

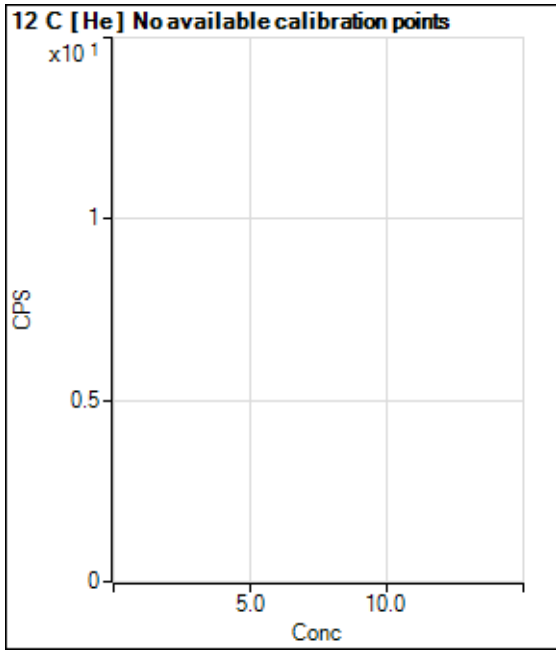
Weight: <None>

Min Conc: 0

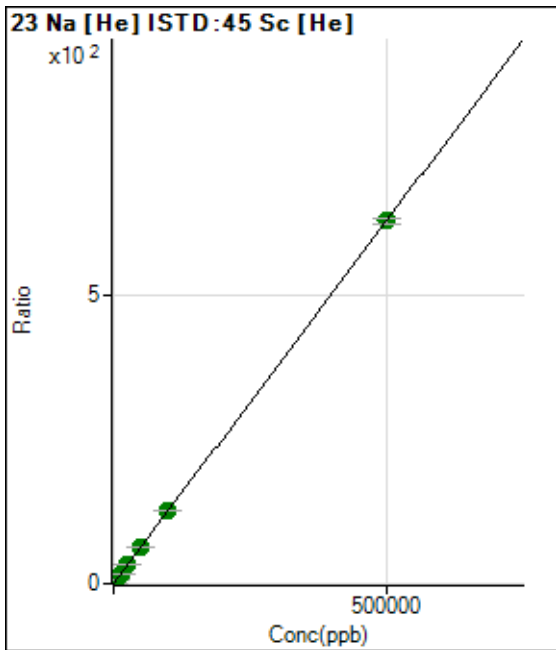
**12 C [No Gas] No available calibration points**



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			4830064.17		A	1.8
2	<input type="checkbox"/>			4842805.19		A	0.5
3	<input type="checkbox"/>			5083579.76		A	1.1
4	<input type="checkbox"/>			5320574.73		A	2.3
5	<input type="checkbox"/>			5607695.78		A	1.7
6	<input type="checkbox"/>			6034832.21		A	3.5
7	<input type="checkbox"/>			6898546.16		A	3.7
8	<input type="checkbox"/>			5883721.70		A	1.3



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>			46022.98		P	1.6
2	<input type="checkbox"/>			47324.07		P	3.7
3	<input type="checkbox"/>			50311.96		P	0.2
4	<input type="checkbox"/>			54747.36		P	1.5
5	<input type="checkbox"/>			56367.38		P	0.4
6	<input type="checkbox"/>			62458.62		P	0.9
7	<input type="checkbox"/>			75792.99		P	0.6
8	<input type="checkbox"/>			63800.24		P	1.4



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	0.000	11660.49	0.0539	P	3.3
2	<input type="checkbox"/>	500.000	458.989	138864.03	0.6327	P	0.5
3	<input type="checkbox"/>	5000.000	5378.506	1503294.59	6.8364	A	1.1
4	<input type="checkbox"/>	12500.000	13178.620	3586231.42	16.6727	A	2.7
5	<input type="checkbox"/>	25000.000	25969.587	7065191.04	32.8026	A	1.4
6	<input type="checkbox"/>	50000.000	49813.309	13120726.59	62.8705	A	1.4
7	<input type="checkbox"/>	100000.00	99582.683	26269154.40	125.6316	A	0.2
8	<input type="checkbox"/>	500000.00	500032.94	131016179.3	630.6155	A	1.6

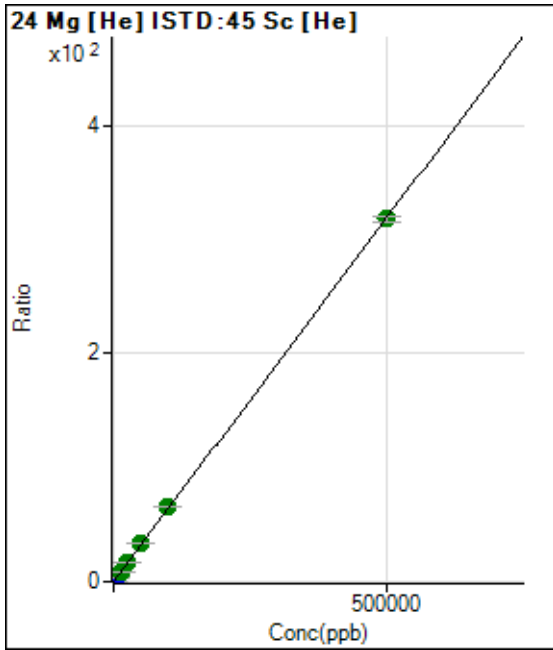
$y = 0.0013 * x + 0.0539$

R = 1.0000

DL = 4.203

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	494.47	0.0023	P	18.3
2	<input type="checkbox"/>	500.000	472.510	66555.37	0.3032	P	1.3
3	<input type="checkbox"/>	5000.000	5530.090	775057.02	3.5245	P	0.9
4	<input type="checkbox"/>	12500.000	13850.804	1898333.96	8.8242	A	1.0
5	<input type="checkbox"/>	25000.000	26875.630	3687483.89	17.1201	A	0.9
6	<input type="checkbox"/>	50000.000	52500.330	6978981.76	33.4411	A	1.5
7	<input type="checkbox"/>	100000.00	103431.68	13775994.58	65.8806	A	1.4
8	<input type="checkbox"/>	500000.00	498930.80	66019927.86	317.7843	A	1.3

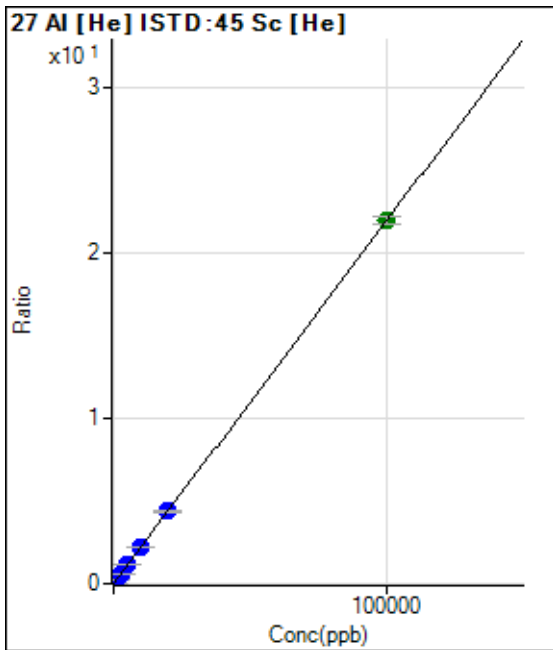
$y = 6.3693E-004 * x + 0.0023$

R = 1.0000

DL = 1.969

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	100.82	0.0005	P	8.4
2	<input type="checkbox"/>	20.000	18.383	986.58	0.0045	P	4.1
3	<input type="checkbox"/>	1000.000	1052.681	50836.69	0.2312	P	0.3
4	<input type="checkbox"/>	2500.000	2613.020	123306.30	0.5731	P	0.4
5	<input type="checkbox"/>	5000.000	5139.088	242688.61	1.1268	P	1.1
6	<input type="checkbox"/>	10000.000	10142.527	463973.77	2.2233	P	0.6
7	<input type="checkbox"/>	20000.000	19885.036	911370.79	4.3585	P	0.4
8	<input type="checkbox"/>	100000.00	99998.434	4552904.70	21.9164	A	2.0

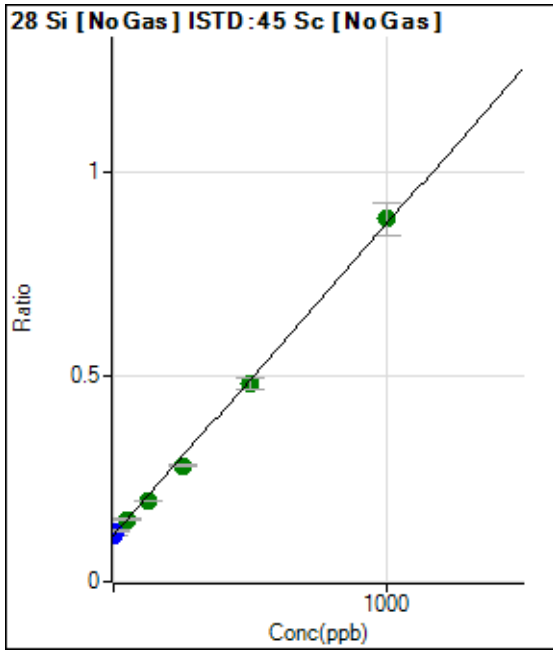
$y = 2.1916E-004 * x + 4.6597E-004$

R = 1.0000

DL = 0.5367

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	0.000	788497.60	0.1136	P	1.0
2	<input type="checkbox"/>	10.000	13.470	840736.85	0.1239	P	2.9
3	<input type="checkbox"/>	50.000	50.865	1038940.30	0.1523	A	3.8
4	<input type="checkbox"/>	125.000	109.082	1388144.82	0.1965	A	1.4
5	<input type="checkbox"/>	250.000	223.212	2023015.21	0.2832	A	2.8
6	<input type="checkbox"/>	500.000	485.225	3386344.78	0.4823	A	6.3
7	<input type="checkbox"/>	1000.000	1015.996	6135602.31	0.8856	A	8.8
8	<input type="checkbox"/>			2018434.92	0.2897	A	1.5

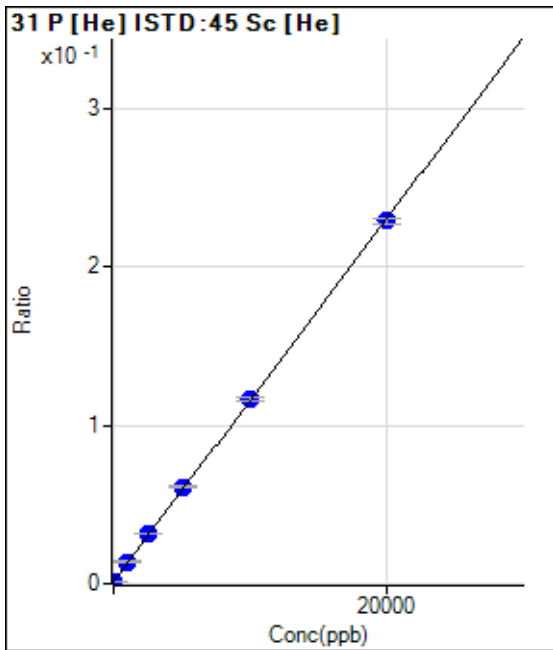
$y = 7.5981E-004 * x + 0.1136$

R = 0.9993

DL = 4.53

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	-29.852	202.79	0.0009	P	31.1
2	<input type="checkbox"/>	0.000	29.852	355.57	0.0016	P	11.5
3	<input type="checkbox"/>	1000.000	1085.991	3008.73	0.0137	P	9.4
4	<input type="checkbox"/>	2500.000	2659.399	6812.91	0.0317	P	1.3
5	<input type="checkbox"/>	5000.000	5217.365	13117.37	0.0609	P	2.5
6	<input type="checkbox"/>	10000.000	10043.637	24220.72	0.1161	P	1.8
7	<input type="checkbox"/>	20000.000	19899.616	47815.70	0.2287	P	1.8
8	<input type="checkbox"/>			272.23	0.0013	P	9.7

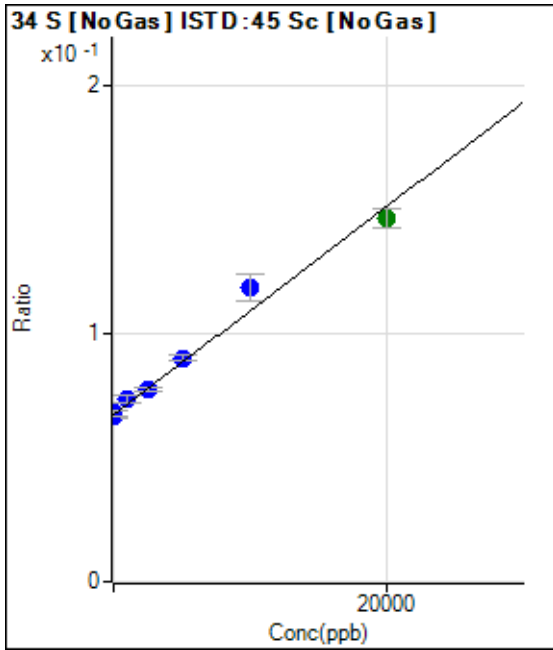
$y = 1.1428E-005 * x + 0.0013$

R = 0.9999

DL = 62.73

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	-173.517	462782.83	0.0667	P	1.0
2	<input type="checkbox"/>	0.000	173.517	462509.11	0.0681	P	3.6
3	<input type="checkbox"/>	1000.000	1483.606	502468.90	0.0737	P	4.5
4	<input type="checkbox"/>	2500.000	2440.590	548701.13	0.0777	P	1.3
5	<input type="checkbox"/>	5000.000	5452.598	645293.35	0.0903	P	2.2
6	<input type="checkbox"/>	10000.000	12134.189	829335.41	0.1184	P	9.2
7	<input type="checkbox"/>	20000.000	18803.002	1015813.94	0.1465	A	5.3
8	<input type="checkbox"/>			404271.58	0.0580	P	2.7

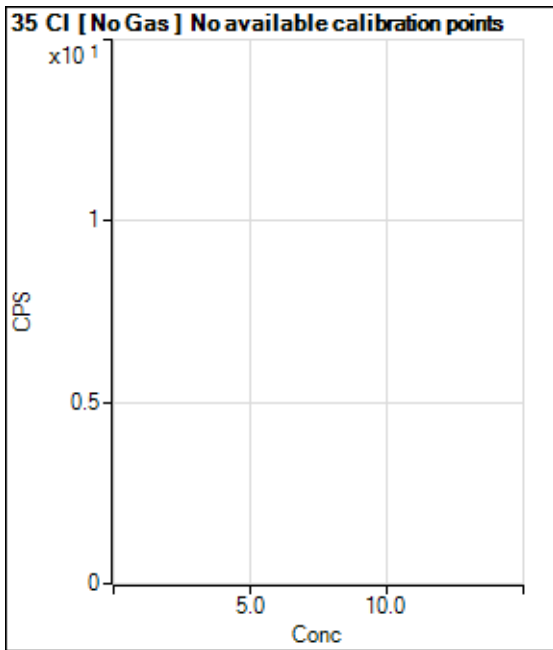
$y = 4.2038E-006 * x + 0.0674$

R = 0.9906

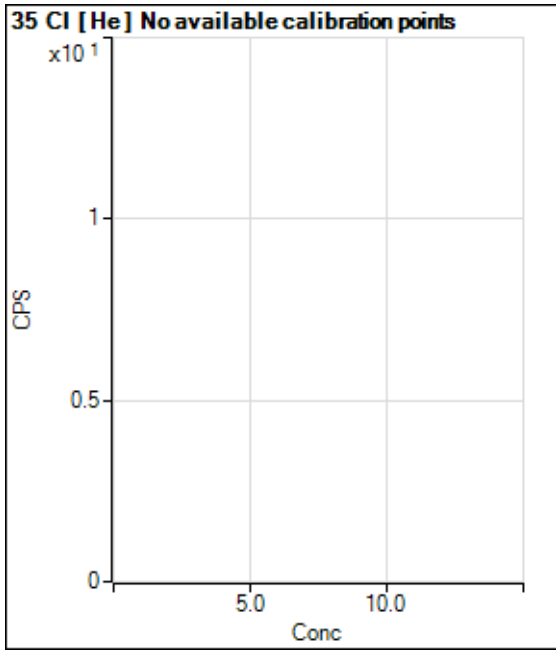
DL = 1130

Weight: <None>

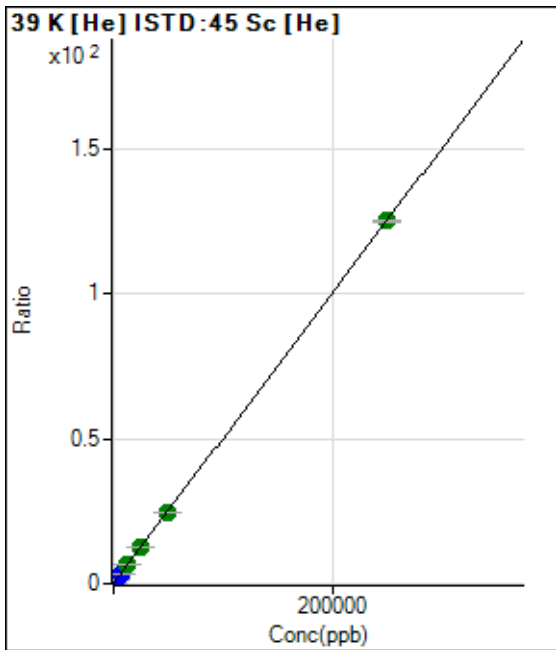
Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>			375771.98		P	1.1
2	<input type="checkbox"/>			362900.63		P	1.2
3	<input type="checkbox"/>			358633.80		P	0.8
4	<input type="checkbox"/>			353556.91		P	0.3
5	<input type="checkbox"/>			342377.17		P	1.7
6	<input type="checkbox"/>			341774.19		P	1.0
7	<input type="checkbox"/>			330350.85		P	1.7
8	<input type="checkbox"/>			335639.91		P	0.8



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			2214.11		P	5.1
2	<input type="checkbox"/>			2203.00		P	3.9
3	<input type="checkbox"/>			2241.90		P	7.8
4	<input type="checkbox"/>			2019.65		P	4.5
5	<input type="checkbox"/>			2025.20		P	3.0
6	<input type="checkbox"/>			1958.52		P	11.2
7	<input type="checkbox"/>			1775.15		P	6.8
8	<input type="checkbox"/>			1869.62		P	9.3



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	18879.44	0.0872	P	0.4
2	<input type="checkbox"/>	500.000	450.387	68616.52	0.3126	P	2.2
3	<input type="checkbox"/>	2500.000	2673.279	313373.84	1.4251	P	1.5
4	<input type="checkbox"/>	6250.000	6701.055	740208.48	3.4407	P	0.8
5	<input type="checkbox"/>	12500.000	12933.495	1412889.71	6.5597	A	1.0
6	<input type="checkbox"/>	25000.000	25216.970	2651853.57	12.7069	A	1.5
7	<input type="checkbox"/>	50000.000	48816.641	5126628.02	24.5172	A	0.3
8	<input type="checkbox"/>	250000.00	250180.39	26030768.81	125.2882	A	0.9

$y = 5.0044E-004 * x + 0.0872$

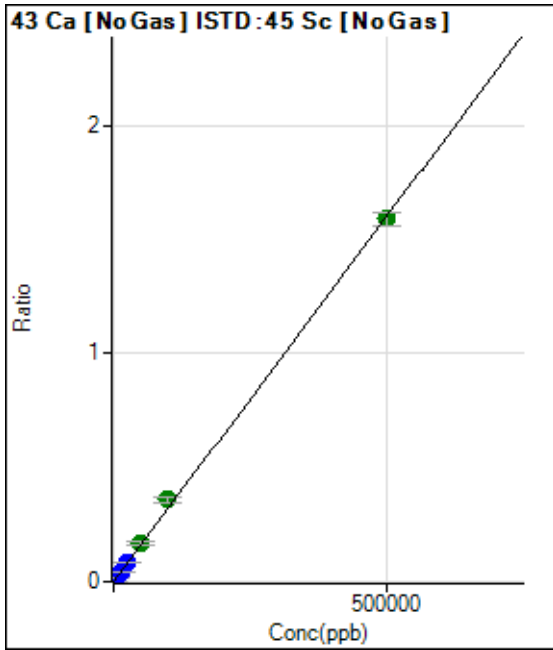
R = 1.0000

DL = 2.261

Weight: <None>

Min Conc: 0





	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	408.29	0.0001	P	1.4
2	<input type="checkbox"/>	500.000	456.775	10326.20	0.0015	P	1.7
3	<input type="checkbox"/>	5000.000	5612.439	122971.96	0.0180	P	3.8
4	<input type="checkbox"/>	12500.000	13499.329	305656.52	0.0433	P	0.5
5	<input type="checkbox"/>	25000.000	26691.269	610720.69	0.0855	P	1.5
6	<input type="checkbox"/>	50000.000	53668.890	1203574.07	0.1718	A	9.2
7	<input type="checkbox"/>	100000.00	112084.84	2488586.85	0.3588	A	5.4
8	<input type="checkbox"/>	500000.00	497100.51	11080627.65	1.5911	A	3.8

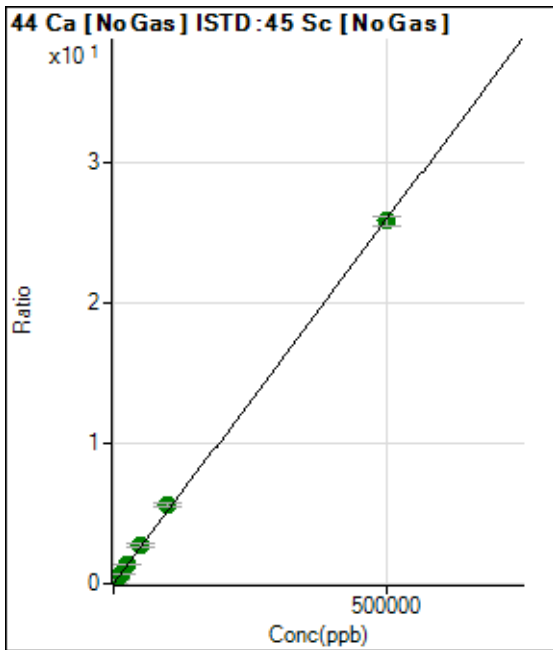
$y = 3.2007E-006 * x + 5.8823E-005$

R = 0.9997

DL = 0.7525

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	29882.82	0.0043	P	2.1
2	<input type="checkbox"/>	500.000	465.117	192807.86	0.0284	P	3.4
3	<input type="checkbox"/>	5000.000	5550.698	1991549.36	0.2919	A	4.4
4	<input type="checkbox"/>	12500.000	13193.970	4860167.33	0.6880	A	1.1
5	<input type="checkbox"/>	25000.000	25605.283	9509698.08	1.3311	A	1.5
6	<input type="checkbox"/>	50000.000	52083.208	18926123.64	2.7030	A	9.6
7	<input type="checkbox"/>	100000.00	108534.76	39030964.11	5.6281	A	5.7
8	<input type="checkbox"/>	500000.00	498031.64	179774816.7	25.8102	A	2.8

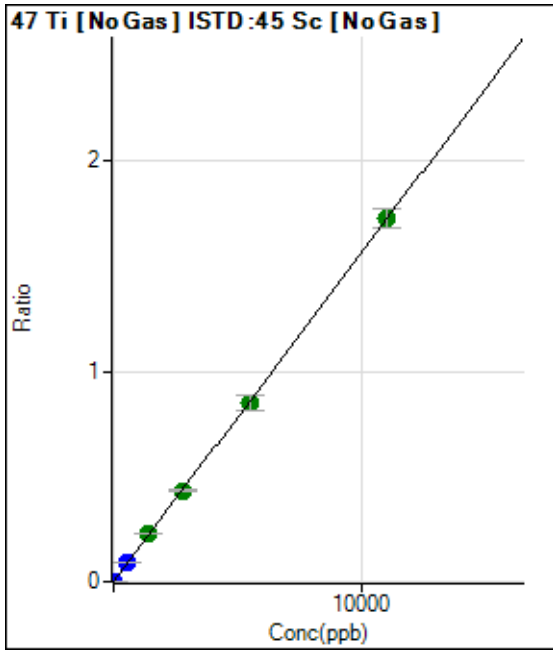
$y = 5.1816E-005 * x + 0.0043$

R = 0.9998

DL = 5.205

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	269.46	0.0000	P	14.4
2	<input type="checkbox"/>	5.000	5.090	5670.73	0.0008	P	7.3
3	<input type="checkbox"/>	550.000	601.247	642779.65	0.0942	P	3.1
4	<input type="checkbox"/>	1375.000	1454.826	1609688.06	0.2279	A	0.8
5	<input type="checkbox"/>	2750.000	2757.455	3085062.81	0.4318	A	1.7
6	<input type="checkbox"/>	5500.000	5439.073	5967436.59	0.8518	A	8.6
7	<input type="checkbox"/>	11000.000	11016.059	11965225.35	1.7251	A	5.4
8	<input type="checkbox"/>			3697.74	0.0005	P	31.4

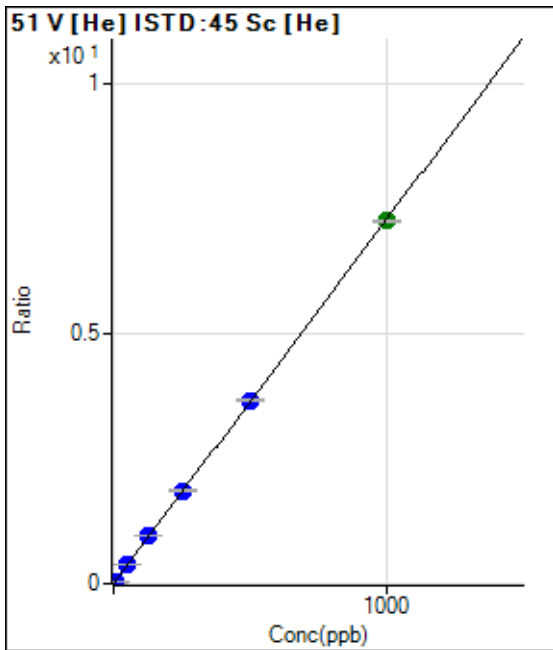
$y = 1.5659E-004 * x + 3.8817E-005$

R = 0.9999

DL = 0.1068

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	7.78	0.0000	P	49.8
2	<input type="checkbox"/>	5.000	4.654	7459.79	0.0340	P	0.9
3	<input type="checkbox"/>	50.000	51.945	83329.58	0.3790	P	1.5
4	<input type="checkbox"/>	125.000	130.262	204434.73	0.9503	P	0.7
5	<input type="checkbox"/>	250.000	255.882	402030.96	1.8666	P	2.3
6	<input type="checkbox"/>	500.000	503.098	765900.84	3.6700	P	1.3
7	<input type="checkbox"/>	1000.000	996.227	1519600.64	7.2673	A	0.8
8	<input type="checkbox"/>			602.25	0.0029	P	14.4

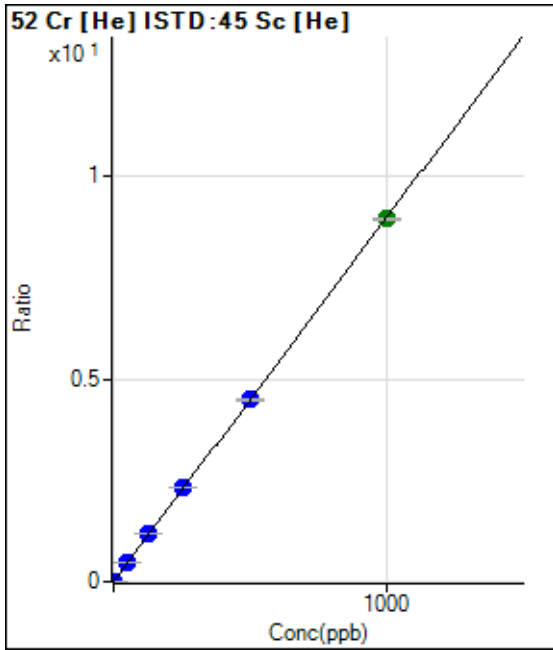
$y = 0.0073 * x + 3.5988E-005$

R = 1.0000

DL = 0.007366

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	483.35	0.0022	P	6.1
2	<input type="checkbox"/>	2.000	1.916	4261.79	0.0194	P	0.6
3	<input type="checkbox"/>	50.000	52.257	103572.99	0.4710	P	0.7
4	<input type="checkbox"/>	125.000	130.094	251551.35	1.1692	P	0.4
5	<input type="checkbox"/>	250.000	258.253	499439.42	2.3189	P	1.4
6	<input type="checkbox"/>	500.000	500.620	937659.75	4.4930	P	1.5
7	<input type="checkbox"/>	1000.000	996.877	1870380.84	8.9446	A	0.9
8	<input type="checkbox"/>			3758.32	0.0181	P	4.9

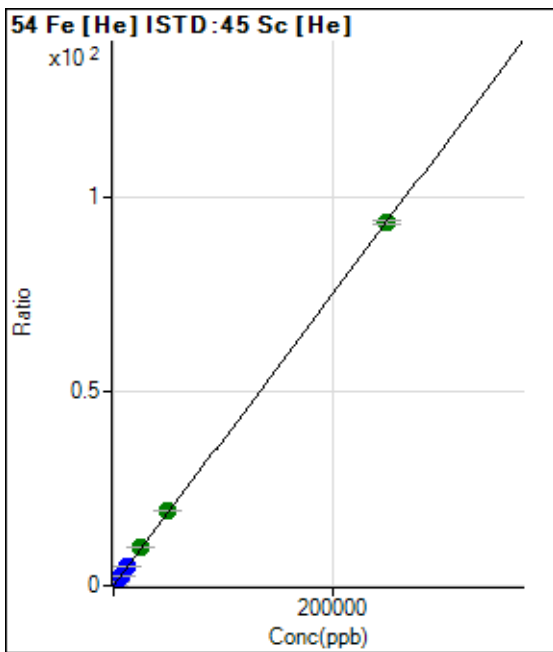
$y = 0.0090 * x + 0.0022$

R = 1.0000

DL = 0.04564

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	490.76	0.0023	P	18.2
2	<input type="checkbox"/>	50.000	48.369	4480.43	0.0204	P	4.0
3	<input type="checkbox"/>	2500.000	2733.570	226003.64	1.0278	P	1.9
4	<input type="checkbox"/>	6250.000	6857.688	553983.43	2.5751	P	0.7
5	<input type="checkbox"/>	12500.000	13331.183	1077747.10	5.0037	P	0.9
6	<input type="checkbox"/>	25000.000	26724.680	2092950.10	10.0286	A	1.7
7	<input type="checkbox"/>	50000.000	51459.938	4037526.65	19.3086	A	0.9
8	<input type="checkbox"/>	250000.00	249476.45	19445770.80	93.5988	A	1.2

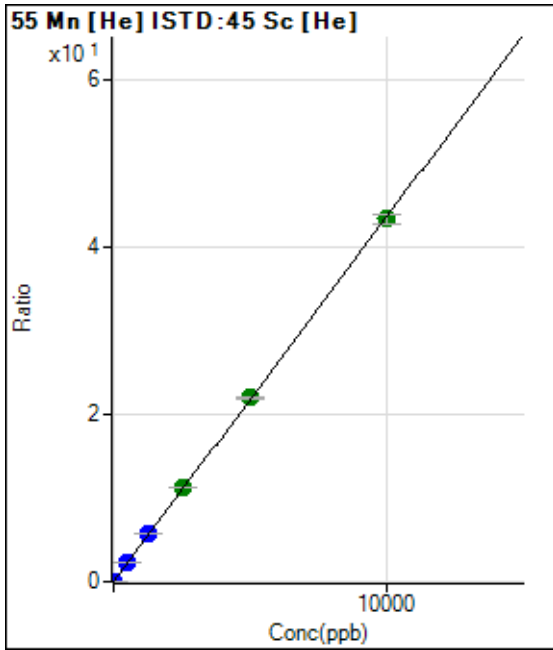
$y = 3.7517E-004 * x + 0.0023$

R = 1.0000

DL = 3.305

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	81.11	0.0004	P	21.0
2	<input type="checkbox"/>	1.000	0.974	1015.60	0.0046	P	5.9
3	<input type="checkbox"/>	500.000	523.481	502768.92	2.2863	P	0.5
4	<input type="checkbox"/>	1250.000	1319.672	1239745.60	5.7630	P	1.3
5	<input type="checkbox"/>	2500.000	2581.557	2428169.18	11.2733	A	0.8
6	<input type="checkbox"/>	5000.000	5037.610	4590540.07	21.9982	A	1.1
7	<input type="checkbox"/>	10000.000	9950.923	9087035.42	43.4532	A	2.9
8	<input type="checkbox"/>			6256.06	0.0301	P	3.6

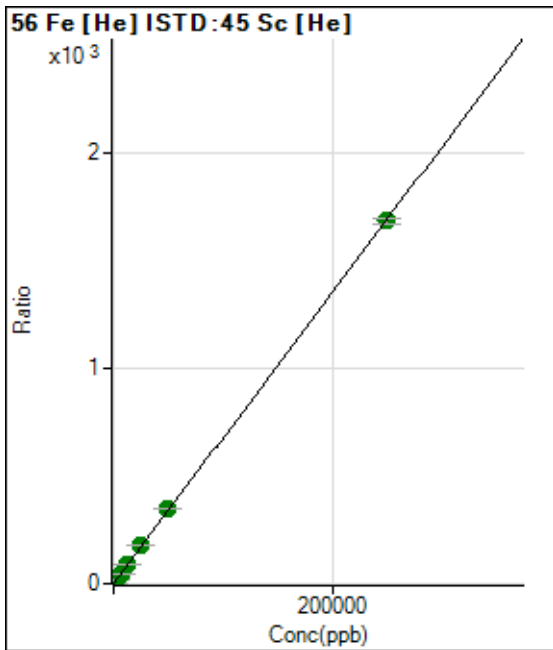
$y = 0.0044 * x + 3.7498E-004$

R = 0.9999

DL = 0.05414

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	3170.77	0.0146	P	5.7
2	<input type="checkbox"/>	50.000	47.513	73752.82	0.3360	P	0.9
3	<input type="checkbox"/>	2500.000	2733.444	4069135.22	18.5037	A	0.4
4	<input type="checkbox"/>	6250.000	6773.517	9858919.67	45.8308	A	2.0
5	<input type="checkbox"/>	12500.000	13283.431	19356027.05	89.8639	A	0.6
6	<input type="checkbox"/>	25000.000	25918.886	36586946.19	175.3303	A	1.0
7	<input type="checkbox"/>	50000.000	51671.194	73084525.71	349.5192	A	1.6
8	<input type="checkbox"/>	250000.00	249519.27	350608048.5	1,687.766	A	1.9

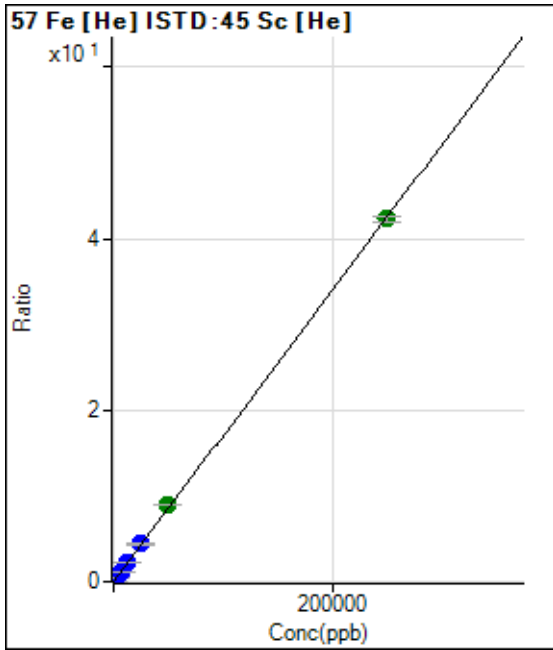
$y = 0.0068 * x + 0.0146$

R = 1.0000

DL = 0.3694

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	240.75	0.0011	P	15.2
2	<input type="checkbox"/>	50.000	47.458	2011.28	0.0092	P	11.1
3	<input type="checkbox"/>	2500.000	2649.520	99093.90	0.4506	P	0.3
4	<input type="checkbox"/>	6250.000	6699.185	244754.83	1.1376	P	1.1
5	<input type="checkbox"/>	12500.000	13131.655	480103.91	2.2289	P	1.3
6	<input type="checkbox"/>	25000.000	25931.484	918299.75	4.4005	P	1.6
7	<input type="checkbox"/>	50000.000	52475.858	1861821.77	8.9038	A	0.4
8	<input type="checkbox"/>	250000.00	249367.37	8789226.53	42.3070	A	1.6

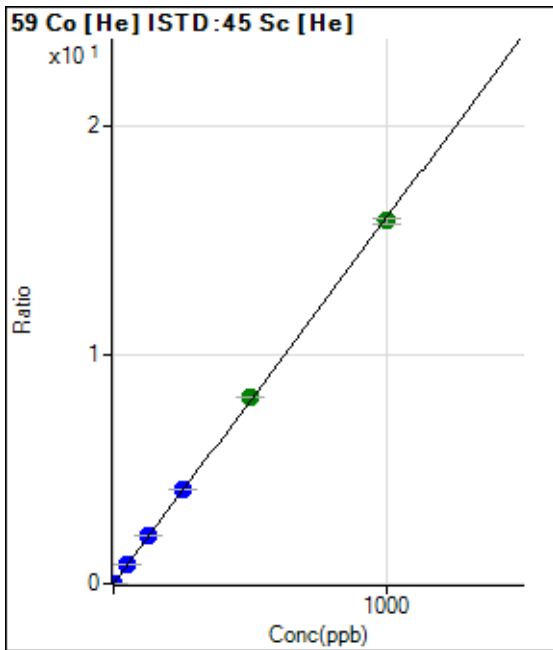
$y = 1.6965E-004 * x + 0.0011$

R = 0.9999

DL = 2.992

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	82.22	0.0004	P	15.7
2	<input type="checkbox"/>	1.000	0.949	3414.89	0.0156	P	3.4
3	<input type="checkbox"/>	50.000	52.418	184370.04	0.8384	P	0.5
4	<input type="checkbox"/>	125.000	131.141	451114.68	2.0970	P	1.2
5	<input type="checkbox"/>	250.000	257.699	887432.80	4.1203	P	1.6
6	<input type="checkbox"/>	500.000	510.975	1704852.80	8.1696	A	0.2
7	<input type="checkbox"/>	1000.000	991.699	3315301.65	15.8551	A	1.2
8	<input type="checkbox"/>			5043.20	0.0243	P	6.6

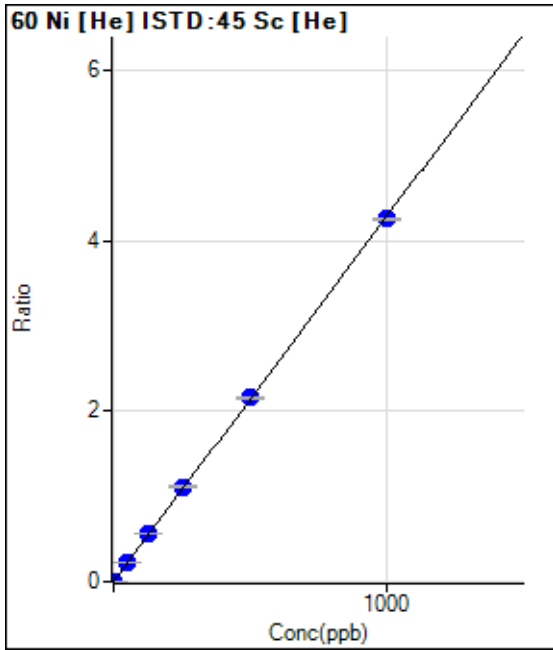
$y = 0.0160 * x + 3.8007E-004$

R = 0.9999

DL = 0.01121

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	0.000	108.89	0.0005	P	22.5
2	<input type="checkbox"/>	1.000	0.849	907.81	0.0041	P	6.9
3	<input type="checkbox"/>	50.000	53.685	50603.12	0.2301	P	1.4
4	<input type="checkbox"/>	125.000	133.833	123255.52	0.5729	P	0.7
5	<input type="checkbox"/>	250.000	260.532	240102.11	1.1148	P	2.1
6	<input type="checkbox"/>	500.000	503.446	449467.42	2.1538	P	0.6
7	<input type="checkbox"/>	1000.000	994.356	889352.76	4.2534	P	0.8
8	<input type="checkbox"/>			1420.09	0.0068	P	5.8

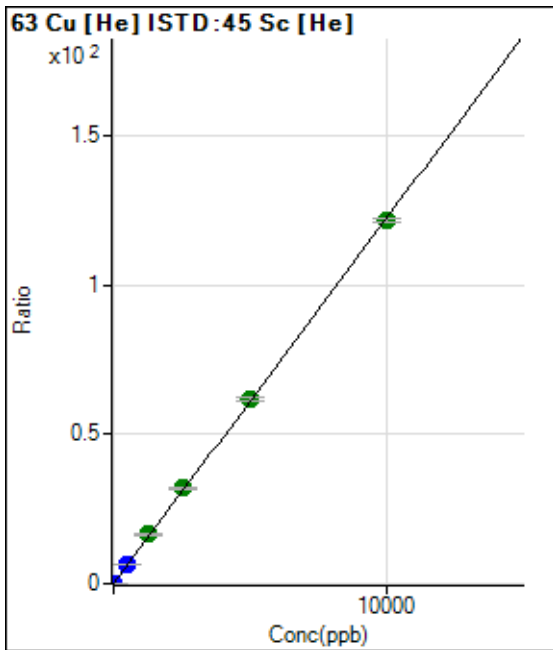
$y = 0.0043 * x + 5.0281E-004$

R = 0.9999

DL = 0.07951

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	0.000	845.59	0.0039	P	0.3
2	<input type="checkbox"/>	2.000	1.879	5902.38	0.0269	P	2.6
3	<input type="checkbox"/>	500.000	533.299	1435085.99	6.5259	P	0.3
4	<input type="checkbox"/>	1250.000	1345.259	3540550.78	16.4558	A	1.3
5	<input type="checkbox"/>	2500.000	2621.559	6905677.68	32.0644	A	2.3
6	<input type="checkbox"/>	5000.000	5052.053	12894863.56	61.7882	A	1.6
7	<input type="checkbox"/>	10000.000	9930.012	25393778.23	121.4433	A	1.2
8	<input type="checkbox"/>			10266.82	0.0494	P	8.7

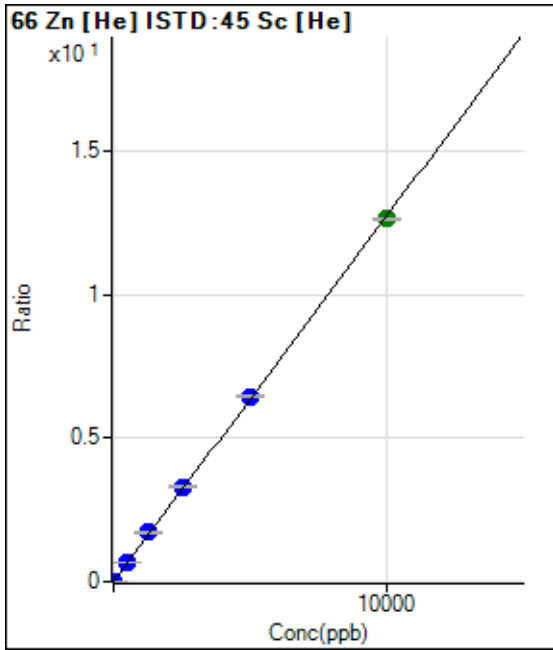
$y = 0.0122 * x + 0.0039$

R = 0.9999

DL = 0.002879

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	286.67	0.0013	P	16.3
2	<input type="checkbox"/>	2.000	2.123	883.37	0.0040	P	0.1
3	<input type="checkbox"/>	500.000	534.084	149652.12	0.6806	P	2.0
4	<input type="checkbox"/>	1250.000	1344.319	368120.29	1.7111	P	0.6
5	<input type="checkbox"/>	2500.000	2596.040	711431.52	3.3031	P	1.2
6	<input type="checkbox"/>	5000.000	5062.226	1343881.89	6.4397	P	0.9
7	<input type="checkbox"/>	10000.000	9931.383	2641542.81	12.6325	A	0.7
8	<input type="checkbox"/>			5454.48	0.0263	P	1.6

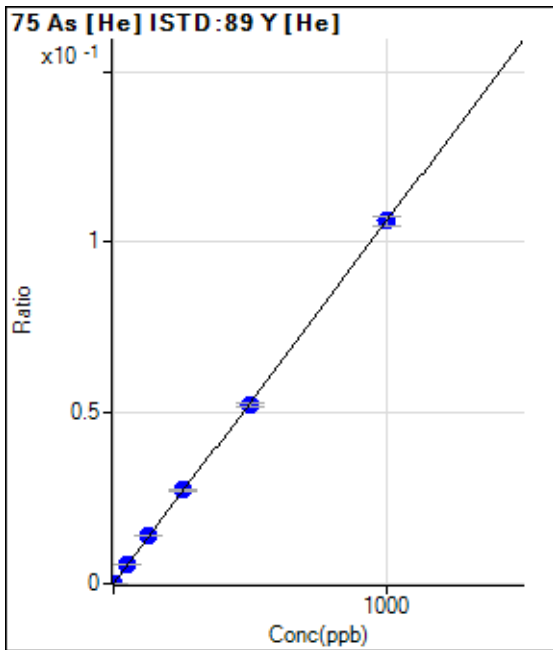
$y = 0.0013 * x + 0.0013$

R = 0.9999

DL = 0.5091

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	8.33	0.0000	P	20.5
2	<input type="checkbox"/>	1.000	1.021	188.69	0.0001	P	3.4
3	<input type="checkbox"/>	50.000	53.665	9338.70	0.0057	P	0.3
4	<input type="checkbox"/>	125.000	132.860	22897.44	0.0141	P	1.2
5	<input type="checkbox"/>	250.000	258.320	44678.34	0.0274	P	1.3
6	<input type="checkbox"/>	500.000	492.253	85059.31	0.0522	P	1.6
7	<input type="checkbox"/>	1000.000	1000.627	168555.35	0.1062	P	2.4
8	<input type="checkbox"/>			80.34	0.0001	P	26.2

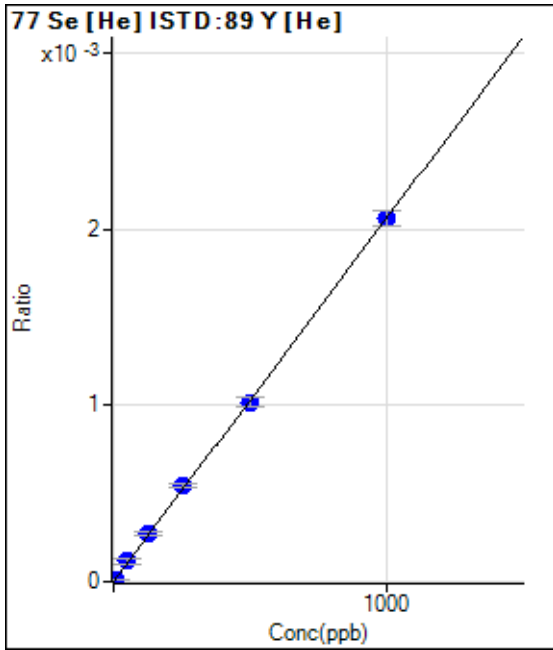
$y = 1.0612E-004 * x + 5.1379E-006$

R = 0.9999

DL = 0.02973

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	0.000	0.00	0.0000	P	
2	<input type="checkbox"/>	5.000	4.852	16.67	0.0000	P	34.1
3	<input type="checkbox"/>	50.000	56.602	191.11	0.0001	P	25.6
4	<input type="checkbox"/>	125.000	132.201	442.23	0.0003	P	6.1
5	<input type="checkbox"/>	250.000	264.598	888.93	0.0005	P	4.5
6	<input type="checkbox"/>	500.000	492.891	1654.56	0.0010	P	5.1
7	<input type="checkbox"/>	1000.000	998.676	3268.19	0.0021	P	4.3
8	<input type="checkbox"/>			3.33	0.0000	P	173.

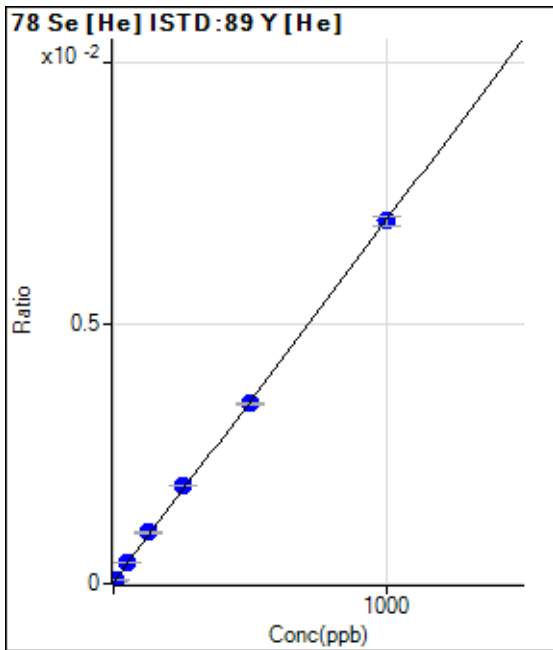
$y = 2.0622E-006 * x + 0.0000E+000$

R = 0.9998

DL = 0

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	<input type="checkbox"/>	0.000	0.000	47.67	0.0000	P	19.0
2	<input type="checkbox"/>	5.000	5.819	116.01	0.0001	P	7.1
3	<input type="checkbox"/>	50.000	55.477	679.75	0.0004	P	4.2
4	<input type="checkbox"/>	125.000	137.245	1596.59	0.0010	P	1.7
5	<input type="checkbox"/>	250.000	265.706	3056.98	0.0019	P	0.6
6	<input type="checkbox"/>	500.000	492.814	5624.70	0.0035	P	1.2
7	<input type="checkbox"/>	1000.000	997.858	11056.46	0.0070	P	2.5
8	<input type="checkbox"/>			56.34	0.0000	P	7.5

$y = 6.9506E-006 * x + 2.9283E-005$

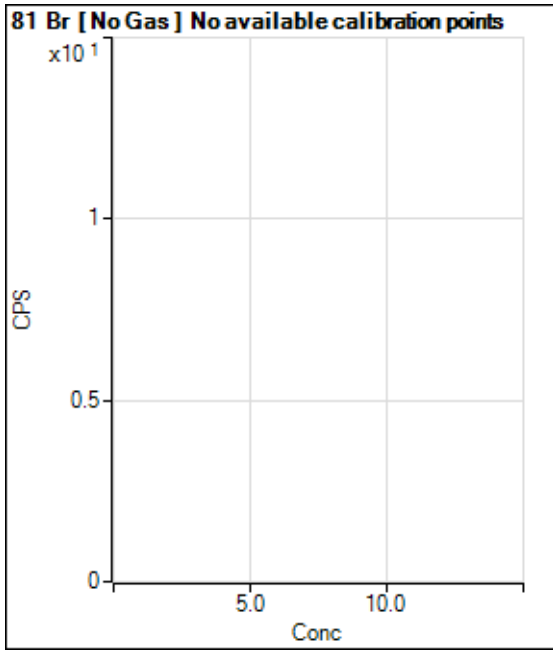
R = 0.9998

DL = 2.399

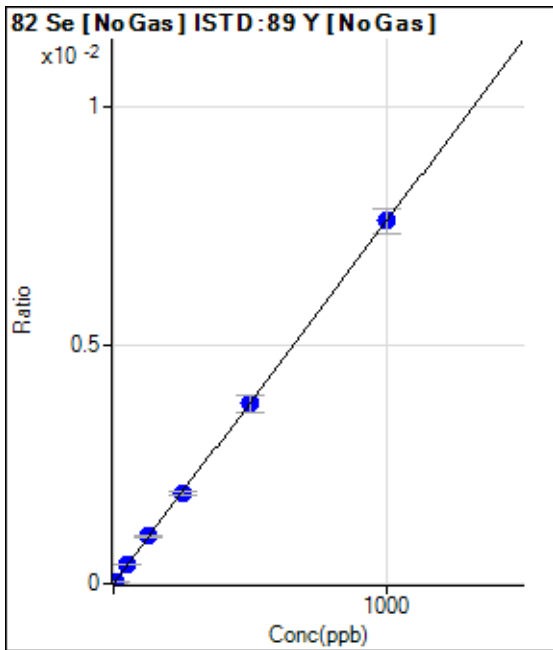
Weight: <None>

Min Conc: 0





	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			19336.78		P	1.4
2	<input type="checkbox"/>			20870.64		P	3.4
3	<input type="checkbox"/>			20633.29		P	3.5
4	<input type="checkbox"/>			19426.85		P	5.3
5	<input type="checkbox"/>			19634.14		P	4.9
6	<input type="checkbox"/>			19346.80		P	3.9
7	<input type="checkbox"/>			19196.32		P	3.0
8	<input type="checkbox"/>			20015.01		P	3.1



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	6.88	0.0000	P	634.
2	<input type="checkbox"/>	5.000	4.112	461.14	0.0000	P	9.4
3	<input type="checkbox"/>	50.000	53.267	5928.87	0.0004	P	4.8
4	<input type="checkbox"/>	125.000	131.037	14681.96	0.0010	P	3.0
5	<input type="checkbox"/>	250.000	249.512	28910.95	0.0019	P	3.9
6	<input type="checkbox"/>	500.000	497.253	55619.04	0.0038	P	9.2
7	<input type="checkbox"/>	1000.000	1000.582	111569.07	0.0076	P	7.0
8	<input type="checkbox"/>			198.68	0.0000	P	19.0

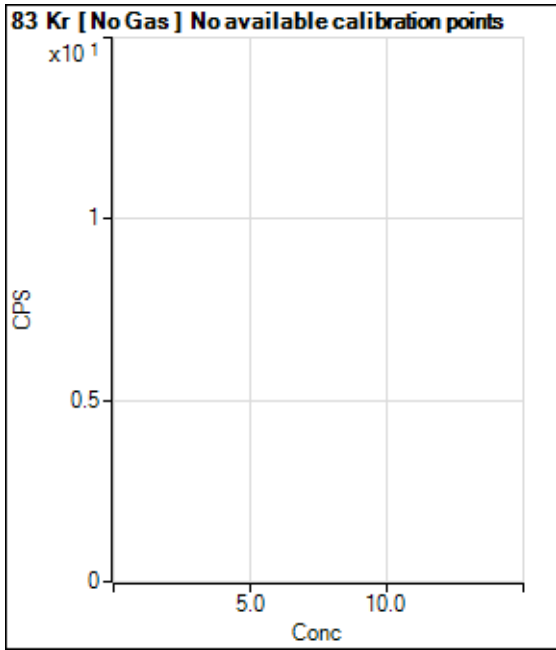
$y = 7.6091E-006 * x + 4.9179E-007$

R = 1.0000

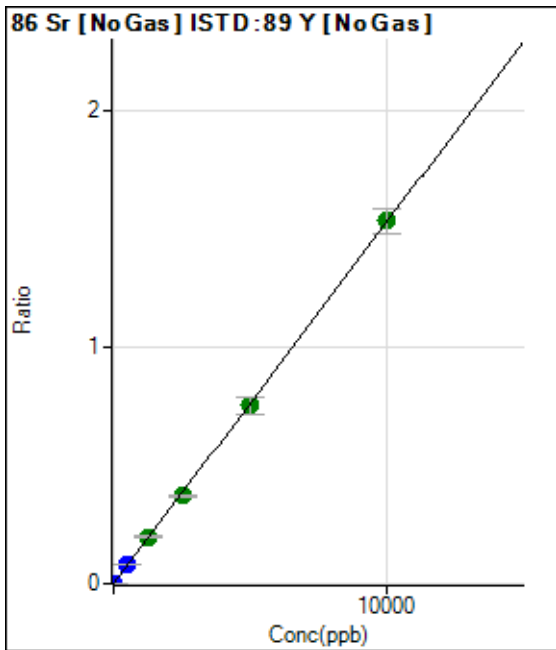
DL = 1.23

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			721.14		P	5.3
2	<input type="checkbox"/>			751.14		P	7.0
3	<input type="checkbox"/>			692.25		P	4.0
4	<input type="checkbox"/>			744.48		P	6.5
5	<input type="checkbox"/>			690.02		P	7.3
6	<input type="checkbox"/>			684.47		P	6.2
7	<input type="checkbox"/>			676.69		P	5.8
8	<input type="checkbox"/>			716.69		P	4.7



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	1108.41	0.0001	P	5.1
2	<input type="checkbox"/>	1.000	0.935	3169.89	0.0002	P	10.3
3	<input type="checkbox"/>	500.000	525.075	1172257.78	0.0802	P	4.9
4	<input type="checkbox"/>	1250.000	1292.727	2906354.95	0.1975	A	2.3
5	<input type="checkbox"/>	2500.000	2422.399	5633763.45	0.3699	A	2.8
6	<input type="checkbox"/>	5000.000	4937.898	11081667.44	0.7540	A	9.3
7	<input type="checkbox"/>	10000.000	10043.857	22471543.21	1.5336	A	7.1
8	<input type="checkbox"/>			18408.39	0.0013	P	15.5

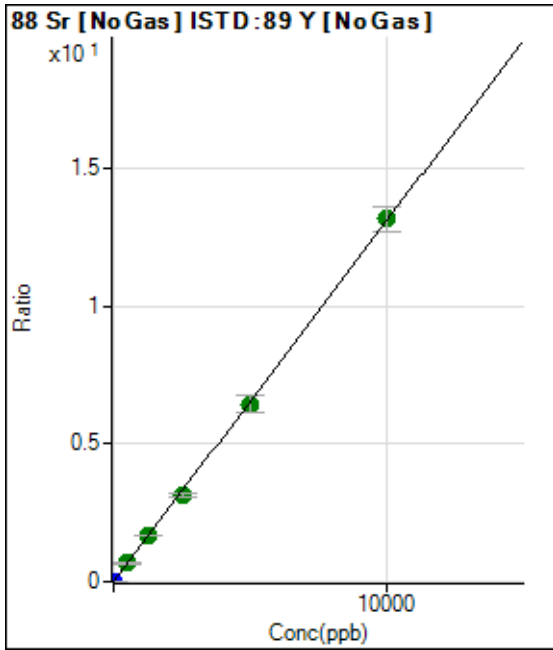
$y = 1.5268E-004 * x + 7.5899E-005$

R = 0.9999

DL = 0.0758

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	158.34	0.0000	P	23.8
2	<input type="checkbox"/>	1.000	0.932	17853.53	0.0012	P	2.9
3	<input type="checkbox"/>	500.000	518.922	9926988.59	0.6795	A	4.8
4	<input type="checkbox"/>	1250.000	1265.853	24402575.54	1.6576	A	0.6
5	<input type="checkbox"/>	2500.000	2404.533	47944098.99	3.1487	A	2.7
6	<input type="checkbox"/>	5000.000	4919.426	94633498.64	6.4418	A	10.1
7	<input type="checkbox"/>	10000.000	10061.226	193039895.9	13.1748	A	7.2
8	<input type="checkbox"/>			152365.36	0.0104	P	17.8

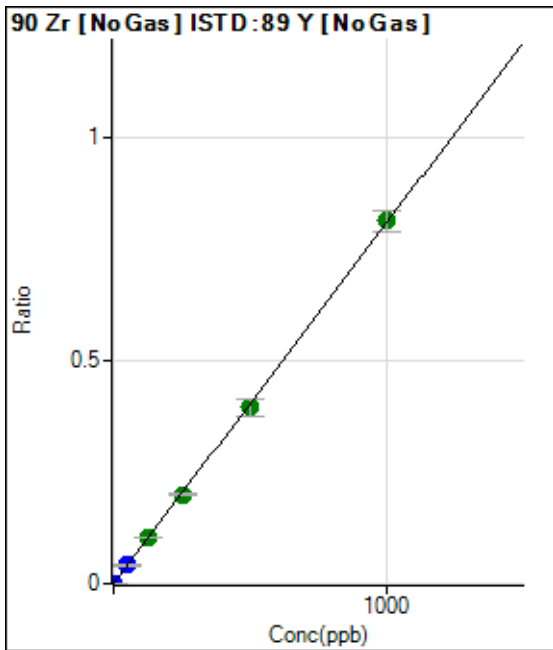
$y = 0.0013 * x + 1.0861E-005$

R = 0.9999

DL = 0.005911

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	858.39	0.0001	P	4.2
2	<input type="checkbox"/>	1.000	0.914	11574.62	0.0008	P	3.6
3	<input type="checkbox"/>	50.000	51.629	610862.56	0.0418	P	4.4
4	<input type="checkbox"/>	125.000	127.961	1524526.18	0.1035	A	1.3
5	<input type="checkbox"/>	250.000	245.569	3025119.03	0.1987	A	2.3
6	<input type="checkbox"/>	500.000	488.916	5812939.71	0.3955	A	9.4
7	<input type="checkbox"/>	1000.000	1006.198	11931996.97	0.8138	A	5.6
8	<input type="checkbox"/>			7592.12	0.0005	P	26.3

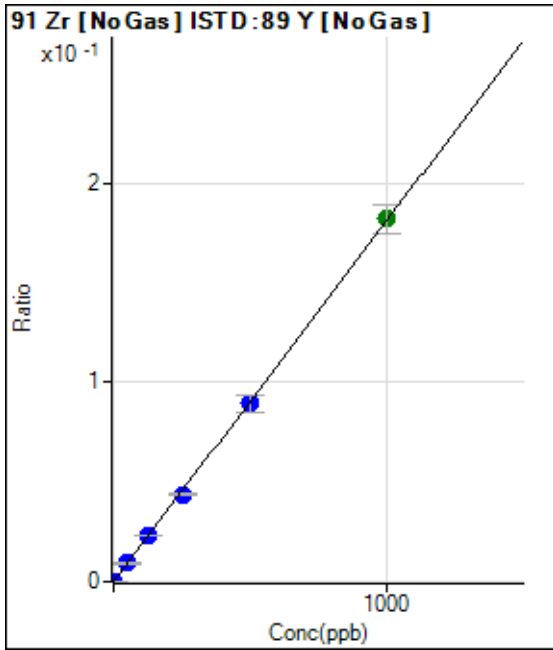
$y = 8.0872E-004 * x + 5.8792E-005$

R = 0.9999

DL = 0.009219

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	163.90	0.0000	P	17.0
2	<input type="checkbox"/>	1.000	0.905	2541.97	0.0002	P	6.4
3	<input type="checkbox"/>	50.000	51.073	135370.30	0.0093	P	3.8
4	<input type="checkbox"/>	125.000	127.551	340320.81	0.0231	P	2.3
5	<input type="checkbox"/>	250.000	241.077	665284.19	0.0437	P	2.5
6	<input type="checkbox"/>	500.000	493.028	1313223.18	0.0893	P	9.0
7	<input type="checkbox"/>	1000.000	1005.344	2667613.08	0.1822	A	8.3
8	<input type="checkbox"/>			1697.39	0.0001	P	23.2

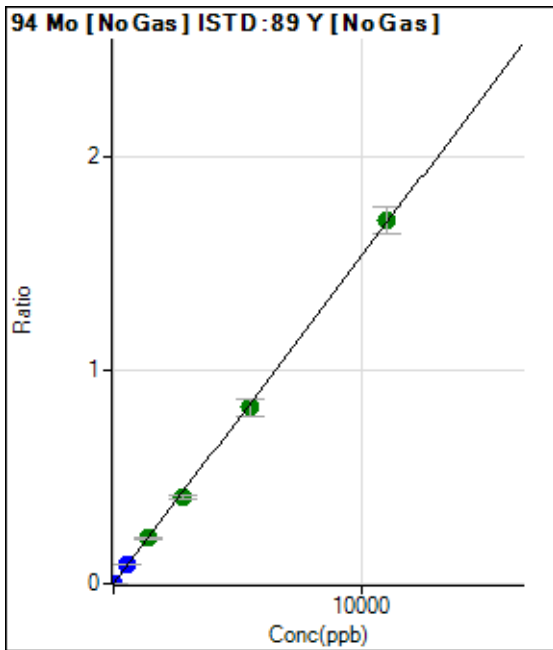
$y = 1.8118E-004 * x + 1.1234E-005$

R = 0.9999

DL = 0.03155

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	288.90	0.0000	P	5.0
2	<input type="checkbox"/>	5.000	5.566	12661.69	0.0009	P	2.3
3	<input type="checkbox"/>	550.000	573.634	1285340.81	0.0880	P	3.4
4	<input type="checkbox"/>	1375.000	1396.859	3152020.27	0.2142	A	2.5
5	<input type="checkbox"/>	2750.000	2659.684	6206387.55	0.4077	A	4.8
6	<input type="checkbox"/>	5500.000	5389.752	12137344.80	0.8262	A	10.1
7	<input type="checkbox"/>	11000.000	11073.788	24870149.86	1.6976	A	7.4
8	<input type="checkbox"/>			9303.22	0.0006	P	30.2

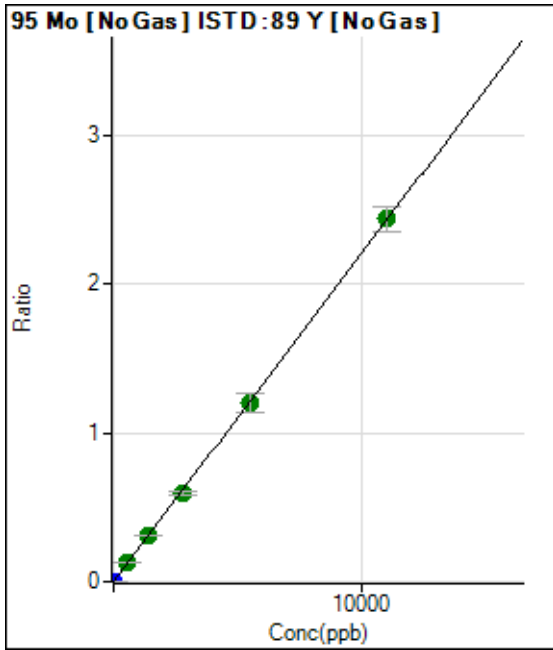
$y = 1.5330E-004 * x + 1.9791E-005$

R = 0.9999

DL = 0.0194

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	25.00	0.0000	P	56.8
2	<input type="checkbox"/>	5.000	4.672	15011.31	0.0010	P	1.1
3	<input type="checkbox"/>	550.000	565.977	1829751.56	0.1252	A	2.5
4	<input type="checkbox"/>	1375.000	1387.127	4516505.87	0.3068	A	1.2
5	<input type="checkbox"/>	2750.000	2699.476	9089828.50	0.5971	A	4.2
6	<input type="checkbox"/>	5500.000	5438.085	17662925.22	1.2028	A	10.8
7	<input type="checkbox"/>	11000.000	11041.274	35782108.44	2.4421	A	7.1
8	<input type="checkbox"/>			11471.90	0.0008	P	35.2

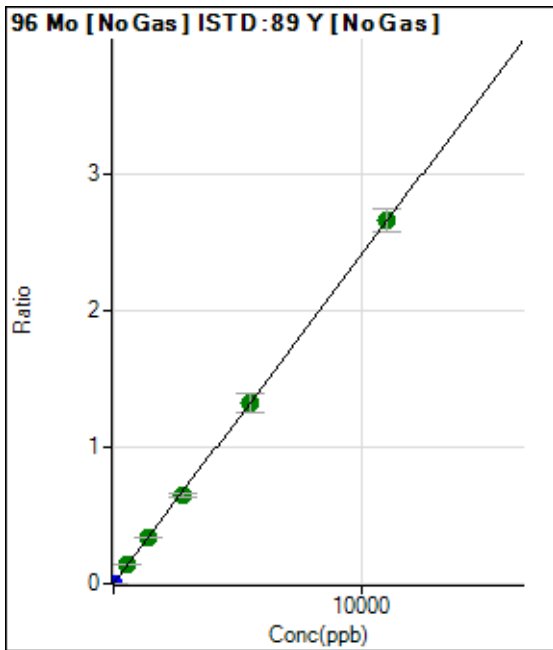
$y = 2.2118E-004 * x + 1.7071E-006$

R = 1.0000

DL = 0.01315

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	172.23	0.0000	P	35.0
2	<input type="checkbox"/>	5.000	4.713	16663.22	0.0011	P	1.6
3	<input type="checkbox"/>	550.000	572.615	2019361.00	0.1382	A	3.2
4	<input type="checkbox"/>	1375.000	1397.177	4962595.21	0.3371	A	1.8
5	<input type="checkbox"/>	2750.000	2680.535	9848082.60	0.6468	A	3.2
6	<input type="checkbox"/>	5500.000	5488.027	19456931.17	1.3242	A	9.7
7	<input type="checkbox"/>	11000.000	11019.450	38972020.31	2.6589	A	6.4
8	<input type="checkbox"/>			19839.25	0.0014	P	20.3

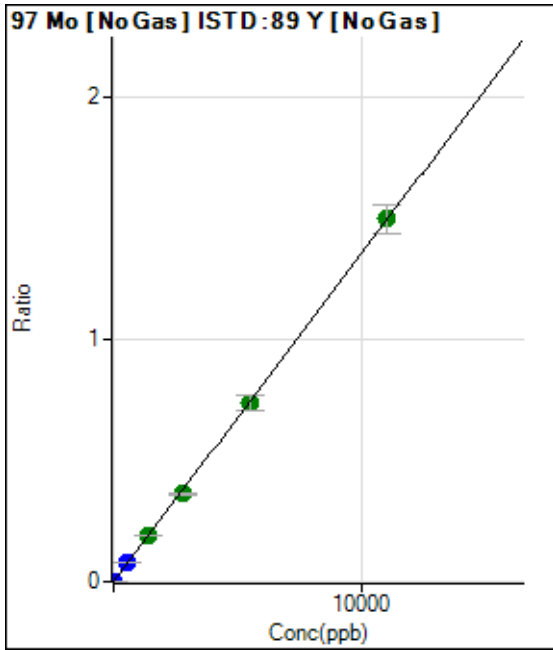
$y = 2.4129E-004 * x + 1.1819E-005$

R = 1.0000

DL = 0.0514

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	19.45	0.0000	P	23.8
2	<input type="checkbox"/>	5.000	4.778	9425.65	0.0007	P	6.8
3	<input type="checkbox"/>	550.000	578.148	1147510.96	0.0785	P	3.4
4	<input type="checkbox"/>	1375.000	1412.506	2823813.67	0.1918	A	1.9
5	<input type="checkbox"/>	2750.000	2668.815	5521203.33	0.3625	A	1.0
6	<input type="checkbox"/>	5500.000	5447.936	10877707.54	0.7399	A	8.7
7	<input type="checkbox"/>	11000.000	11040.233	21960566.12	1.4994	A	8.1
8	<input type="checkbox"/>			8069.38	0.0006	P	42.5

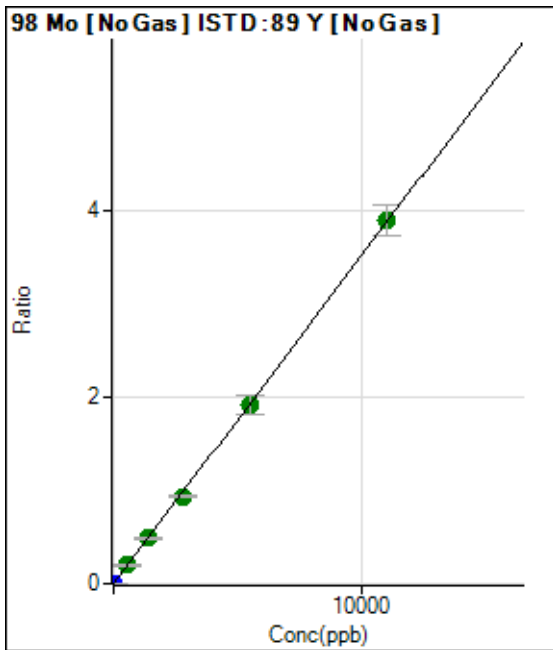
$y = 1.3582E-004 * x + 1.3302E-006$

R = 0.9999

DL = 0.007

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	61.11	0.0000	P	56.5
2	<input type="checkbox"/>	5.000	4.704	24096.53	0.0017	P	2.0
3	<input type="checkbox"/>	550.000	568.218	2923077.06	0.2002	A	7.9
4	<input type="checkbox"/>	1375.000	1380.957	7162121.25	0.4866	A	2.6
5	<input type="checkbox"/>	2750.000	2660.692	14279202.75	0.9375	A	2.3
6	<input type="checkbox"/>	5500.000	5438.626	28159758.96	1.9164	A	10.1
7	<input type="checkbox"/>	11000.000	11051.359	57029017.94	3.8942	A	8.4
8	<input type="checkbox"/>			19570.09	0.0013	P	54.5

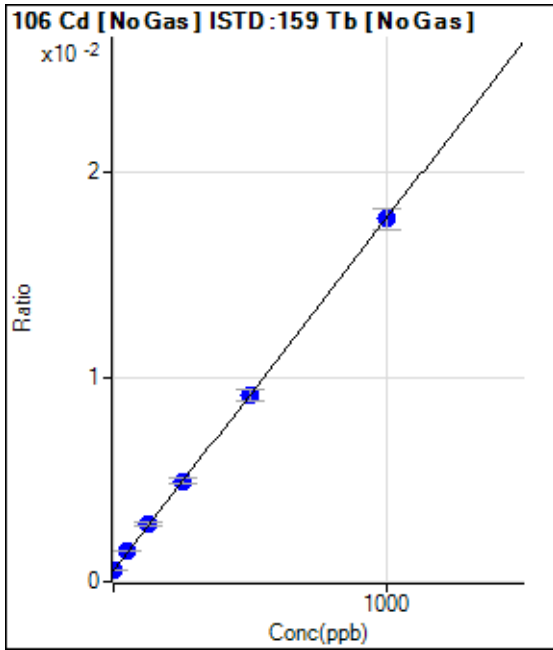
$y = 3.5237E-004 * x + 4.1857E-006$

R = 0.9999

DL = 0.02015

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	4400.83	0.0005	P	4.4
2	<input type="checkbox"/>	1.000	0.817	4417.51	0.0005	P	2.3
3	<input type="checkbox"/>	50.000	56.679	12408.66	0.0015	P	5.0
4	<input type="checkbox"/>	125.000	132.051	23882.52	0.0028	P	4.7
5	<input type="checkbox"/>	250.000	254.879	43112.92	0.0049	P	4.4
6	<input type="checkbox"/>	500.000	498.526	80793.87	0.0091	P	5.8
7	<input type="checkbox"/>	1000.000	998.302	155743.58	0.0177	P	5.5
8	<input type="checkbox"/>			4231.31	0.0005	P	2.8

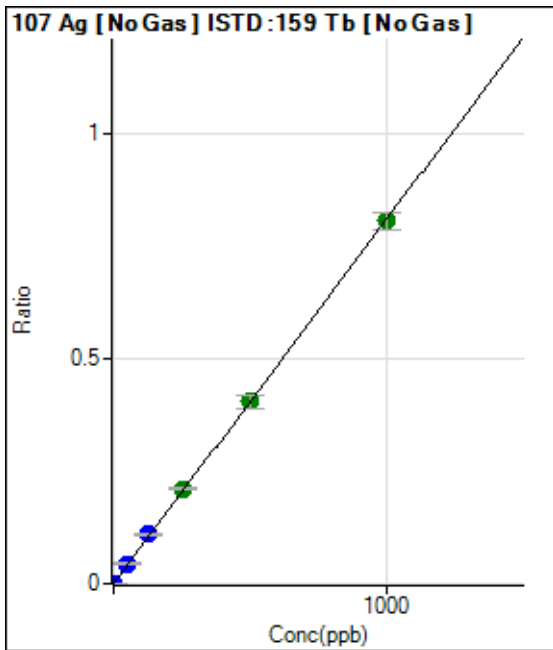
$y = 1.7224E-005 * x + 5.3041E-004$

R = 1.0000

DL = 4.048

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	125.00	0.0000	P	28.0
2	<input type="checkbox"/>	1.000	0.927	6198.79	0.0008	P	4.1
3	<input type="checkbox"/>	50.000	55.050	366948.02	0.0445	P	4.0
4	<input type="checkbox"/>	125.000	136.673	941671.97	0.1106	P	3.7
5	<input type="checkbox"/>	250.000	260.867	1849848.78	0.2110	A	2.1
6	<input type="checkbox"/>	500.000	499.319	3577715.18	0.4039	A	7.3
7	<input type="checkbox"/>	1000.000	995.912	7080798.16	0.8057	A	4.8
8	<input type="checkbox"/>			2114.11	0.0002	P	12.9

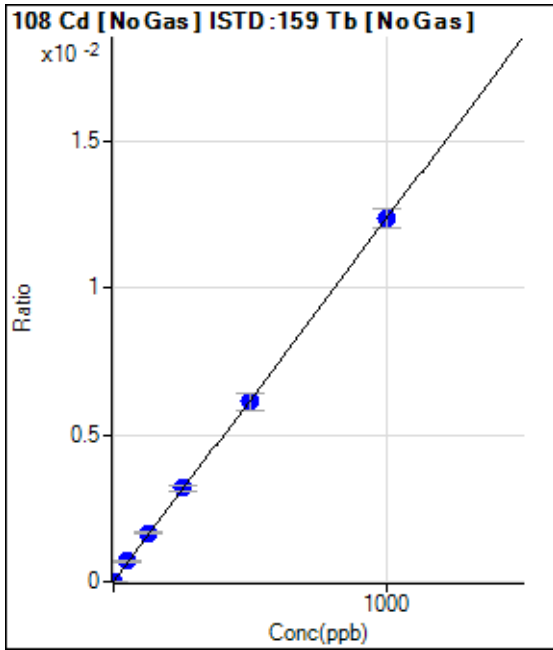
$y = 8.0895E-004 * x + 1.5102E-005$

R = 0.9999

DL = 0.01571

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	34.72	0.0000	P	49.9
2	<input type="checkbox"/>	1.000	1.109	145.84	0.0000	P	22.7
3	<input type="checkbox"/>	50.000	55.663	5697.08	0.0007	P	4.5
4	<input type="checkbox"/>	125.000	134.007	14137.93	0.0017	P	1.1
5	<input type="checkbox"/>	250.000	258.270	27981.38	0.0032	P	5.5
6	<input type="checkbox"/>	500.000	495.035	54149.41	0.0061	P	9.4
7	<input type="checkbox"/>	1000.000	999.006	108448.33	0.0123	P	5.5
8	<input type="checkbox"/>			97.23	0.0000	P	14.8

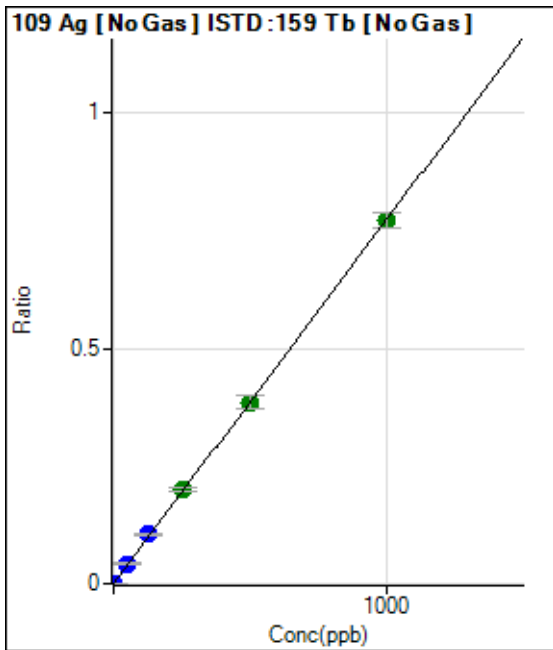
$y = 1.2351E-005 * x + 4.2111E-006$

R = 0.9999

DL = 0.5109

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	69.45	0.0000	P	34.9
2	<input type="checkbox"/>	1.000	0.948	6004.25	0.0007	P	6.0
3	<input type="checkbox"/>	50.000	55.361	352275.65	0.0428	P	6.0
4	<input type="checkbox"/>	125.000	135.668	893125.00	0.1048	P	2.1
5	<input type="checkbox"/>	250.000	258.114	1747520.66	0.1995	A	5.2
6	<input type="checkbox"/>	500.000	499.043	3416119.22	0.3857	A	7.0
7	<input type="checkbox"/>	1000.000	996.849	6772252.58	0.7704	A	4.3
8	<input type="checkbox"/>			2116.89	0.0002	P	8.8

$y = 7.7278E-004 * x + 8.3784E-006$

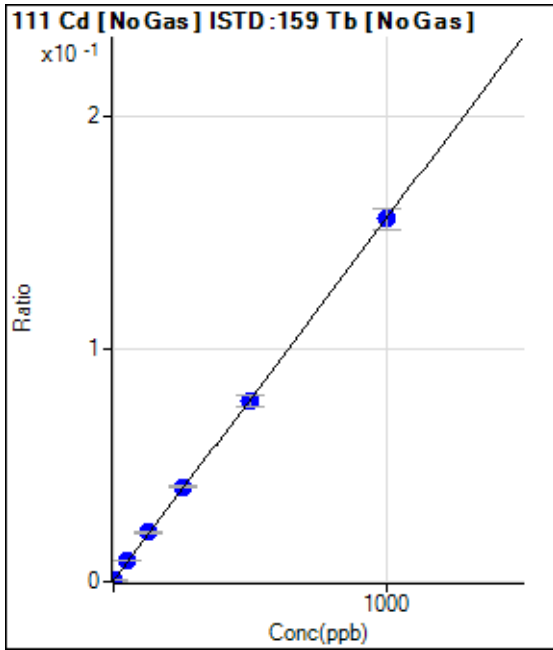
R = 0.9999

DL = 0.01135

Weight: <None>

Min Conc: 0





	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	3084.05	0.0004	P	4.6
2	<input type="checkbox"/>	1.000	0.938	4199.96	0.0005	P	1.7
3	<input type="checkbox"/>	50.000	55.859	74780.56	0.0091	P	5.7
4	<input type="checkbox"/>	125.000	133.610	180608.80	0.0212	P	3.2
5	<input type="checkbox"/>	250.000	259.500	357951.17	0.0408	P	2.3
6	<input type="checkbox"/>	500.000	495.992	688387.12	0.0777	P	7.1
7	<input type="checkbox"/>	1000.000	998.260	1370891.80	0.1560	P	5.8
8	<input type="checkbox"/>			3336.94	0.0004	P	3.6

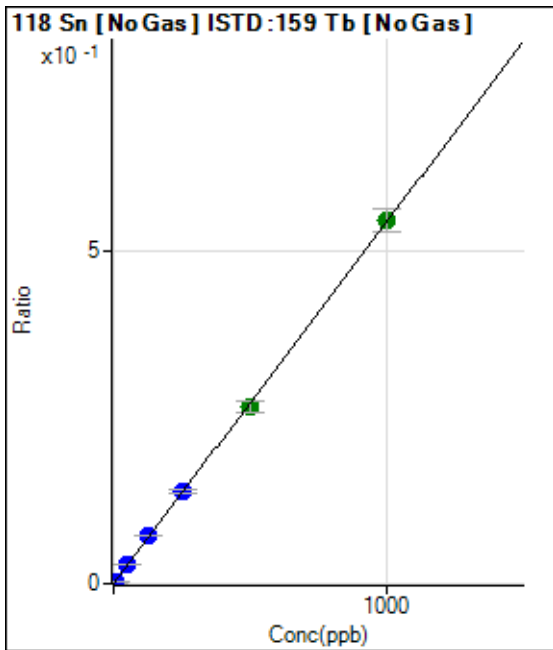
$y = 1.5594E-004 * x + 3.7169E-004$

R = 0.9999

DL = 0.3317

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	805.61	0.0001	P	10.3
2	<input type="checkbox"/>	5.000	5.063	23053.35	0.0028	P	5.6
3	<input type="checkbox"/>	50.000	54.071	242440.66	0.0294	P	5.3
4	<input type="checkbox"/>	125.000	132.202	612020.45	0.0718	P	1.8
5	<input type="checkbox"/>	250.000	254.211	1210003.85	0.1381	P	3.3
6	<input type="checkbox"/>	500.000	488.542	2350151.22	0.2652	A	6.1
7	<input type="checkbox"/>	1000.000	1003.572	4785002.02	0.5447	A	6.3
8	<input type="checkbox"/>			2533.69	0.0003	P	29.2

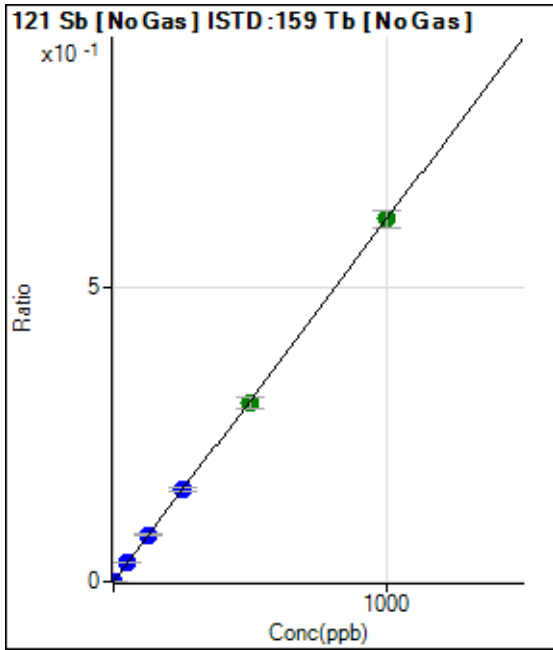
$y = 5.4271E-004 * x + 9.7084E-005$

R = 0.9999

DL = 0.05507

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	47.22	0.0000	P	38.5
2	<input type="checkbox"/>	2.000	1.945	9745.39	0.0012	P	2.7
3	<input type="checkbox"/>	50.000	53.852	272869.33	0.0331	P	4.0
4	<input type="checkbox"/>	125.000	129.638	679161.54	0.0797	P	2.0
5	<input type="checkbox"/>	250.000	253.904	1368392.86	0.1561	P	3.5
6	<input type="checkbox"/>	500.000	494.875	2696623.87	0.3043	A	6.4
7	<input type="checkbox"/>	1000.000	1000.814	5408782.85	0.6155	A	5.0
8	<input type="checkbox"/>			5281.83	0.0006	P	14.4

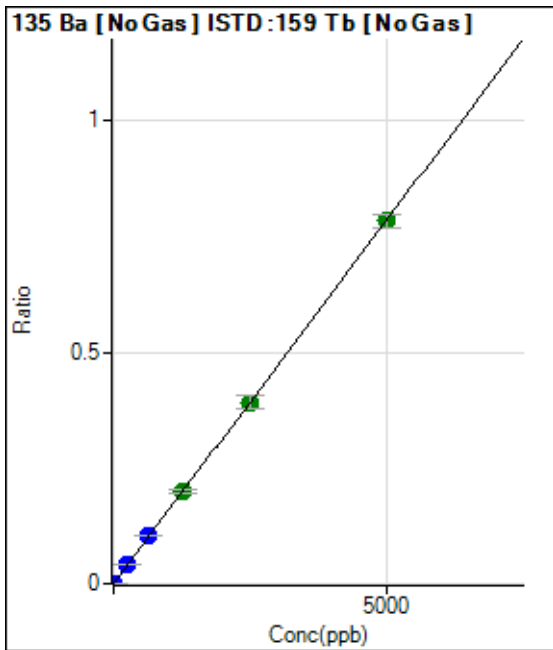
$y = 6.1497E-004 * x + 5.7149E-006$

R = 1.0000

DL = 0.01074

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	22.22	0.0000	P	76.7
2	<input type="checkbox"/>	10.000	9.275	11819.40	0.0015	P	1.8
3	<input type="checkbox"/>	250.000	268.124	346203.99	0.0421	P	5.9
4	<input type="checkbox"/>	625.000	656.729	877306.39	0.1030	P	2.3
5	<input type="checkbox"/>	1250.000	1261.858	1734139.17	0.1979	A	4.2
6	<input type="checkbox"/>	2500.000	2498.628	3471390.22	0.3919	A	7.7
7	<input type="checkbox"/>	5000.000	4992.851	6885188.87	0.7830	A	3.7
8	<input type="checkbox"/>			3128.34	0.0004	P	28.7

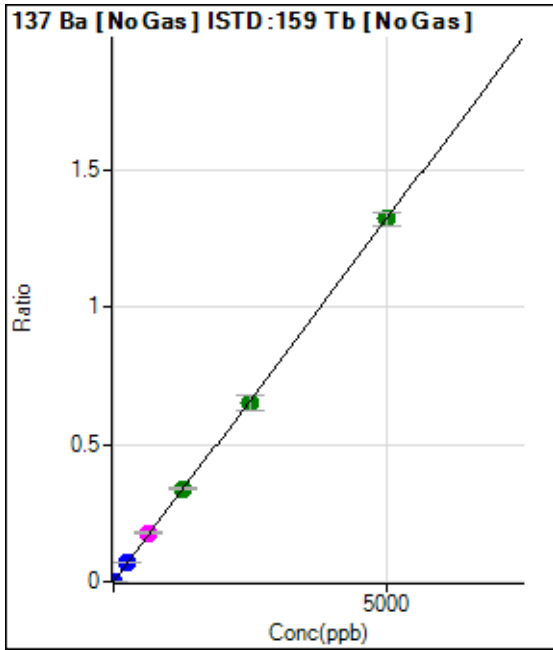
$y = 1.5683E-004 * x + 2.6554E-006$

R = 1.0000

DL = 0.03895

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	36.11	0.0000	P	48.8
2	<input type="checkbox"/>	10.000	9.745	20908.32	0.0026	P	3.0
3	<input type="checkbox"/>	250.000	270.235	588008.72	0.0714	P	5.3
4	<input type="checkbox"/>	625.000	671.941	1512257.23	0.1776	M	2.8
5	<input type="checkbox"/>	1250.000	1280.082	2964453.91	0.3382	A	2.7
6	<input type="checkbox"/>	2500.000	2470.284	5779011.59	0.6527	A	8.4
7	<input type="checkbox"/>	5000.000	5000.459	11617261.98	1.3213	A	3.8
8	<input type="checkbox"/>			5955.14	0.0007	P	29.0

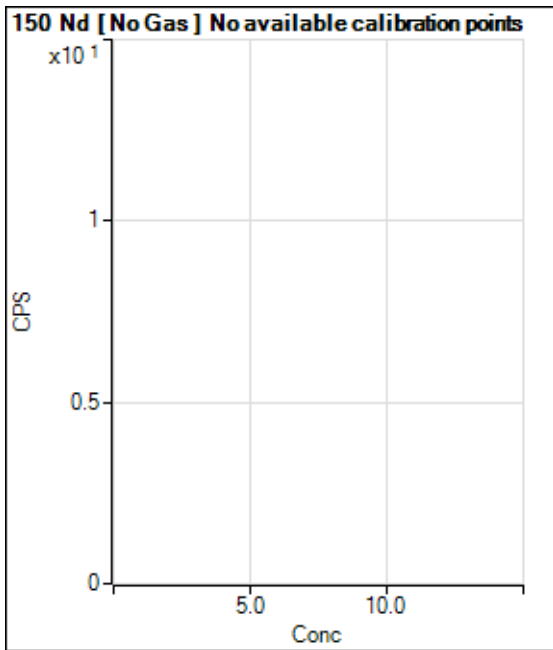
$y = 2.6424E-004 * x + 4.3638E-006$

R = 0.9999

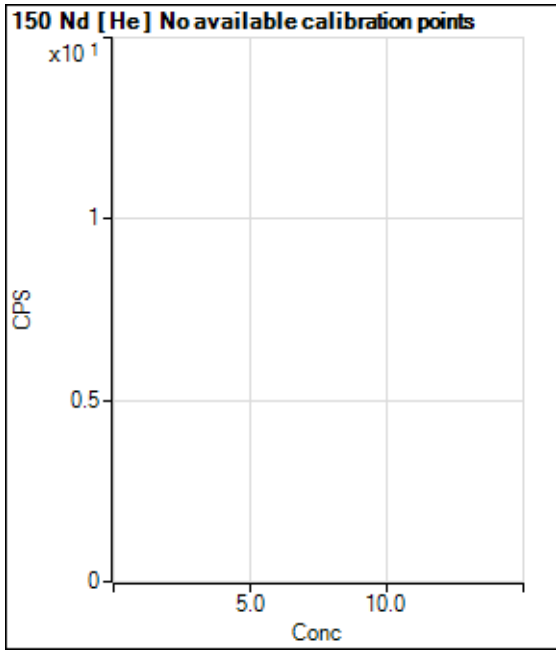
DL = 0.0242

Weight: <None>

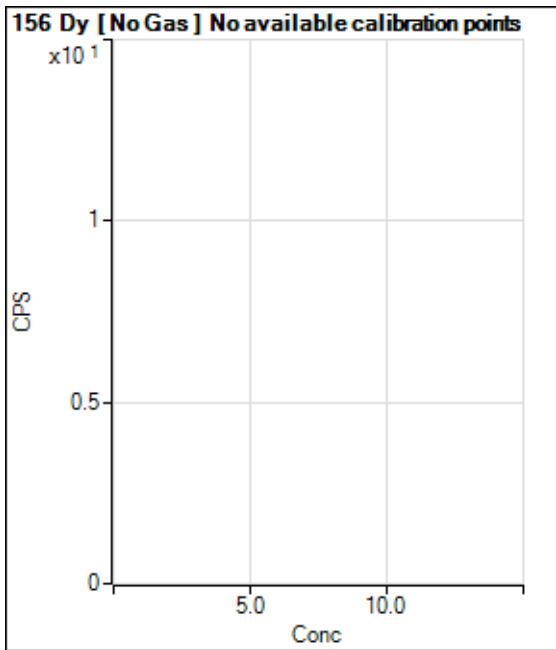
Min Conc: 0



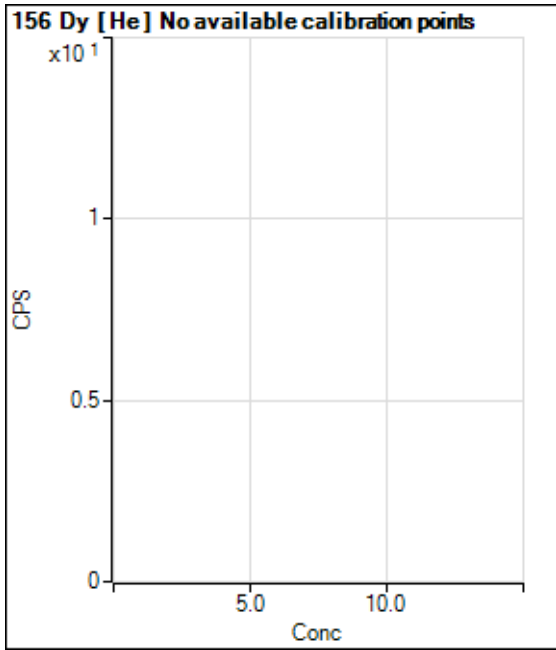
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>			13.34		P	86.6
2	<input type="checkbox"/>			6.67		P	173.
3	<input type="checkbox"/>			11.11		P	91.7
4	<input type="checkbox"/>			57.78		P	17.6
5	<input type="checkbox"/>			102.22		P	3.8
6	<input type="checkbox"/>			151.12		P	24.3
7	<input type="checkbox"/>			335.57		P	9.0
8	<input type="checkbox"/>			53.34		P	21.6



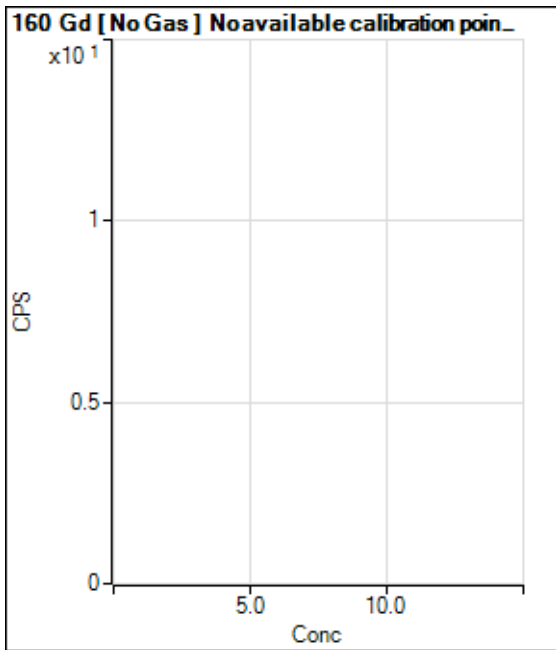
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			1.11		P	173.
2	<input type="checkbox"/>			0.00		P	
3	<input type="checkbox"/>			0.00		P	
4	<input type="checkbox"/>			5.56		P	34.7
5	<input type="checkbox"/>			15.55		P	24.8
6	<input type="checkbox"/>			12.22		P	41.7
7	<input type="checkbox"/>			30.00		P	44.4
8	<input type="checkbox"/>			14.44		P	13.4



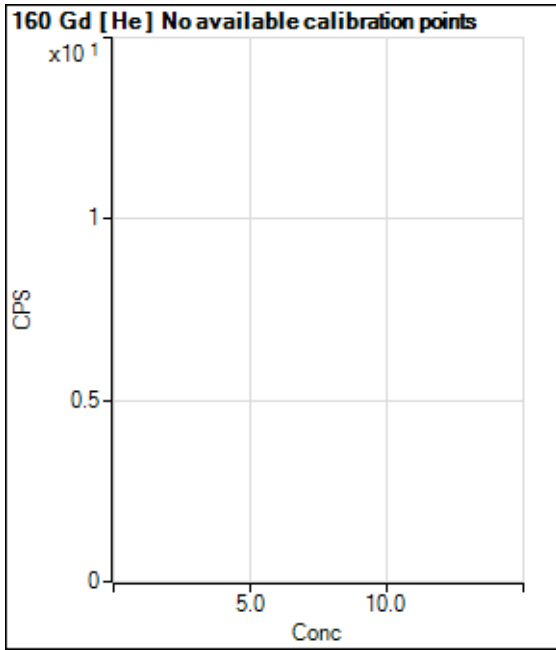
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			2.78		P	173.
2	<input type="checkbox"/>			11.11		P	43.3
3	<input type="checkbox"/>			19.44		P	137.
4	<input type="checkbox"/>			33.33		P	50.0
5	<input type="checkbox"/>			91.67		P	15.7
6	<input type="checkbox"/>			144.45		P	18.5
7	<input type="checkbox"/>			269.46		P	13.9
8	<input type="checkbox"/>			930.61		P	13.4



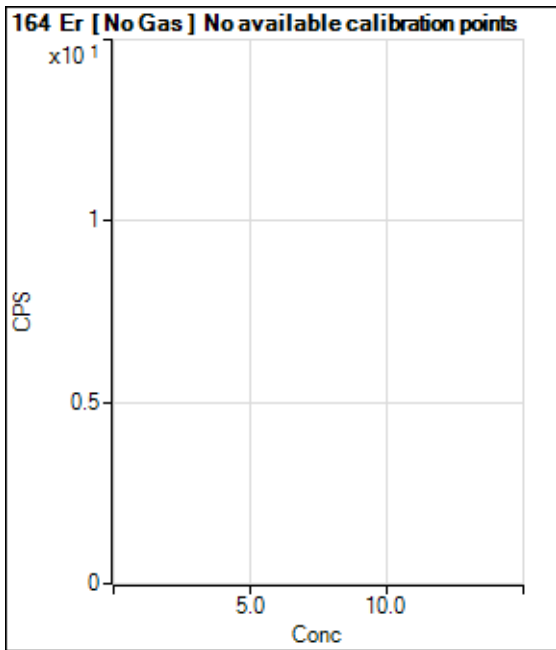
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			5.56		P	34.7
2	<input type="checkbox"/>			2.22		P	173.
3	<input type="checkbox"/>			6.67		P	0.0
4	<input type="checkbox"/>			21.11		P	18.2
5	<input type="checkbox"/>			33.33		P	26.4
6	<input type="checkbox"/>			68.89		P	7.4
7	<input type="checkbox"/>			113.33		P	20.4
8	<input type="checkbox"/>			471.13		P	16.7



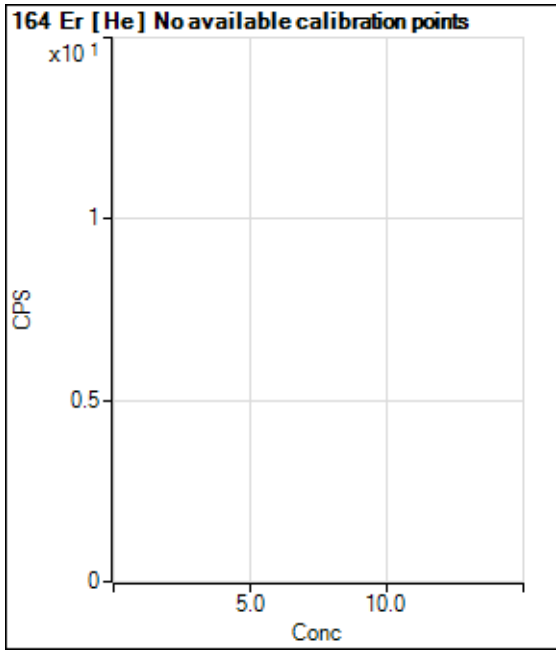
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			63.89		P	41.9
2	<input type="checkbox"/>			44.44		P	60.3
3	<input type="checkbox"/>			66.67		P	12.5
4	<input type="checkbox"/>			94.45		P	5.1
5	<input type="checkbox"/>			100.00		P	0.0
6	<input type="checkbox"/>			147.23		P	17.3
7	<input type="checkbox"/>			227.78		P	11.8
8	<input type="checkbox"/>			863.94		P	17.8



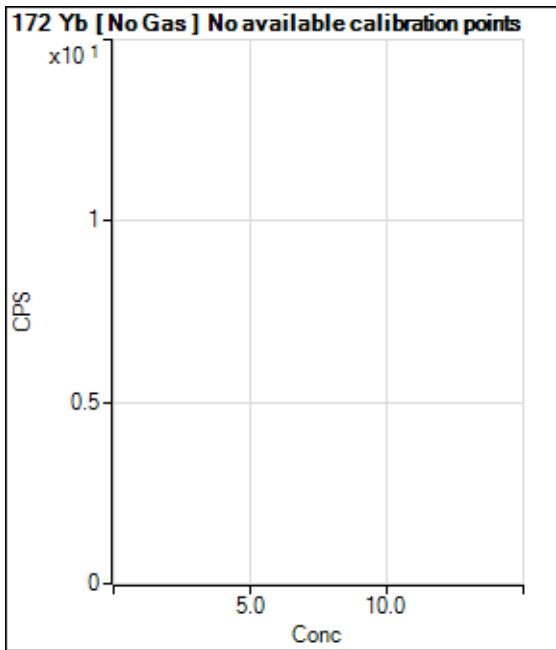
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			70.00		P	20.8
2	<input type="checkbox"/>			85.55		P	8.1
3	<input type="checkbox"/>			83.33		P	13.9
4	<input type="checkbox"/>			93.34		P	6.2
5	<input type="checkbox"/>			100.00		P	41.0
6	<input type="checkbox"/>			117.78		P	5.9
7	<input type="checkbox"/>			192.22		P	19.3
8	<input type="checkbox"/>			565.57		P	6.5



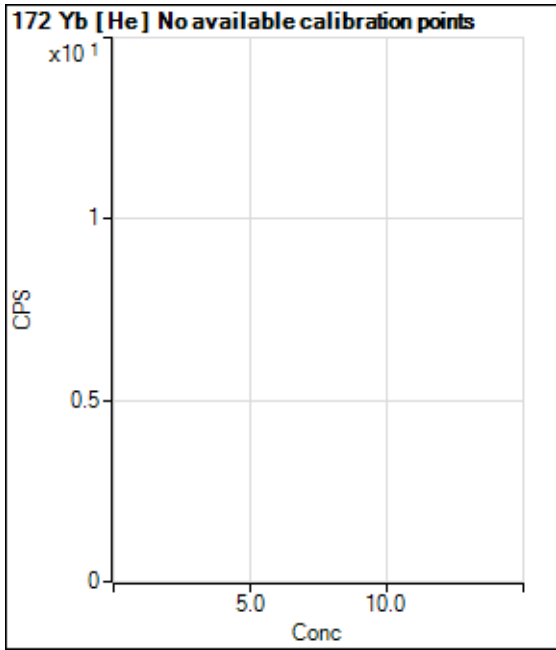
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			55.56		P	31.2
2	<input type="checkbox"/>			44.44		P	71.0
3	<input type="checkbox"/>			33.33		P	50.0
4	<input type="checkbox"/>			66.67		P	0.0
5	<input type="checkbox"/>			38.89		P	49.5
6	<input type="checkbox"/>			72.22		P	6.7
7	<input type="checkbox"/>			122.23		P	10.4
8	<input type="checkbox"/>			161.12		P	18.2



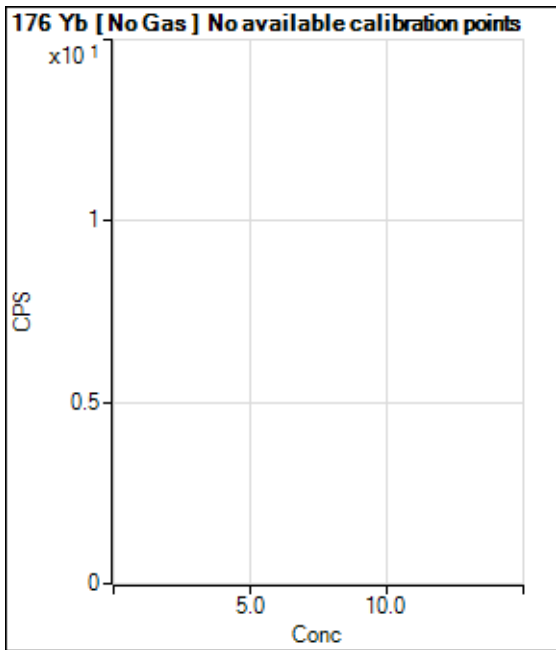
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			26.67		P	12.5
2	<input type="checkbox"/>			28.89		P	24.0
3	<input type="checkbox"/>			21.11		P	18.2
4	<input type="checkbox"/>			18.89		P	36.7
5	<input type="checkbox"/>			34.44		P	55.9
6	<input type="checkbox"/>			26.67		P	12.5
7	<input type="checkbox"/>			31.11		P	27.0
8	<input type="checkbox"/>			60.00		P	43.4



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			36.11		P	48.0
2	<input type="checkbox"/>			16.67		P	50.0
3	<input type="checkbox"/>			22.22		P	21.6
4	<input type="checkbox"/>			16.67		P	50.0
5	<input type="checkbox"/>			50.00		P	28.9
6	<input type="checkbox"/>			25.00		P	33.3
7	<input type="checkbox"/>			41.67		P	0.0
8	<input type="checkbox"/>			94.45		P	48.6

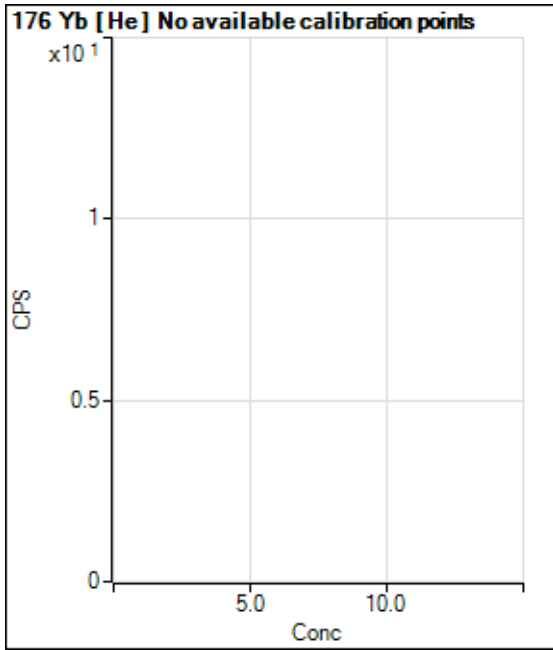


	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			16.67		P	33.3
2	<input type="checkbox"/>			9.26		P	34.6
3	<input type="checkbox"/>			18.52		P	17.3
4	<input type="checkbox"/>			5.56		P	100.
5	<input type="checkbox"/>			14.82		P	57.3
6	<input type="checkbox"/>			5.56		P	100.
7	<input type="checkbox"/>			12.96		P	89.2
8	<input type="checkbox"/>			27.78		P	40.0

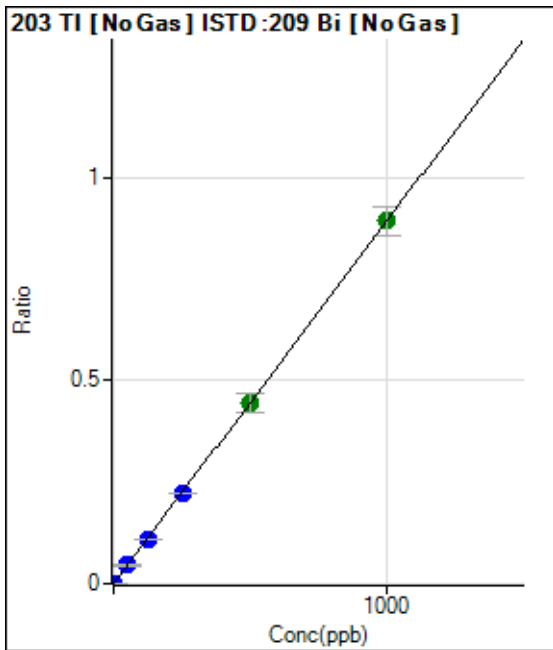


	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			1113.97		P	8.5
2	<input type="checkbox"/>			1058.41		P	15.4
3	<input type="checkbox"/>			1916.87		P	3.8
4	<input type="checkbox"/>			3358.87		P	0.7
5	<input type="checkbox"/>			5026.09		P	7.3
6	<input type="checkbox"/>			9164.55		P	3.6
7	<input type="checkbox"/>			17706.81		P	0.4
8	<input type="checkbox"/>			1183.42		P	6.5





	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>			5901.44		P	6.1
2	<input type="checkbox"/>			5799.52		P	3.1
3	<input type="checkbox"/>			6290.50		P	2.1
4	<input type="checkbox"/>			6774.08		P	2.5
5	<input type="checkbox"/>			8241.62		P	0.9
6	<input type="checkbox"/>			10307.91		P	2.8
7	<input type="checkbox"/>			15359.18		P	3.1
8	<input type="checkbox"/>			5918.09		P	2.3



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	255.57	0.0001	P	23.5
2	<input type="checkbox"/>	1.000	0.888	3375.54	0.0009	P	4.1
3	<input type="checkbox"/>	50.000	51.551	182965.31	0.0460	P	6.9
4	<input type="checkbox"/>	125.000	123.259	462789.13	0.1098	P	0.6
5	<input type="checkbox"/>	250.000	248.346	950823.53	0.2212	P	0.8
6	<input type="checkbox"/>	500.000	497.799	1909097.42	0.4434	A	10.2
7	<input type="checkbox"/>	1000.000	1001.654	3928174.26	0.8920	A	8.0
8	<input type="checkbox"/>			1705.82	0.0004	P	38.4

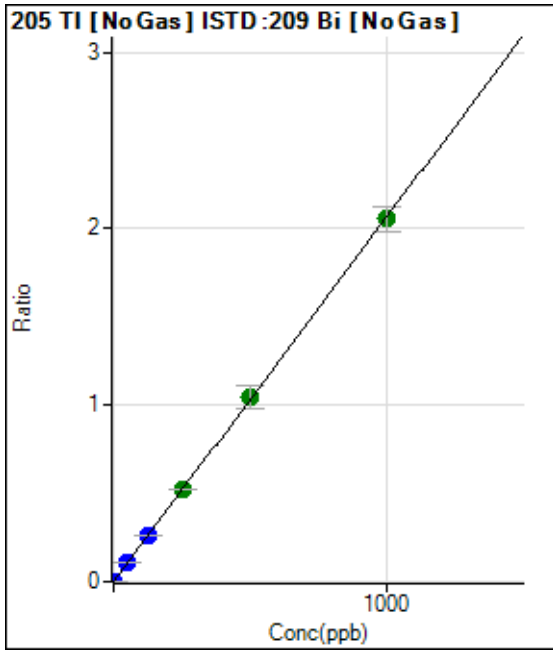
$y = 8.9051E-004 * x + 6.2693E-005$

R = 1.0000

DL = 0.04965

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	561.14	0.0001	P	5.3
2	<input type="checkbox"/>	1.000	0.873	7666.40	0.0019	P	4.4
3	<input type="checkbox"/>	50.000	52.586	432849.57	0.1087	P	5.8
4	<input type="checkbox"/>	125.000	127.044	1105812.63	0.2624	P	1.1
5	<input type="checkbox"/>	250.000	253.607	2251190.00	0.5238	A	0.7
6	<input type="checkbox"/>	500.000	506.206	4496774.67	1.0453	A	11.8
7	<input type="checkbox"/>	1000.000	995.611	9058639.35	2.0558	A	6.6
8	<input type="checkbox"/>			3801.39	0.0009	P	54.0

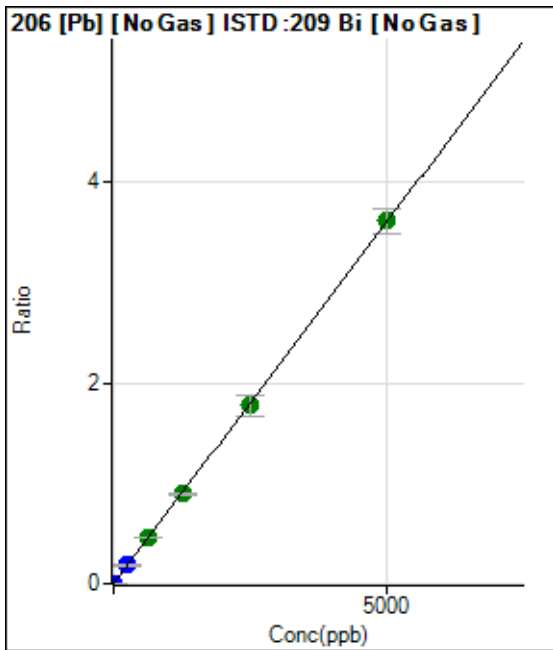
$y = 0.0021 * x + 1.3724E-004$

R = 1.0000

DL = 0.01064

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	355.57	0.0001	P	6.9
2	<input type="checkbox"/>	1.000	0.913	2944.83	0.0007	P	3.3
3	<input type="checkbox"/>	250.000	255.136	731754.16	0.1839	P	7.7
4	<input type="checkbox"/>	625.000	642.626	1951257.54	0.4631	A	0.3
5	<input type="checkbox"/>	1250.000	1239.685	3839166.87	0.8933	A	1.2
6	<input type="checkbox"/>	2500.000	2463.377	7638895.48	1.7749	A	11.7
7	<input type="checkbox"/>	5000.000	5018.430	15931489.48	3.6157	A	6.7
8	<input type="checkbox"/>			9799.17	0.0024	P	21.4

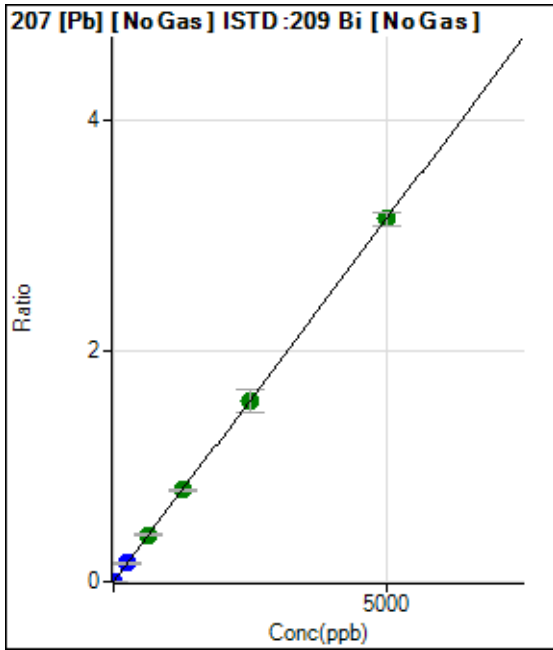
$y = 7.2048E-004 * x + 8.7029E-005$

R = 0.9999

DL = 0.02518

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	279.64	0.0001	P	9.5
2	<input type="checkbox"/>	1.000	0.923	2566.97	0.0006	P	6.6
3	<input type="checkbox"/>	250.000	253.466	635471.90	0.1596	P	6.1
4	<input type="checkbox"/>	625.000	644.388	1709054.19	0.4057	A	3.5
5	<input type="checkbox"/>	1250.000	1261.930	3414295.39	0.7944	A	3.5
6	<input type="checkbox"/>	2500.000	2490.882	6744477.06	1.5680	A	12.1
7	<input type="checkbox"/>	5000.000	4998.979	13883796.61	3.1468	A	3.9
8	<input type="checkbox"/>			8662.83	0.0022	P	24.6

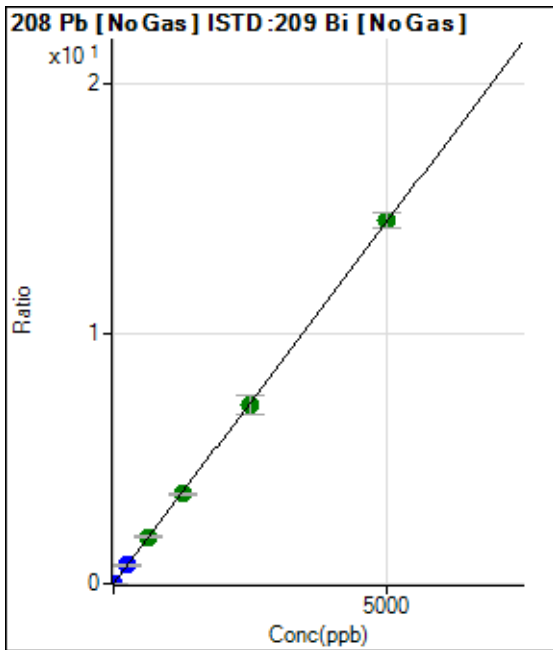
$y = 6.2948E-004 * x + 6.8419E-005$

R = 1.0000

DL = 0.031

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	<input type="checkbox"/>	0.000	0.000	1448.21	0.0004	P	5.8
2	<input type="checkbox"/>	1.000	0.897	11676.33	0.0030	P	2.7
3	<input type="checkbox"/>	250.000	252.695	2915997.69	0.7323	P	5.6
4	<input type="checkbox"/>	625.000	646.690	7894171.89	1.8736	A	2.0
5	<input type="checkbox"/>	1250.000	1240.836	15449546.35	3.5946	A	2.0
6	<input type="checkbox"/>	2500.000	2463.827	30726334.14	7.1372	A	10.6
7	<input type="checkbox"/>	5000.000	5017.531	64114453.06	14.5343	A	4.2
8	<input type="checkbox"/>			39709.01	0.0099	P	27.3

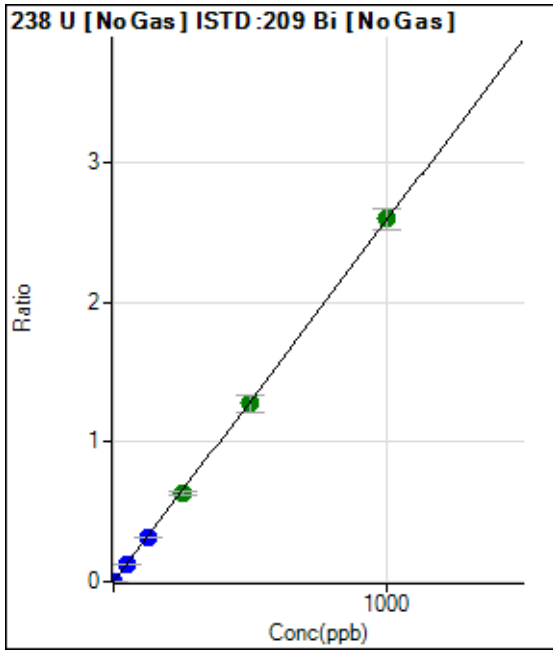
$y = 0.0029 * x + 3.5406E-004$

R = 0.9999

DL = 0.02136

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	0.000	0.000	19.44	0.0000	P	89.2
2	<input type="checkbox"/>	1.000	0.861	8811.66	0.0022	P	3.9
3	<input type="checkbox"/>	50.000	48.506	498880.09	0.1253	P	6.7
4	<input type="checkbox"/>	125.000	120.897	1316140.72	0.3124	P	0.3
5	<input type="checkbox"/>	250.000	245.382	2725689.56	0.6340	A	5.3
6	<input type="checkbox"/>	500.000	494.389	5501753.03	1.2773	A	9.8
7	<input type="checkbox"/>	1000.000	1004.548	11439873.61	2.5954	A	6.1
8	<input type="checkbox"/>			3137.48	0.0008	P	64.5

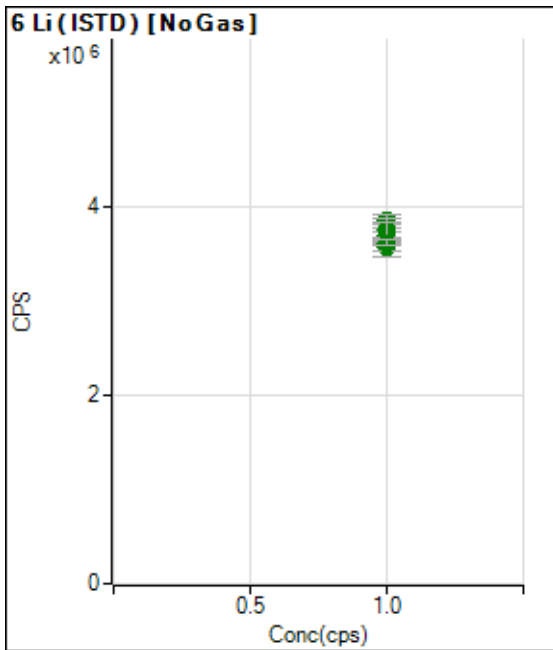
$y = 0.0026 * x + 4.8246E-006$

R = 1.0000

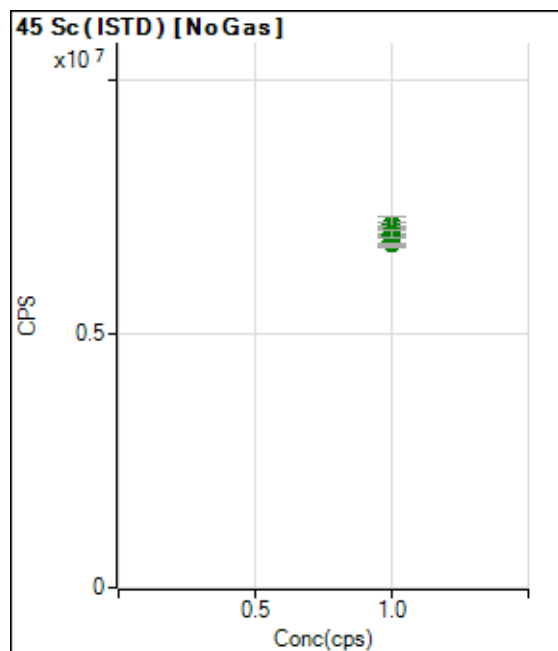
DL = 0.004999

Weight: <None>

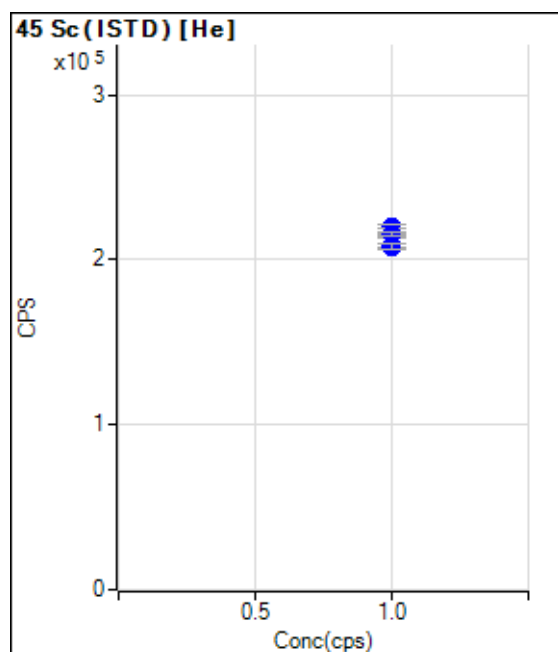
Min Conc: 0



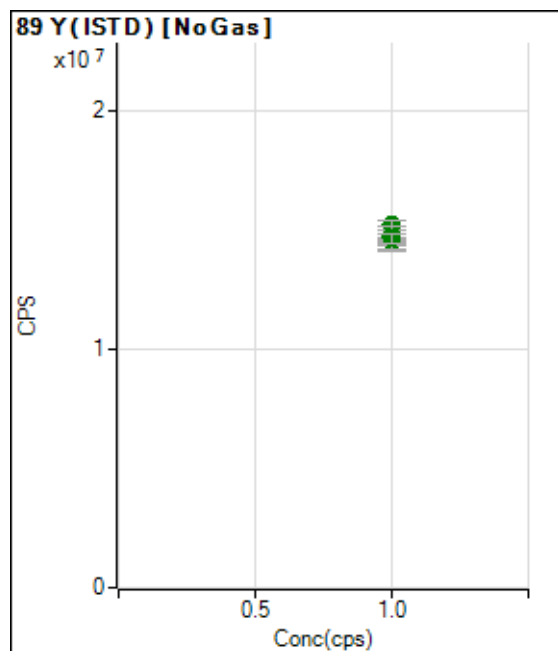
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		3692813.51		A	2.6
2	<input type="checkbox"/>	1.000		3755522.02		A	1.1
3	<input type="checkbox"/>	1.000		3581492.01		A	5.6
4	<input type="checkbox"/>	1.000		3582535.34		A	2.3
5	<input type="checkbox"/>	1.000		3854389.43		A	1.4
6	<input type="checkbox"/>	1.000		3761277.84		A	8.1
7	<input type="checkbox"/>	1.000		3753696.13		A	4.9
8	<input type="checkbox"/>	1.000		3624345.71		A	1.7



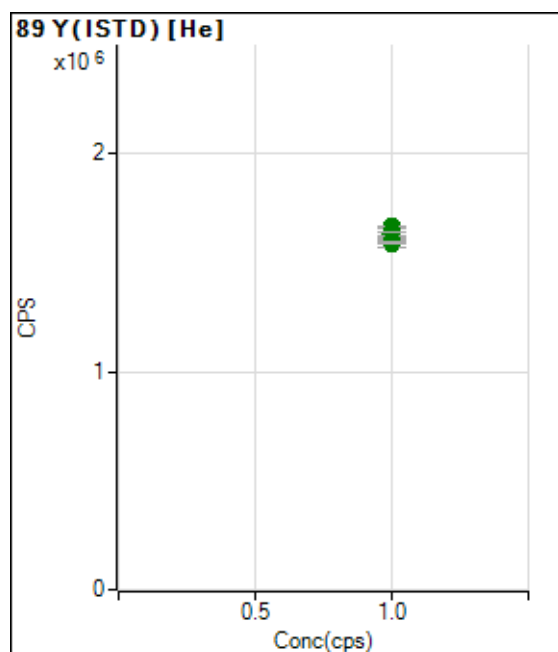
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		6940482.67		A	1.1
2	<input type="checkbox"/>	1.000		6792243.30		A	3.1
3	<input type="checkbox"/>	1.000		6828939.41		A	3.3
4	<input type="checkbox"/>	1.000		7064516.70		A	0.5
5	<input type="checkbox"/>	1.000		7144739.20		A	1.3
6	<input type="checkbox"/>	1.000		7038028.65		A	8.1
7	<input type="checkbox"/>	1.000		6948884.69		A	5.3
8	<input type="checkbox"/>	1.000		6968177.81		A	2.5



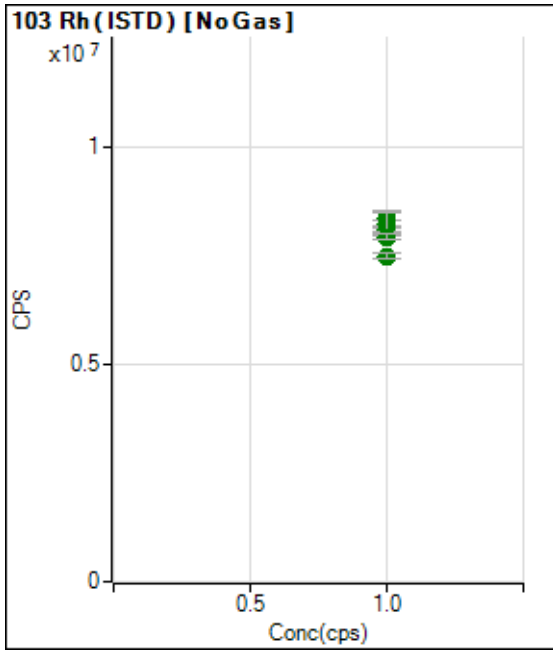
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		216419.75		P	0.5
2	<input type="checkbox"/>	1.000		219482.45		P	0.1
3	<input type="checkbox"/>	1.000		219910.30		P	0.9
4	<input type="checkbox"/>	1.000		215145.36		P	1.3
5	<input type="checkbox"/>	1.000		215400.10		P	1.0
6	<input type="checkbox"/>	1.000		208682.38		P	0.6
7	<input type="checkbox"/>	1.000		209099.25		P	1.0
8	<input type="checkbox"/>	1.000		207773.30		P	1.4



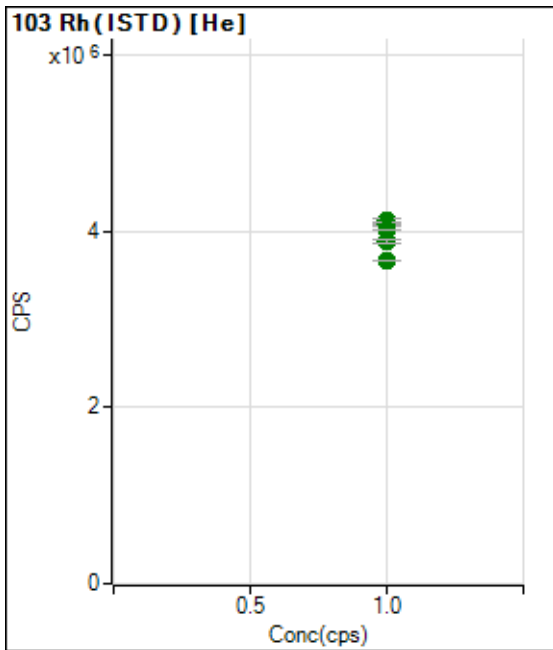
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		14601107.14		A	1.1
2	<input type="checkbox"/>	1.000		14502551.31		A	1.0
3	<input type="checkbox"/>	1.000		14624138.39		A	3.4
4	<input type="checkbox"/>	1.000		14722524.37		A	1.6
5	<input type="checkbox"/>	1.000		15233845.74		A	2.5
6	<input type="checkbox"/>	1.000		14773658.11		A	8.4
7	<input type="checkbox"/>	1.000		14699328.53		A	6.8
8	<input type="checkbox"/>	1.000		14668698.81		A	2.4



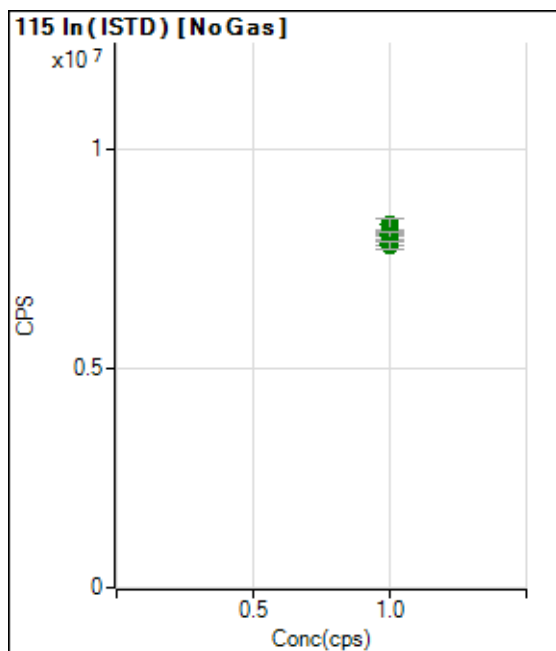
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		1626565.67		A	2.1
2	<input type="checkbox"/>	1.000		1663213.07		A	0.8
3	<input type="checkbox"/>	1.000		1638306.41		A	0.4
4	<input type="checkbox"/>	1.000		1623662.65		A	2.3
5	<input type="checkbox"/>	1.000		1629480.60		A	0.8
6	<input type="checkbox"/>	1.000		1628258.71		A	0.9
7	<input type="checkbox"/>	1.000		1587806.73		A	2.4
8	<input type="checkbox"/>	1.000		1592806.97		A	0.4



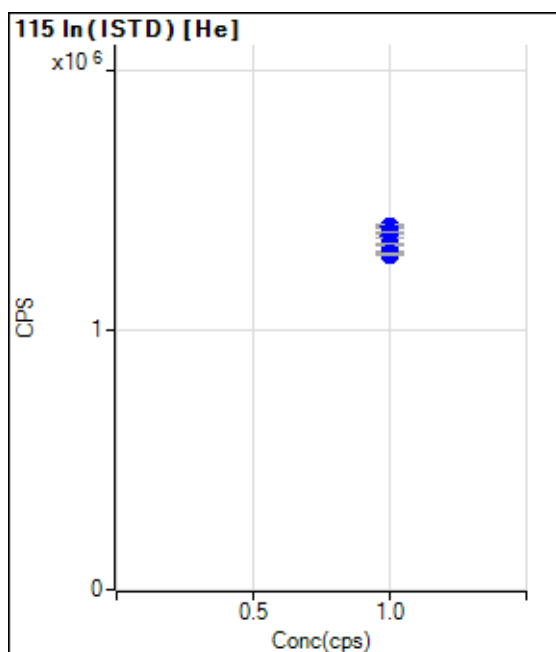
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		8034184.90		A	0.5
2	<input type="checkbox"/>	1.000		8202592.55		A	2.1
3	<input type="checkbox"/>	1.000		8038407.04		A	2.5
4	<input type="checkbox"/>	1.000		8090940.72		A	0.7
5	<input type="checkbox"/>	1.000		8334914.42		A	3.5
6	<input type="checkbox"/>	1.000		8197452.09		A	7.6
7	<input type="checkbox"/>	1.000		7916075.09		A	1.8
8	<input type="checkbox"/>	1.000		7477854.94		A	1.7



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		4073001.95		A	2.3
2	<input type="checkbox"/>	1.000		4122844.04		A	1.5
3	<input type="checkbox"/>	1.000		4122394.84		A	1.4
4	<input type="checkbox"/>	1.000		4087995.98		A	1.1
5	<input type="checkbox"/>	1.000		4088229.32		A	0.8
6	<input type="checkbox"/>	1.000		4019017.40		A	0.4
7	<input type="checkbox"/>	1.000		3887828.03		A	0.8
8	<input type="checkbox"/>	1.000		3671744.35		A	0.4

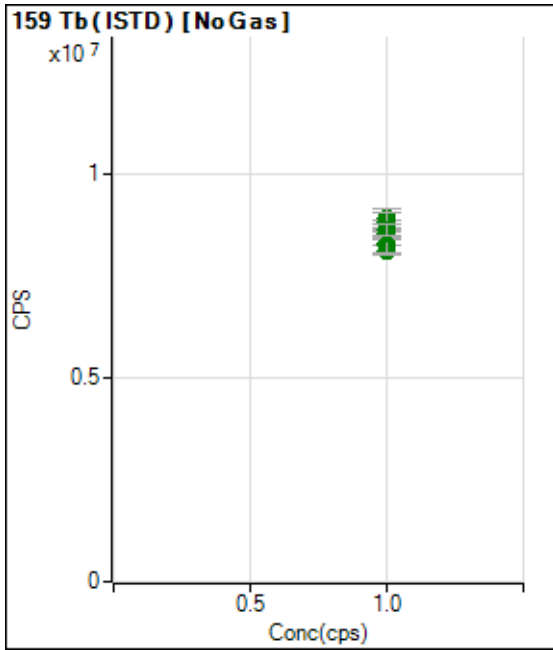


	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		8018973.79		A	2.1
2	<input type="checkbox"/>	1.000		7861489.22		A	1.0
3	<input type="checkbox"/>	1.000		7904981.61		A	3.9
4	<input type="checkbox"/>	1.000		8096990.39		A	1.6
5	<input type="checkbox"/>	1.000		8288572.40		A	3.4
6	<input type="checkbox"/>	1.000		8116945.72		A	7.3
7	<input type="checkbox"/>	1.000		8017891.54		A	2.8
8	<input type="checkbox"/>	1.000		7802275.04		A	2.3

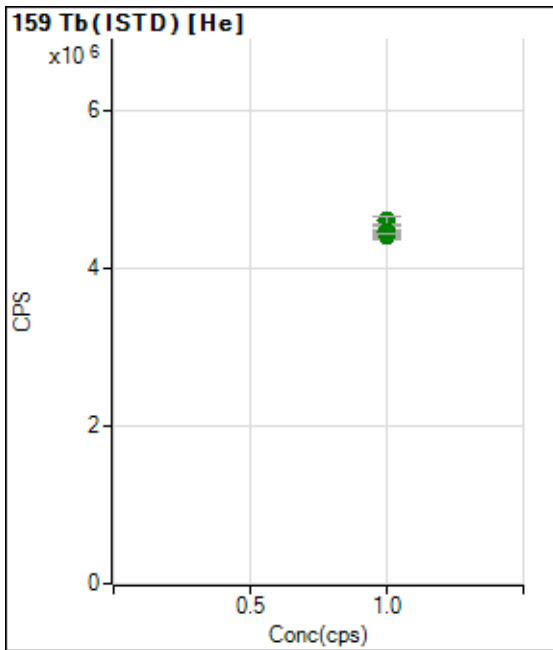


	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		1363101.25		P	0.7
2	<input type="checkbox"/>	1.000		1395509.62		P	0.7
3	<input type="checkbox"/>	1.000		1397122.63		P	0.9
4	<input type="checkbox"/>	1.000		1365710.59		P	1.9
5	<input type="checkbox"/>	1.000		1375862.78		P	0.3
6	<input type="checkbox"/>	1.000		1331073.42		P	0.5
7	<input type="checkbox"/>	1.000		1294638.50		P	1.0
8	<input type="checkbox"/>	1.000		1290734.42		P	0.7

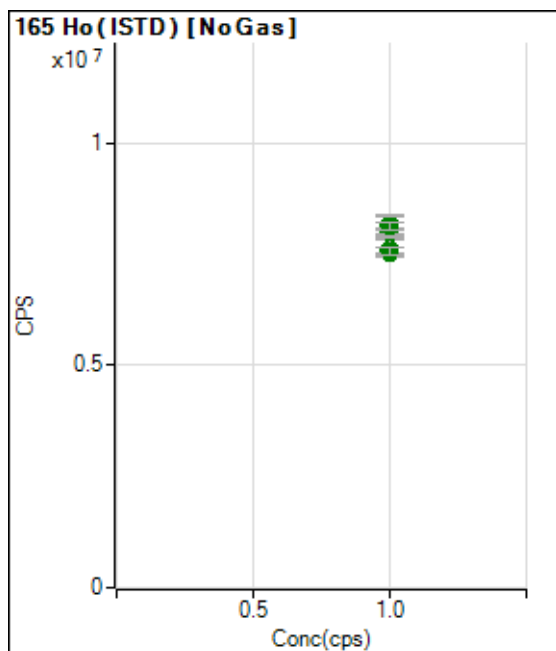




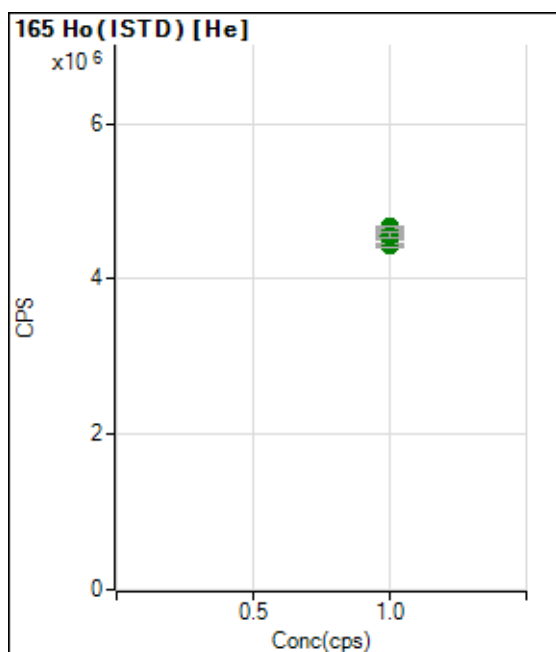
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		8296038.70		A	1.9
2	<input type="checkbox"/>	1.000		8110567.79		A	2.8
3	<input type="checkbox"/>	1.000		8246676.13		A	4.3
4	<input type="checkbox"/>	1.000		8521135.15		A	2.6
5	<input type="checkbox"/>	1.000		8767869.66		A	2.4
6	<input type="checkbox"/>	1.000		8880321.12		A	5.4
7	<input type="checkbox"/>	1.000		8804642.30		A	5.6
8	<input type="checkbox"/>	1.000		8605203.20		A	3.6



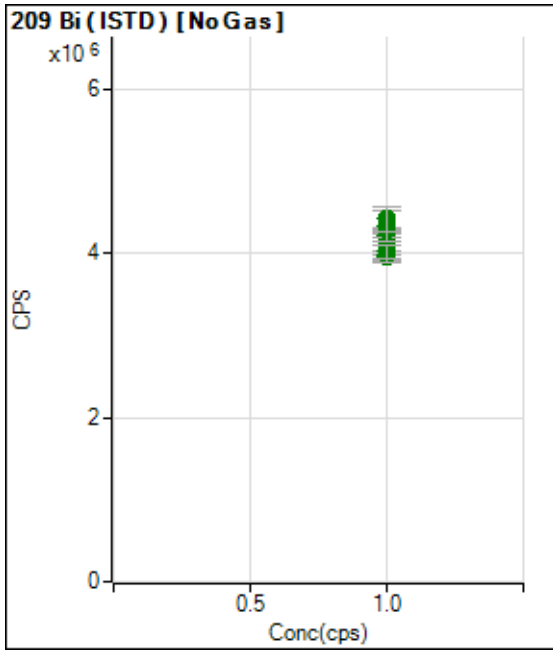
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		4410756.77		A	2.5
2	<input type="checkbox"/>	1.000		4456554.48		A	0.9
3	<input type="checkbox"/>	1.000		4443585.94		A	2.3
4	<input type="checkbox"/>	1.000		4476092.64		A	2.6
5	<input type="checkbox"/>	1.000		4602159.83		A	2.3
6	<input type="checkbox"/>	1.000		4442691.74		A	0.5
7	<input type="checkbox"/>	1.000		4465113.09		A	1.1
8	<input type="checkbox"/>	1.000		4444772.05		A	0.3



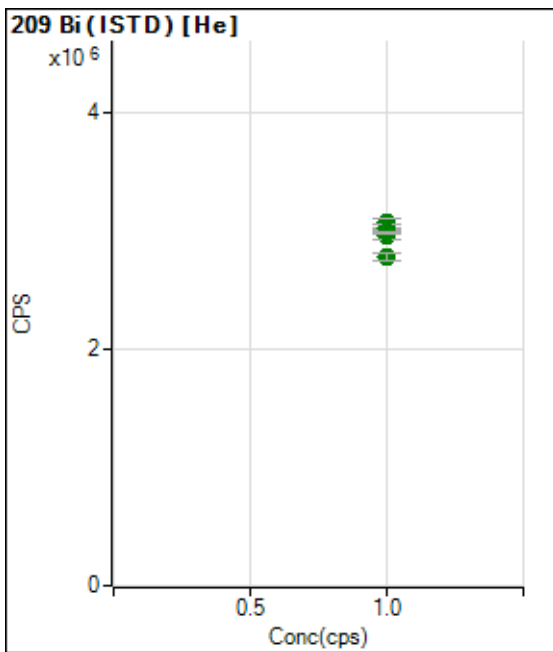
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		7520640.79		A	0.1
2	<input type="checkbox"/>	1.000		7618682.72		A	4.9
3	<input type="checkbox"/>	1.000		7552270.40		A	1.9
4	<input type="checkbox"/>	1.000		8003826.57		A	0.9
5	<input type="checkbox"/>	1.000		8150229.26		A	1.9
6	<input type="checkbox"/>	1.000		8114035.68		A	6.1
7	<input type="checkbox"/>	1.000		8119624.75		A	5.2
8	<input type="checkbox"/>	1.000		8110484.47		A	2.0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		4429577.92		A	0.6
2	<input type="checkbox"/>	1.000		4461921.70		A	2.3
3	<input type="checkbox"/>	1.000		4531713.62		A	1.1
4	<input type="checkbox"/>	1.000		4539527.12		A	3.6
5	<input type="checkbox"/>	1.000		4671777.67		A	0.7
6	<input type="checkbox"/>	1.000		4556397.88		A	1.2
7	<input type="checkbox"/>	1.000		4546417.05		A	2.2
8	<input type="checkbox"/>	1.000		4562856.70		A	1.6



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		4089012.65		A	2.5
2	<input type="checkbox"/>	1.000		3956044.25		A	1.8
3	<input type="checkbox"/>	1.000		3989569.63		A	5.2
4	<input type="checkbox"/>	1.000		4213655.18		A	1.1
5	<input type="checkbox"/>	1.000		4298270.28		A	0.8
6	<input type="checkbox"/>	1.000		4332356.08		A	8.9
7	<input type="checkbox"/>	1.000		4419622.75		A	6.9
8	<input type="checkbox"/>	1.000		4018801.89		A	3.6



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	<input type="checkbox"/>	1.000		2965781.90		A	2.2
2	<input type="checkbox"/>	1.000		3007141.59		A	0.9
3	<input type="checkbox"/>	1.000		2950708.91		A	2.0
4	<input type="checkbox"/>	1.000		3001794.65		A	1.6
5	<input type="checkbox"/>	1.000		3066538.95		A	2.4
6	<input type="checkbox"/>	1.000		3031092.28		A	1.7
7	<input type="checkbox"/>	1.000		2982674.43		A	0.9
8	<input type="checkbox"/>	1.000		2778201.83		A	2.0

# US EPA Tune Check Report

**Operator Name**                    Jaswal  
**Acq/Data Batch**                    D:\Agilent\ICPMH\1\DATA\P8112921MS.b  
**Acq. Date-Time**                    2021-11-29 12:21:01  
**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		9515	95152.67			0.771	5.000
24		94737	947366.30			2.291	5.000
25		12908	129081.40			1.176	5.000
26		14844	148435.45			1.256	5.000
59		21614	216137.27			0.905	5.000
113		8185	81846.57			1.265	5.000
115		28484	284836.43			1.142	5.000
206		7885	78850.53			1.495	5.000
207		6558	65578.11			1.159	5.000
208		16195	161953.54			1.694	5.000
220		1	8.60			21.123	

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

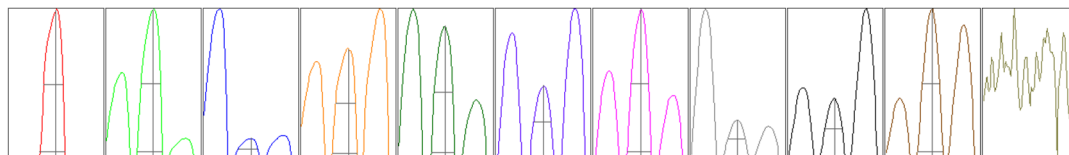
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	9424	9543	9474	9619	9517
24	90854	95643	95699	95697	95789
25	12763	12959	12731	13043	13045
26	14666	14771	14697	15074	15010
59	21355	21544	21550	21790	21829
113	8118	8203	8043	8283	8277
115	28840	28613	28505	28504	27956
206	7815	7797	7789	8037	7987
207	6528	6482	6502	6651	6626
208	15880	16070	16067	16423	16538

# US EPA Tune Check Report

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

Integration Time [sec]      0.1

## Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	16602.42	9.00	8.90 - 9.10	
24	161231.65	24.00	23.90 - 24.10	
25	21955.28	25.05	24.90 - 25.10	
26	24768.59	26.05	25.90 - 26.10	
59	39187.29	59.00	58.90 - 59.10	
113	15748.03	113.05	112.90 - 113.10	
115	55227.54	115.05	114.90 - 115.10	
206	14708.77	206.00	205.90 - 206.10	
207	12437.35	207.00	206.90 - 207.10	
208	31017.64	208.00	207.90 - 208.10	
220			-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.61	0.779	0.900	
24	0.62	0.791	0.900	
25	0.62	0.786	0.900	
26	0.63	0.786	0.900	
59	0.58	0.738	0.900	
113	0.54	0.733	0.900	
115	0.54	0.757	0.900	
206	0.55	0.786	0.900	
207	0.54	0.787	0.900	
208	0.54	0.810	0.900	
220				

Integration Time [sec]      0.1

Acquisition Time [sec]    256.770000000002

Y Axis                            Linear

## Tune Parameters

### Plasma Parameters

Plasma Mode      ---                            Nebulizer Gas      0.73 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	8.3 V	Deflect	14.4 V
Extract 2	-160.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-75 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	170 V		

### QP Parameters

Mass Gain	123	Axis Gain	0.9991	QP Bias	-4.0 V
Mass Offset	124	Axis Offset	0.00		

### Hardware Settings

#### Torch

Torch H	0.9 mm	Torch V	-0.8 mm
---------	--------	---------	---------

#### EM

Discriminator	4.1 mV	Analog HV	2268 V	Pulse HV	1587 V
---------------	--------	-----------	--------	----------	--------

[He]

### Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		4732	47321.82			2.432	
89		16533	165332.77			2.121	
205		21532	215320.83			2.195	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	4535	4824	4759	4802	4740
89	15964	16769	16804	16699	16430
205	20923	22141	21753	21621	21222

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	8.3 V	Deflect	4.8 V
-----------	--------	------------	-------	---------	-------

# US EPA Tune Check Report

Extract 2	-160.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-75 V	Cell Exit	-70 V		
<b>Cell Parameters</b>					
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		
<b>QP Parameters</b>					
Mass Gain	123	Axis Gain	0.9991	QP Bias	-13.0 V
Mass Offset	124	Axis Offset	0.00		
<b>Hardware Settings</b>					
<b>Torch</b>					
Torch H	0.9 mm	Torch V	-0.8 mm		
<b>EM</b>					
Discriminator	4.1 mV	Analog HV	2268 V	Pulse HV	1587 V

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : TUNE Instrumnet Name : P8  
 Client Sample ID : TUNE076 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 12:24:03 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				109		%
Bismuth	209-2				99		%
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				110		%
Holmium	165-2				96		%
Indium	115-1				108		%
Indium	115-2				97		%
Iron	54-2						ppb
Iron	56-2						ppb
Iron	57-2						ppb



LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : TUNE Instrumnet Name : P8  
 Client Sample ID : TUNE076 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 12:24:03 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				110		%
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				109		%
Rhodium	103-2				98		%
Scandium	45-1				109		%
Scandium	45-2				98		%
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				110		%
Terbium	159-2				96		%
Thallium	203-1						ppb
Thallium	205-1						ppb
Tin	118-1						ppb

LB Number :	LB117564	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P8
Client Sample ID :	TUNE076	Dilution Factor :	1
Date & Time Acquired ::	2021-11-29 12:24:03	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				109		%
Yttrium	89-2				96		%
Zinc	66-2						ppb
Zirconium	90-1						ppb
Zirconium	91-1						ppb

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : S0 Instrumnet Name : P8  
 Client Sample ID : S0 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 13:13:28 DataFile Name : 005CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.19	0.02	0.17	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	0.00	0.01	-0.01	0.00	N/A	ppb
Barium	137-1	-0.01	0.00	0.01	0.00	N/A	ppb
Beryllium	9-1	-0.01	0.00	0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.01	0.11	-0.10	0.00	N/A	ppb
Boron	11-1	-0.01	0.07	-0.06	0.00	N/A	ppb
Bromine	81-1						cps
Cadmium	111-1	0.13	-0.04	-0.08	0.00	N/A	ppb
Cadmium	106-1	1.55	-0.63	-0.92	0.00	N/A	ppb
Cadmium	108-1	0.02	-0.18	0.16	0.00	N/A	ppb
Calcium	43-1	-0.29	0.15	0.14	0.00	N/A	ppb
Calcium	44-1	-0.82	-1.18	1.99	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	-0.01	-0.01	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.00	0.00	0.00	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	0.36	-1.24	0.88	0.00	N/A	ppb
Iron	56-2	0.13	-0.11	-0.03	0.00	N/A	ppb
Iron	57-2	1.12	-0.78	-0.34	0.00	N/A	ppb

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : S0 Instrumnet Name : P8  
 Client Sample ID : S0 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 13:13:28 DataFile Name : 005CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.00	-0.01	0.01	0.00	N/A	ppb
Lead	207-1	-0.01	0.00	0.01	0.00	N/A	ppb
Lead	208-1	0.01	0.00	-0.01	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.70	0.60	0.11	0.00	N/A	ppb
Manganese	55-2	-0.02	0.00	0.02	0.00	N/A	ppb
Molybdenum	94-1	-0.01	0.00	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.01	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.02	-0.02	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	-0.01	0.00	0.01	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	-0.03	0.00	0.00	N/A	ppb
Phosphorus	31-2	-54.92	-30.74	-3.89	-29.85		ppb
Potassium	39-2	0.62	-0.84	0.22	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	-0.46	0.32	0.14	0.00	N/A	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.73	0.13	-0.86	0.00	N/A	ppb
Silicon	28-1	1.38	-1.61	0.23	0.00	N/A	ppb
Silver	107-1	-0.01	0.00	0.01	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	-1.62	0.77	0.84	0.00	N/A	ppb
Strontium	86-1	-0.01	-0.02	0.03	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-1.55	-323.28	-195.73	-173.52		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.02	-0.01	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	-0.02	0.02	0.00	0.00	N/A	ppb

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : S0 Instrumnet Name : P8  
 Client Sample ID : S0 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 13:13:28 DataFile Name : 005CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.02	0.03	-0.04	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	-0.09	-0.11	0.20	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	-0.01	0.00	0.01	0.00	N/A	ppb

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : S02 Instrumnet Name : P8  
 Client Sample ID : S02 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 13:19:36 DataFile Name : 007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.17	17.48	18.50	18.38	4.62	ppb
Antimony	121-1	1.99	1.89	1.95	1.95	2.76	ppb
Arsenic	75-2	1.06	0.99	1.01	1.02	3.59	ppb
Barium	135-1	9.30	9.09	9.43	9.27	1.84	ppb
Barium	137-1	10.03	9.76	9.45	9.74	2.98	ppb
Beryllium	9-1	0.93	1.01	0.96	0.97	3.84	ppb
Bismuth	209-1				97		%
Bismuth	209-2				101		%
Boron	10-1	20.75	23.14	22.56	22.15	5.62	ppb
Boron	11-1	20.91	22.90	23.52	22.44	6.07	ppb
Bromine	81-1						cps
Cadmium	111-1	1.00	0.93	0.89	0.94	5.89	ppb
Cadmium	106-1	0.00	1.36	1.09	0.82	87.99	ppb
Cadmium	108-1	0.73	1.32	1.28	1.11	29.63	ppb
Calcium	43-1	465.00	456.09	449.24	456.78	1.73	ppb
Calcium	44-1	485.65	459.76	449.94	465.12	3.97	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.91	1.93	1.91	1.92	0.67	ppb
Cobalt	59-2	0.91	0.97	0.97	0.95	3.47	ppb
Copper	63-2	1.94	1.85	1.85	1.88	3.01	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				101		%
Indium	115-1				98		%
Indium	115-2				102		%
Iron	54-2	45.95	49.00	50.16	48.37	4.50	ppb
Iron	56-2	47.99	47.46	47.09	47.51	0.96	ppb
Iron	57-2	53.99	42.13	46.26	47.46	12.68	ppb

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : S02 Instrumnet Name : P8  
 Client Sample ID : S02 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 13:19:36 DataFile Name : 007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.95	0.89	0.90	0.91	3.71	ppb
Lead	207-1	0.90	0.86	1.00	0.92	7.42	ppb
Lead	208-1	0.89	0.87	0.93	0.90	3.02	ppb
Lithium	6-1				102		%
Magnesium	24-2	466.07	478.69	472.77	472.51	1.34	ppb
Manganese	55-2	0.96	1.04	0.92	0.97	6.42	ppb
Molybdenum	94-1	5.54	5.71	5.45	5.57	2.35	ppb
Molybdenum	95-1	4.70	4.70	4.61	4.67	1.07	ppb
Molybdenum	96-1	4.75	4.62	4.77	4.71	1.66	ppb
Molybdenum	97-1	5.07	4.84	4.42	4.78	6.86	ppb
Molybdenum	98-1	4.74	4.77	4.60	4.70	2.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.92	0.83	0.79	0.85	7.84	ppb
Phosphorus	31-2	40.83	11.13	37.59	29.85	54.58	ppb
Potassium	39-2	464.73	449.27	437.16	450.39	3.07	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				98		%
Scandium	45-2				101		%
Selenium	82-1	3.79	4.00	4.55	4.11	9.52	ppb
Selenium	77-2	5.79	5.83	2.94	4.85	34.14	ppb
Selenium	78-2	6.01	6.42	5.03	5.82	12.25	ppb
Silicon	28-1	18.59	12.31	9.51	13.47	34.54	ppb
Silver	107-1	0.97	0.91	0.90	0.93	4.16	ppb
Silver	109-1	0.99	0.97	0.88	0.95	6.03	ppb
Sodium	23-2	460.95	459.92	456.09	458.99	0.56	ppb
Strontium	86-1	1.10	0.89	0.82	0.94	15.78	ppb
Strontium	88-1	0.94	0.95	0.90	0.93	2.92	ppb
Sulfur	34-1	685.08	309.32	-473.85	173.52	340.76	ppb
Terbium	159-1				98		%
Terbium	159-2				101		%
Thallium	203-1	0.93	0.89	0.85	0.89	4.41	ppb
Thallium	205-1	0.89	0.82	0.90	0.87	4.73	ppb
Tin	118-1	5.30	5.16	4.73	5.06	5.79	ppb

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : S02 Instrumnet Name : P8  
 Client Sample ID : S02 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 13:19:36 DataFile Name : 007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5.29	5.34	4.64	5.09	7.63	ppb
Uranium	238-1	0.90	0.83	0.85	0.86	3.89	ppb
Vanadium	51-2	4.61	4.65	4.70	4.65	0.95	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				102		%
Zinc	66-2	2.12	2.13	2.12	2.12	0.11	ppb
Zirconium	90-1	0.87	0.94	0.93	0.91	3.88	ppb
Zirconium	91-1	0.85	0.97	0.90	0.91	6.79	ppb



LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : S03 Instrumnet Name : P8  
 Client Sample ID : S03 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 13:22:42 DataFile Name : 008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1051.69	1050.16	1056.20	1052.68	0.30	ppb
Antimony	121-1	51.93	56.20	53.43	53.85	4.03	ppb
Arsenic	75-2	53.86	53.62	53.52	53.67	0.33	ppb
Barium	135-1	261.67	286.07	256.63	268.12	5.87	ppb
Barium	137-1	263.16	286.57	260.97	270.23	5.25	ppb
Beryllium	9-1	54.32	58.01	52.47	54.93	5.13	ppb
Bismuth	209-1				98		%
Bismuth	209-2				99		%
Boron	10-1	47.47	55.37	50.69	51.18	7.76	ppb
Boron	11-1	48.39	55.01	52.12	51.84	6.41	ppb
Bromine	81-1						cps
Cadmium	111-1	55.06	59.49	53.03	55.86	5.92	ppb
Cadmium	106-1	56.64	61.10	52.30	56.68	7.76	ppb
Cadmium	108-1	55.28	58.34	53.37	55.66	4.50	ppb
Calcium	43-1	5450.98	5855.52	5530.82	5612.44	3.82	ppb
Calcium	44-1	5404.35	5838.14	5409.61	5550.70	4.48	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	52.28	51.90	52.60	52.26	0.67	ppb
Cobalt	59-2	52.34	52.19	52.73	52.42	0.54	ppb
Copper	63-2	532.79	531.81	535.30	533.30	0.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				102		%
Indium	115-1				99		%
Indium	115-2				102		%
Iron	54-2	2720.72	2688.37	2791.62	2733.57	1.93	ppb
Iron	56-2	2721.29	2736.93	2742.11	2733.44	0.40	ppb
Iron	57-2	2640.52	2653.18	2654.87	2649.52	0.30	ppb

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : S03 Instrumnet Name : P8  
 Client Sample ID : S03 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 13:22:42 DataFile Name : 008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	242.61	277.73	245.07	255.14	7.68	ppb
Lead	207-1	243.67	271.29	245.44	253.47	6.10	ppb
Lead	208-1	244.59	269.12	244.37	252.70	5.63	ppb
Lithium	6-1				97		%
Magnesium	24-2	5578.81	5476.88	5534.59	5530.09	0.92	ppb
Manganese	55-2	526.59	521.16	522.70	523.48	0.53	ppb
Molybdenum	94-1	553.23	592.40	575.28	573.63	3.42	ppb
Molybdenum	95-1	551.28	579.76	566.89	565.98	2.52	ppb
Molybdenum	96-1	553.51	589.85	574.49	572.61	3.19	ppb
Molybdenum	97-1	569.11	600.59	564.75	578.15	3.38	ppb
Molybdenum	98-1	539.90	619.68	545.08	568.22	7.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.95	53.62	54.48	53.69	1.43	ppb
Phosphorus	31-2	1069.41	982.13	1206.44	1085.99	10.41	ppb
Potassium	39-2	2718.48	2636.52	2664.84	2673.28	1.56	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				98		%
Scandium	45-2				102		%
Selenium	82-1	50.45	55.50	53.85	53.27	4.84	ppb
Selenium	77-2	47.27	73.31	49.23	56.60	25.63	ppb
Selenium	78-2	58.29	53.38	54.77	55.48	4.56	ppb
Silicon	28-1	45.45	59.51	47.63	50.86	14.88	ppb
Silver	107-1	54.04	57.60	53.51	55.05	4.04	ppb
Silver	109-1	54.26	59.11	52.71	55.36	6.02	ppb
Sodium	23-2	5389.58	5314.66	5431.28	5378.51	1.10	ppb
Strontium	86-1	502.92	553.07	519.23	525.07	4.87	ppb
Strontium	88-1	503.60	547.51	505.65	518.92	4.78	ppb
Sulfur	34-1	1197.03	2368.59	885.20	1483.61	52.72	ppb
Terbium	159-1				99		%
Terbium	159-2				101		%
Thallium	203-1	48.54	55.47	50.65	51.55	6.90	ppb
Thallium	205-1	50.09	55.98	51.69	52.59	5.79	ppb
Tin	118-1	51.94	57.34	52.93	54.07	5.32	ppb

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : S03 Instrumnet Name : P8  
 Client Sample ID : S03 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 13:22:42 DataFile Name : 008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	592.14	622.94	588.67	601.25	3.14	ppb
Uranium	238-1	45.40	51.89	48.22	48.51	6.71	ppb
Vanadium	51-2	52.12	51.11	52.61	51.94	1.47	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				101		%
Zinc	66-2	534.94	523.08	544.23	534.08	1.98	ppb
Zirconium	90-1	49.56	54.07	51.25	51.63	4.41	ppb
Zirconium	91-1	49.32	53.17	50.73	51.07	3.82	ppb

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : S04 Instrumnet Name : P8  
 Client Sample ID : S04 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 13:25:45 DataFile Name : 009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2602.28	2620.01	2616.77	2613.02	0.36	ppb
Antimony	121-1	132.63	127.74	128.54	129.64	2.02	ppb
Arsenic	75-2	131.10	133.63	133.85	132.86	1.15	ppb
Barium	135-1	673.81	645.08	651.29	656.73	2.30	ppb
Barium	137-1	689.56	651.96	674.30	671.94	2.81	ppb
Beryllium	9-1	136.90	136.88	142.18	138.65	2.20	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Boron	10-1	118.59	124.19	134.46	125.75	6.40	ppb
Boron	11-1	122.63	126.50	138.72	129.28	6.50	ppb
Bromine	81-1						cps
Cadmium	111-1	137.74	129.07	134.02	133.61	3.26	ppb
Cadmium	106-1	138.36	123.59	134.20	132.05	5.77	ppb
Cadmium	108-1	135.30	134.34	132.38	134.01	1.11	ppb
Calcium	43-1	13435.40	13559.25	13503.34	13499.33	0.46	ppb
Calcium	44-1	13285.61	13267.16	13029.14	13193.97	1.08	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	130.37	129.55	130.37	130.09	0.36	ppb
Cobalt	59-2	129.91	130.66	132.86	131.14	1.17	ppb
Copper	63-2	1339.92	1364.80	1331.06	1345.26	1.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	54-2	6811.27	6855.89	6905.90	6857.69	0.69	ppb
Iron	56-2	6621.05	6837.52	6861.99	6773.52	1.96	ppb
Iron	57-2	6631.71	6778.15	6687.69	6699.18	1.10	ppb

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : S04 Instrumnet Name : P8  
 Client Sample ID : S04 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 13:25:45 DataFile Name : 009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	645.02	640.88	641.99	642.63	0.33	ppb
Lead	207-1	651.16	662.68	619.33	644.39	3.48	ppb
Lead	208-1	638.78	661.90	639.39	646.69	2.04	ppb
Lithium	6-1				97		%
Magnesium	24-2	13719.05	13845.17	13988.19	13850.80	0.97	ppb
Manganese	55-2	1304.18	1316.50	1338.34	1319.67	1.31	ppb
Molybdenum	94-1	1358.71	1403.20	1428.67	1396.86	2.53	ppb
Molybdenum	95-1	1372.89	1382.19	1406.30	1387.13	1.24	ppb
Molybdenum	96-1	1374.27	1393.25	1424.01	1397.18	1.80	ppb
Molybdenum	97-1	1380.93	1428.51	1428.08	1412.51	1.94	ppb
Molybdenum	98-1	1339.12	1396.91	1406.84	1380.96	2.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	132.78	134.47	134.25	133.83	0.69	ppb
Phosphorus	31-2	2623.33	2657.75	2697.11	2659.40	1.39	ppb
Potassium	39-2	6650.57	6697.12	6755.47	6701.06	0.78	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	82-1	126.51	132.66	133.94	131.04	3.03	ppb
Selenium	77-2	123.54	133.49	139.57	132.20	6.12	ppb
Selenium	78-2	137.02	139.81	134.91	137.24	1.79	ppb
Silicon	28-1	106.63	107.32	113.30	109.08	3.37	ppb
Silver	107-1	142.40	132.87	134.75	136.67	3.69	ppb
Silver	109-1	138.85	133.36	134.80	135.67	2.10	ppb
Sodium	23-2	12902.29	13058.56	13575.01	13178.62	2.67	ppb
Strontium	86-1	1262.80	1293.13	1322.25	1292.73	2.30	ppb
Strontium	88-1	1258.00	1266.74	1272.82	1265.85	0.59	ppb
Sulfur	34-1	2594.87	2170.91	2555.99	2440.59	9.60	ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	122.99	122.72	124.06	123.26	0.58	ppb
Thallium	205-1	126.47	128.68	125.98	127.04	1.13	ppb
Tin	118-1	135.02	130.66	130.93	132.20	1.85	ppb

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : S04 Instrumnet Name : P8  
 Client Sample ID : S04 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 13:25:45 DataFile Name : 009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1445.72	1451.81	1466.96	1454.83	0.75	ppb
Uranium	238-1	120.85	121.33	120.51	120.90	0.34	ppb
Vanadium	51-2	129.99	129.47	131.32	130.26	0.73	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	1343.40	1337.11	1352.45	1344.32	0.57	ppb
Zirconium	90-1	129.23	126.10	128.56	127.96	1.29	ppb
Zirconium	91-1	124.28	129.75	128.62	127.55	2.26	ppb

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : S05 Instrumnet Name : P8  
 Client Sample ID : S05 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 13:28:50 DataFile Name : 010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5178.30	5164.21	5074.75	5139.09	1.09	ppb
Antimony	121-1	243.70	260.75	257.27	253.90	3.55	ppb
Arsenic	75-2	261.53	254.92	258.51	258.32	1.28	ppb
Barium	135-1	1203.83	1306.73	1275.01	1261.86	4.18	ppb
Barium	137-1	1242.32	1288.01	1309.91	1280.08	2.69	ppb
Beryllium	9-1	251.10	248.73	246.09	248.64	1.01	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Boron	10-1	226.42	245.98	249.29	240.56	5.14	ppb
Boron	11-1	229.95	237.80	249.43	239.06	4.10	ppb
Bromine	81-1						cps
Cadmium	111-1	252.89	264.63	260.98	259.50	2.31	ppb
Cadmium	106-1	241.94	255.71	266.98	254.88	4.92	ppb
Cadmium	108-1	244.20	258.19	272.43	258.27	5.47	ppb
Calcium	43-1	26235.36	26919.65	26918.80	26691.27	1.48	ppb
Calcium	44-1	25348.62	25425.04	26042.18	25605.28	1.49	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	259.19	261.22	254.35	258.25	1.37	ppb
Cobalt	59-2	257.32	262.10	253.68	257.70	1.64	ppb
Copper	63-2	2652.74	2659.35	2552.58	2621.56	2.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	54-2	13344.09	13445.07	13204.40	13331.18	0.91	ppb
Iron	56-2	13346.20	13311.65	13192.44	13283.43	0.61	ppb
Iron	57-2	13325.05	13026.19	13043.73	13131.65	1.28	ppb

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : S05 Instrumnet Name : P8  
 Client Sample ID : S05 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 13:28:50 DataFile Name : 010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1250.22	1246.88	1221.95	1239.68	1.25	ppb
Lead	207-1	1312.09	1241.10	1232.60	1261.93	3.46	ppb
Lead	208-1	1268.43	1231.25	1222.83	1240.84	1.96	ppb
Lithium	6-1				104		%
Magnesium	24-2	26829.91	27128.01	26668.96	26875.63	0.87	ppb
Manganese	55-2	2598.52	2586.32	2559.83	2581.56	0.77	ppb
Molybdenum	94-1	2527.27	2670.29	2781.49	2659.68	4.79	ppb
Molybdenum	95-1	2605.70	2667.00	2825.72	2699.48	4.21	ppb
Molybdenum	96-1	2606.81	2658.61	2776.19	2680.53	3.24	ppb
Molybdenum	97-1	2660.28	2647.84	2698.33	2668.81	0.99	ppb
Molybdenum	98-1	2642.82	2609.40	2729.86	2660.69	2.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	264.20	263.11	254.29	260.53	2.09	ppb
Phosphorus	31-2	5368.73	5167.65	5115.72	5217.37	2.56	ppb
Potassium	39-2	12888.47	13077.19	12834.82	12933.50	0.98	ppb
Rhodium	103-1				104		%
Rhodium	103-2				100		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	82-1	239.29	250.74	258.51	249.51	3.87	ppb
Selenium	77-2	255.70	259.88	278.21	264.60	4.52	ppb
Selenium	78-2	264.64	264.88	267.60	265.71	0.62	ppb
Silicon	28-1	211.34	229.37	228.92	223.21	4.61	ppb
Silver	107-1	255.96	259.74	266.91	260.87	2.13	ppb
Silver	109-1	243.72	260.01	270.60	258.11	5.25	ppb
Sodium	23-2	26323.51	25994.60	25590.65	25969.59	1.41	ppb
Strontium	86-1	2351.93	2488.09	2427.18	2422.40	2.82	ppb
Strontium	88-1	2330.44	2425.94	2457.22	2404.53	2.75	ppb
Sulfur	34-1	4901.67	5790.20	5665.93	5452.60	8.82	ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	250.54	247.81	246.69	248.35	0.80	ppb
Thallium	205-1	255.20	254.06	251.56	253.61	0.73	ppb
Tin	118-1	248.36	250.52	263.75	254.21	3.28	ppb



LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : S05 Instrumnet Name : P8  
 Client Sample ID : S05 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 13:28:50 DataFile Name : 010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2710.11	2759.47	2802.78	2757.46	1.68	ppb
Uranium	238-1	232.09	246.10	257.96	245.38	5.28	ppb
Vanadium	51-2	261.84	255.75	250.05	255.88	2.30	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	2615.15	2613.56	2559.40	2596.04	1.22	ppb
Zirconium	90-1	239.54	246.64	250.53	245.57	2.27	ppb
Zirconium	91-1	235.31	240.69	247.23	241.08	2.48	ppb

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : S06 Instrumnet Name : P8  
 Client Sample ID : S06 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 13:31:53 DataFile Name : 011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10161.22	10190.46	10075.90	10142.53	0.59	ppb
Antimony	121-1	493.43	527.19	464.01	494.88	6.39	ppb
Arsenic	75-2	501.01	490.34	485.40	492.25	1.62	ppb
Barium	135-1	2545.21	2664.50	2286.18	2498.63	7.74	ppb
Barium	137-1	2422.56	2698.06	2290.23	2470.28	8.42	ppb
Beryllium	9-1	482.07	553.27	467.65	501.00	9.15	ppb
Bismuth	209-1				106		%
Bismuth	209-2				102		%
Boron	10-1	458.84	531.36	468.22	486.14	8.11	ppb
Boron	11-1	446.31	539.67	466.83	484.27	10.13	ppb
Bromine	81-1						cps
Cadmium	111-1	481.62	536.04	470.31	495.99	7.09	ppb
Cadmium	106-1	487.90	532.92	474.76	498.53	6.12	ppb
Cadmium	108-1	468.19	548.99	467.92	495.03	9.44	ppb
Calcium	43-1	53630.52	58601.30	48774.86	53668.89	9.15	ppb
Calcium	44-1	52545.97	56864.33	46839.33	52083.21	9.65	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	507.82	500.82	493.22	500.62	1.46	ppb
Cobalt	59-2	511.61	509.88	511.43	510.97	0.19	ppb
Copper	63-2	5138.11	4982.63	5035.42	5052.05	1.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	54-2	27256.96	26535.60	26381.47	26724.68	1.75	ppb
Iron	56-2	25633.88	26150.17	25972.61	25918.89	1.01	ppb
Iron	57-2	25865.35	26378.42	25550.68	25931.48	1.61	ppb

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : S06 Instrumnet Name : P8  
 Client Sample ID : S06 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 13:31:53 DataFile Name : 011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2356.90	2790.67	2242.57	2463.38	11.74	ppb
Lead	207-1	2456.48	2809.13	2207.04	2490.88	12.14	ppb
Lead	208-1	2443.35	2734.67	2213.46	2463.83	10.60	ppb
Lithium	6-1				102		%
Magnesium	24-2	53281.83	52494.71	51724.45	52500.33	1.48	ppb
Manganese	55-2	5002.16	5098.60	5012.07	5037.61	1.05	ppb
Molybdenum	94-1	5407.78	5927.32	4834.15	5389.75	10.15	ppb
Molybdenum	95-1	5349.17	6066.88	4898.20	5438.08	10.84	ppb
Molybdenum	96-1	5486.09	6021.96	4956.03	5488.03	9.71	ppb
Molybdenum	97-1	5432.43	5932.02	4979.36	5447.94	8.75	ppb
Molybdenum	98-1	5242.62	6059.72	5013.53	5438.63	10.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	506.99	500.79	502.56	503.45	0.63	ppb
Phosphorus	31-2	10252.06	9932.29	9946.57	10043.64	1.80	ppb
Potassium	39-2	25580.75	25229.55	24840.61	25216.97	1.47	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				96		%
Selenium	82-1	490.43	546.19	455.14	497.25	9.23	ppb
Selenium	77-2	521.48	483.54	473.65	492.89	5.12	ppb
Selenium	78-2	499.88	489.70	488.86	492.81	1.24	ppb
Silicon	28-1	459.89	531.52	464.26	485.22	8.27	ppb
Silver	107-1	491.92	538.99	467.05	499.32	7.32	ppb
Silver	109-1	490.66	537.49	468.98	499.04	7.02	ppb
Sodium	23-2	50569.16	49697.18	49173.58	49813.31	1.42	ppb
Strontium	86-1	4938.45	5395.89	4479.35	4937.90	9.28	ppb
Strontium	88-1	4856.51	5445.39	4456.38	4919.43	10.11	ppb
Sulfur	34-1	12961.04	14212.48	9229.05	12134.19	21.37	ppb
Terbium	159-1				107		%
Terbium	159-2				101		%
Thallium	203-1	496.33	549.44	447.63	497.80	10.23	ppb
Thallium	205-1	504.78	566.80	447.04	506.21	11.83	ppb
Tin	118-1	477.03	522.42	466.18	488.54	6.11	ppb

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : S06 Instrumnet Name : P8  
 Client Sample ID : S06 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 13:31:53 DataFile Name : 011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5463.22	5893.48	4960.51	5439.07	8.59	ppb
Uranium	238-1	491.79	543.85	447.52	494.39	9.75	ppb
Vanadium	51-2	508.28	505.18	495.83	503.10	1.29	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	5088.01	5088.46	5010.21	5062.23	0.89	ppb
Zirconium	90-1	473.58	540.45	452.72	488.92	9.37	ppb
Zirconium	91-1	491.72	537.83	449.53	493.03	8.96	ppb

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : S07 Instrumnet Name : P8  
 Client Sample ID : S07 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 13:34:59 DataFile Name : 012CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19975.73	19867.19	19812.18	19885.04	0.42	ppb
Antimony	121-1	959.59	985.85	1057.00	1000.81	5.04	ppb
Arsenic	75-2	1002.80	975.12	1023.96	1000.63	2.45	ppb
Barium	135-1	4900.08	4872.44	5206.03	4992.85	3.71	ppb
Barium	137-1	4813.25	4993.29	5194.83	5000.46	3.82	ppb
Beryllium	9-1	946.71	971.53	1075.43	997.89	6.84	ppb
Bismuth	209-1				108		%
Bismuth	209-2				101		%
Boron	10-1	921.89	987.79	1117.95	1009.21	9.89	ppb
Boron	11-1	922.58	997.19	1110.34	1010.04	9.36	ppb
Bromine	81-1						cps
Cadmium	111-1	955.74	974.40	1064.64	998.26	5.83	ppb
Cadmium	106-1	944.82	991.98	1058.11	998.30	5.70	ppb
Cadmium	108-1	950.55	988.25	1058.22	999.01	5.47	ppb
Calcium	43-1	109299.85	107919.03	119035.67	112084.85	5.41	ppb
Calcium	44-1	105113.80	104850.50	115639.99	108534.76	5.67	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1006.98	991.19	992.47	996.88	0.88	ppb
Cobalt	59-2	980.45	989.76	1004.89	991.70	1.24	ppb
Copper	63-2	10040.83	9942.49	9806.72	9930.01	1.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				103		%
Indium	115-1				100		%
Indium	115-2				95		%
Iron	54-2	51980.25	51261.28	51138.28	51459.94	0.88	ppb
Iron	56-2	52445.56	51753.20	50814.83	51671.19	1.58	ppb
Iron	57-2	52594.38	52261.19	52572.00	52475.86	0.35	ppb

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : S07 Instrumnet Name : P8  
 Client Sample ID : S07 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 13:34:59 DataFile Name : 012CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4807.64	4842.87	5404.78	5018.43	6.68	ppb
Lead	207-1	4820.90	4966.45	5209.58	4998.98	3.93	ppb
Lead	208-1	4848.86	4950.43	5253.30	5017.53	4.19	ppb
Lithium	6-1				102		%
Magnesium	24-2	105055.77	103118.70	102120.57	103431.68	1.44	ppb
Manganese	55-2	10288.69	9800.15	9763.93	9950.92	2.95	ppb
Molybdenum	94-1	10575.21	10627.49	12018.66	11073.79	7.39	ppb
Molybdenum	95-1	10551.37	10621.40	11951.05	11041.27	7.14	ppb
Molybdenum	96-1	10643.37	10588.15	11826.82	11019.45	6.35	ppb
Molybdenum	97-1	10597.96	10450.32	12072.42	11040.23	8.12	ppb
Molybdenum	98-1	10636.95	10407.91	12109.22	11051.36	8.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	994.13	1002.62	986.32	994.36	0.82	ppb
Phosphorus	31-2	20052.58	20165.43	19480.84	19899.62	1.84	ppb
Potassium	39-2	48988.82	48652.15	48808.95	48816.64	0.35	ppb
Rhodium	103-1				99		%
Rhodium	103-2				95		%
Scandium	45-1				100		%
Scandium	45-2				97		%
Selenium	82-1	961.14	959.29	1081.32	1000.58	6.99	ppb
Selenium	77-2	1013.32	950.48	1032.23	998.68	4.29	ppb
Selenium	78-2	1014.82	969.27	1009.49	997.86	2.50	ppb
Silicon	28-1	927.07	992.19	1128.74	1016.00	10.13	ppb
Silver	107-1	954.30	985.56	1047.88	995.91	4.78	ppb
Silver	109-1	972.41	972.21	1045.93	996.85	4.26	ppb
Sodium	23-2	99456.43	99794.97	99496.64	99582.68	0.19	ppb
Strontium	86-1	9644.61	9625.35	10861.61	10043.86	7.05	ppb
Strontium	88-1	9701.00	9591.16	10891.52	10061.23	7.17	ppb
Sulfur	34-1	17907.42	17561.81	20939.77	18803.00	9.88	ppb
Terbium	159-1				106		%
Terbium	159-2				101		%
Thallium	203-1	956.41	954.39	1094.16	1001.65	8.00	ppb
Thallium	205-1	941.04	976.56	1069.23	995.61	6.65	ppb
Tin	118-1	953.49	983.09	1074.13	1003.57	6.27	ppb

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : S07 Instrumnet Name : P8  
 Client Sample ID : S07 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 13:34:59 DataFile Name : 012CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	10549.01	10813.98	11685.19	11016.06	5.40	ppb
Uranium	238-1	979.47	960.26	1073.91	1004.55	6.06	ppb
Vanadium	51-2	990.14	992.86	1005.68	996.23	0.83	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				98		%
Zinc	66-2	9920.97	9862.83	10010.35	9931.38	0.75	ppb
Zirconium	90-1	976.13	971.07	1071.39	1006.20	5.62	ppb
Zirconium	91-1	951.68	963.11	1101.25	1005.34	8.28	ppb

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : S08 Instrumnet Name : P8  
 Client Sample ID : S08 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 13:38:02 DataFile Name : 013CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99607.71	102136.95	98250.64	99998.43	1.97	ppb
Antimony	121-1	0.92	1.16	0.90	0.99	14.51	ppb
Arsenic	75-2	0.36	0.35	0.57	0.43	29.18	ppb
Barium	135-1	1.81	3.06	2.04	2.30	28.91	ppb
Barium	137-1	2.19	3.49	2.15	2.61	29.16	ppb
Beryllium	9-1	0.28	0.61	0.26	0.38	51.53	ppb
Bismuth	209-1				98		%
Bismuth	209-2				94		%
Boron	10-1	147.53	133.25	119.83	133.54	10.37	ppb
Boron	11-1	142.50	128.78	119.76	130.35	8.78	ppb
Bromine	81-1						cps
Cadmium	111-1	0.02	0.20	0.09	0.10	87.24	ppb
Cadmium	106-1	-2.79	-2.65	-1.35	-2.27		ppb
Cadmium	108-1	0.43	0.69	0.60	0.57	23.63	ppb
Calcium	43-1	511148.73	504690.90	475461.91	497100.51	3.83	ppb
Calcium	44-1	507463.14	504346.78	482285.00	498031.64	2.76	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.68	1.75	1.87	1.77	5.58	ppb
Cobalt	59-2	1.39	1.50	1.59	1.49	6.73	ppb
Copper	63-2	3.33	3.82	4.01	3.72	9.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				103		%
Indium	115-1				97		%
Indium	115-2				95		%
Iron	54-2	248152.63	252855.99	247420.76	249476.46	1.18	ppb
Iron	56-2	251721.63	252782.44	244053.78	249519.28	1.91	ppb
Iron	57-2	253567.18	249069.18	245465.75	249367.37	1.63	ppb



LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : S08 Instrumnet Name : P8  
 Client Sample ID : S08 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 13:38:02 DataFile Name : 013CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2.82	4.10	2.88	3.26	22.18	ppb
Lead	207-1	2.79	4.29	2.87	3.32	25.43	ppb
Lead	208-1	2.74	4.37	2.77	3.29	28.28	ppb
Lithium	6-1				98		%
Magnesium	24-2	498348.43	505516.10	492927.89	498930.81	1.27	ppb
Manganese	55-2	6.54	6.87	7.02	6.81	3.60	ppb
Molybdenum	94-1	2.97	5.39	3.67	4.01	31.14	ppb
Molybdenum	95-1	2.48	4.90	3.20	3.53	35.25	ppb
Molybdenum	96-1	4.51	6.77	5.38	5.55	20.52	ppb
Molybdenum	97-1	2.73	5.99	3.41	4.04	42.57	ppb
Molybdenum	98-1	2.49	6.16	2.69	3.78	54.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.37	1.52	1.54	1.48	6.25	ppb
Phosphorus	31-2	-9.45	12.20	5.48	2.74	404.36	ppb
Potassium	39-2	248317.51	252622.40	249601.26	250180.39	0.88	ppb
Rhodium	103-1				93		%
Rhodium	103-2				90		%
Scandium	45-1				100		%
Scandium	45-2				96		%
Selenium	82-1	2.11	1.54	1.51	1.72	19.75	ppb
Selenium	77-2	0.00	3.06	0.00	1.02	173.21	ppb
Selenium	78-2	1.30	0.78	0.56	0.88	43.35	ppb
Silicon	28-1	228.02	238.26	228.79	231.69	2.46	ppb
Silver	107-1	0.32	0.30	0.24	0.29	13.76	ppb
Silver	109-1	0.33	0.31	0.28	0.31	9.08	ppb
Sodium	23-2	509460.48	495689.72	494948.63	500032.94	1.63	ppb
Strontium	86-1	7.06	9.20	6.93	7.73	16.47	ppb
Strontium	88-1	7.18	9.56	7.05	7.93	17.80	ppb
Sulfur	34-1	-1862.14	-2209.33	-2615.15	-2228.87		ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	0.29	0.62	0.32	0.41	45.10	ppb
Thallium	205-1	0.26	0.68	0.24	0.39	63.12	ppb
Tin	118-1	0.27	0.55	0.28	0.36	43.52	ppb

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : S08 Instrumnet Name : P8  
 Client Sample ID : S08 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 13:38:02 DataFile Name : 013CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.95	3.42	4.00	3.12	33.89	ppb
Uranium	238-1	0.18	0.53	0.20	0.30	64.91	ppb
Vanadium	51-2	0.36	0.36	0.46	0.39	14.63	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				98		%
Zinc	66-2	19.23	19.77	19.80	19.60	1.64	ppb
Zirconium	90-1	0.45	0.76	0.49	0.57	29.72	ppb
Zirconium	91-1	0.47	0.75	0.51	0.58	25.66	ppb

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : ICV076 Instrumnet Name : P8  
 Client Sample ID : ICV076 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 13:54:17 DataFile Name : 014ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	507.53	512.09	515.22	511.61	0.76	ppb
Antimony	121-1	204.58	199.71	210.33	204.87	2.60	ppb
Arsenic	75-2	208.28	204.38	212.90	208.52	2.05	ppb
Barium	135-1	101.65	102.24	105.22	103.03	1.86	ppb
Barium	137-1	106.09	103.70	109.24	106.34	2.61	ppb
Beryllium	9-1	103.69	102.95	105.66	104.10	1.34	ppb
Bismuth	209-1				102		%
Bismuth	209-2				104		%
Boron	10-1	29.74	31.29	30.51	30.51	2.53	ppb
Boron	11-1	29.46	30.13	30.87	30.15	2.35	ppb
Bromine	81-1						cps
Cadmium	111-1	107.20	104.78	109.56	107.18	2.23	ppb
Cadmium	106-1	86.23	81.40	93.45	87.03	6.96	ppb
Cadmium	108-1	88.51	86.15	94.85	89.84	5.01	ppb
Calcium	43-1	1979.05	2009.09	2022.69	2003.61	1.11	ppb
Calcium	44-1	2032.90	2019.91	2032.76	2028.52	0.37	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	103.82	103.60	102.46	103.30	0.70	ppb
Cobalt	59-2	104.59	104.48	102.48	103.85	1.14	ppb
Copper	63-2	104.29	103.69	102.41	103.47	0.93	ppb
Dysprosium	156-1						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				102		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	54-2	2147.43	2157.15	2135.67	2146.75	0.50	ppb
Iron	56-2	2147.38	2129.01	2107.01	2127.80	0.95	ppb
Iron	57-2	2046.66	2011.62	2066.29	2041.52	1.36	ppb

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : ICV076 Instrumnet Name : P8  
 Client Sample ID : ICV076 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 13:54:17 DataFile Name : 014ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	202.49	194.60	210.38	202.49	3.90	ppb
Lead	207-1	187.88	193.20	210.35	197.14	5.96	ppb
Lead	208-1	191.35	198.30	208.30	199.32	4.27	ppb
Lithium	6-1				102		%
Magnesium	24-2	1231.92	1240.51	1256.23	1242.89	0.99	ppb
Manganese	55-2	102.88	103.43	103.72	103.34	0.41	ppb
Molybdenum	94-1	0.19	0.16	0.13	0.16	20.30	ppb
Molybdenum	95-1	0.08	0.07	0.07	0.07	12.83	ppb
Molybdenum	96-1	0.15	0.11	0.11	0.13	18.58	ppb
Molybdenum	97-1	0.08	0.09	0.06	0.07	21.64	ppb
Molybdenum	98-1	0.10	0.08	0.08	0.09	8.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	110.11	108.20	108.39	108.90	0.97	ppb
Phosphorus	31-2	-35.10	-28.67	3.72	-20.02		ppb
Potassium	39-2	1978.96	1994.40	2000.22	1991.19	0.55	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	82-1	206.94	205.73	209.05	207.24	0.81	ppb
Selenium	77-2	219.21	190.68	220.53	210.14	8.03	ppb
Selenium	78-2	212.61	215.95	218.83	215.80	1.44	ppb
Silicon	28-1	-2.90	-1.96	-0.50	-1.79		ppb
Silver	107-1	53.96	52.12	53.83	53.30	1.92	ppb
Silver	109-1	51.21	52.56	54.56	52.77	3.19	ppb
Sodium	23-2	2063.27	2108.01	2028.50	2066.59	1.93	ppb
Strontium	86-1	0.21	0.26	0.34	0.27	23.79	ppb
Strontium	88-1	0.28	0.29	0.29	0.29	1.02	ppb
Sulfur	34-1	-1527.38	-1764.46	-1557.36	-1616.40		ppb
Terbium	159-1				102		%
Terbium	159-2				104		%
Thallium	203-1	192.54	195.62	208.68	198.95	4.31	ppb
Thallium	205-1	206.07	207.42	215.05	209.51	2.31	ppb
Tin	118-1	0.03	0.03	0.02	0.03	27.70	ppb

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : ICV076 Instrumnet Name : P8  
 Client Sample ID : ICV076 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 13:54:17 DataFile Name : 014ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.12	0.12	0.07	0.10	25.80	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	35.89	ppb
Vanadium	51-2	101.05	102.44	103.54	102.35	1.22	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				103		%
Zinc	66-2	212.94	214.37	209.14	212.15	1.27	ppb
Zirconium	90-1	0.04	0.02	0.03	0.03	25.79	ppb
Zirconium	91-1	0.07	0.08	0.04	0.06	26.61	ppb

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : ICB076 Instrumnet Name : P8  
 Client Sample ID : ICB076 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 13:58:36 DataFile Name : 015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.43	0.58	0.30	0.44	32.36	ppb
Antimony	121-1	0.07	0.06	0.07	0.07	9.98	ppb
Arsenic	75-2	0.00	0.03	0.00	0.01	120.81	ppb
Barium	135-1	0.01	0.02	0.03	0.02	55.32	ppb
Barium	137-1	0.02	0.01	0.01	0.01	61.47	ppb
Beryllium	9-1	0.04	0.02	0.02	0.03	39.36	ppb
Bismuth	209-1				105		%
Bismuth	209-2				104		%
Boron	10-1	21.86	20.08	20.23	20.73	4.77	ppb
Boron	11-1	21.44	20.92	20.14	20.83	3.15	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.32	0.04	-0.33	-0.20		ppb
Cadmium	106-1	-4.22	0.44	-4.16	-2.65		ppb
Cadmium	108-1	0.16	-0.03	0.17	0.10	108.66	ppb
Calcium	43-1	-2.71	-3.64	-2.91	-3.09		ppb
Calcium	44-1	1.66	0.07	2.19	1.31	84.36	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	0.09	0.00	0.02	244.72	ppb
Cobalt	59-2	0.00	0.00	-0.01	0.00		ppb
Copper	63-2	0.01	0.04	0.01	0.02	96.01	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	54-2	0.46	0.63	0.98	0.69	38.71	ppb
Iron	56-2	0.50	0.92	1.22	0.88	40.90	ppb
Iron	57-2	0.29	-0.62	-0.60	-0.31		ppb

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : ICB076 Instrumnet Name : P8  
 Client Sample ID : ICB076 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 13:58:36 DataFile Name : 015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.03	0.05	0.05	0.05	23.98	ppb
Lead	207-1	0.06	0.07	0.04	0.06	23.56	ppb
Lead	208-1	0.03	0.05	0.03	0.04	24.99	ppb
Lithium	6-1				101		%
Magnesium	24-2	1.26	1.22	2.04	1.51	30.63	ppb
Manganese	55-2	-0.02	0.04	0.10	0.04	159.12	ppb
Molybdenum	94-1	0.02	0.01	0.07	0.03	94.70	ppb
Molybdenum	95-1	0.02	0.02	0.01	0.02	30.13	ppb
Molybdenum	96-1	0.02	0.02	0.02	0.02	10.73	ppb
Molybdenum	97-1	0.03	0.04	0.03	0.03	19.83	ppb
Molybdenum	98-1	0.02	0.02	0.02	0.02	8.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	0.03	-0.02	-0.01		ppb
Phosphorus	31-2	-9.33	-40.44	14.22	-11.85		ppb
Potassium	39-2	-15.15	13.88	-13.44	-4.91		ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	82-1	0.03	-0.56	-0.43	-0.32		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.24	0.98	1.29	0.84	64.52	ppb
Silicon	28-1	-6.14	-7.12	-2.65	-5.31		ppb
Silver	107-1	0.04	0.03	0.02	0.03	32.08	ppb
Silver	109-1	0.03	0.03	0.03	0.03	6.88	ppb
Sodium	23-2	5.09	14.19	8.26	9.18	50.29	ppb
Strontium	86-1	0.01	-0.02	-0.10	-0.04		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	11.06	ppb
Sulfur	34-1	-1339.24	-1447.05	-1012.43	-1266.24		ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	0.01	0.00	-0.01	0.00		ppb
Thallium	205-1	0.02	0.02	0.01	0.02	55.09	ppb
Tin	118-1	0.05	0.00	0.01	0.02	148.40	ppb

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : ICB076 Instrumnet Name : P8  
 Client Sample ID : ICB076 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 13:58:36 DataFile Name : 015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.07	-0.04	-0.01	0.01	804.22	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	27.94	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				102		%
Zinc	66-2	0.12	0.08	-0.11	0.03	439.70	ppb
Zirconium	90-1	-0.01	0.00	0.00	0.00		ppb
Zirconium	91-1	0.03	0.01	0.01	0.01	91.85	ppb



LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : ICSA076 Instrumnet Name : P8  
 Client Sample ID : ICSA076 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 14:15:45 DataFile Name : 016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	96585.15	101040.19	96892.77	98172.70	2.53	ppb
Antimony	121-1	1.09	1.13	1.15	1.12	2.81	ppb
Arsenic	75-2	0.30	0.28	0.27	0.28	5.29	ppb
Barium	135-1	1.41	1.31	1.34	1.35	3.63	ppb
Barium	137-1	1.39	1.42	1.40	1.40	0.96	ppb
Beryllium	9-1	0.30	0.34	0.27	0.30	12.14	ppb
Bismuth	209-1				103		%
Bismuth	209-2				98		%
Boron	10-1	15.65	14.45	14.24	14.78	5.14	ppb
Boron	11-1	14.69	14.35	14.10	14.38	2.08	ppb
Bromine	81-1						cps
Cadmium	111-1	0.01	-0.04	0.03	0.00	1542.29	ppb
Cadmium	106-1	-5.54	-6.63	-5.59	-5.92		ppb
Cadmium	108-1	11.16	10.77	10.10	10.67	5.03	ppb
Calcium	43-1	99694.48	101252.03	103925.98	101624.16	2.11	ppb
Calcium	44-1	99911.04	100311.95	102905.95	101042.98	1.61	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.45	21.12	20.47	20.35	4.14	ppb
Cobalt	59-2	1.08	1.25	1.17	1.17	7.10	ppb
Copper	63-2	6.95	8.07	7.51	7.51	7.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				99		%
Indium	115-1				102		%
Indium	115-2				95		%
Iron	54-2	100700.04	106251.09	102863.50	103271.55	2.71	ppb
Iron	56-2	101997.35	109527.35	104000.15	105174.95	3.71	ppb
Iron	57-2	103770.80	109863.66	105218.73	106284.40	2.99	ppb

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : ICSA076 Instrumnet Name : P8  
 Client Sample ID : ICSA076 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 14:15:45 DataFile Name : 016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4.47	4.40	4.58	4.48	2.01	ppb
Lead	207-1	3.96	4.30	4.14	4.14	4.11	ppb
Lead	208-1	4.09	4.23	4.30	4.21	2.60	ppb
Lithium	6-1				102		%
Magnesium	24-2	97685.34	103875.18	98906.36	100155.63	3.27	ppb
Manganese	55-2	7.75	8.10	7.87	7.91	2.20	ppb
Molybdenum	94-1	1610.20	1563.85	1534.52	1569.52	2.43	ppb
Molybdenum	95-1	1941.28	1889.80	1891.49	1907.52	1.53	ppb
Molybdenum	96-1	1877.08	1849.15	1872.44	1866.22	0.80	ppb
Molybdenum	97-1	1877.87	1894.45	1922.41	1898.24	1.19	ppb
Molybdenum	98-1	1854.20	1888.81	1887.55	1876.85	1.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.35	5.47	5.39	5.40	1.10	ppb
Phosphorus	31-2	99202.86	104169.01	99292.70	100888.19	2.82	ppb
Potassium	39-2	97549.40	102911.14	101653.91	100704.81	2.78	ppb
Rhodium	103-1				100		%
Rhodium	103-2				93		%
Scandium	45-1				105		%
Scandium	45-2				97		%
Selenium	82-1	0.84	0.04	-0.34	0.18	337.60	ppb
Selenium	77-2	0.00	2.15	0.00	0.72	173.21	ppb
Selenium	78-2	0.36	-0.01	0.60	0.32	97.63	ppb
Silicon	28-1	7.04	9.37	10.89	9.10	21.32	ppb
Silver	107-1	0.02	0.04	0.03	0.03	31.15	ppb
Silver	109-1	0.04	0.04	0.04	0.04	0.87	ppb
Sodium	23-2	101320.25	107827.99	101433.62	103527.29	3.60	ppb
Strontium	86-1	33.11	33.28	32.18	32.85	1.81	ppb
Strontium	88-1	34.04	33.41	33.31	33.58	1.18	ppb
Sulfur	34-1	91638.71	93608.30	93131.52	92792.84	1.11	ppb
Terbium	159-1				106		%
Terbium	159-2				100		%
Thallium	203-1	0.01	0.02	0.02	0.02	36.05	ppb
Thallium	205-1	0.01	0.01	0.02	0.02	38.05	ppb
Tin	118-1	0.07	0.16	0.09	0.11	43.93	ppb

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : ICSA076 Instrumnet Name : P8  
 Client Sample ID : ICSA076 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 14:15:45 DataFile Name : 016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2008.17	1965.76	2030.90	2001.61	1.65	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	24.88	ppb
Vanadium	51-2	0.12	0.17	0.16	0.15	17.71	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				98		%
Zinc	66-2	11.01	11.54	11.24	11.26	2.37	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	49.95	ppb
Zirconium	91-1	-0.01	0.02	0.00	0.00	1964.11	ppb

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : ICSAB076 Instrumnet Name : P8  
 Client Sample ID : ICSAB076 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 14:18:38 DataFile Name : 017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	94659.03	97699.69	94983.57	95780.76	1.74	ppb
Antimony	121-1	20.30	20.27	20.64	20.40	1.02	ppb
Arsenic	75-2	20.32	20.40	19.99	20.24	1.08	ppb
Barium	135-1	20.50	21.16	21.96	21.21	3.46	ppb
Barium	137-1	21.13	21.49	22.03	21.55	2.11	ppb
Beryllium	9-1	20.36	20.83	20.87	20.69	1.38	ppb
Bismuth	209-1				106		%
Bismuth	209-2				101		%
Boron	10-1	10.26	9.68	10.01	9.98	2.90	ppb
Boron	11-1	11.12	10.42	9.86	10.47	6.03	ppb
Bromine	81-1						cps
Cadmium	111-1	19.23	18.98	19.81	19.34	2.22	ppb
Cadmium	106-1	11.60	10.77	13.21	11.86	10.43	ppb
Cadmium	108-1	27.05	25.75	26.20	26.33	2.50	ppb
Calcium	43-1	100873.50	99588.39	101115.80	100525.90	0.82	ppb
Calcium	44-1	101677.69	97521.08	101067.89	100088.89	2.24	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	39.70	38.52	38.86	39.03	1.55	ppb
Cobalt	59-2	20.84	20.79	20.42	20.68	1.13	ppb
Copper	63-2	26.85	26.27	26.14	26.42	1.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	54-2	99379.92	98219.29	99369.41	98989.54	0.67	ppb
Iron	56-2	100862.39	97293.10	100984.55	99713.35	2.10	ppb
Iron	57-2	101069.54	98269.33	99936.73	99758.53	1.41	ppb

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : ICSAB076 Instrumnet Name : P8  
 Client Sample ID : ICSAB076 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 14:18:38 DataFile Name : 017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	24.83	23.53	23.30	23.89	3.44	ppb
Lead	207-1	23.56	22.23	22.68	22.82	2.97	ppb
Lead	208-1	23.71	22.37	22.48	22.85	3.24	ppb
Lithium	6-1				103		%
Magnesium	24-2	97410.78	98578.10	98189.40	98059.43	0.61	ppb
Manganese	55-2	28.05	27.19	26.72	27.32	2.47	ppb
Molybdenum	94-1	1590.25	1535.12	1588.35	1571.24	1.99	ppb
Molybdenum	95-1	1921.50	1876.29	1890.22	1896.01	1.22	ppb
Molybdenum	96-1	1858.78	1812.03	1862.69	1844.50	1.53	ppb
Molybdenum	97-1	1880.70	1813.64	1915.62	1869.99	2.77	ppb
Molybdenum	98-1	1881.35	1828.50	1921.69	1877.18	2.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.42	24.45	25.09	24.99	1.98	ppb
Phosphorus	31-2	96495.16	97085.64	96666.24	96749.01	0.31	ppb
Potassium	39-2	96779.47	93890.73	95953.68	95541.30	1.56	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				106		%
Scandium	45-2				102		%
Selenium	82-1	18.60	18.97	19.51	19.03	2.43	ppb
Selenium	77-2	27.03	24.14	23.61	24.93	7.37	ppb
Selenium	78-2	19.85	22.61	20.40	20.95	6.97	ppb
Silicon	28-1	11.51	12.36	10.42	11.43	8.53	ppb
Silver	107-1	18.74	18.79	19.69	19.08	2.81	ppb
Silver	109-1	18.02	18.12	19.35	18.49	4.02	ppb
Sodium	23-2	97808.42	98142.60	100931.56	98960.86	1.73	ppb
Strontium	86-1	33.71	32.99	35.02	33.91	3.04	ppb
Strontium	88-1	34.16	33.31	33.89	33.79	1.28	ppb
Sulfur	34-1	91165.61	90589.30	90887.72	90880.88	0.32	ppb
Terbium	159-1				109		%
Terbium	159-2				105		%
Thallium	203-1	19.78	19.02	18.82	19.21	2.64	ppb
Thallium	205-1	20.81	19.51	19.37	19.90	3.98	ppb
Tin	118-1	0.17	0.12	0.21	0.17	26.18	ppb

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : ICSAB076 Instrumnet Name : P8  
 Client Sample ID : ICSAB076 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 14:18:38 DataFile Name : 017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2046.83	1938.92	1931.89	1972.55	3.27	ppb
Uranium	238-1	0.02	0.02	0.01	0.02	20.94	ppb
Vanadium	51-2	19.49	19.60	19.75	19.62	0.68	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	30.71	31.06	29.55	30.44	2.60	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	16.88	ppb
Zirconium	91-1	0.04	0.04	0.04	0.04	13.14	ppb

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : CCV034 Instrumnet Name : P8  
 Client Sample ID : CCV034 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 14:26:59 DataFile Name : 019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49391.01	50947.68	50377.22	50238.64	1.57	ppb
Antimony	121-1	478.70	478.69	483.16	480.18	0.54	ppb
Arsenic	75-2	496.25	489.72	507.87	497.95	1.85	ppb
Barium	135-1	2502.34	2422.61	2465.56	2463.51	1.62	ppb
Barium	137-1	2514.74	2435.08	2380.55	2443.46	2.76	ppb
Beryllium	9-1	469.69	502.23	495.23	489.05	3.50	ppb
Bismuth	209-1				104		%
Bismuth	209-2				96		%
Boron	10-1	479.28	528.85	535.50	514.54	5.97	ppb
Boron	11-1	463.55	517.56	526.00	502.37	6.74	ppb
Bromine	81-1						cps
Cadmium	111-1	497.03	482.72	476.63	485.46	2.16	ppb
Cadmium	106-1	504.53	485.97	484.93	491.81	2.24	ppb
Cadmium	108-1	491.70	469.33	467.19	476.07	2.85	ppb
Calcium	43-1	247136.04	244314.06	245416.78	245622.29	0.58	ppb
Calcium	44-1	247580.20	245425.08	245669.65	246224.98	0.48	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	488.44	493.23	488.12	489.93	0.58	ppb
Cobalt	59-2	500.34	504.04	512.76	505.71	1.26	ppb
Copper	63-2	4801.53	4869.58	4946.23	4872.44	1.49	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				108		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				95		%
Iron	54-2	122075.27	124731.81	125016.50	123941.19	1.31	ppb
Iron	56-2	123595.65	124564.78	128943.36	125701.26	2.27	ppb
Iron	57-2	123330.30	128403.95	126830.63	126188.29	2.06	ppb

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : CCV034 Instrumnet Name : P8  
 Client Sample ID : CCV034 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 14:26:59 DataFile Name : 019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2312.64	2465.63	2305.39	2361.22	3.83	ppb
Lead	207-1	2380.94	2474.31	2353.11	2402.79	2.64	ppb
Lead	208-1	2362.78	2450.90	2358.51	2390.73	2.18	ppb
Lithium	6-1				99		%
Magnesium	24-2	250299.41	254166.08	251443.03	251969.51	0.79	ppb
Manganese	55-2	4862.40	5073.34	4970.97	4968.91	2.12	ppb
Molybdenum	94-1	5098.00	5192.63	5282.89	5191.18	1.78	ppb
Molybdenum	95-1	5274.91	5193.54	5300.10	5256.18	1.06	ppb
Molybdenum	96-1	5253.80	5143.64	5325.23	5240.89	1.75	ppb
Molybdenum	97-1	5104.80	5090.26	5303.46	5166.18	2.31	ppb
Molybdenum	98-1	5211.25	5124.63	5233.42	5189.77	1.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	485.14	493.44	499.09	492.56	1.42	ppb
Phosphorus	31-2	9641.36	10026.30	9358.05	9675.24	3.47	ppb
Potassium	39-2	122448.13	123062.09	125450.41	123653.54	1.28	ppb
Rhodium	103-1				97		%
Rhodium	103-2				93		%
Scandium	45-1				103		%
Scandium	45-2				97		%
Selenium	82-1	480.85	477.09	486.56	481.50	0.99	ppb
Selenium	77-2	514.62	524.45	505.81	514.96	1.81	ppb
Selenium	78-2	508.90	495.64	499.64	501.39	1.36	ppb
Silicon	28-1	526.12	584.69	580.12	563.64	5.78	ppb
Silver	107-1	513.58	495.78	494.85	501.40	2.11	ppb
Silver	109-1	505.57	498.56	474.94	493.02	3.26	ppb
Sodium	23-2	245235.42	250274.42	249799.25	248436.36	1.12	ppb
Strontium	86-1	4672.67	4694.14	4865.07	4743.96	2.22	ppb
Strontium	88-1	4772.48	4641.00	4782.17	4731.88	1.67	ppb
Sulfur	34-1	11638.24	10434.89	9953.30	10675.48	8.13	ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	472.80	490.20	470.70	477.90	2.24	ppb
Thallium	205-1	463.07	497.68	461.28	474.01	4.33	ppb
Tin	118-1	492.81	479.73	488.56	487.04	1.37	ppb



LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : CCV034 Instrumnet Name : P8  
 Client Sample ID : CCV034 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 14:26:59 DataFile Name : 019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5235.20	5356.73	5099.81	5230.58	2.46	ppb
Uranium	238-1	477.86	492.46	491.07	487.13	1.65	ppb
Vanadium	51-2	488.47	494.12	499.70	494.10	1.14	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	4759.45	4949.95	4832.16	4847.19	1.98	ppb
Zirconium	90-1	478.80	475.37	474.91	476.36	0.45	ppb
Zirconium	91-1	476.70	475.92	473.31	475.31	0.37	ppb

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : CCB034 Instrumnet Name : P8  
 Client Sample ID : CCB034 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 14:38:11 DataFile Name : 020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.47	0.64	1.12	0.75	45.31	ppb
Antimony	121-1	0.04	0.06	0.06	0.06	27.57	ppb
Arsenic	75-2	-0.01	-0.01	0.00	-0.01		ppb
Barium	135-1	0.01	0.02	0.03	0.02	28.83	ppb
Barium	137-1	0.03	0.01	0.02	0.02	58.41	ppb
Beryllium	9-1	0.04	0.02	0.03	0.03	39.26	ppb
Bismuth	209-1				100		%
Bismuth	209-2				97		%
Boron	10-1	19.89	18.16	17.77	18.61	6.07	ppb
Boron	11-1	19.87	19.25	18.20	19.11	4.40	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.39	-0.32	-0.41	-0.37		ppb
Cadmium	106-1	-5.17	-4.96	-5.65	-5.26		ppb
Cadmium	108-1	0.02	-0.18	-0.06	-0.07		ppb
Calcium	43-1	-1.63	-0.04	-0.67	-0.78		ppb
Calcium	44-1	6.45	5.43	6.83	6.23	11.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.00	-0.01	0.00	832.64	ppb
Cobalt	59-2	0.00	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.08	0.11	0.05	0.08	31.51	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				103		%
Holmium	165-2				96		%
Indium	115-1				100		%
Indium	115-2				95		%
Iron	54-2	0.49	-0.64	1.27	0.37	255.84	ppb
Iron	56-2	0.70	0.76	0.93	0.80	15.29	ppb
Iron	57-2	-0.58	0.05	-0.06	-0.20		ppb

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : CCB034 Instrumnet Name : P8  
 Client Sample ID : CCB034 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 14:38:11 DataFile Name : 020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.10	0.08	0.08	0.09	14.47	ppb
Lead	207-1	0.10	0.06	0.09	0.09	22.61	ppb
Lead	208-1	0.08	0.07	0.07	0.07	6.08	ppb
Lithium	6-1				100		%
Magnesium	24-2	1.43	1.69	1.87	1.66	13.21	ppb
Manganese	55-2	-0.01	0.00	0.03	0.01	264.14	ppb
Molybdenum	94-1	0.11	0.13	0.11	0.11	9.41	ppb
Molybdenum	95-1	0.11	0.10	0.07	0.09	21.06	ppb
Molybdenum	96-1	0.08	0.12	0.11	0.10	19.38	ppb
Molybdenum	97-1	0.13	0.14	0.14	0.14	2.91	ppb
Molybdenum	98-1	0.11	0.10	0.09	0.10	10.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.00	0.03	0.01	344.98	ppb
Phosphorus	31-2	-52.43	0.18	-0.59	-17.61		ppb
Potassium	39-2	1.79	-1.53	8.23	2.83	175.28	ppb
Rhodium	103-1				100		%
Rhodium	103-2				96		%
Scandium	45-1				101		%
Scandium	45-2				94		%
Selenium	82-1	0.41	1.12	0.38	0.64	65.92	ppb
Selenium	77-2	1.00	0.00	0.00	0.33	173.21	ppb
Selenium	78-2	0.93	0.84	1.31	1.03	24.46	ppb
Silicon	28-1	-7.82	-10.04	-6.94	-8.26		ppb
Silver	107-1	0.02	0.02	0.00	0.01	77.09	ppb
Silver	109-1	0.01	0.02	0.01	0.02	49.78	ppb
Sodium	23-2	15.76	17.04	18.33	17.04	7.54	ppb
Strontium	86-1	0.08	0.07	0.00	0.05	92.18	ppb
Strontium	88-1	0.04	0.06	0.05	0.05	13.95	ppb
Sulfur	34-1	-1610.80	-1576.11	-1346.59	-1511.17		ppb
Terbium	159-1				101		%
Terbium	159-2				95		%
Thallium	203-1	0.03	0.05	0.03	0.03	35.29	ppb
Thallium	205-1	0.04	0.02	0.03	0.03	40.92	ppb
Tin	118-1	0.01	0.01	0.03	0.01	104.37	ppb

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : CCB034 Instrumnet Name : P8  
 Client Sample ID : CCB034 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 14:38:11 DataFile Name : 020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.02	0.16	0.04	0.07	108.94	ppb
Uranium	238-1	0.00	0.00	0.01	0.00	131.31	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	118.93	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				96		%
Zinc	66-2	-0.09	-0.05	-0.25	-0.13		ppb
Zirconium	90-1	0.02	0.00	0.01	0.01	64.74	ppb
Zirconium	91-1	0.02	0.02	0.01	0.02	32.22	ppb

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : PB141016BL Instrumnet Name : P8  
 Client Sample ID : PBS016 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 14:41:34 DataFile Name : 021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.15	0.25	0.10	0.06	313.81	ppb
Antimony	121-1	0.01	0.03	0.03	0.02	33.84	ppb
Arsenic	75-2	-0.02	-0.01	0.00	-0.01		ppb
Barium	135-1	-0.01	0.00	0.02	0.00	444.85	ppb
Barium	137-1	0.01	0.01	0.00	0.00	181.55	ppb
Beryllium	9-1	0.02	0.01	0.02	0.01	22.88	ppb
Bismuth	209-1				98		%
Bismuth	209-2				98		%
Boron	10-1	19.91	18.23	16.38	18.17	9.73	ppb
Boron	11-1	19.24	17.74	17.08	18.02	6.13	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.25	-0.17	-0.15	-0.19		ppb
Cadmium	106-1	-3.48	-2.24	-1.95	-2.55		ppb
Cadmium	108-1	-0.04	0.07	0.09	0.04	178.15	ppb
Calcium	43-1	-3.06	-1.53	-2.80	-2.46		ppb
Calcium	44-1	4.71	6.64	4.90	5.41	19.68	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	-0.01	0.01	0.01	225.11	ppb
Cobalt	59-2	-0.01	0.00	-0.01	-0.01		ppb
Copper	63-2	0.04	0.01	0.08	0.04	85.27	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				101		%
Holmium	165-2				99		%
Indium	115-1				98		%
Indium	115-2				97		%
Iron	54-2	0.13	-0.24	0.31	0.07	413.73	ppb
Iron	56-2	0.55	0.39	0.29	0.41	32.27	ppb
Iron	57-2	0.58	-0.60	0.62	0.20	347.64	ppb

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : PB141016BL Instrumnet Name : P8  
 Client Sample ID : PBS016 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 14:41:34 DataFile Name : 021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.06	0.05	0.08	0.06	27.65	ppb
Lead	207-1	0.12	0.09	0.07	0.09	28.95	ppb
Lead	208-1	0.07	0.05	0.05	0.06	17.18	ppb
Lithium	6-1				98		%
Magnesium	24-2	1.31	0.35	0.40	0.69	78.33	ppb
Manganese	55-2	-0.03	0.02	-0.01	-0.01		ppb
Molybdenum	94-1	0.03	0.03	0.01	0.02	56.71	ppb
Molybdenum	95-1	0.05	0.04	0.03	0.04	24.32	ppb
Molybdenum	96-1	0.06	0.03	0.04	0.04	37.40	ppb
Molybdenum	97-1	0.04	0.02	0.03	0.03	35.08	ppb
Molybdenum	98-1	0.04	0.02	0.02	0.03	29.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	0.00	-0.01	-0.01		ppb
Phosphorus	31-2	-32.46	-10.77	-32.00	-25.08		ppb
Potassium	39-2	-5.02	7.68	12.87	5.18	177.80	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	82-1	-0.18	0.48	-0.13	0.06	640.08	ppb
Selenium	77-2	0.00	1.01	1.03	0.68	86.62	ppb
Selenium	78-2	1.11	2.42	0.84	1.45	57.99	ppb
Silicon	28-1	-6.71	-3.80	-6.25	-5.59		ppb
Silver	107-1	0.00	0.00	0.01	0.00	142.16	ppb
Silver	109-1	0.01	0.01	0.00	0.01	68.41	ppb
Sodium	23-2	17.78	10.58	11.73	13.36	28.95	ppb
Strontium	86-1	0.06	0.10	0.03	0.07	54.11	ppb
Strontium	88-1	0.01	0.01	0.00	0.01	48.64	ppb
Sulfur	34-1	-958.72	-489.84	-930.54	-793.04		ppb
Terbium	159-1				96		%
Terbium	159-2				98		%
Thallium	203-1	0.04	0.03	0.04	0.03	19.93	ppb
Thallium	205-1	0.03	0.04	0.04	0.04	7.12	ppb
Tin	118-1	0.02	0.02	0.06	0.03	69.24	ppb

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : PB141016BL Instrumnet Name : P8  
 Client Sample ID : PBS016 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 14:41:34 DataFile Name : 021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.06	-0.05	0.01	0.01	901.38	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		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				97		%
Yttrium	89-2				98		%
Zinc	66-2	-0.22	0.00	0.02	-0.07		ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	3926.82	ppb
Zirconium	91-1	0.00	0.03	0.00	0.01	178.81	ppb

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : PB141016BS Instrumnet Name : P8  
 Client Sample ID : LCS016 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 14:44:39 DataFile Name : 022LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38.73	38.34	34.23	37.10	6.73	ppb
Antimony	121-1	3.56	3.81	3.76	3.71	3.59	ppb
Arsenic	75-2	1.89	2.16	1.82	1.96	9.32	ppb
Barium	135-1	17.98	18.74	18.65	18.46	2.23	ppb
Barium	137-1	18.34	18.83	18.84	18.67	1.54	ppb
Beryllium	9-1	2.02	1.92	2.00	1.98	2.68	ppb
Bismuth	209-1				102		%
Bismuth	209-2				97		%
Boron	10-1	52.18	58.07	56.67	55.64	5.54	ppb
Boron	11-1	51.27	55.93	57.29	54.83	5.76	ppb
Bromine	81-1						cps
Cadmium	111-1	1.49	1.66	1.68	1.61	6.50	ppb
Cadmium	106-1	-2.69	-2.86	-1.36	-2.30		ppb
Cadmium	108-1	1.50	1.85	1.73	1.69	10.47	ppb
Calcium	43-1	898.16	934.01	902.61	911.59	2.14	ppb
Calcium	44-1	919.06	953.43	908.18	926.89	2.55	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.58	4.15	3.62	3.78	8.34	ppb
Cobalt	59-2	1.91	2.07	1.87	1.95	5.42	ppb
Copper	63-2	3.90	4.24	3.88	4.01	5.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				95		%
Indium	115-1				101		%
Indium	115-2				97		%
Iron	54-2	419.86	453.08	401.14	424.69	6.19	ppb
Iron	56-2	415.84	457.64	414.57	429.35	5.71	ppb
Iron	57-2	407.90	449.27	411.74	422.97	5.40	ppb



LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : PB141016BS Instrumnet Name : P8  
 Client Sample ID : LCS016 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 14:44:39 DataFile Name : 022LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.83	1.75	1.82	1.80	2.64	ppb
Lead	207-1	1.86	1.75	1.96	1.85	5.65	ppb
Lead	208-1	1.74	1.73	1.81	1.76	2.65	ppb
Lithium	6-1				98		%
Magnesium	24-2	974.29	1027.12	993.04	998.15	2.68	ppb
Manganese	55-2	1.97	2.08	1.85	1.96	5.88	ppb
Molybdenum	94-1	10.99	11.21	11.11	11.10	0.96	ppb
Molybdenum	95-1	9.29	9.57	9.59	9.48	1.75	ppb
Molybdenum	96-1	9.60	9.68	9.65	9.64	0.44	ppb
Molybdenum	97-1	9.31	9.62	10.00	9.65	3.61	ppb
Molybdenum	98-1	9.18	9.63	9.19	9.33	2.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.83	2.05	1.97	1.95	5.91	ppb
Phosphorus	31-2	-6.19	57.62	59.11	36.85	101.17	ppb
Potassium	39-2	927.20	1013.39	888.97	943.19	6.76	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				96		%
Selenium	82-1	9.39	9.59	8.94	9.31	3.54	ppb
Selenium	77-2	8.11	10.83	7.87	8.94	18.39	ppb
Selenium	78-2	9.32	11.60	11.55	10.83	12.03	ppb
Silicon	28-1	10.51	17.05	8.94	12.17	35.36	ppb
Silver	107-1	1.75	1.88	1.93	1.85	4.93	ppb
Silver	109-1	1.88	1.93	1.86	1.89	1.81	ppb
Sodium	23-2	953.94	1037.60	941.94	977.83	5.33	ppb
Strontium	86-1	1.76	1.99	1.98	1.91	6.73	ppb
Strontium	88-1	1.88	1.87	1.89	1.88	0.42	ppb
Sulfur	34-1	-982.18	-405.98	-1447.28	-945.15		ppb
Terbium	159-1				102		%
Terbium	159-2				98		%
Thallium	203-1	1.87	1.88	1.79	1.84	2.76	ppb
Thallium	205-1	1.85	1.88	1.81	1.85	1.87	ppb
Tin	118-1	9.14	9.92	9.41	9.49	4.20	ppb

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : PB141016BS Instrumnet Name : P8  
 Client Sample ID : LCS016 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 14:44:39 DataFile Name : 022LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	9.65	9.50	9.70	9.62	1.08	ppb
Uranium	238-1	1.77	1.71	1.74	1.74	1.54	ppb
Vanadium	51-2	9.06	10.16	9.29	9.50	6.08	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				97		%
Zinc	66-2	10.22	10.63	10.39	10.41	1.95	ppb
Zirconium	90-1	1.77	1.86	1.83	1.82	2.27	ppb
Zirconium	91-1	1.74	1.78	1.92	1.81	5.24	ppb

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : M4778-01 Instrumnet Name : P8  
 Client Sample ID : H0AP3 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 14:47:41 DataFile Name : 023AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12937.36	13205.69	12890.98	13011.34	1.31	ppb
Antimony	121-1	0.95	0.91	0.96	0.94	2.92	ppb
Arsenic	75-2	14.50	13.84	14.10	14.15	2.35	ppb
Barium	135-1	380.50	381.12	385.03	382.22	0.64	ppb
Barium	137-1	396.44	397.23	391.31	394.99	0.81	ppb
Beryllium	9-1	1.04	1.10	1.09	1.08	2.98	ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Boron	10-1	25.65	27.05	28.93	27.21	6.05	ppb
Boron	11-1	26.42	27.50	29.37	27.76	5.37	ppb
Bromine	81-1						cps
Cadmium	111-1	1.26	1.26	1.18	1.23	3.76	ppb
Cadmium	106-1	-0.87	-1.03	-1.18	-1.03		ppb
Cadmium	108-1	1.82	1.85	1.49	1.72	11.39	ppb
Calcium	43-1	126520.93	131929.89	135975.18	131475.33	3.61	ppb
Calcium	44-1	128621.21	131186.19	136376.92	132061.44	2.99	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.26	19.62	19.41	19.43	0.93	ppb
Cobalt	59-2	12.45	13.04	12.83	12.77	2.35	ppb
Copper	63-2	30.98	31.29	31.28	31.18	0.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	54-2	32683.68	33718.31	33545.57	33315.85	1.66	ppb
Iron	56-2	33845.14	33712.56	33350.17	33635.96	0.76	ppb
Iron	57-2	33127.27	33388.74	32841.35	33119.12	0.83	ppb

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : M4778-01 Instrumnet Name : P8  
 Client Sample ID : H0AP3 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 14:47:41 DataFile Name : 023AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	25.57	24.84	25.70	25.37	1.82	ppb
Lead	207-1	23.97	24.03	23.41	23.80	1.44	ppb
Lead	208-1	24.06	24.38	24.50	24.31	0.93	ppb
Lithium	6-1				102		%
Magnesium	24-2	8947.36	9017.85	8893.75	8952.99	0.70	ppb
Manganese	55-2	472.95	484.19	472.66	476.60	1.38	ppb
Molybdenum	94-1	4.70	4.95	5.13	4.93	4.39	ppb
Molybdenum	95-1	3.19	2.97	3.35	3.17	6.08	ppb
Molybdenum	96-1	3.57	3.64	3.47	3.56	2.40	ppb
Molybdenum	97-1	3.18	3.12	3.11	3.14	1.08	ppb
Molybdenum	98-1	3.14	3.16	3.17	3.16	0.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.42	26.58	25.85	25.95	2.25	ppb
Phosphorus	31-2	1744.19	1926.04	1805.95	1825.39	5.07	ppb
Potassium	39-2	3825.10	3913.64	3828.02	3855.59	1.30	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				107		%
Scandium	45-2				105		%
Selenium	82-1	1.47	1.76	1.85	1.69	11.68	ppb
Selenium	77-2	48.03	32.55	29.83	36.81	26.67	ppb
Selenium	78-2	6.80	6.73	5.99	6.51	6.89	ppb
Silicon	28-1	3138.80	3095.74	3227.25	3153.93	2.13	ppb
Silver	107-1	0.34	0.31	0.33	0.33	4.48	ppb
Silver	109-1	0.33	0.29	0.36	0.33	10.08	ppb
Sodium	23-2	300.76	317.61	313.00	310.45	2.81	ppb
Strontium	86-1	238.88	245.96	245.51	243.45	1.63	ppb
Strontium	88-1	237.95	238.69	244.09	240.24	1.40	ppb
Sulfur	34-1	-1470.97	-1371.94	-1016.37	-1286.43		ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	0.44	0.47	0.44	0.45	3.55	ppb
Thallium	205-1	0.44	0.44	0.50	0.46	7.24	ppb
Tin	118-1	1.05	1.00	1.03	1.03	2.13	ppb

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : M4778-01 Instrumnet Name : P8  
 Client Sample ID : H0AP3 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 14:47:41 DataFile Name : 023AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	243.31	237.83	253.45	244.86	3.24	ppb
Uranium	238-1	2.27	2.32	2.37	2.32	2.00	ppb
Vanadium	51-2	88.09	91.45	90.09	89.88	1.88	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				108		%
Zinc	66-2	92.56	96.43	94.05	94.35	2.07	ppb
Zirconium	90-1	1.15	1.25	1.25	1.21	4.82	ppb
Zirconium	91-1	1.21	1.31	1.21	1.24	4.93	ppb

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : M4778-02 Instrumnet Name : P8  
 Client Sample ID : H0AP3D Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 14:50:39 DataFile Name : 024AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12715.53	12884.41	13002.46	12867.47	1.12	ppb
Antimony	121-1	0.70	0.84	0.76	0.77	9.63	ppb
Arsenic	75-2	14.53	13.97	14.06	14.18	2.14	ppb
Barium	135-1	379.76	380.60	375.95	378.77	0.66	ppb
Barium	137-1	391.61	392.90	390.81	391.77	0.27	ppb
Beryllium	9-1	1.09	1.03	1.01	1.04	4.10	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	10-1	21.46	23.32	23.34	22.71	4.76	ppb
Boron	11-1	22.05	23.91	23.73	23.23	4.40	ppb
Bromine	81-1						cps
Cadmium	111-1	1.42	1.45	1.21	1.36	10.00	ppb
Cadmium	106-1	0.53	-0.27	-1.48	-0.41		ppb
Cadmium	108-1	1.40	1.18	1.61	1.40	15.38	ppb
Calcium	43-1	131186.81	128967.09	131501.42	130551.77	1.06	ppb
Calcium	44-1	130841.23	128965.93	133635.84	131147.67	1.79	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.03	19.22	19.06	19.10	0.53	ppb
Cobalt	59-2	12.61	12.76	12.71	12.70	0.60	ppb
Copper	63-2	29.36	30.90	29.98	30.08	2.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	54-2	32412.64	32259.01	33442.90	32704.85	1.97	ppb
Iron	56-2	32821.48	34030.13	32374.31	33075.31	2.59	ppb
Iron	57-2	31961.03	32535.74	32250.02	32248.93	0.89	ppb

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : M4778-02 Instrumnet Name : P8  
 Client Sample ID : H0AP3D Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 14:50:39 DataFile Name : 024AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	24.14	25.01	25.72	24.96	3.18	ppb
Lead	207-1	21.59	23.15	24.50	23.08	6.32	ppb
Lead	208-1	22.86	23.80	24.64	23.77	3.74	ppb
Lithium	6-1				106		%
Magnesium	24-2	8532.12	8662.35	8455.12	8549.86	1.23	ppb
Manganese	55-2	459.66	468.96	466.62	465.08	1.04	ppb
Molybdenum	94-1	4.54	4.50	4.70	4.58	2.25	ppb
Molybdenum	95-1	2.96	3.11	3.05	3.04	2.46	ppb
Molybdenum	96-1	3.27	3.56	3.34	3.39	4.51	ppb
Molybdenum	97-1	3.07	3.04	2.96	3.02	1.90	ppb
Molybdenum	98-1	2.94	2.94	3.13	3.00	3.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.38	26.12	25.86	25.79	1.46	ppb
Phosphorus	31-2	1839.58	1886.58	1932.61	1886.26	2.47	ppb
Potassium	39-2	3708.99	3699.24	3745.31	3717.84	0.65	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				107		%
Scandium	45-2				105		%
Selenium	82-1	1.40	0.50	1.72	1.21	52.46	ppb
Selenium	77-2	30.57	30.23	32.72	31.17	4.32	ppb
Selenium	78-2	7.27	7.04	7.95	7.42	6.38	ppb
Silicon	28-1	3383.00	3507.44	3535.59	3475.34	2.34	ppb
Silver	107-1	0.26	0.30	0.27	0.28	7.02	ppb
Silver	109-1	0.29	0.26	0.25	0.26	9.25	ppb
Sodium	23-2	283.95	290.90	285.32	286.73	1.28	ppb
Strontium	86-1	233.87	237.86	238.80	236.84	1.11	ppb
Strontium	88-1	227.80	232.73	236.59	232.38	1.90	ppb
Sulfur	34-1	-1337.36	-1319.89	-1045.23	-1234.16		ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	0.46	0.43	0.51	0.47	8.34	ppb
Thallium	205-1	0.50	0.54	0.59	0.54	7.76	ppb
Tin	118-1	0.98	0.96	0.94	0.96	2.16	ppb

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : M4778-02 Instrumnet Name : P8  
 Client Sample ID : H0AP3D Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 14:50:39 DataFile Name : 024AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	240.11	243.69	244.38	242.73	0.95	ppb
Uranium	238-1	3.50	3.54	3.72	3.59	3.16	ppb
Vanadium	51-2	87.19	88.79	87.76	87.91	0.92	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				105		%
Zinc	66-2	90.05	93.28	89.45	90.93	2.27	ppb
Zirconium	90-1	1.12	1.21	1.13	1.15	4.16	ppb
Zirconium	91-1	1.02	1.30	1.09	1.14	12.53	ppb



LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : M4778-01LX5 Instrumnet Name : P8  
 Client Sample ID : H0AP3L Dilution Factor : 5  
 Date & Time Acquired :: 2021-11-29 14:53:34 DataFile Name : 025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2430.79	2495.81	2409.42	2445.34	1.84	ppb
Antimony	121-1	0.17	0.17	0.16	0.17	2.55	ppb
Arsenic	75-2	2.80	2.91	2.60	2.77	5.70	ppb
Barium	135-1	74.28	71.89	71.73	72.63	1.97	ppb
Barium	137-1	75.59	75.06	73.29	74.65	1.61	ppb
Beryllium	9-1	0.22	0.19	0.22	0.21	7.91	ppb
Bismuth	209-1				102		%
Bismuth	209-2				103		%
Boron	10-1	12.86	13.14	13.45	13.15	2.21	ppb
Boron	11-1	13.18	12.91	13.37	13.15	1.76	ppb
Bromine	81-1						cps
Cadmium	111-1	0.04	-0.10	0.21	0.05	308.61	ppb
Cadmium	106-1	-2.97	-5.11	-1.20	-3.10		ppb
Cadmium	108-1	0.40	0.02	0.40	0.27	80.45	ppb
Calcium	43-1	23792.68	24794.99	24753.32	24447.00	2.32	ppb
Calcium	44-1	24458.35	24815.55	24742.15	24672.02	0.76	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.86	3.76	3.63	3.75	3.14	ppb
Cobalt	59-2	2.28	2.44	2.38	2.37	3.40	ppb
Copper	63-2	6.14	6.45	6.03	6.21	3.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				101		%
Iron	54-2	6206.64	6336.14	6129.66	6224.15	1.68	ppb
Iron	56-2	6354.32	6352.63	6150.62	6285.86	1.86	ppb
Iron	57-2	6204.24	6274.71	6081.73	6186.89	1.58	ppb

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : M4778-01LX5 Instrumnet Name : P8  
 Client Sample ID : H0AP3L Dilution Factor : 5  
 Date & Time Acquired :: 2021-11-29 14:53:34 DataFile Name : 025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4.95	4.63	4.97	4.85	3.98	ppb
Lead	207-1	4.65	4.35	4.65	4.55	3.81	ppb
Lead	208-1	4.65	4.47	4.82	4.65	3.76	ppb
Lithium	6-1				103		%
Magnesium	24-2	1653.92	1687.79	1611.01	1650.91	2.33	ppb
Manganese	55-2	91.98	91.94	89.48	91.13	1.57	ppb
Molybdenum	94-1	1.05	0.80	0.89	0.91	14.40	ppb
Molybdenum	95-1	0.71	0.60	0.62	0.64	8.87	ppb
Molybdenum	96-1	0.63	0.73	0.75	0.70	9.19	ppb
Molybdenum	97-1	0.67	0.60	0.61	0.63	5.87	ppb
Molybdenum	98-1	0.60	0.62	0.62	0.61	1.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.08	5.13	4.74	4.98	4.21	ppb
Phosphorus	31-2	333.74	381.77	399.46	371.65	9.15	ppb
Potassium	39-2	719.39	750.10	698.29	722.59	3.61	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				104		%
Scandium	45-2				101		%
Selenium	82-1	-0.53	0.21	-0.72	-0.35		ppb
Selenium	77-2	6.68	2.94	8.79	6.14	48.33	ppb
Selenium	78-2	1.57	2.32	2.66	2.18	25.57	ppb
Silicon	28-1	567.01	594.79	581.96	581.26	2.39	ppb
Silver	107-1	0.08	0.04	0.05	0.06	33.43	ppb
Silver	109-1	0.06	0.07	0.08	0.07	18.32	ppb
Sodium	23-2	78.44	79.61	78.55	78.87	0.82	ppb
Strontium	86-1	46.52	44.57	46.74	45.95	2.60	ppb
Strontium	88-1	46.62	46.36	46.68	46.55	0.37	ppb
Sulfur	34-1	-1666.10	-1158.68	-1098.52	-1307.77		ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	0.17	0.15	0.17	0.16	6.70	ppb
Thallium	205-1	0.19	0.19	0.17	0.19	5.37	ppb
Tin	118-1	0.25	0.23	0.19	0.22	14.03	ppb

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : M4778-01LX5 Instrumnet Name : P8  
 Client Sample ID : H0AP3L Dilution Factor : 5  
 Date & Time Acquired :: 2021-11-29 14:53:34 DataFile Name : 025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	44.36	46.28	46.81	45.82	2.81	ppb
Uranium	238-1	0.46	0.45	0.44	0.45	1.64	ppb
Vanadium	51-2	17.02	17.24	16.40	16.89	2.56	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	18.17	18.77	18.45	18.47	1.63	ppb
Zirconium	90-1	0.23	0.24	0.21	0.23	6.52	ppb
Zirconium	91-1	0.25	0.22	0.27	0.25	10.11	ppb

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : M4778-03 Instrumnet Name : P8  
 Client Sample ID : H0AP3S Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 14:56:35 DataFile Name : 026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13958.33	14192.58	14033.64	14061.52	0.85	ppb
Antimony	121-1	9.93	9.86	11.17	10.32	7.15	ppb
Arsenic	75-2	22.85	23.18	23.84	23.29	2.15	ppb
Barium	135-1	776.83	789.53	861.78	809.38	5.66	ppb
Barium	137-1	817.77	803.90	892.02	837.90	5.65	ppb
Beryllium	9-1	11.88	11.72	11.89	11.83	0.80	ppb
Bismuth	209-1				102		%
Bismuth	209-2				103		%
Boron	10-1	18.83	19.51	21.38	19.91	6.62	ppb
Boron	11-1	19.84	19.54	19.84	19.74	0.89	ppb
Bromine	81-1						cps
Cadmium	111-1	11.25	11.90	13.42	12.19	9.12	ppb
Cadmium	106-1	6.56	6.37	12.52	8.48	41.22	ppb
Cadmium	108-1	10.38	10.60	11.05	10.68	3.19	ppb
Calcium	43-1	133193.30	136586.72	140212.79	136664.27	2.57	ppb
Calcium	44-1	136692.75	138095.80	138826.65	137871.73	0.79	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	60.26	61.52	60.26	60.68	1.19	ppb
Cobalt	59-2	115.51	118.56	117.55	117.21	1.33	ppb
Copper	63-2	80.95	80.87	81.66	81.16	0.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				106		%
Indium	115-1				105		%
Indium	115-2				102		%
Iron	54-2	34058.99	34362.12	34018.48	34146.53	0.55	ppb
Iron	56-2	33994.89	34147.21	34657.95	34266.69	1.01	ppb
Iron	57-2	33367.55	33601.46	33843.28	33604.10	0.71	ppb

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : M4778-03 Instrumnet Name : P8  
 Client Sample ID : H0AP3S Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 14:56:35 DataFile Name : 026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	28.85	29.28	29.52	29.22	1.16	ppb
Lead	207-1	27.76	28.71	28.04	28.17	1.74	ppb
Lead	208-1	27.84	28.65	28.77	28.42	1.78	ppb
Lithium	6-1				106		%
Magnesium	24-2	9293.52	9370.49	9083.76	9249.26	1.60	ppb
Manganese	55-2	589.41	605.39	589.38	594.73	1.55	ppb
Molybdenum	94-1	5.55	5.32	5.90	5.59	5.27	ppb
Molybdenum	95-1	2.96	3.10	3.29	3.12	5.22	ppb
Molybdenum	96-1	3.72	3.44	3.69	3.62	4.23	ppb
Molybdenum	97-1	3.36	3.44	2.97	3.26	7.69	ppb
Molybdenum	98-1	3.17	3.13	3.26	3.19	2.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	131.98	132.40	131.82	132.07	0.23	ppb
Phosphorus	31-2	1945.26	2008.59	1910.58	1954.81	2.54	ppb
Potassium	39-2	3877.26	3904.91	3949.61	3910.59	0.93	ppb
Rhodium	103-1				104		%
Rhodium	103-2				101		%
Scandium	45-1				108		%
Scandium	45-2				105		%
Selenium	82-1	18.65	18.46	18.67	18.59	0.64	ppb
Selenium	77-2	41.09	41.30	55.79	46.06	18.30	ppb
Selenium	78-2	24.46	26.87	24.83	25.39	5.11	ppb
Silicon	28-1	3902.30	4124.13	4102.46	4042.96	3.03	ppb
Silver	107-1	12.66	13.55	14.68	13.63	7.44	ppb
Silver	109-1	12.99	13.02	14.64	13.55	6.97	ppb
Sodium	23-2	307.76	319.29	321.70	316.25	2.36	ppb
Strontium	86-1	250.34	251.35	251.58	251.09	0.26	ppb
Strontium	88-1	243.33	245.38	250.69	246.47	1.54	ppb
Sulfur	34-1	-1357.40	-1316.55	-934.84	-1202.93		ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	10.41	10.64	10.51	10.52	1.11	ppb
Thallium	205-1	10.50	10.61	11.09	10.74	2.93	ppb
Tin	118-1	0.74	0.78	0.90	0.80	10.34	ppb

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : M4778-03 Instrumnet Name : P8  
 Client Sample ID : H0AP3S Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 14:56:35 DataFile Name : 026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	228.58	237.71	232.62	232.97	1.96	ppb
Uranium	238-1	2.71	2.71	2.66	2.70	0.99	ppb
Vanadium	51-2	190.62	193.88	193.87	192.79	0.98	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	199.36	204.04	206.16	203.18	1.71	ppb
Zirconium	90-1	1.45	1.48	1.54	1.49	3.28	ppb
Zirconium	91-1	1.48	1.38	1.52	1.46	4.78	ppb

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : M4778-04 Instrumnet Name : P8  
 Client Sample ID : H0AP4 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 14:59:30 DataFile Name : 027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12591.00	13200.29	12507.39	12766.23	2.96	ppb
Antimony	121-1	1.47	1.65	1.56	1.56	5.73	ppb
Arsenic	75-2	22.25	23.69	22.29	22.74	3.61	ppb
Barium	135-1	273.31	292.57	280.65	282.17	3.44	ppb
Barium	137-1	281.15	294.03	280.97	285.38	2.63	ppb
Beryllium	9-1	0.99	1.04	1.03	1.02	2.23	ppb
Bismuth	209-1				102		%
Bismuth	209-2				106		%
Boron	10-1	15.14	17.11	16.16	16.14	6.09	ppb
Boron	11-1	16.29	16.98	16.75	16.67	2.11	ppb
Bromine	81-1						cps
Cadmium	111-1	2.48	2.49	2.46	2.48	0.60	ppb
Cadmium	106-1	1.92	1.31	1.59	1.61	18.98	ppb
Cadmium	108-1	2.77	2.57	2.43	2.59	6.47	ppb
Calcium	43-1	69271.62	77734.35	72872.67	73292.88	5.79	ppb
Calcium	44-1	72030.19	75782.53	72261.86	73358.19	2.87	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	20.24	21.05	20.22	20.51	2.30	ppb
Cobalt	59-2	12.10	12.39	11.88	12.12	2.12	ppb
Copper	63-2	44.45	46.34	44.03	44.94	2.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				108		%
Indium	115-1				102		%
Indium	115-2				104		%
Iron	54-2	33160.80	34034.35	31598.87	32931.34	3.75	ppb
Iron	56-2	32673.25	34276.28	31837.65	32929.06	3.76	ppb
Iron	57-2	31608.41	33766.08	32076.18	32483.55	3.49	ppb

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : M4778-04 Instrumnet Name : P8  
 Client Sample ID : H0AP4 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 14:59:30 DataFile Name : 027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	139.21	141.74	135.40	138.78	2.30	ppb
Lead	207-1	139.09	137.98	131.21	136.09	3.13	ppb
Lead	208-1	136.92	140.70	132.50	136.71	3.00	ppb
Lithium	6-1				108		%
Magnesium	24-2	7685.05	8045.11	7565.64	7765.27	3.21	ppb
Manganese	55-2	516.48	533.45	503.00	517.64	2.95	ppb
Molybdenum	94-1	4.45	4.79	4.71	4.65	3.84	ppb
Molybdenum	95-1	2.63	2.66	2.61	2.63	0.91	ppb
Molybdenum	96-1	3.09	3.21	3.06	3.12	2.51	ppb
Molybdenum	97-1	2.71	2.81	2.76	2.76	1.92	ppb
Molybdenum	98-1	2.61	2.75	2.56	2.64	3.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	23.93	24.83	23.81	24.19	2.31	ppb
Phosphorus	31-2	1919.49	1931.75	1820.14	1890.46	3.24	ppb
Potassium	39-2	3441.48	3597.99	3401.28	3480.25	2.99	ppb
Rhodium	103-1				103		%
Rhodium	103-2				105		%
Scandium	45-1				106		%
Scandium	45-2				108		%
Selenium	82-1	1.48	1.17	1.29	1.32	11.89	ppb
Selenium	77-2	36.92	32.48	32.70	34.03	7.35	ppb
Selenium	78-2	7.41	7.19	5.46	6.69	15.95	ppb
Silicon	28-1	2206.67	2322.46	2312.90	2280.67	2.82	ppb
Silver	107-1	0.58	0.53	0.50	0.54	6.99	ppb
Silver	109-1	0.61	0.61	0.59	0.60	1.57	ppb
Sodium	23-2	298.93	303.45	296.13	299.50	1.23	ppb
Strontium	86-1	167.67	176.62	167.28	170.52	3.10	ppb
Strontium	88-1	169.52	179.52	169.78	172.94	3.30	ppb
Sulfur	34-1	-1616.70	-804.83	-1019.74	-1147.09		ppb
Terbium	159-1				106		%
Terbium	159-2				107		%
Thallium	203-1	0.53	0.56	0.44	0.51	11.57	ppb
Thallium	205-1	0.50	0.55	0.53	0.53	5.19	ppb
Tin	118-1	2.50	2.73	2.56	2.60	4.70	ppb



LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : M4778-04 Instrumnet Name : P8  
 Client Sample ID : H0AP4 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 14:59:30 DataFile Name : 027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	228.55	239.66	232.24	233.48	2.42	ppb
Uranium	238-1	2.83	2.87	2.70	2.80	3.21	ppb
Vanadium	51-2	66.05	69.13	65.39	66.86	2.99	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				110		%
Zinc	66-2	214.67	224.11	211.89	216.89	2.95	ppb
Zirconium	90-1	1.30	1.42	1.35	1.36	4.48	ppb
Zirconium	91-1	1.26	1.23	1.24	1.24	1.28	ppb

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : M4778-05 Instrumnet Name : P8  
 Client Sample ID : H0AP5 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 15:02:28 DataFile Name : 028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14718.75	14659.57	14881.90	14753.41	0.78	ppb
Antimony	121-1	1.71	1.72	1.78	1.74	2.18	ppb
Arsenic	75-2	21.41	22.74	22.41	22.18	3.12	ppb
Barium	135-1	417.25	424.82	445.36	429.14	3.39	ppb
Barium	137-1	423.61	428.22	449.07	433.63	3.13	ppb
Beryllium	9-1	1.39	1.33	1.42	1.38	3.38	ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Boron	10-1	20.71	21.38	22.24	21.44	3.58	ppb
Boron	11-1	20.31	20.84	22.52	21.22	5.44	ppb
Bromine	81-1						cps
Cadmium	111-1	2.84	2.81	2.97	2.87	2.99	ppb
Cadmium	106-1	3.26	3.36	2.74	3.12	10.65	ppb
Cadmium	108-1	2.30	2.47	2.57	2.45	5.60	ppb
Calcium	43-1	109859.71	118044.98	119010.03	115638.24	4.35	ppb
Calcium	44-1	112251.60	116733.85	121201.45	116728.97	3.83	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	22.42	21.48	22.41	22.10	2.44	ppb
Cobalt	59-2	14.48	14.43	14.48	14.46	0.22	ppb
Copper	63-2	57.29	57.89	58.51	57.90	1.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				104		%
Indium	115-1				106		%
Indium	115-2				102		%
Iron	54-2	34010.86	33774.04	33970.85	33918.58	0.37	ppb
Iron	56-2	33624.52	34079.72	33593.32	33765.86	0.81	ppb
Iron	57-2	33349.74	33015.20	33471.24	33278.73	0.71	ppb

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : M4778-05 Instrumnet Name : P8  
 Client Sample ID : H0AP5 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 15:02:28 DataFile Name : 028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	184.12	188.71	190.76	187.86	1.81	ppb
Lead	207-1	180.68	179.50	189.42	183.20	2.96	ppb
Lead	208-1	180.02	182.19	189.75	183.99	2.78	ppb
Lithium	6-1				107		%
Magnesium	24-2	8708.01	8803.74	9050.19	8853.98	1.99	ppb
Manganese	55-2	652.23	661.49	658.90	657.54	0.73	ppb
Molybdenum	94-1	5.30	5.69	5.81	5.60	4.79	ppb
Molybdenum	95-1	3.09	3.01	3.25	3.12	3.89	ppb
Molybdenum	96-1	3.44	3.52	3.83	3.60	5.72	ppb
Molybdenum	97-1	3.20	3.25	3.11	3.18	2.09	ppb
Molybdenum	98-1	3.00	2.97	3.17	3.04	3.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	30.00	30.12	29.65	29.92	0.82	ppb
Phosphorus	31-2	2278.17	2390.88	2341.76	2336.94	2.42	ppb
Potassium	39-2	3768.70	3789.33	3866.60	3808.21	1.36	ppb
Rhodium	103-1				106		%
Rhodium	103-2				102		%
Scandium	45-1				110		%
Scandium	45-2				107		%
Selenium	82-1	1.32	1.73	2.42	1.82	30.46	ppb
Selenium	77-2	35.90	41.63	35.16	37.56	9.43	ppb
Selenium	78-2	9.69	10.20	8.30	9.40	10.42	ppb
Silicon	28-1	2236.76	2293.51	2360.87	2297.05	2.70	ppb
Silver	107-1	0.96	0.93	0.98	0.95	2.73	ppb
Silver	109-1	0.89	0.96	1.00	0.95	6.03	ppb
Sodium	23-2	442.46	441.95	453.44	445.95	1.46	ppb
Strontium	86-1	261.43	269.23	274.01	268.22	2.37	ppb
Strontium	88-1	253.87	261.38	267.95	261.07	2.70	ppb
Sulfur	34-1	-1590.99	-1193.07	-614.24	-1132.77		ppb
Terbium	159-1				106		%
Terbium	159-2				107		%
Thallium	203-1	0.57	0.56	0.59	0.57	3.10	ppb
Thallium	205-1	0.58	0.58	0.59	0.58	1.18	ppb
Tin	118-1	10.20	10.38	10.56	10.38	1.75	ppb

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : M4778-05 Instrumnet Name : P8  
 Client Sample ID : H0AP5 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 15:02:28 DataFile Name : 028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	220.97	221.18	236.73	226.29	3.99	ppb
Uranium	238-1	2.50	2.52	2.74	2.59	5.22	ppb
Vanadium	51-2	83.57	83.27	84.99	83.94	1.09	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				109		%
Zinc	66-2	326.30	323.66	330.27	326.74	1.02	ppb
Zirconium	90-1	1.56	1.67	1.64	1.63	3.58	ppb
Zirconium	91-1	1.55	1.65	1.60	1.60	3.09	ppb

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : M4778-06 Instrumnet Name : P8  
 Client Sample ID : H0AP6 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 15:05:23 DataFile Name : 029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15806.88	15793.55	15901.59	15834.01	0.37	ppb
Antimony	121-1	1.71	1.65	1.65	1.67	2.10	ppb
Arsenic	75-2	25.00	24.80	25.16	24.99	0.74	ppb
Barium	135-1	476.16	470.29	458.14	468.20	1.96	ppb
Barium	137-1	494.97	468.42	468.34	477.24	3.22	ppb
Beryllium	9-1	1.53	1.34	1.47	1.45	6.82	ppb
Bismuth	209-1				105		%
Bismuth	209-2				104		%
Boron	10-1	20.90	21.95	24.40	22.42	8.01	ppb
Boron	11-1	21.78	22.30	24.13	22.74	5.44	ppb
Bromine	81-1						cps
Cadmium	111-1	4.07	3.69	3.57	3.78	6.82	ppb
Cadmium	106-1	4.26	0.89	1.06	2.07	91.87	ppb
Cadmium	108-1	3.39	3.87	3.65	3.64	6.52	ppb
Calcium	43-1	96497.04	92092.83	94504.84	94364.90	2.34	ppb
Calcium	44-1	93943.29	91077.18	94204.35	93074.94	1.86	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	25.00	25.10	24.65	24.91	0.95	ppb
Cobalt	59-2	14.33	14.07	14.64	14.35	1.99	ppb
Copper	63-2	80.41	81.83	81.33	81.19	0.89	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	54-2	37823.51	36934.18	37454.05	37403.92	1.19	ppb
Iron	56-2	37370.96	38760.02	37960.39	38030.46	1.83	ppb
Iron	57-2	38294.74	39771.53	39338.61	39134.96	1.94	ppb

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : M4778-06 Instrumnet Name : P8  
 Client Sample ID : H0AP6 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 15:05:23 DataFile Name : 029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	320.71	314.33	315.68	316.90	1.06	ppb
Lead	207-1	323.37	304.20	300.70	309.42	3.94	ppb
Lead	208-1	326.47	314.72	315.70	318.96	2.04	ppb
Lithium	6-1				106		%
Magnesium	24-2	8528.70	8623.50	8464.42	8538.87	0.94	ppb
Manganese	55-2	850.41	863.53	853.95	855.96	0.79	ppb
Molybdenum	94-1	5.90	5.88	5.74	5.84	1.45	ppb
Molybdenum	95-1	2.72	2.94	2.92	2.86	4.26	ppb
Molybdenum	96-1	3.34	3.43	3.40	3.39	1.32	ppb
Molybdenum	97-1	2.97	3.06	3.00	3.01	1.57	ppb
Molybdenum	98-1	2.82	2.87	2.77	2.82	1.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	33.30	33.31	32.59	33.07	1.25	ppb
Phosphorus	31-2	2649.92	2573.67	2661.61	2628.40	1.82	ppb
Potassium	39-2	3918.67	3977.53	3957.05	3951.08	0.76	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				107		%
Scandium	45-2				105		%
Selenium	82-1	2.01	1.70	2.27	1.99	14.31	ppb
Selenium	77-2	47.93	31.41	24.04	34.46	35.51	ppb
Selenium	78-2	8.59	7.30	7.80	7.90	8.21	ppb
Silicon	28-1	4039.59	3940.69	4088.78	4023.02	1.87	ppb
Silver	107-1	1.51	1.47	1.49	1.49	1.25	ppb
Silver	109-1	1.55	1.49	1.55	1.53	1.98	ppb
Sodium	23-2	394.32	411.21	407.88	404.47	2.21	ppb
Strontium	86-1	243.43	244.88	242.75	243.68	0.45	ppb
Strontium	88-1	239.97	241.70	239.26	240.31	0.52	ppb
Sulfur	34-1	-1065.20	-1374.58	-804.05	-1081.28		ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	0.59	0.62	0.56	0.59	5.77	ppb
Thallium	205-1	0.57	0.52	0.57	0.55	5.48	ppb
Tin	118-1	8.44	8.53	8.50	8.49	0.50	ppb

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : M4778-06 Instrumnet Name : P8  
 Client Sample ID : H0AP6 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 15:05:23 DataFile Name : 029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	236.35	229.28	241.00	235.55	2.51	ppb
Uranium	238-1	2.56	2.48	2.64	2.56	3.23	ppb
Vanadium	51-2	77.36	78.12	79.56	78.35	1.42	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				108		%
Zinc	66-2	590.29	587.03	587.31	588.21	0.31	ppb
Zirconium	90-1	1.77	1.83	1.91	1.84	3.85	ppb
Zirconium	91-1	1.87	1.80	1.99	1.89	5.01	ppb

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : M4778-07 Instrumnet Name : P8  
 Client Sample ID : H0AP7 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 15:08:19 DataFile Name : 030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16552.77	16546.75	16643.60	16581.04	0.33	ppb
Antimony	121-1	1.44	1.32	1.52	1.43	7.17	ppb
Arsenic	75-2	42.24	42.42	42.20	42.28	0.28	ppb
Barium	135-1	421.75	417.28	444.06	427.70	3.35	ppb
Barium	137-1	431.55	433.50	467.40	444.15	4.54	ppb
Beryllium	9-1	1.47	1.27	1.47	1.40	7.93	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Boron	10-1	13.34	13.21	14.42	13.66	4.86	ppb
Boron	11-1	13.92	13.44	15.28	14.21	6.72	ppb
Bromine	81-1						cps
Cadmium	111-1	4.88	4.82	5.31	5.00	5.37	ppb
Cadmium	106-1	4.56	6.06	4.83	5.15	15.53	ppb
Cadmium	108-1	4.63	5.23	4.55	4.80	7.81	ppb
Calcium	43-1	55090.68	53646.15	60279.56	56338.80	6.19	ppb
Calcium	44-1	55009.18	53982.66	60997.04	56662.96	6.69	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	22.26	22.66	22.08	22.33	1.32	ppb
Cobalt	59-2	13.92	13.96	13.72	13.86	0.90	ppb
Copper	63-2	70.57	70.67	70.83	70.69	0.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				104		%
Indium	115-1				106		%
Indium	115-2				103		%
Iron	54-2	35186.39	35466.30	35515.54	35389.41	0.50	ppb
Iron	56-2	35137.89	35963.33	35039.23	35380.15	1.43	ppb
Iron	57-2	34536.94	35245.71	36396.39	35393.01	2.65	ppb



LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : M4778-07 Instrumnet Name : P8  
 Client Sample ID : H0AP7 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 15:08:19 DataFile Name : 030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	375.21	356.69	391.85	374.58	4.70	ppb
Lead	207-1	370.25	358.95	378.45	369.22	2.65	ppb
Lead	208-1	373.36	364.92	392.79	377.02	3.79	ppb
Lithium	6-1				107		%
Magnesium	24-2	8864.81	8716.02	8504.92	8695.25	2.08	ppb
Manganese	55-2	679.38	682.93	676.57	679.62	0.47	ppb
Molybdenum	94-1	5.46	5.41	5.70	5.52	2.81	ppb
Molybdenum	95-1	2.51	2.26	2.42	2.39	5.37	ppb
Molybdenum	96-1	3.01	2.74	3.09	2.95	6.20	ppb
Molybdenum	97-1	2.34	2.25	2.41	2.34	3.38	ppb
Molybdenum	98-1	2.39	2.29	2.57	2.41	5.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	30.29	30.33	30.25	30.29	0.13	ppb
Phosphorus	31-2	2036.05	1943.59	2040.71	2006.78	2.73	ppb
Potassium	39-2	3215.06	3289.37	3289.93	3264.79	1.32	ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				109		%
Scandium	45-2				106		%
Selenium	82-1	1.97	0.82	1.48	1.42	40.76	ppb
Selenium	77-2	29.32	30.13	34.60	31.35	9.06	ppb
Selenium	78-2	7.61	8.14	8.75	8.17	6.98	ppb
Silicon	28-1	3978.69	3896.56	4309.99	4061.75	5.39	ppb
Silver	107-1	1.05	1.04	1.17	1.08	6.72	ppb
Silver	109-1	1.07	1.11	1.12	1.10	2.74	ppb
Sodium	23-2	356.53	350.11	344.28	350.31	1.75	ppb
Strontium	86-1	149.83	153.29	163.20	155.44	4.46	ppb
Strontium	88-1	151.85	149.07	164.79	155.24	5.40	ppb
Sulfur	34-1	-1657.46	-2062.13	-365.40	-1361.66		ppb
Terbium	159-1				105		%
Terbium	159-2				106		%
Thallium	203-1	0.61	0.60	0.60	0.60	0.92	ppb
Thallium	205-1	0.58	0.55	0.68	0.60	11.64	ppb
Tin	118-1	3.42	3.42	3.51	3.45	1.58	ppb

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : M4778-07 Instrumnet Name : P8  
 Client Sample ID : H0AP7 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 15:08:19 DataFile Name : 030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	198.42	185.70	223.61	202.58	9.52	ppb
Uranium	238-1	2.36	2.27	2.46	2.36	4.07	ppb
Vanadium	51-2	74.74	76.55	75.66	75.65	1.20	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				109		%
Zinc	66-2	394.21	393.59	398.93	395.58	0.74	ppb
Zirconium	90-1	1.87	1.75	2.06	1.89	8.17	ppb
Zirconium	91-1	1.75	1.82	1.93	1.83	4.83	ppb

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : M4778-08 Instrumnet Name : P8  
 Client Sample ID : H0AP8 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 15:11:14 DataFile Name : 031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	26239.34	26697.46	27070.91	26669.24	1.56	ppb
Antimony	121-1	9.47	9.82	9.77	9.69	1.96	ppb
Arsenic	75-2	35.79	34.65	34.00	34.82	2.60	ppb
Barium	135-1	1140.90	1185.07	1178.53	1168.16	2.04	ppb
Barium	137-1	1164.45	1201.23	1215.09	1193.59	2.19	ppb
Beryllium	9-1	3.62	3.57	3.80	3.66	3.33	ppb
Bismuth	209-1				104		%
Bismuth	209-2				104		%
Boron	10-1	96.53	106.06	108.98	103.86	6.27	ppb
Boron	11-1	98.27	105.98	111.21	105.15	6.19	ppb
Bromine	81-1						cps
Cadmium	111-1	6.41	6.67	6.45	6.51	2.16	ppb
Cadmium	106-1	5.99	6.62	6.48	6.36	5.20	ppb
Cadmium	108-1	5.79	7.46	6.54	6.60	12.65	ppb
Calcium	43-1	108978.52	111060.35	111819.44	110619.44	1.33	ppb
Calcium	44-1	109092.15	111939.84	108230.34	109754.11	1.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	39.13	39.27	38.92	39.11	0.44	ppb
Cobalt	59-2	18.21	18.31	18.21	18.24	0.31	ppb
Copper	63-2	206.88	214.02	213.01	211.30	1.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				105		%
Indium	115-1				107		%
Indium	115-2				104		%
Iron	54-2	39113.98	39352.34	38280.05	38915.46	1.45	ppb
Iron	56-2	37666.17	38459.33	39470.70	38532.06	2.35	ppb
Iron	57-2	39043.69	39580.00	39945.84	39523.17	1.15	ppb

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : M4778-08 Instrumnet Name : P8  
 Client Sample ID : H0AP8 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 15:11:14 DataFile Name : 031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2017.57	2066.90	2093.55	2059.34	1.87	ppb
Lead	207-1	1978.75	1978.04	2036.04	1997.61	1.67	ppb
Lead	208-1	1956.04	1993.49	2021.41	1990.31	1.65	ppb
Lithium	6-1				106		%
Magnesium	24-2	7341.54	7559.53	7472.23	7457.77	1.47	ppb
Manganese	55-2	1270.38	1298.73	1293.19	1287.43	1.17	ppb
Molybdenum	94-1	12.66	12.31	13.08	12.69	3.04	ppb
Molybdenum	95-1	5.18	5.10	5.20	5.16	1.10	ppb
Molybdenum	96-1	6.26	5.93	6.43	6.21	4.07	ppb
Molybdenum	97-1	5.13	5.09	5.15	5.12	0.63	ppb
Molybdenum	98-1	5.13	4.98	5.17	5.09	1.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	35.62	35.24	34.93	35.26	0.99	ppb
Phosphorus	31-2	3292.43	3608.61	3519.46	3473.50	4.69	ppb
Potassium	39-2	3431.37	3527.45	3444.14	3467.65	1.50	ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				110		%
Scandium	45-2				107		%
Selenium	82-1	3.05	2.48	3.00	2.84	11.06	ppb
Selenium	77-2	37.90	33.91	33.37	35.06	7.06	ppb
Selenium	78-2	9.84	8.68	8.37	8.96	8.67	ppb
Silicon	28-1	2679.02	2525.87	2575.48	2593.45	3.01	ppb
Silver	107-1	2.31	2.51	2.43	2.42	4.07	ppb
Silver	109-1	2.33	2.32	2.38	2.34	1.30	ppb
Sodium	23-2	2583.00	2584.77	2582.51	2583.43	0.05	ppb
Strontium	86-1	688.23	676.65	693.79	686.22	1.27	ppb
Strontium	88-1	670.57	679.59	687.87	679.34	1.27	ppb
Sulfur	34-1	1891.71	1630.49	1959.70	1827.30	9.51	ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	0.54	0.56	0.46	0.52	10.79	ppb
Thallium	205-1	0.53	0.57	0.52	0.54	4.66	ppb
Tin	118-1	53.83	55.05	56.34	55.07	2.27	ppb

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : M4778-08 Instrumnet Name : P8  
 Client Sample ID : H0AP8 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 15:11:14 DataFile Name : 031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	657.37	636.35	656.04	649.92	1.81	ppb
Uranium	238-1	4.13	4.26	4.20	4.20	1.54	ppb
Vanadium	51-2	93.85	94.47	92.94	93.75	0.82	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				114		%
Yttrium	89-2				111		%
Zinc	66-2	1467.40	1510.04	1511.07	1496.17	1.67	ppb
Zirconium	90-1	4.59	4.42	4.68	4.56	2.91	ppb
Zirconium	91-1	4.52	4.32	4.79	4.54	5.21	ppb

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : M4778-09 Instrumnet Name : P8  
 Client Sample ID : H0AP9 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 15:14:09 DataFile Name : 032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	29020.49	27896.90	27809.77	28242.38	2.39	ppb
Antimony	121-1	10.23	10.32	10.06	10.21	1.33	ppb
Arsenic	75-2	35.25	35.61	35.86	35.57	0.86	ppb
Barium	135-1	1375.87	1315.94	1317.18	1336.33	2.56	ppb
Barium	137-1	1391.09	1316.35	1301.58	1336.34	3.59	ppb
Beryllium	9-1	3.81	4.15	4.09	4.02	4.52	ppb
Bismuth	209-1				105		%
Bismuth	209-2				104		%
Boron	10-1	112.94	120.99	129.02	120.98	6.65	ppb
Boron	11-1	111.83	125.43	129.30	122.19	7.51	ppb
Bromine	81-1						cps
Cadmium	111-1	6.58	6.47	6.07	6.37	4.22	ppb
Cadmium	106-1	5.02	5.78	4.17	4.99	16.14	ppb
Cadmium	108-1	6.49	6.02	6.63	6.38	4.99	ppb
Calcium	43-1	113346.55	115112.20	116816.88	115091.88	1.51	ppb
Calcium	44-1	113629.32	115900.52	117127.89	115552.58	1.54	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	39.17	39.24	38.93	39.11	0.42	ppb
Cobalt	59-2	19.28	19.68	19.61	19.52	1.09	ppb
Copper	63-2	203.79	199.94	204.17	202.63	1.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	54-2	41662.43	40823.94	42042.28	41509.55	1.50	ppb
Iron	56-2	42640.17	40703.46	42144.40	41829.35	2.41	ppb
Iron	57-2	43168.28	42561.67	41622.74	42450.89	1.83	ppb

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : M4778-09 Instrumnet Name : P8  
 Client Sample ID : H0AP9 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 15:14:09 DataFile Name : 032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2137.63	2086.77	2225.94	2150.11	3.28	ppb
Lead	207-1	2103.69	2068.64	2215.07	2129.13	3.59	ppb
Lead	208-1	2093.16	2076.53	2190.53	2120.08	2.90	ppb
Lithium	6-1				106		%
Magnesium	24-2	7885.07	7479.65	7658.14	7674.29	2.65	ppb
Manganese	55-2	1357.40	1350.12	1375.25	1360.93	0.95	ppb
Molybdenum	94-1	13.16	13.51	13.58	13.42	1.71	ppb
Molybdenum	95-1	4.80	4.72	4.82	4.78	1.07	ppb
Molybdenum	96-1	5.97	5.82	6.00	5.93	1.61	ppb
Molybdenum	97-1	4.80	4.53	4.77	4.70	3.08	ppb
Molybdenum	98-1	4.66	4.63	4.78	4.69	1.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	36.84	36.49	37.12	36.82	0.86	ppb
Phosphorus	31-2	3950.37	3553.38	3610.88	3704.88	5.79	ppb
Potassium	39-2	3538.44	3546.88	3611.45	3565.59	1.12	ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				111		%
Scandium	45-2				107		%
Selenium	82-1	3.54	2.91	2.34	2.93	20.57	ppb
Selenium	77-2	24.46	33.10	41.42	32.99	25.70	ppb
Selenium	78-2	10.72	8.85	9.01	9.52	10.88	ppb
Silicon	28-1	3515.56	3501.91	3564.92	3527.46	0.94	ppb
Silver	107-1	2.82	2.99	2.77	2.86	3.93	ppb
Silver	109-1	2.78	2.94	2.87	2.86	2.90	ppb
Sodium	23-2	2776.74	2806.10	2815.18	2799.34	0.72	ppb
Strontium	86-1	748.54	716.96	730.59	732.03	2.16	ppb
Strontium	88-1	729.45	708.99	716.11	718.19	1.45	ppb
Sulfur	34-1	1695.66	1443.78	1863.63	1667.69	12.67	ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	0.48	0.50	0.50	0.49	2.94	ppb
Thallium	205-1	0.48	0.48	0.52	0.49	4.48	ppb
Tin	118-1	70.38	71.01	67.93	69.77	2.33	ppb

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : M4778-09 Instrumnet Name : P8  
 Client Sample ID : H0AP9 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 15:14:09 DataFile Name : 032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	714.24	722.40	736.38	724.34	1.55	ppb
Uranium	238-1	4.42	4.45	4.35	4.41	1.13	ppb
Vanadium	51-2	101.19	98.04	100.60	99.94	1.68	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				113		%
Yttrium	89-2				112		%
Zinc	66-2	1511.28	1521.73	1528.05	1520.35	0.56	ppb
Zirconium	90-1	5.32	5.10	5.21	5.21	2.12	ppb
Zirconium	91-1	5.04	5.03	4.88	4.98	1.82	ppb



LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : M4778-10 Instrumnet Name : P8  
 Client Sample ID : H0AQ0 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 15:17:02 DataFile Name : 033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14365.35	14199.54	13701.59	14088.82	2.45	ppb
Antimony	121-1	3.25	3.22	3.50	3.32	4.58	ppb
Arsenic	75-2	40.77	42.52	40.55	41.28	2.61	ppb
Barium	135-1	455.36	463.36	479.65	466.12	2.66	ppb
Barium	137-1	466.06	470.43	488.37	474.96	2.49	ppb
Beryllium	9-1	1.14	1.17	1.16	1.16	1.45	ppb
Bismuth	209-1				102		%
Bismuth	209-2				106		%
Boron	10-1	27.15	26.92	27.99	27.35	2.05	ppb
Boron	11-1	28.43	27.71	27.21	27.78	2.21	ppb
Bromine	81-1						cps
Cadmium	111-1	9.16	8.43	9.46	9.02	5.90	ppb
Cadmium	106-1	7.88	4.25	6.56	6.23	29.44	ppb
Cadmium	108-1	7.64	9.53	9.06	8.74	11.24	ppb
Calcium	43-1	121271.18	119883.15	117788.50	119647.61	1.47	ppb
Calcium	44-1	118167.92	117221.49	118859.93	118083.11	0.70	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	25.45	25.32	24.92	25.23	1.09	ppb
Cobalt	59-2	13.92	13.71	13.25	13.63	2.52	ppb
Copper	63-2	112.31	113.12	107.76	111.06	2.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				107		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	54-2	43152.62	42149.33	41357.14	42219.70	2.13	ppb
Iron	56-2	42973.85	42787.45	40126.34	41962.55	3.80	ppb
Iron	57-2	43160.28	42972.61	40950.71	42361.20	2.89	ppb

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : M4778-10 Instrumnet Name : P8  
 Client Sample ID : H0AQ0 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 15:17:02 DataFile Name : 033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	466.35	489.30	487.11	480.92	2.63	ppb
Lead	207-1	462.96	481.55	481.78	475.43	2.27	ppb
Lead	208-1	476.08	490.90	489.93	485.64	1.71	ppb
Lithium	6-1				106		%
Magnesium	24-2	7914.04	7848.64	7659.57	7807.42	1.69	ppb
Manganese	55-2	715.46	694.76	673.62	694.61	3.01	ppb
Molybdenum	94-1	6.14	5.96	6.03	6.04	1.45	ppb
Molybdenum	95-1	4.22	4.26	4.19	4.22	0.80	ppb
Molybdenum	96-1	4.57	4.57	4.83	4.66	3.15	ppb
Molybdenum	97-1	4.37	4.01	4.47	4.28	5.68	ppb
Molybdenum	98-1	4.14	4.07	4.26	4.16	2.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	30.86	30.49	29.44	30.27	2.43	ppb
Phosphorus	31-2	2350.99	2058.28	1991.24	2133.51	8.97	ppb
Potassium	39-2	3556.52	3573.99	3422.44	3517.65	2.36	ppb
Rhodium	103-1				105		%
Rhodium	103-2				105		%
Scandium	45-1				107		%
Scandium	45-2				106		%
Selenium	82-1	1.80	1.94	1.93	1.89	4.16	ppb
Selenium	77-2	44.26	39.49	29.91	37.89	19.29	ppb
Selenium	78-2	8.09	6.66	4.79	6.51	25.38	ppb
Silicon	28-1	3801.40	4050.56	3955.90	3935.95	3.20	ppb
Silver	107-1	1.95	1.92	2.08	1.98	4.08	ppb
Silver	109-1	1.87	2.01	2.03	1.97	4.41	ppb
Sodium	23-2	286.23	294.22	277.50	285.98	2.92	ppb
Strontium	86-1	257.74	250.67	268.66	259.02	3.50	ppb
Strontium	88-1	250.08	250.84	260.06	253.66	2.19	ppb
Sulfur	34-1	-906.22	-825.82	-787.27	-839.77		ppb
Terbium	159-1				105		%
Terbium	159-2				106		%
Thallium	203-1	0.68	0.78	0.73	0.73	7.10	ppb
Thallium	205-1	0.72	0.69	0.74	0.71	3.29	ppb
Tin	118-1	7.81	7.52	8.04	7.79	3.33	ppb

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : M4778-10 Instrumnet Name : P8  
 Client Sample ID : H0AQ0 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 15:17:02 DataFile Name : 033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	350.77	346.20	359.40	352.12	1.90	ppb
Uranium	238-1	3.66	3.95	4.05	3.89	5.22	ppb
Vanadium	51-2	91.77	90.49	87.47	89.91	2.46	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				110		%
Zinc	66-2	575.82	571.03	558.38	568.41	1.58	ppb
Zirconium	90-1	1.42	1.42	1.50	1.45	3.30	ppb
Zirconium	91-1	1.44	1.44	1.50	1.46	2.51	ppb

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : M4778-11 Instrumnet Name : P8  
 Client Sample ID : H0AQ1 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 15:19:58 DataFile Name : 034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25670.13	26356.77	27146.65	26391.18	2.80	ppb
Antimony	121-1	3.34	3.47	3.42	3.41	1.89	ppb
Arsenic	75-2	29.95	31.91	33.84	31.90	6.09	ppb
Barium	135-1	939.53	969.51	989.62	966.22	2.61	ppb
Barium	137-1	969.41	978.56	993.05	980.34	1.22	ppb
Beryllium	9-1	2.97	2.98	2.83	2.93	2.83	ppb
Bismuth	209-1				106		%
Bismuth	209-2				101		%
Boron	10-1	69.62	73.56	75.24	72.81	3.96	ppb
Boron	11-1	69.91	72.55	72.64	71.70	2.16	ppb
Bromine	81-1						cps
Cadmium	111-1	7.65	7.95	7.96	7.85	2.21	ppb
Cadmium	106-1	5.51	8.11	5.88	6.50	21.64	ppb
Cadmium	108-1	6.30	6.86	7.72	6.96	10.28	ppb
Calcium	43-1	108057.04	111154.06	107507.09	108906.06	1.81	ppb
Calcium	44-1	106525.41	106103.67	104388.48	105672.52	1.07	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	38.09	38.00	42.04	39.38	5.87	ppb
Cobalt	59-2	20.67	20.50	22.30	21.16	4.69	ppb
Copper	63-2	157.69	156.35	171.86	161.97	5.31	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				112		%
Holmium	165-2				103		%
Indium	115-1				107		%
Indium	115-2				99		%
Iron	54-2	45686.74	45751.39	49114.06	46850.73	4.18	ppb
Iron	56-2	45343.57	45960.01	50609.22	47304.27	6.09	ppb
Iron	57-2	45877.98	45595.18	50717.40	47396.85	6.07	ppb

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : M4778-11 Instrumnet Name : P8  
 Client Sample ID : H0AQ1 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 15:19:58 DataFile Name : 034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	885.79	943.13	893.84	907.59	3.42	ppb
Lead	207-1	898.12	893.36	859.67	883.72	2.37	ppb
Lead	208-1	878.12	888.87	868.25	878.41	1.17	ppb
Lithium	6-1				109		%
Magnesium	24-2	10322.30	10692.36	11317.86	10777.51	4.67	ppb
Manganese	55-2	1705.62	1751.23	1932.48	1796.44	6.68	ppb
Molybdenum	94-1	12.08	12.45	12.99	12.51	3.64	ppb
Molybdenum	95-1	5.49	5.56	5.56	5.54	0.76	ppb
Molybdenum	96-1	6.85	6.70	6.75	6.77	1.13	ppb
Molybdenum	97-1	5.53	5.11	5.62	5.42	4.99	ppb
Molybdenum	98-1	5.19	5.24	5.40	5.28	2.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	46.25	44.92	48.47	46.54	3.85	ppb
Phosphorus	31-2	3738.87	3904.88	4064.13	3902.62	4.17	ppb
Potassium	39-2	6195.72	6374.85	6767.83	6446.13	4.54	ppb
Rhodium	103-1				105		%
Rhodium	103-2				100		%
Scandium	45-1				110		%
Scandium	45-2				103		%
Selenium	82-1	3.14	3.36	2.63	3.04	12.24	ppb
Selenium	77-2	43.71	51.35	49.91	48.32	8.40	ppb
Selenium	78-2	10.72	11.54	11.90	11.39	5.34	ppb
Silicon	28-1	4202.75	4149.02	4224.36	4192.04	0.93	ppb
Silver	107-1	2.26	2.30	2.26	2.27	0.89	ppb
Silver	109-1	2.23	2.44	2.53	2.40	6.60	ppb
Sodium	23-2	1622.69	1632.15	1777.93	1677.59	5.19	ppb
Strontium	86-1	631.39	665.84	674.96	657.40	3.50	ppb
Strontium	88-1	634.95	653.82	658.27	649.01	1.91	ppb
Sulfur	34-1	4430.78	4325.42	4197.15	4317.78	2.71	ppb
Terbium	159-1				108		%
Terbium	159-2				100		%
Thallium	203-1	0.63	0.60	0.63	0.62	2.67	ppb
Thallium	205-1	0.58	0.59	0.56	0.58	2.79	ppb
Tin	118-1	19.32	19.53	19.90	19.58	1.51	ppb

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : M4778-11 Instrumnet Name : P8  
 Client Sample ID : H0AQ1 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 15:19:58 DataFile Name : 034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	623.47	638.28	642.79	634.85	1.59	ppb
Uranium	238-1	4.47	4.61	4.44	4.51	2.03	ppb
Vanadium	51-2	82.00	80.63	88.12	83.58	4.77	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				115		%
Yttrium	89-2				107		%
Zinc	66-2	1137.96	1151.94	1253.56	1181.16	5.34	ppb
Zirconium	90-1	4.23	4.37	4.46	4.36	2.66	ppb
Zirconium	91-1	4.31	4.29	4.40	4.33	1.43	ppb

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : M4778-12 Instrumnet Name : P8  
 Client Sample ID : H0AQ2 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 15:22:51 DataFile Name : 035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16254.04	15532.07	15536.64	15774.25	2.63	ppb
Antimony	121-1	3.18	3.27	3.25	3.23	1.51	ppb
Arsenic	75-2	46.22	43.59	43.89	44.57	3.23	ppb
Barium	135-1	692.64	679.51	698.13	690.09	1.39	ppb
Barium	137-1	714.06	687.51	720.64	707.41	2.48	ppb
Beryllium	9-1	1.79	1.63	1.73	1.72	4.53	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Boron	10-1	38.66	38.21	40.30	39.05	2.82	ppb
Boron	11-1	37.01	37.83	39.03	37.96	2.68	ppb
Bromine	81-1						cps
Cadmium	111-1	9.70	9.51	9.72	9.64	1.20	ppb
Cadmium	106-1	6.38	8.02	8.92	7.77	16.54	ppb
Cadmium	108-1	8.99	8.98	9.26	9.08	1.74	ppb
Calcium	43-1	91923.27	94864.45	95869.53	94219.08	2.18	ppb
Calcium	44-1	91018.68	94110.04	95875.00	93667.91	2.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	25.77	24.25	25.03	25.02	3.05	ppb
Cobalt	59-2	17.37	16.43	16.32	16.71	3.43	ppb
Copper	63-2	124.19	118.12	116.02	119.44	3.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				103		%
Indium	115-1				107		%
Indium	115-2				101		%
Iron	54-2	42209.48	39296.42	39564.07	40356.66	3.99	ppb
Iron	56-2	41101.83	39168.07	38765.65	39678.52	3.15	ppb
Iron	57-2	42671.03	39424.53	39908.67	40668.08	4.31	ppb

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : M4778-12 Instrumnet Name : P8  
 Client Sample ID : H0AQ2 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 15:22:51 DataFile Name : 035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	693.73	716.71	715.09	708.51	1.81	ppb
Lead	207-1	660.27	702.66	711.41	691.45	3.96	ppb
Lead	208-1	664.07	687.36	692.86	681.43	2.24	ppb
Lithium	6-1				107		%
Magnesium	24-2	10346.66	9587.84	9764.80	9899.77	4.01	ppb
Manganese	55-2	1090.28	1049.21	1020.88	1053.46	3.31	ppb
Molybdenum	94-1	10.43	9.82	10.29	10.18	3.14	ppb
Molybdenum	95-1	4.18	4.17	4.28	4.21	1.41	ppb
Molybdenum	96-1	5.22	5.28	5.49	5.33	2.66	ppb
Molybdenum	97-1	4.42	4.31	4.73	4.49	4.94	ppb
Molybdenum	98-1	4.20	4.28	4.46	4.31	3.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	39.19	38.66	36.98	38.27	3.02	ppb
Phosphorus	31-2	2995.89	2671.71	2858.91	2842.17	5.73	ppb
Potassium	39-2	5692.70	5388.59	5427.15	5502.81	3.01	ppb
Rhodium	103-1				105		%
Rhodium	103-2				101		%
Scandium	45-1				108		%
Scandium	45-2				104		%
Selenium	82-1	2.18	1.65	3.11	2.31	32.08	ppb
Selenium	77-2	40.08	42.25	40.48	40.94	2.82	ppb
Selenium	78-2	9.97	7.71	9.55	9.08	13.25	ppb
Silicon	28-1	3953.20	4018.87	4319.98	4097.35	4.77	ppb
Silver	107-1	2.82	2.74	2.68	2.75	2.50	ppb
Silver	109-1	2.84	2.53	2.94	2.77	7.81	ppb
Sodium	23-2	674.73	645.16	654.15	658.01	2.30	ppb
Strontium	86-1	444.48	422.94	452.27	439.90	3.45	ppb
Strontium	88-1	433.38	432.96	437.00	434.45	0.51	ppb
Sulfur	34-1	-421.90	-468.70	5.44	-295.05		ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	0.57	0.53	0.56	0.55	4.23	ppb
Thallium	205-1	0.55	0.59	0.58	0.57	3.95	ppb
Tin	118-1	14.07	13.91	14.21	14.06	1.08	ppb



LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : M4778-12 Instrumnet Name : P8  
 Client Sample ID : H0AQ2 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 15:22:51 DataFile Name : 035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	397.59	398.78	401.64	399.34	0.52	ppb
Uranium	238-1	3.68	3.64	3.70	3.67	0.84	ppb
Vanadium	51-2	67.99	66.07	64.90	66.32	2.35	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				108		%
Zinc	66-2	881.41	849.69	836.88	855.99	2.68	ppb
Zirconium	90-1	3.51	3.46	3.61	3.52	2.20	ppb
Zirconium	91-1	3.49	3.54	3.79	3.61	4.52	ppb

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : M4778-01A Instrumnet Name : P8  
 Client Sample ID : H0AP3A Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 15:30:23 DataFile Name : 036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12584.19	12745.35	12736.00	12688.51	0.71	ppb
Antimony	121-1	5.08	4.81	4.65	4.85	4.48	ppb
Arsenic	75-2	13.48	14.08	14.66	14.07	4.20	ppb
Barium	135-1	386.12	374.68	370.27	377.02	2.17	ppb
Barium	137-1	402.66	377.51	372.93	384.37	4.16	ppb
Beryllium	9-1	1.11	0.96	0.99	1.02	7.49	ppb
Bismuth	209-1				104		%
Bismuth	209-2				104		%
Boron	10-1	17.27	17.77	17.28	17.44	1.64	ppb
Boron	11-1	17.52	17.03	17.92	17.49	2.54	ppb
Bromine	81-1						cps
Cadmium	111-1	1.24	1.12	1.05	1.14	8.43	ppb
Cadmium	106-1	-1.00	-3.41	-2.78	-2.39		ppb
Cadmium	108-1	1.41	0.98	1.22	1.20	18.04	ppb
Calcium	43-1	134207.49	129642.43	130970.53	131606.82	1.78	ppb
Calcium	44-1	132978.96	127629.96	132523.61	131044.18	2.26	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.17	19.40	19.75	19.44	1.50	ppb
Cobalt	59-2	12.50	12.60	12.55	12.55	0.38	ppb
Copper	63-2	31.31	31.82	31.36	31.50	0.89	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				104		%
Indium	115-1				106		%
Indium	115-2				102		%
Iron	54-2	32683.18	33518.50	32812.56	33004.75	1.36	ppb
Iron	56-2	33085.76	32556.02	33500.84	33047.54	1.43	ppb
Iron	57-2	32288.37	32096.81	32625.18	32336.79	0.83	ppb

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : M4778-01A Instrumnet Name : P8  
 Client Sample ID : H0AP3A Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 15:30:23 DataFile Name : 036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	24.95	24.98	26.49	25.48	3.45	ppb
Lead	207-1	23.68	23.76	24.90	24.12	2.83	ppb
Lead	208-1	23.97	24.33	25.19	24.50	2.55	ppb
Lithium	6-1				109		%
Magnesium	24-2	8624.63	8913.07	8711.14	8749.61	1.69	ppb
Manganese	55-2	467.50	465.80	470.65	467.98	0.53	ppb
Molybdenum	94-1	4.63	4.98	4.79	4.80	3.67	ppb
Molybdenum	95-1	3.07	3.13	3.12	3.11	0.97	ppb
Molybdenum	96-1	3.44	3.62	3.52	3.53	2.51	ppb
Molybdenum	97-1	3.02	3.17	3.29	3.16	4.28	ppb
Molybdenum	98-1	2.95	3.07	3.09	3.04	2.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.12	25.61	25.59	25.44	1.07	ppb
Phosphorus	31-2	1899.87	1888.75	1849.33	1879.32	1.41	ppb
Potassium	39-2	3719.25	3815.89	3812.59	3782.58	1.45	ppb
Rhodium	103-1				107		%
Rhodium	103-2				104		%
Scandium	45-1				106		%
Scandium	45-2				104		%
Selenium	82-1	0.72	1.05	1.54	1.10	37.26	ppb
Selenium	77-2	33.96	23.02	27.94	28.31	19.34	ppb
Selenium	78-2	7.72	8.49	7.31	7.84	7.67	ppb
Silicon	28-1	3129.69	3318.47	3065.42	3171.20	4.15	ppb
Silver	107-1	2.68	2.58	2.65	2.64	2.00	ppb
Silver	109-1	2.55	2.65	2.66	2.62	2.23	ppb
Sodium	23-2	299.42	298.58	302.23	300.08	0.64	ppb
Strontium	86-1	234.96	236.09	231.01	234.02	1.14	ppb
Strontium	88-1	235.27	235.89	235.54	235.57	0.13	ppb
Sulfur	34-1	-662.58	-541.45	-1350.48	-851.50		ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	0.39	0.41	0.42	0.41	3.71	ppb
Thallium	205-1	0.41	0.37	0.45	0.41	9.85	ppb
Tin	118-1	0.95	0.84	0.93	0.91	6.58	ppb

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : M4778-01A Instrumnet Name : P8  
 Client Sample ID : H0AP3A Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 15:30:23 DataFile Name : 036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	240.78	248.72	240.26	243.25	1.95	ppb
Uranium	238-1	2.27	2.31	2.33	2.30	1.34	ppb
Vanadium	51-2	88.56	88.83	89.38	88.92	0.47	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				109		%
Zinc	66-2	92.40	93.00	96.12	93.84	2.13	ppb
Zirconium	90-1	1.24	1.24	1.26	1.25	1.06	ppb
Zirconium	91-1	1.23	1.28	1.30	1.27	3.04	ppb

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : CCV035 Instrumnet Name : P8  
 Client Sample ID : CCV035 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 15:35:44 DataFile Name : 037CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50206.72	50482.74	52005.29	50898.25	1.90	ppb
Antimony	121-1	460.43	471.65	455.32	462.47	1.81	ppb
Arsenic	75-2	492.48	486.76	486.09	488.45	0.72	ppb
Barium	135-1	2343.78	2404.36	2365.19	2371.11	1.30	ppb
Barium	137-1	2375.94	2437.30	2366.73	2393.33	1.60	ppb
Beryllium	9-1	471.30	484.07	470.94	475.44	1.57	ppb
Bismuth	209-1				104		%
Bismuth	209-2				96		%
Boron	10-1	438.99	480.35	482.72	467.35	5.26	ppb
Boron	11-1	434.78	486.45	474.11	465.11	5.80	ppb
Bromine	81-1						cps
Cadmium	111-1	455.33	467.45	449.98	457.59	1.96	ppb
Cadmium	106-1	446.50	469.87	457.93	458.10	2.55	ppb
Cadmium	108-1	465.45	480.93	463.65	470.01	2.02	ppb
Calcium	43-1	236751.87	251810.03	236342.48	241634.79	3.65	ppb
Calcium	44-1	245289.26	248675.25	238273.23	244079.25	2.17	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	477.62	485.13	489.71	484.15	1.26	ppb
Cobalt	59-2	491.78	509.84	496.33	499.32	1.88	ppb
Copper	63-2	5164.09	5209.74	5271.03	5214.95	1.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				93		%
Iron	54-2	120932.23	123273.56	124912.46	123039.42	1.63	ppb
Iron	56-2	122051.13	121905.58	124879.47	122945.40	1.36	ppb
Iron	57-2	124994.75	126080.01	126278.16	125784.31	0.55	ppb

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : CCV035 Instrumnet Name : P8  
 Client Sample ID : CCV035 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 15:35:44 DataFile Name : 037CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2513.66	2481.16	2305.06	2433.30	4.61	ppb
Lead	207-1	2426.28	2437.40	2318.59	2394.09	2.74	ppb
Lead	208-1	2409.23	2448.63	2305.04	2387.63	3.11	ppb
Lithium	6-1				105		%
Magnesium	24-2	247209.58	253595.34	256347.52	252384.15	1.86	ppb
Manganese	55-2	4813.96	4797.51	4987.27	4866.25	2.16	ppb
Molybdenum	94-1	4955.14	5209.11	4974.04	5046.10	2.80	ppb
Molybdenum	95-1	4981.87	5272.12	5010.09	5088.03	3.15	ppb
Molybdenum	96-1	5041.56	5245.69	5009.48	5098.91	2.51	ppb
Molybdenum	97-1	4870.58	5255.86	4963.17	5029.87	4.00	ppb
Molybdenum	98-1	4971.92	5393.17	5053.13	5139.41	4.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	473.39	483.80	488.97	482.06	1.65	ppb
Phosphorus	31-2	9495.14	9588.88	9646.34	9576.79	0.80	ppb
Potassium	39-2	120668.62	121646.62	122456.57	121590.60	0.74	ppb
Rhodium	103-1				99		%
Rhodium	103-2				93		%
Scandium	45-1				105		%
Scandium	45-2				94		%
Selenium	82-1	448.55	464.06	450.50	454.37	1.86	ppb
Selenium	77-2	503.33	492.68	457.06	484.36	5.00	ppb
Selenium	78-2	490.28	472.59	470.66	477.85	2.26	ppb
Silicon	28-1	495.26	548.27	551.73	531.75	5.95	ppb
Silver	107-1	474.86	477.23	466.42	472.83	1.20	ppb
Silver	109-1	467.55	484.36	468.24	473.38	2.01	ppb
Sodium	23-2	242859.11	253324.61	256074.45	250752.72	2.78	ppb
Strontium	86-1	4609.07	4727.65	4555.54	4630.75	1.90	ppb
Strontium	88-1	4626.71	4706.58	4594.23	4642.51	1.25	ppb
Sulfur	34-1	11119.23	12413.27	10708.92	11413.81	7.79	ppb
Terbium	159-1				108		%
Terbium	159-2				102		%
Thallium	203-1	507.31	513.72	483.87	501.63	3.13	ppb
Thallium	205-1	503.30	511.88	479.28	498.15	3.39	ppb
Tin	118-1	453.35	496.96	456.23	468.85	5.20	ppb

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : CCV035 Instrumnet Name : P8  
 Client Sample ID : CCV035 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 15:35:44 DataFile Name : 037CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5259.06	5273.82	5133.91	5222.26	1.47	ppb
Uranium	238-1	489.58	508.54	478.24	492.12	3.11	ppb
Vanadium	51-2	481.25	487.73	499.60	489.52	1.90	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				95		%
Zinc	66-2	4937.93	4953.50	5052.73	4981.39	1.25	ppb
Zirconium	90-1	471.47	477.30	462.40	470.39	1.60	ppb
Zirconium	91-1	466.92	462.60	448.34	459.29	2.12	ppb

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : CCB035 Instrumnet Name : P8  
 Client Sample ID : CCB035 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 15:46:41 DataFile Name : 038CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.43	5.17	4.84	5.48	15.32	ppb
Antimony	121-1	0.03	0.06	0.14	0.08	73.92	ppb
Arsenic	75-2	0.01	0.01	0.02	0.01	51.75	ppb
Barium	135-1	0.04	0.14	0.39	0.19	94.26	ppb
Barium	137-1	0.02	0.12	0.37	0.17	104.01	ppb
Beryllium	9-1	0.02	0.03	0.08	0.04	70.50	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Boron	10-1	15.30	14.24	15.30	14.95	4.11	ppb
Boron	11-1	14.88	14.13	15.41	14.81	4.34	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.62	-0.58	-0.46	-0.55		ppb
Cadmium	106-1	-8.14	-7.64	-6.71	-7.50		ppb
Cadmium	108-1	-0.03	-0.03	0.00	-0.02		ppb
Calcium	43-1	0.91	11.98	51.17	21.35	123.67	ppb
Calcium	44-1	0.89	11.43	54.74	22.36	127.65	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.14	0.13	0.18	0.15	16.92	ppb
Cobalt	59-2	0.03	0.01	0.01	0.02	75.02	ppb
Copper	63-2	0.29	0.33	0.30	0.31	6.76	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				104		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				96		%
Iron	54-2	14.15	11.81	11.07	12.34	13.00	ppb
Iron	56-2	12.52	10.86	9.78	11.05	12.48	ppb
Iron	57-2	12.49	11.48	8.36	10.77	19.98	ppb



LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : CCB035 Instrumnet Name : P8  
 Client Sample ID : CCB035 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 15:46:41 DataFile Name : 038CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.11	0.12	0.43	0.22	81.85	ppb
Lead	207-1	0.10	0.15	0.44	0.23	80.00	ppb
Lead	208-1	0.08	0.14	0.40	0.21	82.48	ppb
Lithium	6-1				99		%
Magnesium	24-2	15.27	15.30	15.46	15.35	0.68	ppb
Manganese	55-2	0.34	0.35	0.30	0.33	7.86	ppb
Molybdenum	94-1	0.15	0.21	0.56	0.31	71.53	ppb
Molybdenum	95-1	0.16	0.17	0.48	0.27	68.14	ppb
Molybdenum	96-1	0.14	0.21	0.39	0.25	50.67	ppb
Molybdenum	97-1	0.13	0.21	0.51	0.28	71.12	ppb
Molybdenum	98-1	0.12	0.16	0.49	0.25	79.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.03	0.00	-0.02		ppb
Phosphorus	31-2	-12.13	-46.79	-24.33	-27.75		ppb
Potassium	39-2	-3.09	-3.89	5.61	-0.46		ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				96		%
Scandium	45-2				93		%
Selenium	82-1	0.58	-0.37	-1.13	-0.31		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.64	2.03	0.96	0.78	171.16	ppb
Silicon	28-1	-15.51	-15.79	-3.31	-11.54		ppb
Silver	107-1	0.01	0.01	0.02	0.01	49.87	ppb
Silver	109-1	0.02	0.02	0.03	0.02	19.87	ppb
Sodium	23-2	18.17	16.14	20.66	18.32	12.36	ppb
Strontium	86-1	0.08	0.20	0.61	0.30	93.90	ppb
Strontium	88-1	0.09	0.15	0.49	0.25	87.39	ppb
Sulfur	34-1	-598.88	-821.48	372.53	-349.28		ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	0.01	0.01	0.05	0.02	125.78	ppb
Thallium	205-1	0.02	0.01	0.08	0.03	112.65	ppb
Tin	118-1	-0.05	-0.05	-0.02	-0.04		ppb

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : CCB035 Instrumnet Name : P8  
 Client Sample ID : CCB035 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 15:46:41 DataFile Name : 038CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.11	0.33	0.57	0.34	69.39	ppb
Uranium	238-1	0.01	0.01	0.04	0.02	94.08	ppb
Vanadium	51-2	0.02	0.03	0.02	0.03	19.28	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				96		%
Zinc	66-2	0.21	0.19	0.18	0.19	9.11	ppb
Zirconium	90-1	0.01	0.01	0.04	0.02	65.41	ppb
Zirconium	91-1	0.04	0.01	0.03	0.03	68.35	ppb

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : TUNE Instrumnet Name : P8  
 Client Sample ID : TUNE076 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 12:24:03 DataFile Name : 001SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	191	249	266	235	16.67	cps
Antimony	121-1	600	425	433	486	20.31	cps
Arsenic	75-2	29	35	32	32	9.38	cps
Barium	135-1	100	42	67	69	42.14	cps
Barium	137-1	158	125	125	136	14.14	cps
Beryllium	9-1	288	264	206	253	16.69	cps
Bismuth	209-1	5263637	4124440	4037272	4475116	15.29	cps
Bismuth	209-2	2916911	2908415	2945512	2923613	0.66	cps
Boron	10-1	194	210	198	201	4.15	cps
Boron	11-1	920	900	998	939	5.51	cps
Bromine	81-1	18482	18331	20426	19080	6.12	cps
Cadmium	111-1	5350	4125	4014	4496	16.49	cps
Cadmium	106-1	7636	5985	5651	6424	16.54	cps
Cadmium	108-1	421	354	292	356	18.17	cps
Calcium	43-1	626	570	585	594	4.91	cps
Calcium	44-1	32394	32146	31995	32178	0.63	cps
Carbon	12-1	4057045	4619180	4856677	4510967	9.10	cps
Carbon	12-2	48657	49526	48924	49035	0.91	cps
Chlorine	35-1	2683774	2635904	2599527	2639735	1.60	cps
Chlorine	35-2	16001	14850	15359	15403	3.75	cps
Chromium	52-2	620	540	527	562	8.98	cps
Cobalt	59-2	163	113	100	126	26.60	cps
Copper	63-2	1287	1220	1213	1240	3.27	cps
Dysprosium	156-1	33	8	8	17	86.62	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	67	50	83	67	25.00	cps
Erbium	164-2	30	17	13	20	44.10	cps
Gadolinium	160-1	100	67	125	97	30.10	cps
Gadolinium	160-2	70	63	53	62	13.48	cps
Holmium	165-1	9613943	7541786	7594023	8249917	14.32	cps
Holmium	165-2	4222758	4272853	4276104	4257238	0.70	cps
Indium	115-1	10351293	7702246	7906418	8653319	17.03	cps
Indium	115-2	1336787	1323144	1307794	1322575	1.10	cps
Iron	54-2	767	828	911	835	8.68	cps
Iron	56-2	10182	10437	11021	10547	4.08	cps
Iron	57-2	350	444	350	381	14.29	cps

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : TUNE Instrumnet Name : P8  
 Client Sample ID : TUNE076 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 12:24:03 DataFile Name : 001SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	650	673	690	671	2.99	cps
Lead	206-1	678	489	572	580	16.33	cps
Lead	207-1	472	506	572	517	9.86	cps
Lead	208-1	2600	2045	2406	2350	12.00	cps
Lithium	6-1	4741692	3784266	3657385	4061115	14.60	cps
Magnesium	24-2	733	675	792	733	7.96	cps
Manganese	55-2	137	150	177	154	13.19	cps
Molybdenum	94-1	1050	900	775	908	15.16	cps
Molybdenum	95-1	1008	817	833	886	11.98	cps
Molybdenum	96-1	1492	1333	1008	1278	19.29	cps
Molybdenum	97-1	617	617	600	611	1.57	cps
Molybdenum	98-1	1758	1300	1317	1458	17.83	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	150	177	180	169	9.74	cps
Phosphorus	31-2	183	167	250	200	22.05	cps
Potassium	39-2	18604	17870	17786	18087	2.49	cps
Rhodium	103-1	10175803	7991201	8001403	8722803	14.43	cps
Rhodium	103-2	4061543	3941754	3913295	3972197	1.98	cps
Scandium	45-1	8955437	6878468	6840714	7558206	16.01	cps
Scandium	45-2	211717	211628	209749	211031	0.53	cps
Selenium	82-1	59	7	15	27	105.01	cps
Selenium	77-2	3	0	7	3	100.05	cps
Selenium	78-2	64	43	62	56	20.58	cps
Silicon	28-1	882415	896614	909844	896291	1.53	cps
Silver	107-1	150	200	183	178	14.32	cps
Silver	109-1	125	117	108	117	7.14	cps
Sodium	23-2	12881	12989	12464	12778	2.17	cps
Strontium	86-1	1242	1233	1308	1261	3.26	cps
Strontium	88-1	1400	1183	1283	1289	8.41	cps
Sulfur	34-1	439363	440884	446255	442167	0.82	cps
Terbium	159-1	10966353	8238577	8249239	9151389	17.18	cps
Terbium	159-2	4239159	4268996	4194213	4234123	0.89	cps
Thallium	203-1	3334	2600	2150	2695	22.17	cps
Thallium	205-1	7436	5885	5943	6421	13.69	cps
Tin	118-1	1025	1125	942	1031	8.91	cps

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : TUNE Instrumnet Name : P8  
 Client Sample ID : TUNE076 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 12:24:03 DataFile Name : 001SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	383	450	425	419	8.03	cps
Uranium	238-1	367	217	275	286	26.43	cps
Vanadium	51-2	57	37	53	49	21.91	cps
Ytterbium	172-1	125	83	100	103	20.40	cps
Ytterbium	172-2	39	28	28	31	20.37	cps
Ytterbium	176-1	2250	1667	1475	1797	22.46	cps
Ytterbium	176-2	5123	5751	5290	5388	6.04	cps
Yttrium	89-1	18381662	14640048	14520709	15847473	13.85	cps
Yttrium	89-2	1558474	1543291	1580727	1560831	1.21	cps
Zinc	66-2	413	363	327	368	11.83	cps
Zirconium	90-1	1300	992	1125	1139	13.58	cps
Zirconium	91-1	208	183	192	194	6.55	cps

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : S0 Instrumnet Name : P8  
 Client Sample ID : S0 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 13:13:28 DataFile Name : 005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	101	109	101	8.07	cps
Antimony	121-1	33	42	67	47	36.74	cps
Arsenic	75-2	7	10	8	8	18.33	cps
Barium	135-1	17	42	8	22	78.07	cps
Barium	137-1	17	42	50	36	48.03	cps
Beryllium	9-1	48	50	78	59	28.60	cps
Bismuth	209-1	4028301	4206430	4032307	4089013	2.49	cps
Bismuth	209-2	3004350	2891385	3001611	2965782	2.17	cps
Boron	10-1	218	226	198	214	6.74	cps
Boron	11-1	898	906	834	879	4.49	cps
Bromine	81-1	19654	19193	19163	19337	1.42	cps
Cadmium	111-1	3255	3078	2919	3084	5.46	cps
Cadmium	106-1	4634	4384	4184	4401	5.13	cps
Cadmium	108-1	38	17	50	35	48.49	cps
Calcium	43-1	397	416	411	408	2.38	cps
Calcium	44-1	29269	29795	30585	29883	2.22	cps
Carbon	12-1	4764369	4800258	4925566	4830064	1.75	cps
Carbon	12-2	46466	45153	46450	46023	1.64	cps
Chlorine	35-1	379984	375241	372090	375772	1.06	cps
Chlorine	35-2	2317	2092	2234	2214	5.14	cps
Chromium	52-2	520	467	463	483	6.58	cps
Cobalt	59-2	73	97	77	82	15.35	cps
Copper	63-2	850	840	847	846	0.60	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	7	3	7	6	34.70	cps
Erbium	164-1	42	75	50	56	31.22	cps
Erbium	164-2	27	30	23	27	12.51	cps
Gadolinium	160-1	83	33	75	64	41.93	cps
Gadolinium	160-2	87	63	60	70	20.76	cps
Holmium	165-1	7515775	7520731	7525416	7520641	0.06	cps
Holmium	165-2	4440335	4400510	4447889	4429578	0.57	cps
Indium	115-1	7971989	8208706	7876227	8018974	2.13	cps
Indium	115-2	1373573	1354905	1360826	1363101	0.70	cps
Iron	54-2	522	389	561	491	18.41	cps
Iron	56-2	3384	3000	3128	3171	6.16	cps
Iron	57-2	283	211	228	241	15.71	cps

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : S0 Instrumnet Name : P8  
 Client Sample ID : S0 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 13:13:28 DataFile Name : 005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	763	710	690	721	5.26	cps
Lead	206-1	344	344	378	356	5.41	cps
Lead	207-1	256	278	306	280	8.96	cps
Lead	208-1	1489	1522	1333	1448	6.96	cps
Lithium	6-1	3792655	3599949	3685837	3692814	2.61	cps
Magnesium	24-2	400	575	508	494	17.86	cps
Manganese	55-2	63	83	97	81	20.69	cps
Molybdenum	94-1	275	292	300	289	4.41	cps
Molybdenum	95-1	42	17	17	25	57.73	cps
Molybdenum	96-1	167	233	117	172	33.99	cps
Molybdenum	97-1	25	17	17	19	24.73	cps
Molybdenum	98-1	33	50	100	61	56.78	cps
Neodymium	150-1	7	27	7	13	86.58	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	133	83	110	109	22.98	cps
Phosphorus	31-2	142	200	267	203	30.85	cps
Potassium	39-2	19046	18721	18871	18879	0.86	cps
Rhodium	103-1	7992211	8031697	8078646	8034185	0.54	cps
Rhodium	103-2	4052705	3992617	4173684	4073002	2.26	cps
Scandium	45-1	6865093	7019278	6937077	6940483	1.11	cps
Scandium	45-2	217564	215642	216053	216420	0.47	cps
Selenium	82-1	-45	42	23	7	662.63	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	57	48	38	48	19.95	cps
Silicon	28-1	787186	788905	789402	788498	0.15	cps
Silver	107-1	92	125	158	125	26.67	cps
Silver	109-1	42	83	83	69	34.64	cps
Sodium	23-2	11280	11830	11872	11660	2.83	cps
Strontium	86-1	1100	1050	1175	1108	5.68	cps
Strontium	88-1	117	183	175	158	22.94	cps
Sulfur	34-1	462753	463653	461943	462783	0.18	cps
Terbium	159-1	8318596	8439340	8130181	8296039	1.88	cps
Terbium	159-2	4458215	4283777	4490278	4410757	2.52	cps
Thallium	203-1	317	208	242	256	21.71	cps
Thallium	205-1	583	575	525	561	5.62	cps
Tin	118-1	717	892	808	806	10.87	cps

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : S0 Instrumnet Name : P8  
 Client Sample ID : S0 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 13:13:28 DataFile Name : 005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	283	300	225	269	14.62	cps
Uranium	238-1	33	0	25	19	89.21	cps
Vanadium	51-2	3	10	10	8	49.52	cps
Ytterbium	172-1	42	50	17	36	48.03	cps
Ytterbium	172-2	22	11	17	17	33.33	cps
Ytterbium	176-1	1008	1192	1142	1114	8.51	cps
Ytterbium	176-2	5579	5835	6290	5901	6.11	cps
Yttrium	89-1	14741247	14416254	14645821	14601107	1.14	cps
Yttrium	89-2	1659846	1591398	1628453	1626566	2.11	cps
Zinc	66-2	263	257	340	287	16.15	cps
Zirconium	90-1	833	842	900	858	4.23	cps
Zirconium	91-1	133	175	183	164	16.34	cps



LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : S02 Instrumnet Name : P8  
 Client Sample ID : S02 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 13:19:36 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1025	942	992	987	4.21	cps
Antimony	121-1	9695	9495	10046	9745	2.86	cps
Arsenic	75-2	197	183	186	189	3.91	cps
Barium	135-1	11505	11630	12323	11819	3.73	cps
Barium	137-1	20892	21034	20800	20908	0.56	cps
Beryllium	9-1	1590	1672	1620	1627	2.55	cps
Bismuth	209-1	3892974	4035395	3939764	3956044	1.83	cps
Bismuth	209-2	3020376	2975473	3025576	3007142	0.92	cps
Boron	10-1	3548	3844	3810	3734	4.34	cps
Boron	11-1	16608	17701	18430	17580	5.22	cps
Bromine	81-1	20587	21680	20346	20871	3.41	cps
Cadmium	111-1	4150	4207	4243	4200	1.12	cps
Cadmium	106-1	4176	4509	4568	4418	4.79	cps
Cadmium	108-1	104	167	167	146	24.74	cps
Calcium	43-1	10164	10356	10459	10326	1.45	cps
Calcium	44-1	193595	191823	193005	192808	0.47	cps
Carbon	12-1	4829622	4868642	4830151	4842805	0.46	cps
Carbon	12-2	49124	45630	47218	47324	3.70	cps
Chlorine	35-1	366746	358206	363750	362901	1.19	cps
Chlorine	35-2	2275	2225	2109	2203	3.88	cps
Chromium	52-2	4254	4287	4244	4262	0.53	cps
Cobalt	59-2	3284	3477	3484	3415	3.33	cps
Copper	63-2	6081	5815	5811	5902	2.63	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	67	8	58	44	70.99	cps
Erbium	164-2	37	27	23	29	24.03	cps
Gadolinium	160-1	25	75	33	44	60.28	cps
Gadolinium	160-2	83	93	80	86	8.11	cps
Holmium	165-1	7292861	7532904	8030283	7618683	4.94	cps
Holmium	165-2	4537754	4346129	4501882	4461922	2.28	cps
Indium	115-1	7772853	7921773	7889842	7861489	1.00	cps
Indium	115-2	1406735	1387229	1392565	1395510	0.72	cps
Iron	54-2	4284	4529	4629	4480	3.96	cps
Iron	56-2	74511	73617	73131	73753	0.95	cps
Iron	57-2	2256	1811	1967	2011	11.21	cps

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : S02 Instrumnet Name : P8  
 Client Sample ID : S02 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 13:19:36 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	783	780	690	751	7.05	cps
Lead	206-1	3006	2928	2900	2945	1.86	cps
Lead	207-1	2484	2473	2745	2567	6.00	cps
Lead	208-1	11419	11641	11969	11676	2.37	cps
Lithium	6-1	3792665	3708822	3765079	3755522	1.14	cps
Magnesium	24-2	65699	67365	66602	66555	1.25	cps
Manganese	55-2	1003	1080	963	1016	5.84	cps
Molybdenum	94-1	12473	12998	12514	12662	2.31	cps
Molybdenum	95-1	14942	15134	14959	15011	0.71	cps
Molybdenum	96-1	16602	16377	17011	16663	1.93	cps
Molybdenum	97-1	9904	9562	8811	9426	5.93	cps
Molybdenum	98-1	24055	24481	23754	24097	1.51	cps
Neodymium	150-1	0	0	20	7	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	977	893	853	908	6.93	cps
Phosphorus	31-2	383	308	375	356	11.56	cps
Potassium	39-2	70238	68438	67174	68617	2.24	cps
Rhodium	103-1	8002036	8333020	8272722	8202593	2.15	cps
Rhodium	103-2	4069997	4191519	4107016	4122844	1.51	cps
Scandium	45-1	6569255	6819494	6987981	6792243	3.10	cps
Scandium	45-2	219628	219305	219515	219482	0.07	cps
Selenium	82-1	421	449	513	461	10.29	cps
Selenium	77-2	20	20	10	17	34.64	cps
Selenium	78-2	119	123	106	116	7.66	cps
Silicon	28-1	839184	838598	844429	840737	0.38	cps
Silver	107-1	6302	6118	6177	6199	1.51	cps
Silver	109-1	6077	6193	5743	6004	3.89	cps
Sodium	23-2	139500	139009	138083	138864	0.52	cps
Strontium	86-1	3501	3075	2934	3170	9.31	cps
Strontium	88-1	17879	18262	17420	17854	2.36	cps
Sulfur	34-1	461774	468591	457162	462509	1.24	cps
Terbium	159-1	7872156	8141532	8318015	8110568	2.77	cps
Terbium	159-2	4501209	4450934	4417521	4456554	0.95	cps
Thallium	203-1	3459	3442	3225	3376	3.86	cps
Thallium	205-1	7728	7427	7844	7666	2.81	cps
Tin	118-1	23387	23596	22177	23053	3.32	cps

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : S02 Instrumnet Name : P8  
 Client Sample ID : S02 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 13:19:36 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5693	5968	5351	5671	5.45	cps
Uranium	238-1	9045	8695	8695	8812	2.29	cps
Vanadium	51-2	7399	7445	7535	7460	0.93	cps
Ytterbium	172-1	25	8	17	17	50.01	cps
Ytterbium	172-2	6	11	11	9	34.60	cps
Ytterbium	176-1	1225	900	1050	1058	15.37	cps
Ytterbium	176-2	5624	5979	5796	5800	3.07	cps
Yttrium	89-1	14351370	14525199	14631085	14502551	0.97	cps
Yttrium	89-2	1674961	1664726	1649952	1663213	0.76	cps
Zinc	66-2	883	883	883	883	0.00	cps
Zirconium	90-1	10988	11914	11822	11575	4.41	cps
Zirconium	91-1	2367	2717	2542	2542	6.89	cps

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : S03 Instrumnet Name : P8  
 Client Sample ID : S03 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 13:22:42 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50760	51194	50556	50837	0.64	cps
Antimony	121-1	268933	270942	278732	272869	1.90	cps
Arsenic	75-2	9391	9292	9333	9339	0.53	cps
Barium	135-1	345561	351662	341389	346204	1.49	cps
Barium	137-1	585537	593560	584929	588009	0.82	cps
Beryllium	9-1	84274	84488	85533	84765	0.79	cps
Bismuth	209-1	4138962	3751901	4077846	3989570	5.22	cps
Bismuth	209-2	3001414	2887482	2963231	2950709	1.97	cps
Boron	10-1	7424	8097	8313	7945	5.83	cps
Boron	11-1	35295	37558	39870	37575	6.09	cps
Bromine	81-1	20075	21449	20376	20633	3.50	cps
Cadmium	111-1	75421	75628	73293	74781	1.73	cps
Cadmium	106-1	12681	12406	12139	12409	2.19	cps
Cadmium	108-1	5785	5680	5626	5697	1.41	cps
Calcium	43-1	121973	123473	123470	122972	0.70	cps
Calcium	44-1	1981147	2015006	1978495	1991549	1.02	cps
Carbon	12-1	5050492	5050159	5150088	5083580	1.13	cps
Carbon	12-2	50245	50437	50254	50312	0.22	cps
Chlorine	35-1	359680	360800	355421	358634	0.79	cps
Chlorine	35-2	2434	2092	2200	2242	7.79	cps
Chromium	52-2	103558	103834	103327	103573	0.24	cps
Cobalt	59-2	183982	185294	183834	184370	0.44	cps
Copper	63-2	1432899	1444609	1427750	1435086	0.60	cps
Dysprosium	156-1	8	50	0	19	137.78	cps
Dysprosium	156-2	7	7	7	7	0.00	cps
Erbium	164-1	17	33	50	33	50.00	cps
Erbium	164-2	23	23	17	21	18.21	cps
Gadolinium	160-1	58	67	75	67	12.49	cps
Gadolinium	160-2	90	90	70	83	13.86	cps
Holmium	165-1	7669323	7387659	7599829	7552270	1.94	cps
Holmium	165-2	4563097	4559403	4472642	4531714	1.13	cps
Indium	115-1	8092952	7551056	8070937	7904982	3.88	cps
Indium	115-2	1411367	1389320	1390681	1397123	0.88	cps
Iron	54-2	224839	224396	228777	226004	1.07	cps
Iron	56-2	4048718	4112753	4045934	4069135	0.93	cps
Iron	57-2	98701	100166	98415	99094	0.95	cps

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : S03 Instrumnet Name : P8  
 Client Sample ID : S03 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 13:22:42 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	723	670	683	692	4.01	cps
Lead	206-1	723817	751077	720369	731754	2.30	cps
Lead	207-1	635137	640965	630314	635472	0.84	cps
Lead	208-1	2933903	2926092	2887998	2915998	0.84	cps
Lithium	6-1	3594315	3374033	3776128	3581492	5.62	cps
Magnesium	24-2	781453	774867	768851	775057	0.81	cps
Manganese	55-2	505464	505264	497579	502769	0.89	cps
Molybdenum	94-1	1274198	1278329	1303496	1285341	1.23	cps
Molybdenum	95-1	1831598	1804732	1852924	1829752	1.32	cps
Molybdenum	96-1	2006320	2003161	2048602	2019361	1.26	cps
Molybdenum	97-1	1161060	1147984	1133489	1147511	1.20	cps
Molybdenum	98-1	2857727	3073140	2838364	2923077	4.46	cps
Neodymium	150-1	20	0	13	11	91.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	49887	51021	50901	50603	1.23	cps
Phosphorus	31-2	2967	2775	3284	3009	8.53	cps
Potassium	39-2	318174	312256	309692	313374	1.39	cps
Rhodium	103-1	7937955	7909851	8267416	8038407	2.47	cps
Rhodium	103-2	4092628	4085610	4188946	4122395	1.40	cps
Scandium	45-1	6967631	6567543	6951645	6828939	3.32	cps
Scandium	45-2	219783	221983	217965	219910	0.92	cps
Selenium	82-1	5773	5950	6063	5929	2.46	cps
Selenium	77-2	160	247	167	191	25.24	cps
Selenium	78-2	713	653	673	680	4.49	cps
Silicon	28-1	1032262	1043164	1041395	1038940	0.56	cps
Silver	107-1	368220	365325	367300	366948	0.40	cps
Silver	109-1	353152	358085	345590	352276	1.79	cps
Sodium	23-2	1505590	1499695	1504599	1503295	0.21	cps
Strontium	86-1	1154592	1189521	1172661	1172258	1.49	cps
Strontium	88-1	9905842	10090208	9784915	9926989	1.55	cps
Sulfur	34-1	504772	508133	494501	502469	1.41	cps
Terbium	159-1	8420083	7838139	8481806	8246676	4.31	cps
Terbium	159-2	4431572	4552980	4346206	4443586	2.34	cps
Thallium	203-1	179150	185572	184174	182965	1.85	cps
Thallium	205-1	428602	434176	435772	432850	0.87	cps
Tin	118-1	238163	244679	244480	242441	1.53	cps

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : S03 Instrumnet Name : P8  
 Client Sample ID : S03 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 13:22:42 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	646346	640908	641084	642780	0.48	cps
Uranium	238-1	485557	503028	508055	498880	2.37	cps
Vanadium	51-2	83562	82771	83656	83330	0.58	cps
Ytterbium	172-1	25	25	17	22	21.64	cps
Ytterbium	172-2	17	22	17	19	17.30	cps
Ytterbium	176-1	1875	2000	1875	1917	3.77	cps
Ytterbium	176-2	6185	6246	6441	6290	2.12	cps
Yttrium	89-1	15021175	14073629	14777611	14624138	3.36	cps
Yttrium	89-2	1641471	1631566	1641882	1638306	0.36	cps
Zinc	66-2	149822	147976	151158	149652	1.07	cps
Zirconium	90-1	602938	616237	613413	610863	1.15	cps
Zirconium	91-1	134388	135736	135987	135370	0.64	cps

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : S04 Instrumnet Name : P8  
 Client Sample ID : S04 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 13:25:45 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	124204	123950	121765	123306	1.09	cps
Antimony	121-1	676731	686024	674729	679162	0.89	cps
Arsenic	75-2	23127	23019	22546	22897	1.35	cps
Barium	135-1	876704	883418	871797	877306	0.67	cps
Barium	137-1	1511674	1504334	1520764	1512257	0.54	cps
Beryllium	9-1	212452	215901	214423	214258	0.81	cps
Bismuth	209-1	4181179	4191752	4268035	4213655	1.12	cps
Bismuth	209-2	3007347	3047380	2950657	3001795	1.62	cps
Boron	10-1	18246	19411	20078	19245	4.82	cps
Boron	11-1	88196	92441	96846	92494	4.68	cps
Bromine	81-1	20506	18461	19313	19427	5.29	cps
Cadmium	111-1	181280	178993	181554	180609	0.78	cps
Cadmium	106-1	24172	23220	24255	23883	2.41	cps
Cadmium	108-1	13899	14524	13991	14138	2.39	cps
Calcium	43-1	303285	308640	305045	305657	0.89	cps
Calcium	44-1	4878815	4912886	4788800	4860167	1.32	cps
Carbon	12-1	5180323	5410402	5370999	5320575	2.31	cps
Carbon	12-2	53916	54787	55539	54747	1.48	cps
Chlorine	35-1	353661	352487	354523	353557	0.29	cps
Chlorine	35-2	1917	2092	2050	2020	4.53	cps
Chromium	52-2	254955	251132	248567	251551	1.28	cps
Cobalt	59-2	452034	450621	450689	451115	0.18	cps
Copper	63-2	3566597	3600861	3454194	3540551	2.17	cps
Dysprosium	156-1	33	50	17	33	50.00	cps
Dysprosium	156-2	23	17	23	21	18.21	cps
Erbium	164-1	67	67	67	67	0.00	cps
Erbium	164-2	17	27	13	19	36.75	cps
Gadolinium	160-1	100	92	92	94	5.09	cps
Gadolinium	160-2	97	87	97	93	6.19	cps
Holmium	165-1	8087296	7945288	7978895	8003827	0.93	cps
Holmium	165-2	4722064	4490282	4406236	4539527	3.60	cps
Indium	115-1	8073560	7982389	8235022	8096990	1.58	cps
Indium	115-2	1376883	1384576	1335673	1365711	1.93	cps
Iron	54-2	556551	555267	550132	553983	0.61	cps
Iron	56-2	9748435	9978519	9849806	9858920	1.17	cps
Iron	57-2	245063	248267	240935	244755	1.50	cps

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : S04 Instrumnet Name : P8  
 Client Sample ID : S04 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 13:25:45 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	800	720	713	744	6.48	cps
Lead	206-1	1943439	1935846	1974487	1951258	1.05	cps
Lead	207-1	1714110	1748836	1664216	1709054	2.49	cps
Lead	208-1	7737994	8038249	7906273	7894172	1.91	cps
Lithium	6-1	3596714	3655611	3495280	3582535	2.26	cps
Magnesium	24-2	1901903	1902505	1890594	1898334	0.35	cps
Manganese	55-2	1239320	1240020	1239897	1239746	0.03	cps
Molybdenum	94-1	3122188	3148585	3185288	3152020	1.01	cps
Molybdenum	95-1	4551439	4474543	4523536	4516506	0.86	cps
Molybdenum	96-1	4970285	4920469	4997031	4962595	0.78	cps
Molybdenum	97-1	2811137	2839627	2820677	2823814	0.51	cps
Molybdenum	98-1	7072632	7204405	7209327	7162121	1.08	cps
Neodymium	150-1	47	60	67	58	17.62	cps
Neodymium	150-2	7	3	7	6	34.70	cps
Nickel	60-2	123687	124156	121924	123256	0.96	cps
Phosphorus	31-2	6802	6827	6810	6813	0.19	cps
Potassium	39-2	743210	741699	735717	740208	0.54	cps
Rhodium	103-1	8027778	8144353	8100691	8090941	0.73	cps
Rhodium	103-2	4096759	4129909	4037320	4087996	1.15	cps
Scandium	45-1	7043095	7102083	7048372	7064517	0.46	cps
Scandium	45-2	217601	215688	212147	215145	1.29	cps
Selenium	82-1	14436	14781	14829	14682	1.46	cps
Selenium	77-2	423	447	457	442	3.87	cps
Selenium	78-2	1631	1624	1534	1597	3.39	cps
Silicon	28-1	1370819	1386018	1407598	1388145	1.33	cps
Silver	107-1	955811	938693	930512	941672	1.37	cps
Silver	109-1	890232	899987	889156	893125	0.67	cps
Sodium	23-2	3552166	3563435	3643093	3586231	1.38	cps
Strontium	86-1	2891067	2890888	2937110	2906355	0.92	cps
Strontium	88-1	24690913	24277907	24238907	24402576	1.03	cps
Sulfur	34-1	551627	543589	550888	548701	0.81	cps
Terbium	159-1	8296274	8732070	8535061	8521135	2.56	cps
Terbium	159-2	4569495	4514019	4344764	4476093	2.62	cps
Thallium	203-1	458205	458361	471801	462789	1.69	cps
Thallium	205-1	1092420	1114237	1110781	1105813	1.06	cps
Tin	118-1	608726	620047	607288	612020	1.14	cps



LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : S04 Instrumnet Name : P8  
 Client Sample ID : S04 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 13:25:45 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1594765	1614895	1619404	1609688	0.81	cps
Uranium	238-1	1305469	1314026	1328928	1316141	0.90	cps
Vanadium	51-2	206351	203722	203231	204435	0.82	cps
Ytterbium	172-1	25	8	17	17	50.01	cps
Ytterbium	172-2	0	6	11	6	99.97	cps
Ytterbium	176-1	3359	3384	3334	3359	0.74	cps
Ytterbium	176-2	6630	6735	6958	6774	2.47	cps
Yttrium	89-1	14988577	14636183	14542813	14722524	1.60	cps
Yttrium	89-2	1661721	1622604	1586663	1623663	2.31	cps
Zinc	66-2	372081	367085	365196	368120	0.97	cps
Zirconium	90-1	1567363	1493402	1512813	1524526	2.52	cps
Zirconium	91-1	337673	344239	339051	340321	1.02	cps

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : S05 Instrumnet Name : P8  
 Client Sample ID : S05 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 13:28:50 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	243781	242047	242238	242689	0.39	cps
Antimony	121-1	1349247	1394873	1361058	1368393	1.73	cps
Arsenic	75-2	45451	44263	44321	44678	1.50	cps
Barium	135-1	1699670	1782610	1720138	1734139	2.49	cps
Barium	137-1	2955305	2960483	2977574	2964454	0.39	cps
Beryllium	9-1	412585	412068	415600	413418	0.46	cps
Bismuth	209-1	4278354	4276849	4339607	4298270	0.83	cps
Bismuth	209-2	3144104	2996781	3058731	3066539	2.41	cps
Boron	10-1	36689	40167	41494	39450	6.29	cps
Boron	11-1	174331	181744	194282	183452	5.50	cps
Bromine	81-1	20155	20216	18532	19634	4.87	cps
Cadmium	111-1	358376	362186	353292	357951	1.25	cps
Cadmium	106-1	42291	42926	44122	43113	2.16	cps
Cadmium	108-1	27190	27774	28981	27981	3.26	cps
Calcium	43-1	609223	608943	613995	610721	0.46	cps
Calcium	44-1	9553880	9334872	9640342	9509698	1.66	cps
Carbon	12-1	5529707	5710182	5583198	5607696	1.65	cps
Carbon	12-2	56485	56526	56092	56367	0.43	cps
Chlorine	35-1	341026	337463	348643	342377	1.67	cps
Chlorine	35-2	2042	1959	2075	2025	2.97	cps
Chromium	52-2	499709	501394	497215	499439	0.42	cps
Cobalt	59-2	883415	895846	883037	887433	0.82	cps
Copper	63-2	6966666	6953269	6797098	6905678	1.37	cps
Dysprosium	156-1	100	100	75	92	15.75	cps
Dysprosium	156-2	43	27	30	33	26.45	cps
Erbium	164-1	50	50	17	39	49.48	cps
Erbium	164-2	23	23	57	34	55.89	cps
Gadolinium	160-1	100	100	100	100	0.00	cps
Gadolinium	160-2	53	117	130	100	40.96	cps
Holmium	165-1	8287184	8177482	7986022	8150229	1.87	cps
Holmium	165-2	4701320	4634490	4679523	4671778	0.73	cps
Indium	115-1	8609238	8092935	8163544	8288572	3.38	cps
Indium	115-2	1377553	1370954	1379082	1375863	0.31	cps
Iron	54-2	1075433	1078795	1079013	1077747	0.19	cps
Iron	56-2	19386550	19251207	19430324	19356027	0.48	cps
Iron	57-2	485637	472659	482015	480104	1.39	cps

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : S05 Instrumnet Name : P8  
 Client Sample ID : S05 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 13:28:50 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	697	637	737	690	7.29	cps
Lead	206-1	3854130	3842466	3820905	3839167	0.44	cps
Lead	207-1	3533933	3341578	3367376	3414295	3.06	cps
Lead	208-1	15720929	15254877	15372834	15449546	1.57	cps
Lithium	6-1	3808587	3840054	3914528	3854389	1.41	cps
Magnesium	24-2	3669732	3694157	3698563	3687484	0.42	cps
Manganese	55-2	2436485	2414366	2433657	2428169	0.50	cps
Molybdenum	94-1	6063742	6207800	6347621	6206388	2.29	cps
Molybdenum	95-1	9020134	8945478	9303874	9089829	2.08	cps
Molybdenum	96-1	9844373	9728055	9971820	9848083	1.24	cps
Molybdenum	97-1	5654750	5453446	5455414	5521203	2.09	cps
Molybdenum	98-1	14574840	13943432	14319337	14279203	2.22	cps
Neodymium	150-1	100	107	100	102	3.77	cps
Neodymium	150-2	13	13	20	16	24.76	cps
Nickel	60-2	242742	240671	236893	240102	1.24	cps
Phosphorus	31-2	13448	12898	13006	13117	2.22	cps
Potassium	39-2	1403648	1417655	1417366	1412890	0.57	cps
Rhodium	103-1	8658425	8241811	8104508	8334914	3.46	cps
Rhodium	103-2	4061403	4080656	4122628	4088229	0.77	cps
Scandium	45-1	7250079	7062659	7121479	7144739	1.34	cps
Scandium	45-2	214718	213772	217710	215400	0.95	cps
Selenium	82-1	28504	28940	29289	28911	1.36	cps
Selenium	77-2	863	877	927	889	3.76	cps
Selenium	78-2	3060	3060	3052	3057	0.15	cps
Silicon	28-1	1987954	2033281	2047810	2023015	1.54	cps
Silver	107-1	1864193	1827838	1857516	1849849	1.05	cps
Silver	109-1	1695679	1747900	1798983	1747521	2.96	cps
Sodium	23-2	7139126	7019017	7037430	7065191	0.92	cps
Strontium	86-1	5621436	5762033	5517821	5633763	2.18	cps
Strontium	88-1	47760730	48173079	47898488	47944099	0.44	cps
Sulfur	34-1	638145	648029	649706	645293	0.97	cps
Terbium	159-1	9002661	8698507	8602441	8767870	2.38	cps
Terbium	159-2	4674990	4649533	4481957	4602160	2.28	cps
Thallium	203-1	954791	944064	953616	950824	0.62	cps
Thallium	205-1	2254922	2244032	2254617	2251190	0.28	cps
Tin	118-1	1214335	1183480	1232197	1210004	2.04	cps

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : S05 Instrumnet Name : P8  
 Client Sample ID : S05 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 13:28:50 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3077125	3052172	3125891	3085063	1.22	cps
Uranium	238-1	2565442	2719336	2892291	2725690	6.00	cps
Vanadium	51-2	410134	398833	397126	402031	1.76	cps
Ytterbium	172-1	67	42	42	50	28.87	cps
Ytterbium	172-2	17	6	22	15	57.25	cps
Ytterbium	176-1	5159	4609	5310	5026	7.34	cps
Ytterbium	176-2	8153	8275	8297	8242	0.94	cps
Yttrium	89-1	15650816	15164544	14886178	15233846	2.54	cps
Yttrium	89-2	1637311	1635863	1615267	1629481	0.76	cps
Zinc	66-2	714451	710871	708972	711432	0.39	cps
Zirconium	90-1	3032864	3025610	3016884	3025119	0.26	cps
Zirconium	91-1	667428	661454	666971	665284	0.50	cps

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : S06 Instrumnet Name : P8  
 Client Sample ID : S06 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 13:31:53 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	468227	464866	458828	463974	1.03	cps
Antimony	121-1	2748258	2702073	2639541	2696624	2.02	cps
Arsenic	75-2	85878	84553	84746	85059	0.84	cps
Barium	135-1	3615075	3482660	3316436	3471390	4.31	cps
Barium	137-1	5797496	5941801	5597738	5779012	2.99	cps
Beryllium	9-1	797117	818201	811578	808965	1.33	cps
Bismuth	209-1	4322721	3950239	4724108	4332356	8.93	cps
Bismuth	209-2	2976222	3042295	3074760	3031092	1.66	cps
Boron	10-1	74596	77229	79888	77237	3.43	cps
Boron	11-1	339675	367169	372847	359897	4.93	cps
Bromine	81-1	19003	20216	18822	19347	3.92	cps
Cadmium	111-1	683562	699770	681829	688387	1.44	cps
Cadmium	106-1	80913	80923	80546	80794	0.27	cps
Cadmium	108-1	52408	56545	53495	54149	3.96	cps
Calcium	43-1	1183384	1230047	1197291	1203574	1.99	cps
Calcium	44-1	18793562	19345103	18639706	18926124	1.96	cps
Carbon	12-1	5897051	5925920	6281526	6034832	3.55	cps
Carbon	12-2	62375	61940	63062	62459	0.91	cps
Chlorine	35-1	338301	345109	341912	341774	1.00	cps
Chlorine	35-2	2117	1708	2050	1959	11.19	cps
Chromium	52-2	958044	935379	919557	937660	2.06	cps
Cobalt	59-2	1719468	1696480	1698610	1704853	0.75	cps
Copper	63-2	13209744	12681579	12793268	12894864	2.16	cps
Dysprosium	156-1	133	175	125	144	18.55	cps
Dysprosium	156-2	63	73	70	69	7.39	cps
Erbium	164-1	67	75	75	72	6.66	cps
Erbium	164-2	27	23	30	27	12.51	cps
Gadolinium	160-1	175	142	125	147	17.30	cps
Gadolinium	160-2	110	123	120	118	5.89	cps
Holmium	165-1	8155089	7602253	8584765	8114036	6.07	cps
Holmium	165-2	4587018	4588403	4493773	4556398	1.19	cps
Indium	115-1	8206729	7484682	8659426	8116946	7.30	cps
Indium	115-2	1324578	1337948	1330694	1331073	0.50	cps
Iron	54-2	2150095	2072216	2056539	2092950	2.39	cps
Iron	56-2	36450986	36812213	36497640	36586946	0.54	cps
Iron	57-2	922665	931527	900708	918300	1.73	cps

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : S06 Instrumnet Name : P8  
 Client Sample ID : S06 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 13:31:53 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	647	677	730	684	6.17	cps
Lead	206-1	7340737	7942723	7633226	7638895	3.94	cps
Lead	207-1	6684531	6985442	6563459	6744477	3.22	cps
Lead	208-1	30595636	31292678	30290689	30726334	1.67	cps
Lithium	6-1	3832959	3428047	4022827	3761278	8.08	cps
Magnesium	24-2	7134300	6958431	6844214	6978982	2.09	cps
Manganese	55-2	4591704	4633302	4546614	4590540	0.94	cps
Molybdenum	94-1	12249972	12295198	11866864	12137345	1.94	cps
Molybdenum	95-1	17482889	18157408	17348478	17662925	2.45	cps
Molybdenum	96-1	19560375	19661368	19149050	19456931	1.39	cps
Molybdenum	97-1	10902330	10901578	10829215	10877708	0.39	cps
Molybdenum	98-1	27297543	28892780	28288954	28159759	2.86	cps
Neodymium	150-1	187	153	113	151	24.30	cps
Neodymium	150-2	13	7	17	12	41.65	cps
Nickel	60-2	455932	445844	446626	449467	1.25	cps
Phosphorus	31-2	24897	23887	23878	24221	2.42	cps
Potassium	39-2	2709387	2645643	2600531	2651854	2.06	cps
Rhodium	103-1	8188957	7575597	8827802	8197452	7.64	cps
Rhodium	103-2	4032751	4002191	4022110	4019017	0.39	cps
Scandium	45-1	6891633	6555950	7666503	7038029	8.09	cps
Scandium	45-2	210210	208102	207734	208682	0.64	cps
Selenium	82-1	55150	56243	55464	55619	1.01	cps
Selenium	77-2	1737	1620	1607	1655	4.32	cps
Selenium	78-2	5659	5578	5638	5625	0.75	cps
Silicon	28-1	3191148	3392486	3575400	3386345	5.68	cps
Silver	107-1	3604129	3634082	3494934	3577715	2.05	cps
Silver	109-1	3434112	3461836	3352409	3416119	1.67	cps
Sodium	23-2	13416382	13053020	12892778	13120727	2.04	cps
Strontium	86-1	11143068	11148973	10952961	11081667	1.01	cps
Strontium	88-1	93971313	96485325	93443858	94633499	1.72	cps
Sulfur	34-1	840086	833656	814265	829335	1.62	cps
Terbium	159-1	9056695	8334352	9249915	8880321	5.43	cps
Terbium	159-2	4462175	4449492	4416408	4442692	0.53	cps
Thallium	203-1	1910859	1933032	1883401	1909097	1.30	cps
Thallium	205-1	4505824	4623423	4361077	4496775	2.92	cps
Tin	118-1	2345560	2363773	2341121	2350151	0.51	cps

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : S06 Instrumnet Name : P8  
 Client Sample ID : S06 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 13:31:53 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5896123	6050642	5955544	5967437	1.31	cps
Uranium	238-1	5492530	5550522	5462206	5501753	0.82	cps
Vanadium	51-2	779422	766904	751376	765901	1.83	cps
Ytterbium	172-1	33	25	17	25	33.32	cps
Ytterbium	172-2	6	11	0	6	99.97	cps
Ytterbium	176-1	8862	9112	9520	9165	3.63	cps
Ytterbium	176-2	10015	10315	10593	10308	2.81	cps
Yttrium	89-1	14776657	13531256	16013061	14773658	8.40	cps
Yttrium	89-2	1615040	1624727	1645009	1628259	0.94	cps
Zinc	66-2	1360584	1347059	1324002	1343882	1.38	cps
Zirconium	90-1	5660177	5914970	5863673	5812940	2.32	cps
Zirconium	91-1	1316613	1318683	1304374	1313223	0.59	cps

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : S07 Instrumnet Name : P8  
 Client Sample ID : S07 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 13:34:59 DataFile Name : 012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	921959	900070	912083	911371	1.20	cps
Antimony	121-1	5441580	5419213	5365555	5408783	0.72	cps
Arsenic	75-2	170296	167390	167980	168555	0.91	cps
Barium	135-1	7086100	6830222	6739245	6885189	2.61	cps
Barium	137-1	11727716	11793614	11330456	11617262	2.16	cps
Beryllium	9-1	1581322	1612903	1642527	1612251	1.90	cps
Bismuth	209-1	4622691	4565015	4071162	4419623	6.86	cps
Bismuth	209-2	3009633	2979948	2958442	2982674	0.86	cps
Boron	10-1	151179	160983	167590	159917	5.16	cps
Boron	11-1	708327	760869	779321	749506	4.91	cps
Bromine	81-1	19845	18982	18762	19196	2.98	cps
Cadmium	111-1	1377720	1361504	1373451	1370892	0.61	cps
Cadmium	106-1	154952	157465	154814	155744	0.96	cps
Cadmium	108-1	108293	109136	107916	108448	0.58	cps
Calcium	43-1	2505398	2474169	2486194	2488587	0.63	cps
Calcium	44-1	39030635	38939506	39122751	39030964	0.23	cps
Carbon	12-1	6625769	6946088	7123782	6898546	3.66	cps
Carbon	12-2	75335	76307	75737	75793	0.64	cps
Chlorine	35-1	336995	327452	326606	330351	1.75	cps
Chlorine	35-2	1875	1809	1642	1775	6.77	cps
Chromium	52-2	1902547	1838238	1870357	1870381	1.72	cps
Cobalt	59-2	3300749	3270752	3374404	3315302	1.61	cps
Copper	63-2	25857718	25133104	25190513	25393778	1.59	cps
Dysprosium	156-1	233	267	308	269	13.95	cps
Dysprosium	156-2	100	140	100	113	20.38	cps
Erbium	164-1	125	108	133	122	10.41	cps
Erbium	164-2	40	23	30	31	26.97	cps
Gadolinium	160-1	258	208	217	228	11.76	cps
Gadolinium	160-2	207	220	150	192	19.34	cps
Holmium	165-1	8207363	8494145	7657367	8119625	5.24	cps
Holmium	165-2	4651724	4536350	4451177	4546417	2.21	cps
Indium	115-1	8213144	8071549	7768982	8017892	2.83	cps
Indium	115-2	1308108	1282361	1293447	1294639	1.00	cps
Iron	54-2	4106914	3975556	4030110	4037527	1.63	cps
Iron	56-2	74701235	72358068	72194274	73084526	1.92	cps
Iron	57-2	1879108	1832832	1873525	1861822	1.36	cps



LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : S07 Instrumnet Name : P8  
 Client Sample ID : S07 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 13:34:59 DataFile Name : 012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	643	667	720	677	5.81	cps
Lead	206-1	16012426	15928529	15853514	15931489	0.50	cps
Lead	207-1	14028610	14271834	13350946	13883797	3.44	cps
Lead	208-1	64929209	65462151	61951999	64114453	2.95	cps
Lithium	6-1	3872064	3848474	3540551	3753696	4.93	cps
Magnesium	24-2	14090309	13575906	13661769	13775995	2.00	cps
Manganese	55-2	9460534	8845425	8955147	9087035	3.61	cps
Molybdenum	94-1	24831391	24809312	24969746	24870150	0.35	cps
Molybdenum	95-1	35746724	35775128	35824474	35782108	0.11	cps
Molybdenum	96-1	39336229	38905044	38674788	38972020	0.86	cps
Molybdenum	97-1	22046922	21613615	22221161	21960566	1.42	cps
Molybdenum	98-1	57410647	55848435	57827972	57029018	1.83	cps
Neodymium	150-1	307	333	367	336	8.96	cps
Neodymium	150-2	17	30	43	30	44.43	cps
Nickel	60-2	895442	886471	886145	889353	0.59	cps
Phosphorus	31-2	48523	47897	47027	47816	1.57	cps
Potassium	39-2	5180727	5050529	5148628	5126628	1.32	cps
Rhodium	103-1	8001968	7995823	7750435	7916075	1.81	cps
Rhodium	103-2	3879042	3921118	3863324	3887828	0.77	cps
Scandium	45-1	7160467	7161674	6524512	6948885	5.29	cps
Scandium	45-2	210570	206694	210034	209099	1.00	cps
Selenium	82-1	112028	111163	111517	111569	0.39	cps
Selenium	77-2	3344	3170	3290	3268	2.72	cps
Selenium	78-2	11334	10944	10891	11056	2.18	cps
Silicon	28-1	5857312	6212654	6336840	6135602	4.06	cps
Silver	107-1	7118630	7126551	6997213	7080798	1.02	cps
Silver	109-1	6929304	6715650	6671804	6772253	2.03	cps
Sodium	23-2	26420746	26022602	26364115	26269154	0.82	cps
Strontium	86-1	22556829	22381148	22476652	22471543	0.39	cps
Strontium	88-1	194575250	191255788	193288650	193039896	0.87	cps
Sulfur	34-1	1021750	1011517	1014175	1015814	0.52	cps
Terbium	159-1	9221067	8938526	8254334	8804642	5.65	cps
Terbium	159-2	4414309	4471172	4509859	4465113	1.08	cps
Thallium	203-1	3937408	3880082	3967033	3928174	1.13	cps
Thallium	205-1	8982431	9205175	8988313	9058639	1.40	cps
Tin	118-1	4772517	4769878	4812612	4785002	0.50	cps

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : S07 Instrumnet Name : P8  
 Client Sample ID : S07 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 13:34:59 DataFile Name : 012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	11828749	12127902	11939025	11965225	1.26	cps
Uranium	238-1	11698175	11325642	11295804	11439874	1.96	cps
Vanadium	51-2	1520921	1497028	1540853	1519601	1.44	cps
Ytterbium	172-1	42	42	42	42	0.00	cps
Ytterbium	172-2	22	0	17	13	89.21	cps
Ytterbium	176-1	17629	17779	17712	17707	0.43	cps
Ytterbium	176-2	15164	15003	15910	15359	3.15	cps
Yttrium	89-1	15317122	15228226	13552637	14699329	6.76	cps
Yttrium	89-2	1600150	1617491	1545779	1587807	2.36	cps
Zinc	66-2	2657239	2593040	2674350	2641543	1.62	cps
Zirconium	90-1	12092510	11959950	11743531	11931997	1.48	cps
Zirconium	91-1	2641204	2657418	2704217	2667613	1.23	cps

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : S08 Instrumnet Name : P8  
 Client Sample ID : S08 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 13:38:02 DataFile Name : 013CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4506416	4603961	4548336	4552905	1.07	cps
Antimony	121-1	4759	6085	5001	5282	13.37	cps
Arsenic	75-2	69	67	105	80	26.62	cps
Barium	135-1	2400	4101	2884	3128	28.01	cps
Barium	137-1	4868	7863	5135	5955	27.83	cps
Beryllium	9-1	480	1016	470	655	47.67	cps
Bismuth	209-1	3881618	4001388	4173400	4018802	3.65	cps
Bismuth	209-2	2772426	2725139	2837040	2778202	2.02	cps
Boron	10-1	22371	20779	18812	20654	8.63	cps
Boron	11-1	101100	93947	87922	94323	6.99	cps
Bromine	81-1	20386	20366	19293	20015	3.12	cps
Cadmium	111-1	3139	3423	3449	3337	5.14	cps
Cadmium	106-1	4034	4117	4543	4231	6.45	cps
Cadmium	108-1	79	108	104	97	16.23	cps
Calcium	43-1	11106475	11270010	10865398	11080628	1.84	cps
Calcium	44-1	178528479	182348567	178447404	179774817	1.24	cps
Carbon	12-1	5818425	5966160	5866580	5883722	1.28	cps
Carbon	12-2	63119	64844	63438	63800	1.44	cps
Chlorine	35-1	337300	337038	332581	335640	0.79	cps
Chlorine	35-2	1717	1834	2059	1870	9.29	cps
Chromium	52-2	3564	3694	4017	3758	6.21	cps
Cobalt	59-2	4671	5001	5458	5043	7.84	cps
Copper	63-2	9213	10404	11183	10267	9.66	cps
Dysprosium	156-1	1033	792	967	931	13.41	cps
Dysprosium	156-2	397	463	553	471	16.69	cps
Erbium	164-1	192	133	158	161	18.16	cps
Erbium	164-2	43	90	47	60	43.39	cps
Gadolinium	160-1	783	1042	767	864	17.85	cps
Gadolinium	160-2	530	563	603	566	6.49	cps
Holmium	165-1	7926911	8208647	8195895	8110484	1.96	cps
Holmium	165-2	4512559	4527557	4648454	4562857	1.63	cps
Indium	115-1	7623662	7797245	7985919	7802275	2.32	cps
Indium	115-2	1286398	1284239	1301566	1290734	0.73	cps
Iron	54-2	19218633	19511348	19607331	19445771	1.04	cps
Iron	56-2	351472763	351664597	348686786	350608049	0.48	cps
Iron	57-2	8880325	8690938	8796417	8789227	1.08	cps

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : S08 Instrumnet Name : P8  
 Client Sample ID : S08 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 13:38:02 DataFile Name : 013CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	680	723	747	717	4.72	cps
Lead	206-1	8219	12169	9009	9799	21.33	cps
Lead	207-1	7080	11078	7830	8663	24.53	cps
Lead	208-1	32172	52013	34942	39709	27.06	cps
Lithium	6-1	3552727	3649904	3670406	3624346	1.73	cps
Magnesium	24-2	65522172	66221766	66315845	66019928	0.66	cps
Manganese	55-2	5971	6245	6552	6256	4.64	cps
Molybdenum	94-1	6819	12326	8765	9303	30.02	cps
Molybdenum	95-1	7903	15814	10699	11472	34.97	cps
Molybdenum	96-1	15819	23970	19729	19839	20.55	cps
Molybdenum	97-1	5343	11870	6995	8069	42.05	cps
Molybdenum	98-1	12691	31700	14319	19570	53.84	cps
Neodymium	150-1	67	47	47	53	21.65	cps
Neodymium	150-2	13	13	17	14	13.35	cps
Nickel	60-2	1317	1443	1500	1420	6.61	cps
Phosphorus	31-2	242	292	283	272	9.84	cps
Potassium	39-2	25670215	26019530	26402561	26030769	1.41	cps
Rhodium	103-1	7396840	7409712	7627013	7477855	1.73	cps
Rhodium	103-2	3674049	3683325	3657859	3671744	0.35	cps
Scandium	45-1	6788449	6976542	7139542	6968178	2.52	cps
Scandium	45-2	206425	205671	211223	207773	1.45	cps
Selenium	82-1	238	177	181	199	17.17	cps
Selenium	77-2	0	10	0	3	173.21	cps
Selenium	78-2	61	55	53	56	7.39	cps
Silicon	28-1	1947381	2055629	2052294	2018435	3.05	cps
Silver	107-1	2284	2167	1892	2114	9.51	cps
Silver	109-1	2225	2125	2000	2117	5.33	cps
Sodium	23-2	132629111	128573036	131846390	131016179	1.64	cps
Strontium	86-1	16577	21561	17087	18408	14.90	cps
Strontium	88-1	135291	182500	139305	152365	17.18	cps
Sulfur	34-1	404490	405515	402810	404272	0.34	cps
Terbium	159-1	8363346	8494027	8958236	8605203	3.63	cps
Terbium	159-2	4458744	4442795	4432777	4444772	0.29	cps
Thallium	203-1	1233	2451	1434	1706	38.26	cps
Thallium	205-1	2642	6153	2609	3801	53.58	cps
Tin	118-1	2034	3351	2217	2534	28.16	cps

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : S08 Instrumnet Name : P8  
 Client Sample ID : S08 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 13:38:02 DataFile Name : 013CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2334	4009	4750	3698	33.47	cps
Uranium	238-1	1817	5453	2142	3137	64.13	cps
Vanadium	51-2	550	543	713	602	15.99	cps
Ytterbium	172-1	117	125	42	94	48.59	cps
Ytterbium	172-2	17	28	39	28	39.99	cps
Ytterbium	176-1	1167	1117	1267	1183	6.45	cps
Ytterbium	176-2	5774	5940	6040	5918	2.28	cps
Yttrium	89-1	14375596	14567780	15062720	14668699	2.42	cps
Yttrium	89-2	1593358	1585546	1599517	1592807	0.44	cps
Zinc	66-2	5321	5444	5598	5454	2.54	cps
Zirconium	90-1	6085	9823	6869	7592	25.96	cps
Zirconium	91-1	1392	2134	1567	1697	22.84	cps

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : ICV076 Instrumnet Name : P8  
 Client Sample ID : ICV076 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 13:54:17 DataFile Name : 014ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	24392	24685	25028	24702	1.29	cps
Antimony	121-1	1073814	1062031	1068120	1067988	0.55	cps
Arsenic	75-2	36843	36782	37106	36911	0.47	cps
Barium	135-1	136075	138668	136276	137006	1.05	cps
Barium	137-1	239296	236987	238376	238219	0.49	cps
Beryllium	9-1	168999	169393	171458	169950	0.78	cps
Bismuth	209-1	4286172	4249624	3984951	4173582	3.94	cps
Bismuth	209-2	2997905	3155044	3059641	3070863	2.58	cps
Boron	10-1	4970	5266	5070	5102	2.95	cps
Boron	11-1	22933	23660	23887	23493	2.12	cps
Bromine	81-1	19805	19474	20145	19808	1.69	cps
Cadmium	111-1	145841	144501	144143	144829	0.62	cps
Cadmium	106-1	17203	16711	17670	17194	2.79	cps
Cadmium	108-1	9366	9237	9708	9437	2.58	cps
Calcium	43-1	45853	46746	46631	46410	1.05	cps
Calcium	44-1	786382	784963	782563	784636	0.25	cps
Carbon	12-1	5553776	5689733	5740995	5661501	1.71	cps
Carbon	12-2	57405	58191	57288	57628	0.85	cps
Chlorine	35-1	321767	316265	318032	318688	0.88	cps
Chlorine	35-2	1959	1842	1767	1856	5.21	cps
Chromium	52-2	203863	204054	203386	203768	0.17	cps
Cobalt	59-2	365232	365957	361761	364316	0.62	cps
Copper	63-2	279389	278627	277320	278445	0.38	cps
Dysprosium	156-1	17	0	25	14	91.65	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	67	75	25	56	48.22	cps
Erbium	164-2	30	33	30	31	6.18	cps
Gadolinium	160-1	50	50	50	50	0.00	cps
Gadolinium	160-2	50	87	90	76	29.38	cps
Holmium	165-1	7880353	7846077	7800785	7842405	0.51	cps
Holmium	165-2	4543517	4561453	4487253	4530741	0.85	cps
Indium	115-1	7792876	8169714	8305492	8089361	3.28	cps
Indium	115-2	1367571	1382107	1382588	1377422	0.62	cps
Iron	54-2	176433	177765	177369	177189	0.39	cps
Iron	56-2	3175133	3157511	3149223	3160622	0.42	cps
Iron	57-2	76069	74997	77627	76231	1.74	cps

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : ICV076 Instrumnet Name : P8  
 Client Sample ID : ICV076 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 13:54:17 DataFile Name : 014ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	590	733	777	700	13.96	cps
Lead	206-1	625675	596187	604368	608744	2.50	cps
Lead	207-1	507202	517113	527934	517416	2.00	cps
Lead	208-1	2377276	2442446	2405808	2408510	1.36	cps
Lithium	6-1	3777119	3813052	3760634	3783602	0.71	cps
Magnesium	24-2	171849	173566	177126	174181	1.55	cps
Manganese	55-2	98188	99011	100065	99088	0.95	cps
Molybdenum	94-1	742	675	583	667	11.92	cps
Molybdenum	95-1	300	250	242	264	11.95	cps
Molybdenum	96-1	733	592	575	633	13.74	cps
Molybdenum	97-1	175	200	133	169	19.88	cps
Molybdenum	98-1	567	508	483	519	8.23	cps
Neodymium	150-1	20	7	20	16	49.47	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	102959	101479	102449	102296	0.73	cps
Phosphorus	31-2	192	208	292	231	23.24	cps
Potassium	39-2	235323	237727	240219	237756	1.03	cps
Rhodium	103-1	7953188	8141751	8000889	8031943	1.22	cps
Rhodium	103-2	4156199	4130294	4102780	4129758	0.65	cps
Scandium	45-1	7172284	7203568	7137942	7171265	0.46	cps
Scandium	45-2	218379	219039	220742	219387	0.56	cps
Selenium	82-1	23657	23599	23584	23613	0.16	cps
Selenium	77-2	753	667	747	722	6.68	cps
Selenium	78-2	2511	2595	2545	2550	1.64	cps
Silicon	28-1	799098	807707	808266	805024	0.64	cps
Silver	107-1	372667	364743	359695	365702	1.79	cps
Silver	109-1	337807	351262	348201	345757	2.04	cps
Sodium	23-2	579959	594071	576558	583529	1.59	cps
Strontium	86-1	1625	1742	1892	1753	7.63	cps
Strontium	88-1	5735	5851	5760	5782	1.06	cps
Sulfur	34-1	437454	432183	434460	434699	0.61	cps
Terbium	159-1	8534680	8647065	8257344	8479696	2.37	cps
Terbium	159-2	4598145	4557579	4546118	4567281	0.60	cps
Thallium	203-1	735177	740543	740784	738835	0.43	cps
Thallium	205-1	1824224	1820519	1769963	1804902	1.68	cps
Tin	118-1	958	992	883	945	5.87	cps

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : ICV076 Instrumnet Name : P8  
 Client Sample ID : ICV076 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 13:54:17 DataFile Name : 014ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	408	417	358	394	8.00	cps
Uranium	238-1	33	33	25	31	15.74	cps
Vanadium	51-2	160988	163695	166740	163807	1.76	cps
Ytterbium	172-1	17	33	17	22	43.28	cps
Ytterbium	172-2	28	11	17	19	45.83	cps
Ytterbium	176-1	883	1033	917	945	8.34	cps
Ytterbium	176-2	5768	6096	6641	6168	7.15	cps
Yttrium	89-1	15019152	15070434	14822215	14970600	0.88	cps
Yttrium	89-2	1666519	1695447	1641929	1667965	1.61	cps
Zinc	66-2	59431	60010	59009	59483	0.84	cps
Zirconium	90-1	1358	1167	1250	1258	7.64	cps
Zirconium	91-1	350	375	283	336	14.10	cps



LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : ICB076 Instrumnet Name : P8  
 Client Sample ID : ICB076 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 13:58:36 DataFile Name : 015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	131	121	120	124	4.96	cps
Antimony	121-1	417	358	425	400	9.08	cps
Arsenic	75-2	10	13	9	11	19.52	cps
Barium	135-1	33	50	58	47	26.97	cps
Barium	137-1	83	50	58	64	27.15	cps
Beryllium	9-1	122	100	94	105	14.00	cps
Bismuth	209-1	4341874	4269227	4259416	4290172	1.05	cps
Bismuth	209-2	3227365	2930236	3129242	3095614	4.89	cps
Boron	10-1	3540	3450	3470	3486	1.36	cps
Boron	11-1	16154	16658	16054	16289	1.99	cps
Bromine	81-1	19895	19704	18241	19280	4.69	cps
Cadmium	111-1	2846	3235	2723	2935	9.10	cps
Cadmium	106-1	4042	4601	3909	4184	8.77	cps
Cadmium	108-1	54	33	54	47	25.48	cps
Calcium	43-1	357	339	347	348	2.70	cps
Calcium	44-1	31300	30941	31013	31085	0.61	cps
Carbon	12-1	4988013	4898015	5001605	4962544	1.13	cps
Carbon	12-2	47286	47419	44819	46508	3.15	cps
Chlorine	35-1	292265	297723	291335	293774	1.17	cps
Chlorine	35-2	1717	1675	1992	1795	9.59	cps
Chromium	52-2	483	613	507	534	12.97	cps
Cobalt	59-2	87	90	57	78	23.60	cps
Copper	63-2	940	893	903	912	2.69	cps
Dysprosium	156-1	17	33	8	19	65.47	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	83	50	42	58	37.80	cps
Erbium	164-2	30	33	37	33	10.01	cps
Gadolinium	160-1	83	25	67	58	51.51	cps
Gadolinium	160-2	87	80	83	83	4.00	cps
Holmium	165-1	7765170	7892816	7948635	7868874	1.20	cps
Holmium	165-2	4890543	4139949	4550204	4526899	8.30	cps
Indium	115-1	8514804	8127651	8189573	8277343	2.51	cps
Indium	115-2	1458896	1289036	1405574	1384502	6.27	cps
Iron	54-2	572	511	594	559	7.72	cps
Iron	56-2	4234	4256	5162	4551	11.64	cps
Iron	57-2	272	206	228	235	14.43	cps

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : ICB076 Instrumnet Name : P8  
 Client Sample ID : ICB076 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 13:58:36 DataFile Name : 015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	703	810	773	762	7.11	cps
Lead	206-1	483	539	528	517	5.69	cps
Lead	207-1	456	478	406	446	8.29	cps
Lead	208-1	1917	2095	1911	1974	5.28	cps
Lithium	6-1	3602348	3802097	3799040	3734495	3.06	cps
Magnesium	24-2	725	625	808	719	12.76	cps
Manganese	55-2	63	113	180	119	49.23	cps
Molybdenum	94-1	350	333	467	383	18.95	cps
Molybdenum	95-1	108	83	75	89	19.52	cps
Molybdenum	96-1	250	250	242	247	1.95	cps
Molybdenum	97-1	75	100	75	83	17.32	cps
Molybdenum	98-1	167	158	158	161	2.98	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	73	130	93	99	29.06	cps
Phosphorus	31-2	275	167	325	256	31.67	cps
Potassium	39-2	18687	19222	18153	18687	2.86	cps
Rhodium	103-1	8253620	8547258	8089805	8296894	2.79	cps
Rhodium	103-2	4400188	3870588	4102605	4124460	6.44	cps
Scandium	45-1	7127416	7179849	7017917	7108394	1.16	cps
Scandium	45-2	234615	204095	225489	221400	7.08	cps
Selenium	82-1	11	-60	-42	-30	-122.73	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	55	56	63	58	7.51	cps
Silicon	28-1	776546	776893	783208	778882	0.48	cps
Silver	107-1	417	317	275	336	21.66	cps
Silver	109-1	250	267	250	256	3.77	cps
Sodium	23-2	14149	14649	14499	14433	1.78	cps
Strontium	86-1	1167	1150	917	1078	12.97	cps
Strontium	88-1	275	317	300	297	7.06	cps
Sulfur	34-1	440355	440340	443231	441309	0.38	cps
Terbium	159-1	8833032	8551253	8521462	8635249	1.99	cps
Terbium	159-2	4751378	4130234	4701961	4527858	7.62	cps
Thallium	203-1	292	283	217	264	15.58	cps
Thallium	205-1	808	792	642	747	12.28	cps
Tin	118-1	1075	817	867	920	14.90	cps

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : ICB076 Instrumnet Name : P8  
 Client Sample ID : ICB076 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 13:58:36 DataFile Name : 015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	350	233	267	283	21.21	cps
Uranium	238-1	0	8	17	8	100.02	cps
Vanadium	51-2	13	10	13	12	15.73	cps
Ytterbium	172-1	17	17	33	22	43.28	cps
Ytterbium	172-2	6	17	6	9	69.24	cps
Ytterbium	176-1	1025	1017	1267	1103	12.88	cps
Ytterbium	176-2	6079	5740	6079	5966	3.28	cps
Yttrium	89-1	15043724	15764942	15301334	15370000	2.38	cps
Yttrium	89-2	1776862	1552826	1646064	1658584	6.79	cps
Zinc	66-2	347	290	267	301	13.66	cps
Zirconium	90-1	733	917	883	844	11.56	cps
Zirconium	91-1	242	192	192	208	13.86	cps

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : ICSA076 Instrumnet Name : P8  
 Client Sample ID : ICSA076 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 14:15:45 DataFile Name : 016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4575194	4464200	4438822	4492739	1.61	cps
Antimony	121-1	5951	6085	6260	6099	2.54	cps
Arsenic	75-2	61	52	53	55	8.91	cps
Barium	135-1	1975	1817	1875	1889	4.24	cps
Barium	137-1	3284	3301	3301	3295	0.29	cps
Beryllium	9-1	554	610	496	553	10.30	cps
Bismuth	209-1	4181218	4225467	4274563	4227082	1.10	cps
Bismuth	209-2	3020277	2784845	2901655	2902259	4.06	cps
Boron	10-1	2716	2504	2496	2572	4.85	cps
Boron	11-1	11876	11524	11454	11618	1.95	cps
Bromine	81-1	18491	19033	20446	19323	5.22	cps
Cadmium	111-1	3299	3188	3312	3267	2.08	cps
Cadmium	106-1	3842	3626	3817	3762	3.15	cps
Cadmium	108-1	1254	1196	1133	1195	5.06	cps
Calcium	43-1	2318413	2358567	2405453	2360811	1.85	cps
Calcium	44-1	37638540	37852670	38583847	38025019	1.30	cps
Carbon	12-1	21151158	20864880	21363430	21126489	1.18	cps
Carbon	12-2	214951	217255	211698	214635	1.30	cps
Chlorine	35-1	8179490	10279406	12658707	10372534	21.61	cps
Chlorine	35-2	102815	111470	123053	112446	9.03	cps
Chromium	52-2	38188	38642	38853	38561	0.88	cps
Cobalt	59-2	3831	4107	3997	3978	3.50	cps
Copper	63-2	19223	20679	20011	19971	3.65	cps
Dysprosium	156-1	17	17	25	19	24.73	cps
Dysprosium	156-2	13	13	7	11	34.61	cps
Erbium	164-1	58	42	42	47	20.37	cps
Erbium	164-2	43	33	50	42	19.87	cps
Gadolinium	160-1	75	67	100	81	21.53	cps
Gadolinium	160-2	100	100	73	91	16.90	cps
Holmium	165-1	7988030	8274975	8329365	8197457	2.24	cps
Holmium	165-2	4559236	4264097	4364361	4395898	3.41	cps
Indium	115-1	8146753	8120236	8229970	8165653	0.70	cps
Indium	115-2	1341409	1231587	1306422	1293140	4.34	cps
Iron	54-2	8165998	8036416	8067103	8089839	0.84	cps
Iron	56-2	149116609	149351587	147044287	148504161	0.86	cps
Iron	57-2	3805289	3757646	3731491	3764809	0.99	cps

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : ICSA076 Instrumnet Name : P8  
 Client Sample ID : ICSA076 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 14:15:45 DataFile Name : 016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	680	723	793	732	7.81	cps
Lead	206-1	13835	13769	14481	14028	2.80	cps
Lead	207-1	10716	11733	11439	11296	4.64	cps
Lead	208-1	50956	53305	54735	52999	3.60	cps
Lithium	6-1	3773395	3741938	3781053	3765462	0.55	cps
Magnesium	24-2	13448007	13337982	13168302	13318097	1.06	cps
Manganese	55-2	7399	7202	7262	7287	1.38	cps
Molybdenum	94-1	3690917	3611441	3606518	3636292	1.30	cps
Molybdenum	95-1	6419915	6296346	6413648	6376636	1.09	cps
Molybdenum	96-1	6772012	6721094	6926319	6806475	1.57	cps
Molybdenum	97-1	3813353	3875743	4002621	3897239	2.47	cps
Molybdenum	98-1	9768925	10025583	10196454	9996987	2.15	cps
Neodymium	150-1	33	7	33	24	62.97	cps
Neodymium	150-2	13	3	3	7	86.65	cps
Nickel	60-2	5058	4818	4924	4933	2.44	cps
Phosphorus	31-2	245303	240240	237451	240998	1.65	cps
Potassium	39-2	10570070	10399825	10651807	10540568	1.22	cps
Rhodium	103-1	8079160	7978998	8029181	8029113	0.62	cps
Rhodium	103-2	3960675	3624953	3815699	3800442	4.43	cps
Scandium	45-1	7264352	7276506	7230248	7257036	0.33	cps
Scandium	45-2	216134	201592	209026	208918	3.48	cps
Selenium	82-1	103	12	-33	28	251.66	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	53	44	53	50	10.40	cps
Silicon	28-1	864189	878561	881284	874678	1.05	cps
Silver	107-1	308	442	342	364	19.07	cps
Silver	109-1	367	358	367	364	1.32	cps
Sodium	23-2	27626877	27422485	26748197	27265853	1.69	cps
Strontium	86-1	76720	77682	76477	76960	0.83	cps
Strontium	88-1	666579	659098	668798	664825	0.76	cps
Sulfur	34-1	3288194	3353944	3318131	3320090	0.99	cps
Terbium	159-1	8833558	8712016	8793322	8779632	0.71	cps
Terbium	159-2	4655993	4159377	4362337	4392569	5.68	cps
Thallium	203-1	300	342	350	331	8.10	cps
Thallium	205-1	692	675	783	717	8.14	cps
Tin	118-1	1208	1617	1283	1370	15.87	cps

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : ICSA076 Instrumnet Name : P8  
 Client Sample ID : ICSA076 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 14:15:45 DataFile Name : 016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2284692	2240188	2299691	2274857	1.36	cps
Uranium	238-1	117	183	158	153	22.04	cps
Vanadium	51-2	200	263	250	238	14.04	cps
Ytterbium	172-1	33	50	33	39	24.75	cps
Ytterbium	172-2	17	17	33	22	43.28	cps
Ytterbium	176-1	1000	775	767	847	15.62	cps
Ytterbium	176-2	5946	5285	5796	5675	6.11	cps
Yttrium	89-1	14951686	15063345	15330247	15115093	1.29	cps
Yttrium	89-2	1668245	1506537	1583294	1586025	5.10	cps
Zinc	66-2	3314	3227	3264	3268	1.33	cps
Zirconium	90-1	983	950	1083	1006	6.90	cps
Zirconium	91-1	133	225	158	172	27.51	cps

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : ICSAB076 Instrumnet Name : P8  
 Client Sample ID : ICSAB076 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 14:18:38 DataFile Name : 017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4542688	4751159	4571052	4621633	2.45	cps
Antimony	121-1	112462	115007	113009	113493	1.18	cps
Arsenic	75-2	3620	3633	3494	3582	2.14	cps
Barium	135-1	28973	30627	30669	30090	3.21	cps
Barium	137-1	50311	52394	51833	51513	2.09	cps
Beryllium	9-1	33800	34391	34141	34111	0.87	cps
Bismuth	209-1	4114062	4408736	4444835	4322545	4.20	cps
Bismuth	209-2	3046237	2955801	3028339	3010126	1.59	cps
Boron	10-1	1890	1786	1822	1832	2.88	cps
Boron	11-1	9375	8795	8293	8821	6.14	cps
Bromine	81-1	20747	21238	22552	21512	4.34	cps
Cadmium	111-1	30358	30712	30799	30623	0.76	cps
Cadmium	106-1	6577	6602	6744	6641	1.35	cps
Cadmium	108-1	3046	2971	2917	2978	2.18	cps
Calcium	43-1	2350844	2337813	2399657	2362771	1.38	cps
Calcium	44-1	38385441	37085816	38854371	38108542	2.40	cps
Carbon	12-1	20721334	21666229	21568764	21318776	2.44	cps
Carbon	12-2	217342	219551	218495	218463	0.51	cps
Chlorine	35-1	17366308	20237779	22820874	20141654	13.55	cps
Chlorine	35-2	160096	167891	170243	166076	3.20	cps
Chromium	52-2	78471	77170	77039	77560	1.02	cps
Cobalt	59-2	73043	73850	71753	72882	1.45	cps
Copper	63-2	72765	72142	71050	71986	1.21	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Dysprosium	156-2	13	17	13	14	13.35	cps
Erbium	164-1	33	58	83	58	42.87	cps
Erbium	164-2	43	37	47	42	12.06	cps
Gadolinium	160-1	83	83	75	81	5.98	cps
Gadolinium	160-2	97	93	60	83	24.33	cps
Holmium	165-1	8365993	8307388	8449269	8374217	0.85	cps
Holmium	165-2	4683125	4607318	4670140	4653528	0.87	cps
Indium	115-1	8123513	8237620	8314503	8225212	1.17	cps
Indium	115-2	1346487	1365394	1380808	1364230	1.26	cps
Iron	54-2	8164509	8176819	8186552	8175960	0.14	cps
Iron	56-2	149388787	146024920	149989370	148467692	1.44	cps
Iron	57-2	3754785	3699469	3723120	3725791	0.74	cps

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : ICSAB076 Instrumnet Name : P8  
 Client Sample ID : ICSAB076 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 14:18:38 DataFile Name : 017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	803	730	807	780	5.56	cps
Lead	206-1	73943	75129	75006	74693	0.87	cps
Lead	207-1	61289	61981	63763	62345	2.05	cps
Lead	208-1	283984	287296	291019	287433	1.22	cps
Lithium	6-1	3841932	3820439	3785466	3815946	0.75	cps
Magnesium	24-2	13585859	13932087	13732872	13750273	1.26	cps
Manganese	55-2	26905	26428	25703	26345	2.30	cps
Molybdenum	94-1	3678508	3658308	3660793	3665869	0.30	cps
Molybdenum	95-1	6412584	6450944	6285359	6382962	1.36	cps
Molybdenum	96-1	6767265	6796490	6756962	6773572	0.30	cps
Molybdenum	97-1	3853991	3828894	3911340	3864742	1.09	cps
Molybdenum	98-1	10002516	10015413	10180048	10065992	0.98	cps
Neodymium	150-1	27	20	47	31	44.61	cps
Neodymium	150-2	20	10	3	11	75.52	cps
Nickel	60-2	23917	23313	23677	23635	1.29	cps
Phosphorus	31-2	241741	246463	242848	243684	1.01	cps
Potassium	39-2	10624150	10445122	10563216	10544162	0.86	cps
Rhodium	103-1	7994146	8127409	8190668	8104074	1.24	cps
Rhodium	103-2	4084000	4028936	3994525	4035820	1.12	cps
Scandium	45-1	7279889	7332940	7413246	7342025	0.91	cps
Scandium	45-2	218965	221887	219580	220144	0.70	cps
Selenium	82-1	2142	2251	2240	2211	2.70	cps
Selenium	77-2	93	83	80	86	8.11	cps
Selenium	78-2	280	312	281	291	6.25	cps
Silicon	28-1	890790	902034	900955	897926	0.69	cps
Silver	107-1	136693	140297	141879	139623	1.90	cps
Silver	109-1	125453	129182	133126	129254	2.97	cps
Sodium	23-2	27019038	27473018	27959640	27483899	1.71	cps
Strontium	86-1	78815	79476	81529	79940	1.77	cps
Strontium	88-1	675064	678254	667347	673555	0.83	cps
Sulfur	34-1	3280749	3286891	3332187	3299942	0.85	cps
Terbium	159-1	9005870	9220504	8897420	9041265	1.82	cps
Terbium	159-2	4542359	4614076	4782948	4646461	2.66	cps
Thallium	203-1	72738	74943	74791	74157	1.66	cps
Thallium	205-1	177319	178236	178388	177981	0.32	cps
Tin	118-1	1708	1500	1867	1692	10.87	cps



LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : ICSAB076 Instrumnet Name : P8  
 Client Sample ID : ICSAB076 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 14:18:38 DataFile Name : 017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2333650	2226742	2242965	2267786	2.54	cps
Uranium	238-1	242	258	183	228	17.29	cps
Vanadium	51-2	31137	31739	31648	31508	1.03	cps
Ytterbium	172-1	8	58	42	36	70.51	cps
Ytterbium	172-2	11	11	39	20	78.74	cps
Ytterbium	176-1	1042	1033	1083	1053	2.54	cps
Ytterbium	176-2	5957	6185	6140	6094	1.98	cps
Yttrium	89-1	15088295	15544355	15033675	15222108	1.84	cps
Yttrium	89-2	1674519	1673913	1642870	1663767	1.09	cps
Zinc	66-2	8843	9060	8543	8815	2.95	cps
Zirconium	90-1	1117	1192	1075	1128	5.24	cps
Zirconium	91-1	267	300	267	278	6.93	cps

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : CCV034 Instrumnet Name : P8  
 Client Sample ID : CCV034 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 14:26:59 DataFile Name : 019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2256712	2335172	2337418	2309768	1.99	cps
Antimony	121-1	2474979	2549726	2643462	2556056	3.30	cps
Arsenic	75-2	82886	84909	86648	84814	2.22	cps
Barium	135-1	3299293	3290694	3440005	3343331	2.51	cps
Barium	137-1	5586489	5572984	5596181	5585218	0.21	cps
Beryllium	9-1	760845	771687	784218	772250	1.51	cps
Bismuth	209-1	4202990	4201857	4377582	4260810	2.37	cps
Bismuth	209-2	2789595	2874137	2892425	2852052	1.92	cps
Boron	10-1	76323	79862	83338	79841	4.39	cps
Boron	11-1	345582	365889	383221	364897	5.16	cps
Bromine	81-1	20296	20697	20105	20366	1.48	cps
Cadmium	111-1	654736	655199	664550	658162	0.84	cps
Cadmium	106-1	77519	77092	79027	77879	1.31	cps
Cadmium	108-1	51090	50241	51371	50901	1.16	cps
Calcium	43-1	5513901	5592156	5773135	5626397	2.36	cps
Calcium	44-1	89448027	90966734	93581895	91332219	2.29	cps
Carbon	12-1	6238300	6810807	7132827	6727311	6.73	cps
Carbon	12-2	74657	73827	76190	74891	1.60	cps
Chlorine	35-1	2304391	2218271	2181739	2234800	2.82	cps
Chlorine	35-2	12297	12564	11563	12142	4.27	cps
Chromium	52-2	913877	925747	927424	922349	0.80	cps
Cobalt	59-2	1667669	1685303	1735534	1696168	2.08	cps
Copper	63-2	12242254	12454897	12806491	12501214	2.28	cps
Dysprosium	156-1	492	558	525	525	6.35	cps
Dysprosium	156-2	250	250	307	269	12.17	cps
Erbium	164-1	158	92	175	142	31.13	cps
Erbium	164-2	63	73	77	71	9.76	cps
Gadolinium	160-1	400	483	375	419	13.52	cps
Gadolinium	160-2	340	340	297	326	7.69	cps
Holmium	165-1	8351360	7897772	8076063	8108398	2.82	cps
Holmium	165-2	4460967	4521924	4503415	4495435	0.70	cps
Indium	115-1	7999457	8011361	8200571	8070463	1.40	cps
Indium	115-2	1288144	1296960	1315277	1300127	1.06	cps
Iron	54-2	9548224	9786753	9929702	9754893	1.98	cps
Iron	56-2	174284432	176204726	184641149	178376769	3.09	cps
Iron	57-2	4362122	4555882	4555395	4491133	2.49	cps

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : CCV034 Instrumnet Name : P8  
 Client Sample ID : CCV034 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 14:26:59 DataFile Name : 019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	717	607	687	670	8.49	cps
Lead	206-1	7003399	7464656	7271446	7246500	3.20	cps
Lead	207-1	6299525	6544793	6484532	6442950	1.98	cps
Lead	208-1	28767303	29832035	29908120	29502486	2.16	cps
Lithium	6-1	3754959	3561721	3670709	3662463	2.65	cps
Magnesium	24-2	33235214	33855024	33904136	33664791	1.11	cps
Manganese	55-2	4426465	4633049	4595385	4551633	2.42	cps
Molybdenum	94-1	11539320	11958192	12127882	11875131	2.55	cps
Molybdenum	95-1	17226827	17256439	17555274	17346180	1.05	cps
Molybdenum	96-1	18717654	18644316	19241992	18867987	1.73	cps
Molybdenum	97-1	10236875	10385488	10786528	10469630	2.72	cps
Molybdenum	98-1	27113190	27126803	27615782	27285258	1.05	cps
Neodymium	150-1	227	273	180	227	20.59	cps
Neodymium	150-2	23	23	20	22	8.65	cps
Nickel	60-2	432677	441467	452011	442052	2.19	cps
Phosphorus	31-2	23236	24229	22910	23458	2.93	cps
Potassium	39-2	12792863	12897447	13309058	12999789	2.10	cps
Rhodium	103-1	7695870	7627852	8103943	7809222	3.30	cps
Rhodium	103-2	3788500	3801854	3791895	3794083	0.18	cps
Scandium	45-1	6970241	7150812	7349066	7156706	2.65	cps
Scandium	45-2	208470	209127	211699	209765	0.81	cps
Selenium	82-1	54030	54542	55450	54674	1.31	cps
Selenium	77-2	1670	1767	1677	1705	3.17	cps
Selenium	78-2	5613	5676	5630	5639	0.58	cps
Silicon	28-1	3578276	3989230	4074281	3880596	6.84	cps
Silver	107-1	3492972	3473819	3561466	3509419	1.31	cps
Silver	109-1	3284676	3337059	3265273	3295669	1.13	cps
Sodium	23-2	64480912	66013060	66697899	65730624	1.73	cps
Strontium	86-1	10535260	10767974	11125011	10809415	2.75	cps
Strontium	88-1	92273783	91294365	93776158	92448102	1.35	cps
Sulfur	34-1	810908	795741	802924	803191	0.94	cps
Terbium	159-1	8407173	8661227	8896495	8654965	2.83	cps
Terbium	159-2	4424784	4363268	4525680	4437911	1.85	cps
Thallium	203-1	1769853	1834491	1835206	1813183	2.07	cps
Thallium	205-1	4019106	4318295	4169888	4169096	3.59	cps
Tin	118-1	2249343	2255845	2359753	2288313	2.71	cps

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : CCV034 Instrumnet Name : P8  
 Client Sample ID : CCV034 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 14:26:59 DataFile Name : 019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5714493	5998618	5869259	5860790	2.43	cps
Uranium	238-1	5189139	5346185	5554039	5363121	3.41	cps
Vanadium	51-2	742847	753799	771695	756114	1.93	cps
Ytterbium	172-1	42	50	50	47	10.18	cps
Ytterbium	172-2	17	39	11	22	66.14	cps
Ytterbium	176-1	9103	8670	9620	9131	5.21	cps
Ytterbium	176-2	10004	10877	10738	10540	4.45	cps
Yttrium	89-1	14765210	15022343	14975222	14920925	0.92	cps
Yttrium	89-2	1573738	1633635	1607533	1604969	1.87	cps
Zinc	66-2	1262205	1316853	1301328	1293462	2.18	cps
Zirconium	90-1	5718142	5776139	5752430	5748903	0.51	cps
Zirconium	91-1	1275407	1295488	1284359	1285085	0.78	cps

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : CCB034 Instrumnet Name : P8  
 Client Sample ID : CCB034 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 14:38:11 DataFile Name : 020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	119	126	140	128	8.39	cps
Antimony	121-1	242	375	383	333	23.85	cps
Arsenic	75-2	7	6	8	7	14.29	cps
Barium	135-1	42	50	58	50	16.67	cps
Barium	137-1	92	50	75	72	29.04	cps
Beryllium	9-1	116	86	102	101	14.82	cps
Bismuth	209-1	3987335	4242353	4042275	4090654	3.28	cps
Bismuth	209-2	2930748	2999521	2727287	2885852	4.91	cps
Boron	10-1	3234	3082	2992	3102	3.94	cps
Boron	11-1	15007	15117	14204	14776	3.37	cps
Bromine	81-1	19424	19995	19333	19584	1.83	cps
Cadmium	111-1	2588	2673	2589	2617	1.86	cps
Cadmium	106-1	3676	3692	3651	3673	0.57	cps
Cadmium	108-1	38	17	29	28	37.74	cps
Calcium	43-1	374	416	394	395	5.39	cps
Calcium	44-1	32354	32534	32369	32419	0.31	cps
Carbon	12-1	4886806	4944503	4871310	4900873	0.79	cps
Carbon	12-2	46917	46842	47987	47249	1.36	cps
Chlorine	35-1	900368	892336	890277	894327	0.60	cps
Chlorine	35-2	5526	4843	5334	5234	6.74	cps
Chromium	52-2	490	457	430	459	6.55	cps
Cobalt	59-2	67	57	50	58	14.52	cps
Copper	63-2	1023	1083	900	1002	9.33	cps
Dysprosium	156-1	25	25	8	19	49.50	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	42	58	42	47	20.37	cps
Erbium	164-2	43	30	23	32	31.61	cps
Gadolinium	160-1	67	25	75	56	48.22	cps
Gadolinium	160-2	70	93	107	90	20.62	cps
Holmium	165-1	7469362	7888511	7828043	7728639	2.93	cps
Holmium	165-2	4411648	4376940	3954236	4247608	6.00	cps
Indium	115-1	7893198	8210167	7914147	8005837	2.21	cps
Indium	115-2	1309319	1320063	1237350	1288911	3.49	cps
Iron	54-2	511	422	539	491	12.42	cps
Iron	56-2	4034	4123	4117	4091	1.22	cps
Iron	57-2	211	233	217	220	5.25	cps

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : CCB034 Instrumnet Name : P8  
 Client Sample ID : CCB034 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 14:38:11 DataFile Name : 020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	660	640	703	668	4.85	cps
Lead	206-1	639	606	594	613	3.77	cps
Lead	207-1	528	461	506	498	6.81	cps
Lead	208-1	2322	2372	2267	2320	2.28	cps
Lithium	6-1	3596506	3731817	3695957	3674760	1.91	cps
Magnesium	24-2	667	700	683	683	2.44	cps
Manganese	55-2	73	77	97	82	15.35	cps
Molybdenum	94-1	525	567	542	544	3.85	cps
Molybdenum	95-1	367	350	258	325	17.95	cps
Molybdenum	96-1	450	575	583	536	13.93	cps
Molybdenum	97-1	283	292	308	294	4.32	cps
Molybdenum	98-1	633	550	550	578	8.33	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	93	107	123	108	13.95	cps
Phosphorus	31-2	142	267	250	219	30.93	cps
Potassium	39-2	18370	18003	17953	18109	1.26	cps
Rhodium	103-1	7861174	8052476	8185979	8033209	2.03	cps
Rhodium	103-2	4024945	3921766	3823995	3923569	2.56	cps
Scandium	45-1	6973230	7092834	6946817	7004294	1.11	cps
Scandium	45-2	208445	208206	196530	204393	3.33	cps
Selenium	82-1	52	131	51	78	58.90	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	58	56	57	57	1.75	cps
Silicon	28-1	750867	751754	752665	751762	0.12	cps
Silver	107-1	242	283	142	222	32.76	cps
Silver	109-1	125	225	167	172	29.17	cps
Sodium	23-2	15375	15692	15133	15400	1.82	cps
Strontium	86-1	1283	1242	1125	1217	6.75	cps
Strontium	88-1	983	1217	1042	1081	11.24	cps
Sulfur	34-1	422868	431156	428982	427669	1.00	cps
Terbium	159-1	8327988	8296655	8429095	8351246	0.83	cps
Terbium	159-2	4278576	4240346	4023516	4180813	3.29	cps
Thallium	203-1	342	442	350	378	14.69	cps
Thallium	205-1	883	733	792	803	9.42	cps
Tin	118-1	833	833	967	878	8.77	cps

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : CCB034 Instrumnet Name : P8  
 Client Sample ID : CCB034 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 14:38:11 DataFile Name : 020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	292	458	308	353	26.02	cps
Uranium	238-1	17	42	100	53	81.02	cps
Vanadium	51-2	10	13	7	10	33.30	cps
Ytterbium	172-1	17	8	42	22	78.07	cps
Ytterbium	172-2	17	17	0	11	86.60	cps
Ytterbium	176-1	942	858	792	864	8.70	cps
Ytterbium	176-2	5718	6085	5468	5757	5.39	cps
Yttrium	89-1	14441746	14444230	14884369	14590115	1.75	cps
Yttrium	89-2	1622525	1595827	1484921	1567758	4.65	cps
Zinc	66-2	253	263	197	238	15.12	cps
Zirconium	90-1	1025	883	1000	970	7.80	cps
Zirconium	91-1	217	225	200	214	5.95	cps

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : PB141016BL Instrumnet Name : P8  
 Client Sample ID : PBS016 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 14:41:34 DataFile Name : 021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	91	109	102	101	8.80	cps
Antimony	121-1	117	200	167	161	26.03	cps
Arsenic	75-2	4	7	8	6	32.87	cps
Barium	135-1	8	25	42	25	66.68	cps
Barium	137-1	58	50	25	44	39.04	cps
Beryllium	9-1	82	74	86	81	7.57	cps
Bismuth	209-1	3883260	4162748	4009127	4018378	3.48	cps
Bismuth	209-2	2965066	2943009	2807591	2905222	2.93	cps
Boron	10-1	3238	2972	2754	2988	8.11	cps
Boron	11-1	14564	13444	13287	13765	5.06	cps
Bromine	81-1	21679	20657	20336	20891	3.36	cps
Cadmium	111-1	2616	2822	2748	2729	3.83	cps
Cadmium	106-1	3701	4026	3926	3884	4.29	cps
Cadmium	108-1	29	42	42	38	19.24	cps
Calcium	43-1	336	364	344	348	4.09	cps
Calcium	44-1	31194	31357	31434	31328	0.39	cps
Carbon	12-1	4835129	4865340	5002451	4900973	1.82	cps
Carbon	12-2	46491	45546	46708	46248	1.34	cps
Chlorine	35-1	752560	726518	721902	733660	2.25	cps
Chlorine	35-2	4701	3926	4017	4215	10.05	cps
Chromium	52-2	513	443	497	484	7.55	cps
Cobalt	59-2	47	80	57	61	27.99	cps
Copper	63-2	937	830	1013	927	9.94	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	42	25	83	50	60.09	cps
Erbium	164-2	23	30	13	22	37.76	cps
Gadolinium	160-1	75	92	25	64	54.31	cps
Gadolinium	160-2	40	60	57	52	20.52	cps
Holmium	165-1	7636095	7726878	7460933	7607969	1.78	cps
Holmium	165-2	4370475	4369348	4356030	4365285	0.18	cps
Indium	115-1	7758972	7908835	7850942	7839583	0.96	cps
Indium	115-2	1324824	1333645	1324587	1327685	0.39	cps
Iron	54-2	489	456	500	482	4.80	cps
Iron	56-2	3884	3612	3489	3662	5.52	cps
Iron	57-2	256	211	256	241	10.66	cps



LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : PB141016BL Instrumnet Name : P8  
 Client Sample ID : PBS016 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 14:41:34 DataFile Name : 021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	737	673	683	698	4.88	cps
Lead	206-1	500	500	578	526	8.54	cps
Lead	207-1	567	517	450	511	11.45	cps
Lead	208-1	2183	2128	2045	2119	3.30	cps
Lithium	6-1	3597706	3584528	3669154	3617129	1.26	cps
Magnesium	24-2	658	525	533	572	13.05	cps
Manganese	55-2	53	93	73	73	27.27	cps
Molybdenum	94-1	350	342	292	328	9.62	cps
Molybdenum	95-1	192	150	125	156	21.65	cps
Molybdenum	96-1	367	267	283	306	17.54	cps
Molybdenum	97-1	100	58	75	78	26.97	cps
Molybdenum	98-1	250	175	175	200	21.65	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	90	103	97	97	6.89	cps
Phosphorus	31-2	192	242	192	208	13.86	cps
Potassium	39-2	17886	19046	19664	18866	4.78	cps
Rhodium	103-1	7797999	7991612	7798787	7862799	1.42	cps
Rhodium	103-2	4032716	3966118	3949490	3982775	1.11	cps
Scandium	45-1	6856321	6743693	6894496	6831503	1.15	cps
Scandium	45-2	211121	209119	209912	210051	0.48	cps
Selenium	82-1	-13	59	-7	13	299.89	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	59	74	55	63	15.98	cps
Silicon	28-1	744063	746703	750603	747123	0.44	cps
Silver	107-1	117	133	167	139	18.33	cps
Silver	109-1	150	117	83	117	28.57	cps
Sodium	23-2	16109	14057	14416	14861	7.38	cps
Strontium	86-1	1217	1308	1125	1217	7.53	cps
Strontium	88-1	433	358	242	344	28.04	cps
Sulfur	34-1	434573	440727	437810	437703	0.70	cps
Terbium	159-1	7865139	8184415	7900279	7983278	2.19	cps
Terbium	159-2	4266350	4364235	4320986	4317190	1.14	cps
Thallium	203-1	367	358	392	372	4.66	cps
Thallium	205-1	808	875	875	853	4.51	cps
Tin	118-1	858	875	1025	920	9.98	cps

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : PB141016BL Instrumnet Name : P8  
 Client Sample ID : PBS016 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 14:41:34 DataFile Name : 021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	333	208	275	272	22.98	cps
Uranium	238-1	8	33	0	14	124.91	cps
Vanadium	51-2	0	7	3	3	100.05	cps
Ytterbium	172-1	33	33	25	31	15.74	cps
Ytterbium	172-2	11	17	11	13	24.76	cps
Ytterbium	176-1	958	917	908	928	2.89	cps
Ytterbium	176-2	5540	5451	5629	5540	1.61	cps
Yttrium	89-1	14278674	14271322	13907580	14152526	1.50	cps
Yttrium	89-2	1594501	1606349	1567248	1589366	1.26	cps
Zinc	66-2	220	277	283	260	13.39	cps
Zirconium	90-1	833	883	783	833	6.00	cps
Zirconium	91-1	150	225	167	181	21.81	cps

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : PB141016BS Instrumnet Name : P8  
 Client Sample ID : LCS016 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 14:44:39 DataFile Name : 022LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1915	1755	1699	1789	6.27	cps
Antimony	121-1	18888	19523	19665	19359	2.14	cps
Arsenic	75-2	328	350	325	334	4.08	cps
Barium	135-1	24306	24456	24832	24531	1.10	cps
Barium	137-1	41757	41414	42258	41810	1.02	cps
Beryllium	9-1	3228	3006	3208	3147	3.90	cps
Bismuth	209-1	4191830	4256152	4051090	4166357	2.52	cps
Bismuth	209-2	2949947	2809188	2894933	2884689	2.46	cps
Boron	10-1	8253	8967	8973	8731	4.74	cps
Boron	11-1	37867	40359	42340	40189	5.58	cps
Bromine	81-1	21138	20546	20687	20790	1.49	cps
Cadmium	111-1	5197	5239	5372	5269	1.73	cps
Cadmium	106-1	4167	4001	4301	4156	3.62	cps
Cadmium	108-1	196	225	217	213	7.07	cps
Calcium	43-1	20495	20610	20871	20659	0.93	cps
Calcium	44-1	362780	363126	363670	363192	0.12	cps
Carbon	12-1	4799721	4794954	4987297	4860657	2.26	cps
Carbon	12-2	47578	46708	47068	47118	0.93	cps
Chlorine	35-1	655610	645351	647861	649608	0.82	cps
Chlorine	35-2	3609	3501	3926	3678	6.01	cps
Chromium	52-2	7352	7806	7402	7520	3.31	cps
Cobalt	59-2	6622	6628	6458	6569	1.47	cps
Copper	63-2	11038	11038	10951	11009	0.45	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	58	42	58	53	18.23	cps
Erbium	164-2	23	30	33	29	17.63	cps
Gadolinium	160-1	92	58	42	64	39.85	cps
Gadolinium	160-2	73	53	63	63	15.79	cps
Holmium	165-1	7745545	7828640	7752997	7775727	0.59	cps
Holmium	165-2	4365746	4016799	4278098	4220215	4.30	cps
Indium	115-1	8134702	8235815	7982548	8117688	1.57	cps
Indium	115-2	1366687	1255503	1338494	1320228	4.38	cps
Iron	54-2	34169	34086	32571	33608	2.68	cps
Iron	56-2	604619	615451	601000	607023	1.24	cps
Iron	57-2	15036	15303	15130	15156	0.89	cps

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : PB141016BS Instrumnet Name : P8  
 Client Sample ID : LCS016 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 14:44:39 DataFile Name : 022LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	690	660	773	708	8.30	cps
Lead	206-1	5901	5724	5668	5764	2.12	cps
Lead	207-1	5196	4973	5268	5146	2.98	cps
Lead	208-1	22608	22792	22708	22703	0.41	cps
Lithium	6-1	3644510	3567021	3655653	3622395	1.33	cps
Magnesium	24-2	133189	129909	135343	132814	2.06	cps
Manganese	55-2	1917	1870	1800	1862	3.15	cps
Molybdenum	94-1	24831	25307	24831	24990	1.10	cps
Molybdenum	95-1	29949	30852	30593	30465	1.52	cps
Molybdenum	96-1	33892	34193	33733	33939	0.69	cps
Molybdenum	97-1	18429	19055	19606	19030	3.09	cps
Molybdenum	98-1	47139	49497	46729	47788	3.13	cps
Neodymium	150-1	7	20	27	18	57.27	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1777	1837	1903	1839	3.45	cps
Phosphorus	31-2	258	383	417	353	23.66	cps
Potassium	39-2	117879	117618	113453	116317	2.14	cps
Rhodium	103-1	8043798	7853677	7968472	7955316	1.20	cps
Rhodium	103-2	4036462	3787415	4130364	3984747	4.45	cps
Scandium	45-1	6986282	6761082	7080329	6942564	2.36	cps
Scandium	45-2	213842	197884	213212	208313	4.34	cps
Selenium	82-1	1047	1069	988	1035	4.06	cps
Selenium	77-2	27	33	27	29	13.31	cps
Selenium	78-2	150	164	180	165	9.11	cps
Silicon	28-1	849565	855761	852525	852617	0.36	cps
Silver	107-1	12347	12748	13390	12829	4.10	cps
Silver	109-1	12598	12439	12247	12428	1.41	cps
Sodium	23-2	268764	269587	264747	267699	0.97	cps
Strontium	86-1	5018	5526	5443	5329	5.12	cps
Strontium	88-1	36056	35855	35788	35900	0.39	cps
Sulfur	34-1	442122	444247	434230	440200	1.20	cps
Terbium	159-1	8609712	8314769	8482005	8468829	1.75	cps
Terbium	159-2	4386133	4209122	4382192	4325816	2.34	cps
Thallium	203-1	7244	7377	6694	7105	5.10	cps
Thallium	205-1	16544	17137	15735	16472	4.27	cps
Tin	118-1	43528	45585	44147	44420	2.38	cps

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : PB141016BS Instrumnet Name : P8  
 Client Sample ID : LCS016 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 14:44:39 DataFile Name : 022LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	10829	10321	11029	10726	3.41	cps
Uranium	238-1	19148	18856	18280	18762	2.35	cps
Vanadium	51-2	14144	14668	14451	14421	1.83	cps
Ytterbium	172-1	17	8	25	17	50.01	cps
Ytterbium	172-2	0	22	17	13	89.21	cps
Ytterbium	176-1	942	1075	1125	1047	9.05	cps
Ytterbium	176-2	5546	5879	5918	5781	3.54	cps
Yttrium	89-1	14561645	14563142	14416813	14513867	0.58	cps
Yttrium	89-2	1594530	1492027	1642583	1576380	4.88	cps
Zinc	66-2	3064	2937	3100	3034	2.83	cps
Zirconium	90-1	21759	22719	22168	22215	2.17	cps
Zirconium	91-1	4743	4851	5168	4920	4.49	cps

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : M4778-01 Instrumnet Name : P8  
 Client Sample ID : H0AP3 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 14:47:41 DataFile Name : 023AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	653005	648522	638312	646613	1.16	cps
Antimony	121-1	5076	4876	5159	5037	2.89	cps
Arsenic	75-2	2702	2635	2604	2647	1.89	cps
Barium	135-1	513454	516051	521980	517162	0.84	cps
Barium	137-1	901362	906220	893830	900471	0.69	cps
Beryllium	9-1	1818	1868	1754	1813	3.15	cps
Bismuth	209-1	4270673	4269110	4309606	4283130	0.54	cps
Bismuth	209-2	3088361	2965913	2995204	3016493	2.12	cps
Boron	10-1	4472	4576	4630	4559	1.76	cps
Boron	11-1	21411	21634	21872	21639	1.06	cps
Bromine	81-1	28348	27716	29622	28562	3.40	cps
Cadmium	111-1	4889	4906	4804	4866	1.13	cps
Cadmium	106-1	4434	4426	4409	4423	0.29	cps
Cadmium	108-1	229	233	196	219	9.37	cps
Calcium	43-1	3054620	3159188	3168979	3127596	2.03	cps
Calcium	44-1	50297155	50880749	51478392	50885432	1.16	cps
Carbon	12-1	5961401	6070791	6117636	6049943	1.33	cps
Carbon	12-2	59036	58350	58074	58487	0.85	cps
Chlorine	35-1	18273598	25452943	31592060	25106200	26.55	cps
Chlorine	35-2	259015	279845	300235	279698	7.37	cps
Chromium	52-2	40290	39926	39845	40020	0.59	cps
Cobalt	59-2	45910	46787	46416	46371	0.95	cps
Copper	63-2	88128	86616	87303	87349	0.87	cps
Dysprosium	156-1	33426	34169	34654	34083	1.82	cps
Dysprosium	156-2	17695	18306	17668	17890	2.02	cps
Erbium	164-1	27187	26702	27504	27131	1.49	cps
Erbium	164-2	14621	15052	14218	14630	2.85	cps
Gadolinium	160-1	31388	31388	31079	31285	0.57	cps
Gadolinium	160-2	19074	19508	19651	19411	1.55	cps
Holmium	165-1	8258533	8071017	7787798	8039116	2.95	cps
Holmium	165-2	4730653	4656600	4579167	4655473	1.63	cps
Indium	115-1	8247565	8337728	8290952	8292082	0.54	cps
Indium	115-2	1392708	1377268	1400335	1390104	0.85	cps
Iron	54-2	2824064	2834661	2843497	2834074	0.34	cps
Iron	56-2	52718343	51091839	50961243	51590475	1.90	cps
Iron	57-2	1294394	1269330	1258863	1274196	1.43	cps

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : M4778-01 Instrumnet Name : P8  
 Client Sample ID : H0AP3 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 14:47:41 DataFile Name : 023AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	827	760	833	807	5.03	cps
Lead	206-1	79062	76782	80164	78670	2.19	cps
Lead	207-1	64734	64868	63796	64466	0.91	cps
Lead	208-1	299161	302992	307324	303159	1.35	cps
Lithium	6-1	3913662	3806729	3612949	3777780	4.03	cps
Magnesium	24-2	1312778	1287338	1280144	1293420	1.33	cps
Manganese	55-2	475641	473780	466327	471916	1.04	cps
Molybdenum	94-1	11872	12381	12598	12284	3.03	cps
Molybdenum	95-1	11347	10471	11605	11141	5.34	cps
Molybdenum	96-1	13991	14174	13273	13813	3.45	cps
Molybdenum	97-1	6935	6760	6627	6774	2.28	cps
Molybdenum	98-1	17829	17753	17495	17692	0.99	cps
Neodymium	150-1	58582	60999	60249	59943	2.06	cps
Neodymium	150-2	22729	23310	23147	23062	1.30	cps
Nickel	60-2	25156	25580	25086	25274	1.06	cps
Phosphorus	31-2	4884	5218	4951	5018	3.52	cps
Potassium	39-2	460876	458340	452456	457224	0.94	cps
Rhodium	103-1	7950894	8351248	8162068	8154737	2.46	cps
Rhodium	103-2	4092576	4145224	4173614	4137138	0.99	cps
Scandium	45-1	7542043	7480473	7280450	7434322	1.84	cps
Scandium	45-2	230268	224041	225896	226735	1.41	cps
Selenium	82-1	187	221	227	212	10.17	cps
Selenium	77-2	173	120	107	133	26.46	cps
Selenium	78-2	134	136	123	131	5.34	cps
Silicon	28-1	18843755	18445203	18679445	18656134	1.07	cps
Silver	107-1	2500	2309	2450	2420	4.11	cps
Silver	109-1	2234	2034	2475	2247	9.84	cps
Sodium	23-2	99740	101804	101335	100960	1.07	cps
Strontium	86-1	585839	598497	586550	590295	1.20	cps
Strontium	88-1	4994468	4971312	4991297	4985692	0.25	cps
Sulfur	34-1	461795	461139	459691	460875	0.23	cps
Terbium	159-1	8604236	8633466	8644091	8627264	0.24	cps
Terbium	159-2	4526447	4569258	4586448	4560717	0.68	cps
Thallium	203-1	1959	2059	1967	1995	2.78	cps
Thallium	205-1	4459	4501	5034	4665	6.88	cps
Tin	118-1	5726	5543	5676	5649	1.68	cps

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : M4778-01 Instrumnet Name : P8  
 Client Sample ID : H0AP3 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 14:47:41 DataFile Name : 023AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	287649	278886	289241	285258	1.95	cps
Uranium	238-1	25109	25560	26369	25679	2.49	cps
Vanadium	51-2	147972	149472	148458	148634	0.51	cps
Ytterbium	172-1	7269	7436	7602	7436	2.24	cps
Ytterbium	172-2	5001	5273	4618	4964	6.64	cps
Ytterbium	176-1	5410	5568	5668	5549	2.35	cps
Ytterbium	176-2	8975	9426	8936	9113	2.98	cps
Yttrium	89-1	16028719	15905021	15615586	15849776	1.34	cps
Yttrium	89-2	1750021	1787617	1733836	1757158	1.57	cps
Zinc	66-2	27413	27774	27320	27502	0.87	cps
Zirconium	90-1	15809	16977	16694	16493	3.69	cps
Zirconium	91-1	3692	3967	3592	3751	5.18	cps



LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : M4778-02 Instrumnet Name : P8  
 Client Sample ID : H0AP3D Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 14:50:39 DataFile Name : 024AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	643779	640084	646658	643507	0.51	cps
Antimony	121-1	3601	4543	4109	4084	11.54	cps
Arsenic	75-2	2618	2625	2514	2586	2.38	cps
Barium	135-1	494975	517599	511061	507878	2.29	cps
Barium	137-1	859988	900266	895112	885122	2.48	cps
Beryllium	9-1	1902	1764	1794	1820	3.99	cps
Bismuth	209-1	4273820	4228183	4018137	4173380	3.27	cps
Bismuth	209-2	3000546	3073478	2916260	2996762	2.63	cps
Boron	10-1	3780	4018	4158	3985	4.80	cps
Boron	11-1	18027	19129	19645	18934	4.36	cps
Bromine	81-1	26743	27827	28608	27726	3.38	cps
Cadmium	111-1	4934	5190	4851	4992	3.54	cps
Cadmium	106-1	4484	4559	4376	4473	2.06	cps
Cadmium	108-1	179	163	208	183	12.66	cps
Calcium	43-1	3134230	3043503	3092568	3090100	1.47	cps
Calcium	44-1	50631265	49295383	50902551	50276400	1.71	cps
Carbon	12-1	5740482	6028420	5955349	5908084	2.53	cps
Carbon	12-2	58978	58693	59002	58891	0.29	cps
Chlorine	35-1	39526170	45309261	49132749	44656060	10.83	cps
Chlorine	35-2	376075	391018	406663	391252	3.91	cps
Chromium	52-2	39939	39575	39291	39601	0.82	cps
Cobalt	59-2	46670	46338	46175	46394	0.54	cps
Copper	63-2	83839	86535	84063	84812	1.76	cps
Dysprosium	156-1	32716	32841	33610	33056	1.46	cps
Dysprosium	156-2	17452	17562	17415	17476	0.44	cps
Erbium	164-1	25993	26594	26227	26271	1.15	cps
Erbium	164-2	14101	14445	14228	14258	1.22	cps
Gadolinium	160-1	29542	30377	30218	30046	1.48	cps
Gadolinium	160-2	18717	19070	18513	18767	1.50	cps
Holmium	165-1	7951945	8208521	7936570	8032345	1.90	cps
Holmium	165-2	4511801	4609202	4429547	4516850	1.99	cps
Indium	115-1	8284571	8340779	8352349	8325899	0.44	cps
Indium	115-2	1389299	1388341	1342155	1373265	1.96	cps
Iron	54-2	2809241	2743450	2847243	2799978	1.88	cps
Iron	56-2	51280789	52171126	49687372	51046429	2.47	cps
Iron	57-2	1252665	1251251	1241629	1248515	0.48	cps

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : M4778-02 Instrumnet Name : P8  
 Client Sample ID : H0AP3D Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 14:50:39 DataFile Name : 024AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	790	907	807	834	7.56	cps
Lead	206-1	74705	76554	74821	75360	1.37	cps
Lead	207-1	58365	61899	62250	60838	3.53	cps
Lead	208-1	284501	292999	288155	288552	1.48	cps
Lithium	6-1	3914413	3847159	3978495	3913356	1.68	cps
Magnesium	24-2	1255718	1250948	1222378	1243015	1.45	cps
Manganese	55-2	463695	464202	462397	463431	0.20	cps
Molybdenum	94-1	11338	11121	11563	11341	1.95	cps
Molybdenum	95-1	10412	10813	10554	10593	1.92	cps
Molybdenum	96-1	12681	13649	12790	13040	4.07	cps
Molybdenum	97-1	6627	6485	6302	6471	2.52	cps
Molybdenum	98-1	16477	16302	17278	16685	3.12	cps
Neodymium	150-1	58789	56955	57055	57599	1.79	cps
Neodymium	150-2	22780	22269	21898	22315	1.98	cps
Nickel	60-2	25186	25430	25212	25276	0.53	cps
Phosphorus	31-2	5151	5176	5301	5209	1.54	cps
Potassium	39-2	448869	439337	445052	444419	1.08	cps
Rhodium	103-1	8215983	8066836	8066169	8116329	1.06	cps
Rhodium	103-2	4211875	4126339	3992110	4110108	2.70	cps
Scandium	45-1	7463407	7372083	7346582	7394024	0.83	cps
Scandium	45-2	230974	226639	226888	228167	1.07	cps
Selenium	82-1	177	67	213	152	49.72	cps
Selenium	77-2	107	110	113	110	3.03	cps
Selenium	78-2	135	138	142	138	2.54	cps
Silicon	28-1	20032090	20484006	20570235	20362110	1.42	cps
Silver	107-1	1884	2234	2050	2056	8.52	cps
Silver	109-1	1950	1783	1725	1820	6.42	cps
Sodium	23-2	95152	95353	93860	94788	0.85	cps
Strontium	86-1	566846	570024	571067	569313	0.39	cps
Strontium	88-1	4725529	4773453	4842512	4780498	1.23	cps
Sulfur	34-1	461172	456071	462976	460073	0.78	cps
Terbium	159-1	8310527	8671199	8667754	8549827	2.42	cps
Terbium	159-2	4657325	4601010	4406207	4554847	2.89	cps
Thallium	203-1	2000	1900	2075	1992	4.41	cps
Thallium	205-1	5026	5260	5418	5235	3.77	cps
Tin	118-1	5243	5343	5276	5287	0.96	cps

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : M4778-02 Instrumnet Name : P8  
 Client Sample ID : H0AP3D Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 14:50:39 DataFile Name : 024AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	280911	281609	281432	281317	0.13	cps
Uranium	238-1	38702	38727	38601	38677	0.17	cps
Vanadium	51-2	146912	146804	145260	146325	0.63	cps
Ytterbium	172-1	7069	7736	7511	7438	4.56	cps
Ytterbium	172-2	4945	5318	4840	5034	4.99	cps
Ytterbium	176-1	5335	5635	5518	5496	2.75	cps
Ytterbium	176-2	8920	9198	9187	9101	1.73	cps
Yttrium	89-1	15841042	15662674	15629912	15711209	0.72	cps
Yttrium	89-2	1691805	1764638	1679963	1712135	2.68	cps
Zinc	66-2	26759	27190	26114	26687	2.03	cps
Zirconium	90-1	15325	16227	15167	15573	3.67	cps
Zirconium	91-1	3117	3859	3267	3414	11.49	cps

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : M4778-01LX5 Instrumnet Name : P8  
 Client Sample ID : H0AP3L Dilution Factor : 5  
 Date & Time Acquired :: 2021-11-29 14:53:34 DataFile Name : 025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	116923	117262	116829	117005	0.19	cps
Antimony	121-1	908	933	917	920	1.38	cps
Arsenic	75-2	511	519	465	498	5.85	cps
Barium	135-1	95251	94985	96955	95730	1.12	cps
Barium	137-1	163315	167101	166899	165772	1.28	cps
Beryllium	9-1	422	382	414	406	5.21	cps
Bismuth	209-1	4085586	4337281	4104485	4175784	3.36	cps
Bismuth	209-2	3146667	3006263	2991479	3048136	2.81	cps
Boron	10-1	2260	2372	2364	2332	2.68	cps
Boron	11-1	10694	10804	10886	10795	0.89	cps
Bromine	81-1	22471	23484	20907	22288	5.82	cps
Cadmium	111-1	3090	2998	3490	3193	8.19	cps
Cadmium	106-1	3917	3726	4393	4012	8.56	cps
Cadmium	108-1	75	38	79	64	35.92	cps
Calcium	43-1	563271	569097	569382	567250	0.61	cps
Calcium	44-1	9398474	9244744	9237623	9293614	0.98	cps
Carbon	12-1	5157263	5149665	5076009	5127646	0.88	cps
Carbon	12-2	50430	51224	50078	50577	1.16	cps
Chlorine	35-1	22970835	21491487	21242234	21901519	4.27	cps
Chlorine	35-2	122928	117718	114761	118469	3.49	cps
Chromium	52-2	8089	7712	7689	7830	2.87	cps
Cobalt	59-2	8092	8453	8499	8348	2.67	cps
Copper	63-2	17331	17745	17154	17410	1.74	cps
Dysprosium	156-1	6402	6435	6727	6521	2.74	cps
Dysprosium	156-2	3264	3180	3157	3200	1.75	cps
Erbium	164-1	4668	5185	5226	5026	6.19	cps
Erbium	164-2	2567	2687	2707	2654	2.85	cps
Gadolinium	160-1	5610	5760	5610	5660	1.53	cps
Gadolinium	160-2	3627	3511	3647	3595	2.05	cps
Holmium	165-1	8136260	7864599	7760503	7920454	2.45	cps
Holmium	165-2	4563762	4421290	4483447	4489500	1.59	cps
Indium	115-1	8027062	7891595	8151834	8023497	1.62	cps
Indium	115-2	1394025	1358917	1364496	1372479	1.37	cps
Iron	54-2	511111	509658	508844	509871	0.23	cps
Iron	56-2	9428164	9206964	9199529	9278219	1.40	cps
Iron	57-2	231054	228254	228321	229210	0.70	cps

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : M4778-01LX5 Instrumnet Name : P8  
 Client Sample ID : H0AP3L Dilution Factor : 5  
 Date & Time Acquired :: 2021-11-29 14:53:34 DataFile Name : 025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	777	783	833	798	3.88	cps
Lead	206-1	14920	14831	15054	14935	0.75	cps
Lead	207-1	12245	12173	12289	12236	0.48	cps
Lead	208-1	56448	57757	58810	57672	2.05	cps
Lithium	6-1	3753832	3865751	3772424	3797336	1.58	cps
Magnesium	24-2	231501	230749	227323	229858	0.97	cps
Manganese	55-2	88157	86077	86454	86896	1.28	cps
Molybdenum	94-1	2675	2150	2334	2386	11.17	cps
Molybdenum	95-1	2325	2025	2092	2147	7.34	cps
Molybdenum	96-1	2417	2867	2884	2723	9.73	cps
Molybdenum	97-1	1358	1267	1250	1292	4.52	cps
Molybdenum	98-1	3192	3359	3334	3295	2.73	cps
Neodymium	150-1	10651	10044	10925	10540	4.28	cps
Neodymium	150-2	4114	4321	4207	4214	2.46	cps
Nickel	60-2	4874	4804	4594	4758	3.06	cps
Phosphorus	31-2	1117	1208	1292	1206	7.26	cps
Potassium	39-2	98074	99090	96530	97898	1.32	cps
Rhodium	103-1	8278301	8204190	8232311	8238267	0.45	cps
Rhodium	103-2	4188824	4074145	4178550	4147173	1.53	cps
Scandium	45-1	7390875	7165688	7181337	7245967	1.74	cps
Scandium	45-2	219284	214195	221050	218176	1.63	cps
Selenium	82-1	-53	31	-75	-32	-174.78	cps
Selenium	77-2	23	10	30	21	48.24	cps
Selenium	78-2	68	75	79	74	7.52	cps
Silicon	28-1	4023862	4052511	3991337	4022570	0.76	cps
Silver	107-1	642	408	492	514	23.01	cps
Silver	109-1	425	550	617	531	18.34	cps
Sodium	23-2	33506	33046	33806	33453	1.14	cps
Strontium	86-1	105833	104416	107942	106064	1.67	cps
Strontium	88-1	900006	921186	914868	912020	1.19	cps
Sulfur	34-1	446476	448159	450953	448530	0.50	cps
Terbium	159-1	8174914	8423202	8616403	8404840	2.63	cps
Terbium	159-2	4557086	4519074	4439784	4505315	1.33	cps
Thallium	203-1	883	858	875	872	1.46	cps
Thallium	205-1	2192	2292	2042	2175	5.79	cps
Tin	118-1	1900	1867	1717	1828	5.34	cps

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : M4778-01LX5 Instrumnet Name : P8  
 Client Sample ID : H0AP3L Dilution Factor : 5  
 Date & Time Acquired :: 2021-11-29 14:53:34 DataFile Name : 025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	51627	52213	52915	52252	1.23	cps
Uranium	238-1	4868	5068	4734	4890	3.43	cps
Vanadium	51-2	27226	26942	26458	26875	1.44	cps
Ytterbium	172-1	1317	1392	1567	1425	9.00	cps
Ytterbium	172-2	761	961	911	878	11.86	cps
Ytterbium	176-1	1717	1700	1925	1781	7.04	cps
Ytterbium	176-2	6618	6657	6769	6681	1.17	cps
Yttrium	89-1	14741263	15172915	14965321	14959833	1.44	cps
Yttrium	89-2	1692739	1651804	1654636	1666393	1.37	cps
Zinc	66-2	5358	5398	5481	5412	1.16	cps
Zirconium	90-1	3667	3801	3426	3631	5.24	cps
Zirconium	91-1	825	783	908	839	7.59	cps

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : M4778-03 Instrumnet Name : P8  
 Client Sample ID : H0AP3S Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 14:56:35 DataFile Name : 026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	702942	704088	696654	701228	0.57	cps
Antimony	121-1	55589	54451	56618	55553	1.95	cps
Arsenic	75-2	4207	4244	4333	4261	1.52	cps
Barium	135-1	1107974	1110961	1112956	1110630	0.23	cps
Barium	137-1	1965203	1905922	1940999	1937375	1.54	cps
Beryllium	9-1	19941	20088	20214	20081	0.68	cps
Bismuth	209-1	4230255	4148989	4147405	4175550	1.13	cps
Bismuth	209-2	3080673	3017340	3039181	3045731	1.06	cps
Boron	10-1	3314	3498	3782	3531	6.68	cps
Boron	11-1	16158	16264	16380	16267	0.68	cps
Bromine	81-1	27145	28579	27445	27723	2.73	cps
Cadmium	111-1	19342	19978	20292	19870	2.44	cps
Cadmium	106-1	5851	5743	6143	5913	3.50	cps
Cadmium	108-1	1204	1213	1158	1192	2.45	cps
Calcium	43-1	3251270	3285572	3331676	3289506	1.23	cps
Calcium	44-1	54042906	53802731	53428062	53757900	0.58	cps
Carbon	12-1	5840827	6023132	6045087	5969682	1.88	cps
Carbon	12-2	59111	58409	58927	58816	0.62	cps
Chlorine	35-1	38386173	45300487	50126866	44604509	13.23	cps
Chlorine	35-2	369607	378343	393357	380436	3.16	cps
Chromium	52-2	124711	125401	122933	124349	1.02	cps
Cobalt	59-2	424380	429095	425700	426392	0.57	cps
Copper	63-2	228351	224720	227056	226709	0.81	cps
Dysprosium	156-1	35899	35038	37027	35988	2.77	cps
Dysprosium	156-2	18526	18253	18206	18328	0.94	cps
Erbium	164-1	28523	28147	28490	28387	0.73	cps
Erbium	164-2	14925	14375	14391	14564	2.15	cps
Gadolinium	160-1	31237	33401	31739	32125	3.52	cps
Gadolinium	160-2	19374	19534	19084	19331	1.18	cps
Holmium	165-1	8309505	8138466	7802847	8083606	3.19	cps
Holmium	165-2	4697312	4734827	4630463	4687534	1.13	cps
Indium	115-1	8608267	8659826	8094238	8454110	3.70	cps
Indium	115-2	1397074	1390306	1389685	1392355	0.29	cps
Iron	54-2	2936245	2918237	2890928	2915137	0.78	cps
Iron	56-2	52832266	52278291	53094505	52735021	0.79	cps
Iron	57-2	1300843	1290442	1300568	1297284	0.46	cps

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : M4778-03 Instrumnet Name : P8  
 Client Sample ID : H0AP3S Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 14:56:35 DataFile Name : 026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	870	833	823	842	2.92	cps
Lead	206-1	88300	87885	88563	88249	0.39	cps
Lead	207-1	74201	75264	73481	74315	1.21	cps
Lead	208-1	342586	345747	347090	345141	0.67	cps
Lithium	6-1	3878105	3960372	3930408	3922962	1.06	cps
Magnesium	24-2	1360475	1351300	1310815	1340864	1.97	cps
Manganese	55-2	591414	598397	582951	590921	1.31	cps
Molybdenum	94-1	13874	13307	14583	13921	4.59	cps
Molybdenum	95-1	10471	10955	11497	10974	4.68	cps
Molybdenum	96-1	14483	13423	14232	14046	3.94	cps
Molybdenum	97-1	7285	7469	6385	7046	8.23	cps
Molybdenum	98-1	17879	17645	18187	17904	1.52	cps
Neodymium	150-1	62084	60939	61575	61532	0.93	cps
Neodymium	150-2	22896	23017	23143	23019	0.54	cps
Nickel	60-2	129810	128283	127798	128630	0.82	cps
Phosphorus	31-2	5401	5485	5234	5373	2.37	cps
Potassium	39-2	465834	462025	467391	465084	0.59	cps
Rhodium	103-1	8644338	8516843	7997654	8386279	4.08	cps
Rhodium	103-2	4116537	4113614	4153486	4127879	0.54	cps
Scandium	45-1	7625494	7514521	7422931	7520982	1.35	cps
Scandium	45-2	229749	226326	226472	227516	0.85	cps
Selenium	82-1	2268	2246	2249	2255	0.53	cps
Selenium	77-2	147	147	197	163	17.67	cps
Selenium	78-2	345	372	345	354	4.40	cps
Silicon	28-1	23475874	24400807	23981176	23952619	1.93	cps
Silver	107-1	93242	98501	97908	96550	2.98	cps
Silver	109-1	91372	90339	93225	91645	1.60	cps
Sodium	23-2	101544	103323	104078	102982	1.26	cps
Strontium	86-1	610147	612954	607073	610058	0.48	cps
Strontium	88-1	5076347	5122085	5177848	5125426	0.99	cps
Sulfur	34-1	470545	464988	471232	468922	0.73	cps
Terbium	159-1	9094393	8972234	8234733	8767120	5.30	cps
Terbium	159-2	4544567	4519676	4502577	4522274	0.47	cps
Thallium	203-1	39486	39586	39076	39383	0.69	cps
Thallium	205-1	92315	91491	95573	93126	2.32	cps
Tin	118-1	4526	4651	4809	4662	3.05	cps



LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : M4778-03 Instrumnet Name : P8  
 Client Sample ID : H0AP3S Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 14:56:35 DataFile Name : 026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	273247	280009	270678	274644	1.75	cps
Uranium	238-1	29686	29043	28575	29101	1.92	cps
Vanadium	51-2	319475	320105	320290	319957	0.13	cps
Ytterbium	172-1	7152	7444	8028	7541	5.91	cps
Ytterbium	172-2	4951	4762	4951	4888	2.23	cps
Ytterbium	176-1	5510	5701	5893	5701	3.36	cps
Ytterbium	176-2	8803	9276	9214	9098	2.82	cps
Yttrium	89-1	15930942	15940431	15772672	15881349	0.59	cps
Yttrium	89-2	1731002	1722021	1709448	1720823	0.63	cps
Zinc	66-2	58557	59033	59682	59090	0.96	cps
Zirconium	90-1	19598	19965	20616	20059	2.57	cps
Zirconium	91-1	4459	4176	4518	4384	4.17	cps

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : M4778-04 Instrumnet Name : P8  
 Client Sample ID : H0AP4 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 14:59:30 DataFile Name : 027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	654028	659868	648930	654275	0.84	cps
Antimony	121-1	8219	8645	8670	8511	2.97	cps
Arsenic	75-2	4247	4387	4336	4323	1.64	cps
Barium	135-1	386093	387951	395949	389997	1.34	cps
Barium	137-1	669183	656925	667883	664664	1.01	cps
Beryllium	9-1	1810	1812	1816	1812	0.17	cps
Bismuth	209-1	4132161	4081149	4337613	4183641	3.25	cps
Bismuth	209-2	3109373	3046080	3255040	3136831	3.42	cps
Boron	10-1	2840	3054	2928	2940	3.66	cps
Boron	11-1	14084	14070	14034	14063	0.18	cps
Bromine	81-1	25650	25390	26412	25817	2.06	cps
Cadmium	111-1	6828	6432	6801	6687	3.32	cps
Cadmium	106-1	5076	4676	5018	4923	4.39	cps
Cadmium	108-1	346	304	308	319	7.18	cps
Calcium	43-1	1680029	1779275	1728897	1729400	2.87	cps
Calcium	44-1	28306095	28105476	27779331	28063634	0.95	cps
Carbon	12-1	6560458	6549599	6623751	6577936	0.61	cps
Carbon	12-2	61103	62199	61722	61675	0.89	cps
Chlorine	35-1	45159403	51873527	55597839	50876923	10.40	cps
Chlorine	35-2	377314	399032	405002	393783	3.70	cps
Chromium	52-2	43560	43573	43469	43534	0.13	cps
Cobalt	59-2	45934	45255	45031	45407	1.04	cps
Copper	63-2	129747	130138	128368	129417	0.72	cps
Dysprosium	156-1	33142	34629	33042	33604	2.65	cps
Dysprosium	156-2	16927	16544	16854	16775	1.21	cps
Erbium	164-1	27003	27162	24782	26316	5.06	cps
Erbium	164-2	13584	13280	13424	13429	1.13	cps
Gadolinium	160-1	30043	31363	29767	30391	2.81	cps
Gadolinium	160-2	18496	17639	18056	18064	2.37	cps
Holmium	165-1	7922787	7759635	8020027	7900816	1.67	cps
Holmium	165-2	4733128	4658798	4902790	4764905	2.62	cps
Indium	115-1	8377667	7820939	8250062	8149556	3.58	cps
Indium	115-2	1440323	1382350	1443427	1422033	2.42	cps
Iron	54-2	2948699	2912474	2806568	2889247	2.56	cps
Iron	56-2	52374737	52876539	50976018	52075765	1.89	cps
Iron	57-2	1271015	1306664	1288320	1288666	1.38	cps

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : M4778-04 Instrumnet Name : P8  
 Client Sample ID : H0AP4 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 14:59:30 DataFile Name : 027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	790	817	817	808	1.91	cps
Lead	206-1	414811	417110	423528	418483	1.08	cps
Lead	207-1	362064	354754	358570	358463	1.02	cps
Lead	208-1	1640336	1664781	1666354	1657157	0.88	cps
Lithium	6-1	4066126	3907642	3948103	3973957	2.07	cps
Magnesium	24-2	1160473	1169101	1141121	1156898	1.24	cps
Manganese	55-2	534535	531321	519984	528613	1.45	cps
Molybdenum	94-1	11280	11580	11689	11516	1.84	cps
Molybdenum	95-1	9387	9053	9112	9184	1.94	cps
Molybdenum	96-1	12181	12089	11830	12033	1.51	cps
Molybdenum	97-1	5935	5893	5918	5915	0.35	cps
Molybdenum	98-1	14867	14958	14266	14697	2.56	cps
Neodymium	150-1	58776	58373	59011	58720	0.55	cps
Neodymium	150-2	21838	21688	21374	21633	1.09	cps
Nickel	60-2	24378	24337	24224	24313	0.33	cps
Phosphorus	31-2	5501	5326	5226	5351	2.60	cps
Potassium	39-2	428799	430525	423539	427621	0.85	cps
Rhodium	103-1	8435475	7817237	8581900	8278204	4.90	cps
Rhodium	103-2	4288030	4123923	4457334	4289762	3.89	cps
Scandium	45-1	7575362	7149647	7410580	7378529	2.91	cps
Scandium	45-2	236972	228054	236696	233907	2.17	cps
Selenium	82-1	189	145	163	166	13.58	cps
Selenium	77-2	137	117	123	126	8.11	cps
Selenium	78-2	145	138	123	135	8.31	cps
Silicon	28-1	13561836	13428693	13864951	13618493	1.64	cps
Silver	107-1	4334	3776	3784	3965	8.07	cps
Silver	109-1	4301	4067	4201	4190	2.79	cps
Sodium	23-2	102099	99556	101143	100932	1.27	cps
Strontium	86-1	412802	415531	403406	410580	1.55	cps
Strontium	88-1	3569095	3612352	3501187	3560878	1.57	cps
Sulfur	34-1	459195	457791	467803	461596	1.17	cps
Terbium	159-1	9007230	8454807	8995571	8819203	3.58	cps
Terbium	159-2	4825084	4467358	4863187	4718543	4.63	cps
Thallium	203-1	2209	2275	1984	2156	7.09	cps
Thallium	205-1	4834	5235	5368	5146	5.40	cps
Tin	118-1	13090	13365	13365	13273	1.20	cps

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : M4778-04 Instrumnet Name : P8  
 Client Sample ID : H0AP4 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 14:59:30 DataFile Name : 027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	271419	268598	269787	269934	0.52	cps
Uranium	238-1	30220	30279	30254	30251	0.10	cps
Vanadium	51-2	114191	115011	112908	114037	0.93	cps
Ytterbium	172-1	7386	7494	7552	7477	1.13	cps
Ytterbium	172-2	4734	4501	4462	4566	3.23	cps
Ytterbium	176-1	5310	5335	5435	5360	1.23	cps
Ytterbium	176-2	8697	9281	9826	9268	6.09	cps
Yttrium	89-1	16077435	15365904	15747969	15730436	2.26	cps
Yttrium	89-2	1795127	1741605	1829216	1788649	2.47	cps
Zinc	66-2	65015	65307	64101	64808	0.97	cps
Zirconium	90-1	17837	18555	18146	18179	1.98	cps
Zirconium	91-1	3842	3584	3726	3717	3.48	cps

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : M4778-05 Instrumnet Name : P8  
 Client Sample ID : H0AP5 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 15:02:28 DataFile Name : 028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	751234	745424	742783	746480	0.58	cps
Antimony	121-1	9454	9454	9320	9409	0.82	cps
Arsenic	75-2	4101	4225	4164	4163	1.49	cps
Barium	135-1	585829	590956	591630	589472	0.54	cps
Barium	137-1	1002107	1003655	1005142	1003635	0.15	cps
Beryllium	9-1	2430	2406	2406	2414	0.57	cps
Bismuth	209-1	4426366	4419369	4257129	4367621	2.19	cps
Bismuth	209-2	3071271	3072394	3035968	3059877	0.68	cps
Boron	10-1	3676	3928	3824	3809	3.32	cps
Boron	11-1	16770	17821	17989	17527	3.77	cps
Bromine	81-1	28629	28258	28498	28462	0.66	cps
Cadmium	111-1	7293	7179	7071	7181	1.55	cps
Cadmium	106-1	5251	5218	4893	5121	3.87	cps
Cadmium	108-1	292	308	304	301	2.88	cps
Calcium	43-1	2767719	2898111	2816211	2827347	2.33	cps
Calcium	44-1	45808212	46422042	46455647	46228634	0.79	cps
Carbon	12-1	6616463	6649325	6531671	6599153	0.92	cps
Carbon	12-2	66777	66979	64936	66231	1.70	cps
Chlorine	35-1	48674751	55577599	59181235	54477862	9.80	cps
Chlorine	35-2	409737	418512	426131	418127	1.96	cps
Chromium	52-2	47342	45215	46275	46277	2.30	cps
Cobalt	59-2	54005	53594	52808	53469	1.14	cps
Copper	63-2	164043	165153	163824	164340	0.43	cps
Dysprosium	156-1	35239	35423	36142	35601	1.34	cps
Dysprosium	156-2	18116	17795	17922	17944	0.90	cps
Erbium	164-1	27830	27521	27321	27557	0.93	cps
Erbium	164-2	14755	14852	14368	14658	1.75	cps
Gadolinium	160-1	31279	30895	31337	31170	0.77	cps
Gadolinium	160-2	19438	19314	19341	19364	0.34	cps
Holmium	165-1	8427202	8188244	7936425	8183957	3.00	cps
Holmium	165-2	4716319	4619971	4501383	4612558	2.33	cps
Indium	115-1	8543881	8605053	8395657	8514864	1.26	cps
Indium	115-2	1410070	1385842	1387395	1394436	0.97	cps
Iron	54-2	2971670	2939975	2902613	2938086	1.18	cps
Iron	56-2	52961993	53478712	51744094	52728266	1.69	cps
Iron	57-2	1317696	1299614	1293284	1303531	0.97	cps

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : M4778-05 Instrumnet Name : P8  
 Client Sample ID : H0AP5 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 15:02:28 DataFile Name : 028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	830	820	723	791	7.45	cps
Lead	206-1	587549	601257	585457	591421	1.45	cps
Lead	207-1	503729	499666	507905	503767	0.82	cps
Lead	208-1	2309654	2333853	2341377	2328295	0.71	cps
Lithium	6-1	3936855	4083320	3829558	3949911	3.22	cps
Magnesium	24-2	1292001	1301326	1313089	1302138	0.81	cps
Manganese	55-2	663269	670169	655250	662896	1.13	cps
Molybdenum	94-1	13340	14266	13999	13868	3.44	cps
Molybdenum	95-1	10988	10688	11080	10918	1.88	cps
Molybdenum	96-1	13499	13766	14383	13882	3.27	cps
Molybdenum	97-1	6977	7069	6518	6855	4.30	cps
Molybdenum	98-1	17011	16777	17211	17000	1.28	cps
Neodymium	150-1	59914	61635	59358	60302	1.97	cps
Neodymium	150-2	24005	23484	23207	23565	1.72	cps
Nickel	60-2	29998	30002	28990	29663	1.97	cps
Phosphorus	31-2	6360	6635	6385	6460	2.35	cps
Potassium	39-2	459472	460153	460479	460034	0.11	cps
Rhodium	103-1	8733118	8627223	8143652	8501331	3.70	cps
Rhodium	103-2	4234576	4100540	4142599	4159238	1.65	cps
Scandium	45-1	7869880	7669324	7392166	7643790	3.14	cps
Scandium	45-2	232850	231981	227707	230846	1.19	cps
Selenium	82-1	169	218	290	226	27.05	cps
Selenium	77-2	133	150	127	137	8.79	cps
Selenium	78-2	174	175	152	167	7.78	cps
Silicon	28-1	14269045	14236082	14099952	14201693	0.63	cps
Silver	107-1	7069	6785	6835	6896	2.19	cps
Silver	109-1	6235	6660	6643	6513	3.70	cps
Sodium	23-2	142468	141786	142474	142243	0.28	cps
Strontium	86-1	640949	658475	643989	647804	1.45	cps
Strontium	88-1	5327996	5472639	5391385	5397340	1.34	cps
Sulfur	34-1	477898	478548	479242	478563	0.14	cps
Terbium	159-1	8952398	8869678	8470401	8764159	2.94	cps
Terbium	159-2	4748422	4657763	4766890	4724358	1.24	cps
Thallium	203-1	2525	2475	2517	2506	1.07	cps
Thallium	205-1	5910	5893	5785	5863	1.16	cps
Tin	118-1	50427	50812	49381	50207	1.47	cps

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : M4778-05 Instrumnet Name : P8  
 Client Sample ID : H0AP5 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 15:02:28 DataFile Name : 028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	272626	265931	274319	270959	1.64	cps
Uranium	238-1	28600	28809	30195	29201	2.97	cps
Vanadium	51-2	141953	140917	141175	141348	0.38	cps
Ytterbium	172-1	7669	7919	7669	7752	1.86	cps
Ytterbium	172-2	4840	4812	4790	4814	0.52	cps
Ytterbium	176-1	5968	6143	5460	5857	6.06	cps
Ytterbium	176-2	9098	9076	9176	9116	0.58	cps
Yttrium	89-1	16026779	15988835	15364967	15793527	2.35	cps
Yttrium	89-2	1801196	1747378	1747239	1765271	1.76	cps
Zinc	66-2	96943	95802	95949	96231	0.64	cps
Zirconium	90-1	21175	22585	21300	21687	3.60	cps
Zirconium	91-1	4684	4959	4618	4754	3.81	cps

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : M4778-06 Instrumnet Name : P8  
 Client Sample ID : H0AP6 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 15:05:23 DataFile Name : 029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	788773	782270	786484	785843	0.42	cps
Antimony	121-1	8995	8920	9003	8973	0.51	cps
Arsenic	75-2	4661	4613	4678	4651	0.73	cps
Barium	135-1	634005	644368	632081	636818	1.04	cps
Barium	137-1	1110430	1081362	1088699	1093497	1.38	cps
Beryllium	9-1	2614	2404	2518	2512	4.19	cps
Bismuth	209-1	4231350	4352976	4272706	4285677	1.44	cps
Bismuth	209-2	3131509	3054595	3079076	3088393	1.27	cps
Boron	10-1	3648	4002	4210	3953	7.19	cps
Boron	11-1	17627	18880	19379	18629	4.85	cps
Bromine	81-1	26162	27024	27395	26860	2.36	cps
Cadmium	111-1	8540	8279	8172	8330	2.28	cps
Cadmium	106-1	5126	4768	4826	4907	3.92	cps
Cadmium	108-1	392	454	433	426	7.46	cps
Calcium	43-1	2281360	2230926	2225633	2245973	1.37	cps
Calcium	44-1	35980351	35743490	35940781	35888207	0.35	cps
Carbon	12-1	6597420	6731685	6860215	6729773	1.95	cps
Carbon	12-2	65271	66719	66919	66303	1.36	cps
Chlorine	35-1	44775312	48912488	54148120	49278640	9.53	cps
Chlorine	35-2	400645	422868	432580	418697	3.91	cps
Chromium	52-2	51556	51385	50392	51111	1.23	cps
Cobalt	59-2	52249	50911	52891	52017	1.94	cps
Copper	63-2	224770	227021	225317	225703	0.52	cps
Dysprosium	156-1	34253	36417	37161	35944	4.20	cps
Dysprosium	156-2	18182	18309	18857	18450	1.94	cps
Erbium	164-1	27329	28440	27412	27727	2.23	cps
Erbium	164-2	14598	14932	15192	14907	2.00	cps
Gadolinium	160-1	32499	32499	32549	32515	0.09	cps
Gadolinium	160-2	19698	19481	19114	19431	1.52	cps
Holmium	165-1	8368634	8063745	7777235	8069871	3.66	cps
Holmium	165-2	4644612	4682054	4538548	4621738	1.61	cps
Indium	115-1	8234338	8416940	8277718	8309665	1.15	cps
Indium	115-2	1385166	1383768	1389085	1386007	0.20	cps
Iron	54-2	3231042	3131714	3171205	3177987	1.57	cps
Iron	56-2	57549962	59246857	57940897	58245905	1.53	cps
Iron	57-2	1479300	1524959	1506185	1503481	1.53	cps



LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : M4778-06 Instrumnet Name : P8  
 Client Sample ID : H0AP6 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 15:05:23 DataFile Name : 029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	740	787	770	766	3.09	cps
Lead	206-1	978072	986180	972147	978799	0.72	cps
Lead	207-1	861603	833848	809038	834830	3.15	cps
Lead	208-1	4002948	3969826	3908830	3960535	1.21	cps
Lithium	6-1	3872888	4057153	3862434	3930825	2.79	cps
Magnesium	24-2	1237188	1241669	1217014	1231957	1.07	cps
Manganese	55-2	845489	852170	841502	846387	0.64	cps
Molybdenum	94-1	14642	14416	14133	14397	1.77	cps
Molybdenum	95-1	9554	10196	10162	9971	3.63	cps
Molybdenum	96-1	12965	13132	13082	13059	0.66	cps
Molybdenum	97-1	6410	6527	6410	6449	1.04	cps
Molybdenum	98-1	15835	15868	15367	15690	1.78	cps
Neodymium	150-1	60878	59418	59585	59960	1.33	cps
Neodymium	150-2	23477	23371	23571	23473	0.43	cps
Nickel	60-2	32541	32304	31565	32136	1.58	cps
Phosphorus	31-2	7185	6935	7152	7091	1.92	cps
Potassium	39-2	466311	469514	466523	467449	0.38	cps
Rhodium	103-1	8425650	8352190	8207305	8328382	1.33	cps
Rhodium	103-2	4111636	4186846	4261881	4186788	1.79	cps
Scandium	45-1	7385065	7567109	7356518	7436231	1.54	cps
Scandium	45-2	227657	225971	225645	226424	0.48	cps
Selenium	82-1	250	210	279	246	14.01	cps
Selenium	77-2	173	113	87	124	35.67	cps
Selenium	78-2	156	140	146	147	5.49	cps
Silicon	28-1	23506042	23516866	23690123	23571010	0.44	cps
Silver	107-1	10513	10554	10755	10607	1.22	cps
Silver	109-1	10212	10154	10579	10315	2.23	cps
Sodium	23-2	125471	129355	128220	127682	1.56	cps
Strontium	86-1	590146	586291	583040	586493	0.61	cps
Strontium	88-1	4979316	4953135	4918704	4950385	0.61	cps
Sulfur	34-1	464781	466396	471061	467413	0.70	cps
Terbium	159-1	8489875	8736386	8797075	8674445	1.88	cps
Terbium	159-2	4602543	4599295	4537359	4579732	0.80	cps
Thallium	203-1	2484	2692	2384	2520	6.24	cps
Thallium	205-1	5543	5235	5601	5460	3.61	cps
Tin	118-1	39726	41271	41447	40815	2.32	cps

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : M4778-06 Instrumnet Name : P8  
 Client Sample ID : H0AP6 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 15:05:23 DataFile Name : 029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	273618	271987	277917	274507	1.12	cps
Uranium	238-1	28015	27890	29201	28369	2.55	cps
Vanadium	51-2	128488	128777	130963	129409	1.05	cps
Ytterbium	172-1	7611	8144	7544	7766	4.24	cps
Ytterbium	172-2	5101	5179	4823	5034	3.71	cps
Ytterbium	176-1	5710	5668	6085	5821	3.94	cps
Ytterbium	176-2	9392	9059	9604	9352	2.94	cps
Yttrium	89-1	15845598	15649270	15698710	15731193	0.65	cps
Yttrium	89-2	1753644	1749741	1748481	1750622	0.15	cps
Zinc	66-2	171218	169011	168848	169692	0.78	cps
Zirconium	90-1	23637	24138	25215	24330	3.31	cps
Zirconium	91-1	5560	5293	5843	5565	4.94	cps

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : M4778-07 Instrumnet Name : P8  
 Client Sample ID : H0AP7 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 15:08:19 DataFile Name : 030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	832845	824938	831889	829891	0.52	cps
Antimony	121-1	7877	7210	7986	7691	5.46	cps
Arsenic	75-2	7916	7978	7960	7951	0.40	cps
Barium	135-1	583984	578304	591210	584500	1.11	cps
Barium	137-1	1006826	1012249	1048477	1022517	2.21	cps
Beryllium	9-1	2598	2322	2458	2459	5.61	cps
Bismuth	209-1	4186436	4326708	4058888	4190677	3.20	cps
Bismuth	209-2	3025639	3072828	3016434	3038300	1.00	cps
Boron	10-1	2494	2532	2528	2518	0.83	cps
Boron	11-1	12007	11902	12355	12088	1.96	cps
Bromine	81-1	29351	30375	29943	29889	1.72	cps
Cadmium	111-1	9998	9923	10186	10036	1.35	cps
Cadmium	106-1	5376	5610	5210	5398	3.72	cps
Cadmium	108-1	542	608	513	554	8.86	cps
Calcium	43-1	1356710	1377819	1365612	1366714	0.78	cps
Calcium	44-1	21957016	22472215	22394611	22274614	1.25	cps
Carbon	12-1	6422330	6744179	6607117	6591209	2.45	cps
Carbon	12-2	66024	64434	62995	64484	2.35	cps
Chlorine	35-1	50056305	54125057	58016710	54066024	7.36	cps
Chlorine	35-2	401117	415878	428844	415280	3.34	cps
Chromium	52-2	46342	46733	45673	46249	1.16	cps
Cobalt	59-2	51162	50834	50111	50702	1.06	cps
Copper	63-2	199011	197470	198430	198303	0.39	cps
Dysprosium	156-1	38406	39158	39986	39183	2.02	cps
Dysprosium	156-2	19902	19391	19444	19579	1.43	cps
Erbium	164-1	30477	30077	29533	30029	1.58	cps
Erbium	164-2	16310	15226	15342	15626	3.81	cps
Gadolinium	160-1	34922	34245	35523	34896	1.83	cps
Gadolinium	160-2	21137	21444	20900	21160	1.29	cps
Holmium	165-1	8360747	8351468	7688948	8133721	4.74	cps
Holmium	165-2	4580830	4638757	4536332	4585306	1.12	cps
Indium	115-1	8489770	8748725	8142486	8460327	3.60	cps
Indium	115-2	1413229	1396674	1384126	1398009	1.04	cps
Iron	54-2	3030754	3026960	3038918	3032211	0.20	cps
Iron	56-2	54560479	55332114	54048361	54646985	1.18	cps
Iron	57-2	1345238	1360302	1408299	1371280	2.40	cps

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : M4778-07 Instrumnet Name : P8  
 Client Sample ID : H0AP7 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 15:08:19 DataFile Name : 030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	730	893	810	811	10.07	cps
Lead	206-1	1132076	1112272	1146247	1130198	1.51	cps
Lead	207-1	976009	977925	967210	973715	0.59	cps
Lead	208-1	4529119	4574982	4619548	4574549	0.99	cps
Lithium	6-1	4008982	4105064	3785049	3966365	4.14	cps
Magnesium	24-2	1296599	1263202	1235775	1265192	2.41	cps
Manganese	55-2	681069	678376	673783	677743	0.54	cps
Molybdenum	94-1	13741	13991	13565	13766	1.55	cps
Molybdenum	95-1	8928	8253	8144	8442	5.03	cps
Molybdenum	96-1	11830	11088	11488	11469	3.24	cps
Molybdenum	97-1	5126	5068	4993	5062	1.32	cps
Molybdenum	98-1	13549	13357	13807	13571	1.67	cps
Neodymium	150-1	69312	69888	69982	69727	0.52	cps
Neodymium	150-2	25588	25641	24890	25373	1.65	cps
Nickel	60-2	29858	29617	29617	29698	0.47	cps
Phosphorus	31-2	5635	5343	5610	5529	2.93	cps
Potassium	39-2	389354	394257	395330	392980	0.81	cps
Rhodium	103-1	8425565	8746844	7902885	8358431	5.10	cps
Rhodium	103-2	4237377	4280993	4181718	4233363	1.18	cps
Scandium	45-1	7691681	8021623	7075908	7596404	6.32	cps
Scandium	45-2	229547	227451	228032	228343	0.47	cps
Selenium	82-1	249	111	178	179	38.53	cps
Selenium	77-2	107	110	127	114	9.36	cps
Selenium	78-2	145	152	160	152	4.93	cps
Silicon	28-1	24126112	24660434	23975783	24254110	1.48	cps
Silver	107-1	7602	7561	8153	7772	4.25	cps
Silver	109-1	7344	7661	7436	7480	2.18	cps
Sodium	23-2	115572	112676	111288	113179	1.93	cps
Strontium	86-1	367935	386944	379389	378089	2.53	cps
Strontium	88-1	3187660	3217045	3275635	3226780	1.39	cps
Sulfur	34-1	464927	471225	466140	467431	0.71	cps
Terbium	159-1	8829006	8836658	8489168	8718277	2.28	cps
Terbium	159-2	4800887	4560261	4606740	4655963	2.74	cps
Thallium	203-1	2525	2584	2409	2506	3.56	cps
Thallium	205-1	5560	5493	6268	5774	7.44	cps
Tin	118-1	17253	17244	17011	17169	0.80	cps

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : M4778-07 Instrumnet Name : P8  
 Client Sample ID : H0AP7 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 15:08:19 DataFile Name : 030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	239292	233579	248041	240304	3.03	cps
Uranium	238-1	25510	25343	25785	25546	0.87	cps
Vanadium	51-2	125152	127018	125868	126013	0.75	cps
Ytterbium	172-1	8211	7794	8219	8075	3.01	cps
Ytterbium	172-2	5079	5251	5190	5173	1.69	cps
Ytterbium	176-1	6285	6318	5835	6146	4.39	cps
Ytterbium	176-2	9109	8820	9215	9048	2.26	cps
Yttrium	89-1	16030035	16479334	15179461	15896277	4.15	cps
Yttrium	89-2	1764015	1770280	1775502	1769933	0.32	cps
Zinc	66-2	115394	114160	116000	115185	0.81	cps
Zirconium	90-1	25123	24305	26142	25190	3.65	cps
Zirconium	91-1	5276	5610	5476	5454	3.08	cps

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : M4778-08 Instrumnet Name : P8  
 Client Sample ID : H0AP8 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 15:11:14 DataFile Name : 031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1348158	1353827	1375457	1359147	1.06	cps
Antimony	121-1	52912	53104	52761	52925	0.32	cps
Arsenic	75-2	6813	6495	6652	6654	2.39	cps
Barium	135-1	1624251	1632352	1622004	1626202	0.33	cps
Barium	137-1	2793175	2787839	2817666	2799560	0.57	cps
Beryllium	9-1	6182	6066	6502	6250	3.61	cps
Bismuth	209-1	4273449	4291957	4252653	4272686	0.46	cps
Bismuth	209-2	3078465	3139847	3021500	3079937	1.92	cps
Boron	10-1	16224	17711	18322	17419	6.20	cps
Boron	11-1	77189	82741	87399	82443	6.20	cps
Bromine	81-1	29923	29541	30666	30043	1.90	cps
Cadmium	111-1	12448	12402	12092	12314	1.57	cps
Cadmium	106-1	5751	5660	5635	5682	1.08	cps
Cadmium	108-1	688	846	746	760	10.54	cps
Calcium	43-1	2647089	2739632	2731587	2706103	1.89	cps
Calcium	44-1	42923700	44728751	42827945	43493465	2.46	cps
Carbon	12-1	9099826	8934261	9204782	9079623	1.50	cps
Carbon	12-2	91997	88299	88459	89585	2.33	cps
Chlorine	35-1	50817624	57299389	60639516	56252176	8.88	cps
Chlorine	35-2	417100	429694	431118	425971	1.81	cps
Chromium	52-2	82801	82010	81460	82090	0.82	cps
Cobalt	59-2	68344	67807	67559	67903	0.59	cps
Copper	63-2	593993	606474	604781	601749	1.13	cps
Dysprosium	156-1	39159	41115	40312	40195	2.45	cps
Dysprosium	156-2	20245	20569	19327	20047	3.21	cps
Erbium	164-1	32950	32156	34061	33056	2.89	cps
Erbium	164-2	17866	17952	17689	17836	0.75	cps
Gadolinium	160-1	35356	35005	36334	35565	1.94	cps
Gadolinium	160-2	22012	21377	21357	21582	1.72	cps
Holmium	165-1	8436228	7995934	8096430	8176197	2.82	cps
Holmium	165-2	4662031	4645277	4636134	4647814	0.28	cps
Indium	115-1	8685728	8647808	8382365	8571967	1.93	cps
Indium	115-2	1422866	1403523	1411079	1412489	0.69	cps
Iron	54-2	3440453	3416330	3329777	3395520	1.71	cps
Iron	56-2	59726529	60189819	61893781	60603376	1.88	cps
Iron	57-2	1553001	1553824	1571261	1559362	0.66	cps

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : M4778-08 Instrumnet Name : P8  
 Client Sample ID : H0AP8 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 15:11:14 DataFile Name : 031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	837	840	753	810	6.06	cps
Lead	206-1	6212316	6391756	6414866	6339646	1.75	cps
Lead	207-1	5323229	5344351	5450687	5372756	1.27	cps
Lead	208-1	24214632	24785064	24902056	24633917	1.49	cps
Lithium	6-1	3918503	3898387	3926015	3914302	0.36	cps
Magnesium	24-2	1096667	1114507	1103803	1104992	0.81	cps
Manganese	55-2	1300481	1312188	1309148	1307272	0.46	cps
Molybdenum	94-1	32422	32489	32798	32570	0.62	cps
Molybdenum	95-1	18964	19222	18663	18950	1.48	cps
Molybdenum	96-1	25157	24589	25324	25023	1.54	cps
Molybdenum	97-1	11538	11789	11347	11558	1.92	cps
Molybdenum	98-1	29975	29950	29541	29822	0.82	cps
Neodymium	150-1	65219	66338	65534	65697	0.88	cps
Neodymium	150-2	24720	25147	25461	25109	1.48	cps
Nickel	60-2	35832	34993	34746	35190	1.62	cps
Phosphorus	31-2	9120	9837	9620	9526	3.86	cps
Potassium	39-2	422988	428603	419779	423790	1.05	cps
Rhodium	103-1	8616679	8419626	8125560	8387289	2.95	cps
Rhodium	103-2	4305532	4129577	4308683	4247931	2.41	cps
Scandium	45-1	7587726	7705814	7631037	7641526	0.78	cps
Scandium	45-2	234416	231362	231816	232531	0.71	cps
Selenium	82-1	392	330	377	366	8.84	cps
Selenium	77-2	140	123	127	130	6.78	cps
Selenium	78-2	175	158	161	165	5.51	cps
Silicon	28-1	16307139	15664260	15799910	15923770	2.13	cps
Silver	107-1	17128	17962	17395	17495	2.44	cps
Silver	109-1	16427	15843	16210	16160	1.83	cps
Sodium	23-2	776186	766591	767435	770070	0.69	cps
Strontium	86-1	1738711	1760846	1716437	1738665	1.28	cps
Strontium	88-1	14518859	15156184	14584713	14753252	2.38	cps
Sulfur	34-1	571854	572292	577299	573815	0.53	cps
Terbium	159-1	9077765	8783004	8775751	8878840	1.94	cps
Terbium	159-2	4580097	4592816	4665227	4612714	1.00	cps
Thallium	203-1	2334	2425	2000	2253	9.93	cps
Thallium	205-1	5243	5601	5135	5326	4.59	cps
Tin	118-1	266083	263270	269160	266171	1.11	cps

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : M4778-08 Instrumnet Name : P8  
 Client Sample ID : H0AP8 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 15:11:14 DataFile Name : 031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	781377	768171	784249	777932	1.10	cps
Uranium	238-1	45625	47247	46210	46361	1.77	cps
Vanadium	51-2	160496	159448	157173	159039	1.07	cps
Ytterbium	172-1	11722	10596	10880	11066	5.29	cps
Ytterbium	172-2	6880	7213	6996	7030	2.41	cps
Ytterbium	176-1	7536	8069	7886	7830	3.46	cps
Ytterbium	176-2	10454	10899	10955	10769	2.55	cps
Yttrium	89-1	16534350	17031181	16191759	16585763	2.54	cps
Yttrium	89-2	1791274	1763963	1840823	1798687	2.17	cps
Zinc	66-2	437801	444648	445821	442757	0.98	cps
Zirconium	90-1	62365	61830	62198	62131	0.44	cps
Zirconium	91-1	13715	13507	14224	13816	2.67	cps



LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : M4778-09 Instrumnet Name : P8  
 Client Sample ID : H0AP9 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 15:14:09 DataFile Name : 032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1474638	1427446	1403380	1435155	2.53	cps
Antimony	121-1	55397	56593	56300	56096	1.11	cps
Arsenic	75-2	6930	6837	6841	6870	0.77	cps
Barium	135-1	1897881	1837768	1878432	1871360	1.64	cps
Barium	137-1	3233102	3097405	3127459	3152655	2.26	cps
Beryllium	9-1	6626	6956	6962	6848	2.81	cps
Bismuth	209-1	4271162	4390208	4267585	4309652	1.62	cps
Bismuth	209-2	3153921	3028556	3107954	3096810	2.05	cps
Boron	10-1	19301	19936	21550	20262	5.72	cps
Boron	11-1	89369	96616	100993	95659	6.14	cps
Bromine	81-1	30294	29913	30686	30298	1.27	cps
Cadmium	111-1	12295	12298	11988	12194	1.46	cps
Cadmium	106-1	5426	5610	5476	5504	1.72	cps
Cadmium	108-1	742	700	783	742	5.62	cps
Calcium	43-1	2797551	2865932	2837147	2833543	1.21	cps
Calcium	44-1	45428224	46740175	46078115	46082171	1.42	cps
Carbon	12-1	9759703	9914059	9517635	9730465	2.05	cps
Carbon	12-2	93826	94092	93380	93766	0.38	cps
Chlorine	35-1	53447831	59537051	62713118	58566000	8.04	cps
Chlorine	35-2	427085	443765	449557	440135	2.65	cps
Chromium	52-2	81983	82687	80907	81859	1.10	cps
Cobalt	59-2	71559	73552	72256	72456	1.40	cps
Copper	63-2	578702	571747	575772	575407	0.61	cps
Dysprosium	156-1	39885	42820	40964	41223	3.60	cps
Dysprosium	156-2	21761	21397	21050	21403	1.66	cps
Erbium	164-1	35055	36643	34704	35468	2.91	cps
Erbium	164-2	18854	19257	19297	19136	1.28	cps
Gadolinium	160-1	38590	36208	38381	37727	3.50	cps
Gadolinium	160-2	22683	23027	23571	23094	1.94	cps
Holmium	165-1	8183288	8277218	8297367	8252624	0.74	cps
Holmium	165-2	4647161	4574069	4660756	4627329	1.01	cps
Indium	115-1	8193015	8398340	8336667	8309340	1.27	cps
Indium	115-2	1397972	1403740	1396930	1399547	0.26	cps
Iron	54-2	3624269	3576134	3632096	3610833	0.84	cps
Iron	56-2	66869513	64278158	65636471	65594714	1.98	cps
Iron	57-2	1698146	1685977	1626070	1670064	2.31	cps

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : M4778-09 Instrumnet Name : P8  
 Client Sample ID : H0AP9 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 15:14:09 DataFile Name : 032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	750	837	847	811	6.55	cps
Lead	206-1	6578448	6600923	6844448	6674606	2.21	cps
Lead	207-1	5656285	5717096	5950771	5774717	2.69	cps
Lead	208-1	25898149	26408533	27080103	26462262	2.24	cps
Lithium	6-1	3992685	3852730	3908038	3917818	1.80	cps
Magnesium	24-2	1164864	1112714	1123555	1133711	2.43	cps
Manganese	55-2	1374276	1376450	1382746	1377824	0.32	cps
Molybdenum	94-1	33224	34836	34777	34279	2.67	cps
Molybdenum	95-1	17353	17436	17670	17486	0.94	cps
Molybdenum	96-1	23704	23596	24138	23813	1.21	cps
Molybdenum	97-1	10654	10279	10729	10554	2.29	cps
Molybdenum	98-1	26851	27228	27937	27339	2.02	cps
Neodymium	150-1	67851	71329	68629	69270	2.63	cps
Neodymium	150-2	25878	25738	26176	25931	0.86	cps
Nickel	60-2	36647	36554	36674	36625	0.17	cps
Phosphorus	31-2	10763	9779	9795	10112	5.57	cps
Potassium	39-2	430758	434752	436201	433904	0.65	cps
Rhodium	103-1	8387551	8478470	8429930	8431983	0.54	cps
Rhodium	103-2	4199501	4287662	4172319	4219827	1.43	cps
Scandium	45-1	7710039	7777363	7586912	7691438	1.26	cps
Scandium	45-2	231837	233456	230239	231844	0.69	cps
Selenium	82-1	448	377	303	376	19.34	cps
Selenium	77-2	93	123	153	123	24.33	cps
Selenium	78-2	192	164	165	174	9.15	cps
Silicon	28-1	21470584	21577384	21412266	21486744	0.39	cps
Silver	107-1	20224	21651	20524	20800	3.62	cps
Silver	109-1	18964	20340	20224	19843	3.85	cps
Sodium	23-2	824288	838686	829766	830914	0.87	cps
Strontium	86-1	1865658	1824827	1846716	1845734	1.11	cps
Strontium	88-1	15582208	15465849	15513658	15520572	0.38	cps
Sulfur	34-1	574718	571501	570897	572372	0.36	cps
Terbium	159-1	8795624	8904873	9093360	8931286	1.69	cps
Terbium	159-2	4701286	4572488	4602251	4625342	1.46	cps
Thallium	203-1	2084	2242	2175	2167	3.67	cps
Thallium	205-1	4843	4959	5168	4990	3.30	cps
Tin	118-1	336809	344053	336131	338998	1.30	cps

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : M4778-09 Instrumnet Name : P8  
 Client Sample ID : H0AP9 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 15:14:09 DataFile Name : 032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	862632	880106	875161	872633	1.03	cps
Uranium	238-1	48820	50502	48025	49116	2.57	cps
Vanadium	51-2	171134	166969	168975	169026	1.23	cps
Ytterbium	172-1	11214	11389	11405	11336	0.94	cps
Ytterbium	172-2	8192	7625	7914	7910	3.58	cps
Ytterbium	176-1	8628	7903	8453	8328	4.55	cps
Ytterbium	176-2	10232	11166	11027	10808	4.66	cps
Yttrium	89-1	16312989	16658410	16543791	16505063	1.07	cps
Yttrium	89-2	1850322	1806994	1795433	1817583	1.59	cps
Zinc	66-2	445923	452140	447762	448608	0.71	cps
Zirconium	90-1	71158	69692	70638	70496	1.05	cps
Zirconium	91-1	15084	15367	14808	15086	1.85	cps

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : M4778-10 Instrumnet Name : P8  
 Client Sample ID : H0AQ0 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 15:17:02 DataFile Name : 033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	714315	710275	703048	709212	0.80	cps
Antimony	121-1	17520	17603	18279	17801	2.34	cps
Arsenic	75-2	7753	7952	7917	7874	1.35	cps
Barium	135-1	624710	643190	637363	635088	1.49	cps
Barium	137-1	1077307	1100255	1093398	1090320	1.08	cps
Beryllium	9-1	1958	2044	2024	2008	2.24	cps
Bismuth	209-1	4298778	4149907	4096843	4181843	2.50	cps
Bismuth	209-2	3137994	3101745	3210532	3150090	1.76	cps
Boron	10-1	4662	4696	4870	4743	2.35	cps
Boron	11-1	22681	22471	22070	22407	1.38	cps
Bromine	81-1	27024	28538	28860	28141	3.48	cps
Cadmium	111-1	15751	14919	15646	15439	2.93	cps
Cadmium	106-1	5826	5343	5451	5540	4.58	cps
Cadmium	108-1	863	1079	983	975	11.14	cps
Calcium	43-1	2887482	2851686	2805037	2848068	1.45	cps
Calcium	44-1	45574226	45165879	45848543	45529549	0.75	cps
Carbon	12-1	6403874	6763433	6841123	6669477	3.50	cps
Carbon	12-2	65739	66367	65682	65929	0.58	cps
Chlorine	35-1	49109200	54384462	56857524	53450395	7.40	cps
Chlorine	35-2	391758	392799	391590	392049	0.17	cps
Chromium	52-2	52305	52349	52860	52505	0.59	cps
Cobalt	59-2	50559	50118	49666	50115	0.89	cps
Copper	63-2	312461	316583	309398	312814	1.15	cps
Dysprosium	156-1	35139	34379	36208	35242	2.61	cps
Dysprosium	156-2	17749	17258	17318	17441	1.53	cps
Erbium	164-1	25058	26093	27671	26274	5.01	cps
Erbium	164-2	14118	13994	13500	13871	2.36	cps
Gadolinium	160-1	29584	31613	30636	30611	3.32	cps
Gadolinium	160-2	19374	19117	18947	19146	1.12	cps
Holmium	165-1	8208249	8365776	8162469	8245498	1.29	cps
Holmium	165-2	4664949	4767319	4760743	4731004	1.21	cps
Indium	115-1	8267839	8309778	8332001	8303206	0.39	cps
Indium	115-2	1395474	1398428	1433532	1409145	1.50	cps
Iron	54-2	3673172	3609142	3632657	3638323	0.89	cps
Iron	56-2	65943770	66048618	63538615	65177001	2.18	cps
Iron	57-2	1661326	1663951	1626571	1650616	1.26	cps

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : M4778-10 Instrumnet Name : P8  
 Client Sample ID : H0AQ0 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 15:17:02 DataFile Name : 033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	783	813	817	804	2.28	cps
Lead	206-1	1444724	1463327	1438150	1448734	0.90	cps
Lead	207-1	1253052	1258227	1242737	1251339	0.63	cps
Lead	208-1	5929630	5902460	5815536	5882542	1.01	cps
Lithium	6-1	3865251	3924711	3922624	3904195	0.86	cps
Magnesium	24-2	1144003	1141309	1142556	1142623	0.12	cps
Manganese	55-2	708823	692417	688657	696632	1.54	cps
Molybdenum	94-1	15559	15075	15092	15242	1.80	cps
Molybdenum	95-1	15142	15225	14842	15070	1.34	cps
Molybdenum	96-1	18071	18004	18813	18296	2.45	cps
Molybdenum	97-1	9645	8811	9729	9395	5.40	cps
Molybdenum	98-1	23721	23237	24063	23674	1.75	cps
Neodymium	150-1	58340	59164	59037	58847	0.75	cps
Neodymium	150-2	22305	22846	22052	22401	1.81	cps
Nickel	60-2	30059	29875	29597	29844	0.78	cps
Phosphorus	31-2	6385	5660	5626	5890	7.28	cps
Potassium	39-2	423549	428066	421353	424322	0.81	cps
Rhodium	103-1	8407234	8582961	8366036	8452077	1.36	cps
Rhodium	103-2	4251326	4131940	4420998	4268088	3.40	cps
Scandium	45-1	7437948	7430776	7439183	7435969	0.06	cps
Scandium	45-2	226852	228203	234089	229715	1.68	cps
Selenium	82-1	230	247	243	240	3.63	cps
Selenium	77-2	163	143	113	140	17.97	cps
Selenium	78-2	153	133	115	134	14.22	cps
Silicon	28-1	22328252	23713491	23205273	23082338	3.04	cps
Silver	107-1	13966	13899	14358	14074	1.76	cps
Silver	109-1	12731	13816	13390	13312	4.10	cps
Sodium	23-2	94104	96964	94531	95200	1.62	cps
Strontium	86-1	638717	619003	656983	638234	2.98	cps
Strontium	88-1	5304905	5302161	5444174	5350413	1.52	cps
Sulfur	34-1	473080	475136	476879	475031	0.40	cps
Terbium	159-1	8747537	8850874	8472721	8690378	2.25	cps
Terbium	159-2	4564769	4680720	4753276	4666255	2.04	cps
Thallium	203-1	2859	3142	2917	2973	5.03	cps
Thallium	205-1	6977	6477	6785	6746	3.74	cps
Tin	118-1	37928	36976	37778	37561	1.36	cps

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : M4778-10 Instrumnet Name : P8  
 Client Sample ID : H0AQ0 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 15:17:02 DataFile Name : 033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	408844	403128	418966	410313	1.95	cps
Uranium	238-1	40691	42330	42940	41987	2.77	cps
Vanadium	51-2	151870	150644	149368	150627	0.83	cps
Ytterbium	172-1	7135	7461	7477	7358	2.62	cps
Ytterbium	172-2	4840	4929	4518	4762	4.54	cps
Ytterbium	176-1	5518	5310	5451	5426	1.96	cps
Ytterbium	176-2	8369	9770	9192	9111	7.73	cps
Yttrium	89-1	16199028	16141414	15986615	16109019	0.68	cps
Yttrium	89-2	1789680	1760263	1837560	1795834	2.17	cps
Zinc	66-2	166435	166039	166555	166343	0.16	cps
Zirconium	90-1	19539	19514	20374	19809	2.47	cps
Zirconium	91-1	4401	4384	4526	4437	1.75	cps

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : M4778-11 Instrumnet Name : P8  
 Client Sample ID : H0AQ1 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 15:19:58 DataFile Name : 034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1286483	1321919	1256596	1288333	2.54	cps
Antimony	121-1	18730	19339	18630	18900	2.03	cps
Arsenic	75-2	5769	5978	5940	5896	1.89	cps
Barium	135-1	1339407	1374853	1370016	1361425	1.41	cps
Barium	137-1	2328524	2338115	2316319	2327653	0.47	cps
Beryllium	9-1	5110	5210	5084	5135	1.30	cps
Bismuth	209-1	4405394	4209381	4359679	4324818	2.37	cps
Bismuth	209-2	3040206	3138762	2830338	3003102	5.25	cps
Boron	10-1	11832	12679	13309	12607	5.88	cps
Boron	11-1	55508	58434	60075	58006	3.99	cps
Bromine	81-1	25670	28328	27456	27151	4.99	cps
Cadmium	111-1	14228	14575	14234	14346	1.38	cps
Cadmium	106-1	5685	6060	5576	5774	4.39	cps
Cadmium	108-1	746	804	879	810	8.25	cps
Calcium	43-1	2651586	2705497	2641726	2666270	1.29	cps
Calcium	44-1	42343742	41834918	41552111	41910257	0.96	cps
Carbon	12-1	8130789	8276328	8544165	8317094	2.52	cps
Carbon	12-2	84334	81174	80932	82147	2.31	cps
Chlorine	35-1	46831528	52098282	54049929	50993247	7.32	cps
Chlorine	35-2	376768	393454	409351	393191	4.14	cps
Chromium	52-2	78632	78507	80123	79087	1.14	cps
Cobalt	59-2	75633	75094	75368	75365	0.36	cps
Copper	63-2	441840	438436	444717	441664	0.71	cps
Dysprosium	156-1	46072	47084	45913	46356	1.37	cps
Dysprosium	156-2	23685	23391	24256	23777	1.85	cps
Erbium	164-1	35432	38114	38172	37239	4.20	cps
Erbium	164-2	20112	20175	19835	20041	0.90	cps
Gadolinium	160-1	41424	41808	42427	41886	1.21	cps
Gadolinium	160-2	24817	25471	25912	25400	2.17	cps
Holmium	165-1	8511871	8617721	8249616	8459736	2.24	cps
Holmium	165-2	4688076	4635709	4313656	4545814	4.46	cps
Indium	115-1	8643760	8581980	8485445	8570395	0.93	cps
Indium	115-2	1369929	1393923	1285404	1349752	4.22	cps
Iron	54-2	3919689	3928285	3891964	3913313	0.49	cps
Iron	56-2	70131774	71140413	72298977	71190388	1.52	cps
Iron	57-2	1779926	1770330	1817415	1789224	1.39	cps

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : M4778-11 Instrumnet Name : P8  
 Client Sample ID : H0AQ1 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 15:19:58 DataFile Name : 034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	847	830	897	858	4.05	cps
Lead	206-1	2811858	2860656	2807977	2826830	1.04	cps
Lead	207-1	2490892	2367447	2359505	2405948	3.06	cps
Lead	208-1	11207087	10839537	10966119	11004247	1.70	cps
Lithium	6-1	3941467	4001115	4108131	4016904	2.10	cps
Magnesium	24-2	1503801	1558906	1522897	1528534	1.83	cps
Manganese	55-2	1703075	1749969	1782250	1745098	2.28	cps
Molybdenum	94-1	31929	32756	33174	32620	1.94	cps
Molybdenum	95-1	20733	20925	20332	20663	1.46	cps
Molybdenum	96-1	28405	27687	27077	27723	2.40	cps
Molybdenum	97-1	12831	11822	12614	12423	4.28	cps
Molybdenum	98-1	31286	31420	31445	31383	0.27	cps
Neodymium	150-1	75760	77691	77256	76902	1.32	cps
Neodymium	150-2	29489	29743	28761	29331	1.74	cps
Nickel	60-2	45345	44075	43884	44435	1.79	cps
Phosphorus	31-2	10062	10504	10079	10215	2.45	cps
Potassium	39-2	728904	749984	733715	737534	1.50	cps
Rhodium	103-1	8562594	8392258	8321433	8425428	1.47	cps
Rhodium	103-2	4278543	4162972	3822963	4088159	5.79	cps
Scandium	45-1	7665422	7603389	7675976	7648262	0.51	cps
Scandium	45-2	228651	228829	211193	222891	4.55	cps
Selenium	82-1	416	443	339	399	13.54	cps
Selenium	77-2	163	187	170	173	6.93	cps
Selenium	78-2	188	193	185	189	2.14	cps
Silicon	28-1	25348679	24833182	25509634	25230498	1.40	cps
Silver	107-1	16761	16936	16293	16663	1.99	cps
Silver	109-1	15709	17128	17361	16733	5.34	cps
Sodium	23-2	480205	483309	484882	482799	0.49	cps
Strontium	86-1	1645250	1728603	1701428	1691761	2.51	cps
Strontium	88-1	14178807	14546667	14220716	14315397	1.41	cps
Sulfur	34-1	659529	650824	652898	654417	0.69	cps
Terbium	159-1	9090223	9042262	8827284	8986589	1.56	cps
Terbium	159-2	4533418	4543290	4205618	4427442	4.34	cps
Thallium	203-1	2759	2517	2700	2659	4.74	cps
Thallium	205-1	5902	5743	5660	5768	2.13	cps
Tin	118-1	96189	96725	96206	96373	0.32	cps



LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : M4778-11 Instrumnet Name : P8  
 Client Sample ID : H0AQ1 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 15:19:58 DataFile Name : 034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	748682	760265	772940	760629	1.60	cps
Uranium	238-1	50886	50168	50041	50365	0.90	cps
Vanadium	51-2	136773	134597	135764	135711	0.80	cps
Ytterbium	172-1	11397	11272	11347	11339	0.56	cps
Ytterbium	172-2	7008	7147	7019	7058	1.09	cps
Ytterbium	176-1	8028	7878	7611	7839	2.69	cps
Ytterbium	176-2	10099	10532	10377	10336	2.13	cps
Yttrium	89-1	17053023	16990425	16497558	16847002	1.81	cps
Yttrium	89-2	1812003	1762751	1651749	1742167	4.71	cps
Zinc	66-2	331234	335560	336991	334595	0.90	cps
Zirconium	90-1	59386	61093	60524	60334	1.44	cps
Zirconium	91-1	13515	13382	13348	13415	0.66	cps

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : M4778-12 Instrumnet Name : P8  
 Client Sample ID : H0AQ2 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 15:22:51 DataFile Name : 035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	778514	773458	770931	774301	0.50	cps
Antimony	121-1	16669	17820	16978	17156	3.47	cps
Arsenic	75-2	8316	8327	8192	8279	0.91	cps
Barium	135-1	923379	940787	927318	930495	0.98	cps
Barium	137-1	1603904	1603780	1612812	1606832	0.32	cps
Beryllium	9-1	3122	2842	3006	2990	4.71	cps
Bismuth	209-1	4268543	4223278	4234359	4242060	0.56	cps
Bismuth	209-2	3018557	3085739	3006617	3036971	1.40	cps
Boron	10-1	6710	6596	6946	6751	2.64	cps
Boron	11-1	29991	30466	31405	30621	2.35	cps
Bromine	81-1	26021	26813	27124	26653	2.13	cps
Cadmium	111-1	16018	16376	15987	16127	1.34	cps
Cadmium	106-1	5443	5901	5793	5712	4.20	cps
Cadmium	108-1	979	1017	1004	1000	1.91	cps
Calcium	43-1	2232742	2303204	2276318	2270755	1.57	cps
Calcium	44-1	35815553	37015404	36878159	36569706	1.80	cps
Carbon	12-1	6654393	7011805	7103031	6923076	3.42	cps
Carbon	12-2	66393	67163	64249	65935	2.29	cps
Chlorine	35-1	49492881	55810668	58589893	54631147	8.53	cps
Chlorine	35-2	390963	404880	409411	401751	2.39	cps
Chromium	52-2	51011	49927	51335	50758	1.45	cps
Cobalt	59-2	60749	59772	59156	59892	1.34	cps
Copper	63-2	332742	329058	322091	327964	1.65	cps
Dysprosium	156-1	39384	41599	39542	40175	3.08	cps
Dysprosium	156-2	20690	20382	21007	20693	1.51	cps
Erbium	164-1	31973	32641	32407	32340	1.05	cps
Erbium	164-2	16974	16741	16657	16791	0.98	cps
Gadolinium	160-1	35674	36492	36242	36136	1.16	cps
Gadolinium	160-2	22276	22012	22075	22121	0.62	cps
Holmium	165-1	8322347	8184735	8061485	8189522	1.59	cps
Holmium	165-2	4454539	4662696	4618087	4578441	2.39	cps
Indium	115-1	8668451	8608377	8494107	8590312	1.03	cps
Indium	115-2	1346082	1387264	1387029	1373458	1.73	cps
Iron	54-2	3460863	3349898	3360703	3390488	1.80	cps
Iron	56-2	60753403	60192493	59362004	60102633	1.16	cps
Iron	57-2	1582135	1519785	1532968	1544963	2.13	cps

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : M4778-12 Instrumnet Name : P8  
 Client Sample ID : H0AQ2 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 15:22:51 DataFile Name : 035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	817	907	720	814	11.46	cps
Lead	206-1	2133859	2181137	2181944	2165647	1.27	cps
Lead	207-1	1774413	1868298	1896500	1846404	3.46	cps
Lead	208-1	8212395	8410129	8499652	8374059	1.76	cps
Lithium	6-1	3963774	3941269	3942104	3949049	0.32	cps
Magnesium	24-2	1440528	1387887	1408461	1412292	1.88	cps
Manganese	55-2	1040425	1040958	1009253	1030212	1.76	cps
Molybdenum	94-1	26000	25073	24722	25265	2.61	cps
Molybdenum	95-1	14892	15175	14667	14911	1.71	cps
Molybdenum	96-1	20416	21142	20683	20747	1.77	cps
Molybdenum	97-1	9654	9637	9971	9754	1.93	cps
Molybdenum	98-1	23821	24873	24389	24361	2.16	cps
Neodymium	150-1	69131	70211	67054	68799	2.33	cps
Neodymium	150-2	26059	25388	25949	25798	1.40	cps
Nickel	60-2	36734	37680	35915	36776	2.40	cps
Phosphorus	31-2	7761	7227	7686	7558	3.82	cps
Potassium	39-2	641584	632467	634584	636212	0.75	cps
Rhodium	103-1	8485008	8325575	8464178	8424920	1.03	cps
Rhodium	103-2	3991077	4140971	4195440	4109163	2.58	cps
Scandium	45-1	7587235	7584063	7416966	7529421	1.29	cps
Scandium	45-2	218515	227186	226377	224026	2.14	cps
Selenium	82-1	274	214	374	287	28.13	cps
Selenium	77-2	140	157	147	148	5.68	cps
Selenium	78-2	167	149	168	161	6.63	cps
Silicon	28-1	23651557	24020071	25187745	24286458	3.30	cps
Silver	107-1	19506	19706	18496	19236	3.37	cps
Silver	109-1	18738	17311	19322	18457	5.60	cps
Sodium	23-2	197702	197073	198939	197905	0.48	cps
Strontium	86-1	1091092	1062585	1069787	1074488	1.38	cps
Strontium	88-1	9113702	9318331	8855528	9095854	2.55	cps
Sulfur	34-1	498023	496323	500171	498172	0.39	cps
Terbium	159-1	8500410	8827973	8469584	8599322	2.31	cps
Terbium	159-2	4288066	4595463	4620281	4501270	4.11	cps
Thallium	203-1	2442	2250	2392	2361	4.21	cps
Thallium	205-1	5418	5743	5651	5604	2.99	cps
Tin	118-1	65726	67492	66152	66457	1.39	cps

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : M4778-12 Instrumnet Name : P8  
 Client Sample ID : H0AQ2 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 15:22:51 DataFile Name : 035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	472675	473892	466776	471114	0.81	cps
Uranium	238-1	40591	39739	40507	40279	1.17	cps
Vanadium	51-2	108380	109509	107188	108359	1.07	cps
Ytterbium	172-1	8344	8703	8653	8567	2.27	cps
Ytterbium	172-2	5696	5401	5557	5551	2.65	cps
Ytterbium	176-1	6510	6218	6569	6432	2.92	cps
Ytterbium	176-2	9353	9570	9654	9526	1.63	cps
Yttrium	89-1	16059294	16435602	15474932	15989943	3.03	cps
Yttrium	89-2	1693762	1798181	1756888	1749611	3.01	cps
Zinc	66-2	245248	245815	241251	244104	1.02	cps
Zirconium	90-1	46495	46905	46069	46490	0.90	cps
Zirconium	91-1	10329	10738	10813	10627	2.45	cps

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : M4778-01A Instrumnet Name : P8  
 Client Sample ID : H0AP3A Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 15:30:23 DataFile Name : 036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	624041	625361	622919	624107	0.20	cps
Antimony	121-1	27136	26568	25975	26560	2.19	cps
Arsenic	75-2	2597	2632	2709	2646	2.17	cps
Barium	135-1	525127	526460	526605	526064	0.15	cps
Barium	137-1	922691	893724	893651	903355	1.85	cps
Beryllium	9-1	1936	1768	1784	1829	5.07	cps
Bismuth	209-1	4339314	4287032	4136128	4254158	2.48	cps
Bismuth	209-2	3133321	3161667	2972832	3089273	3.30	cps
Boron	10-1	3090	3318	3168	3192	3.63	cps
Boron	11-1	14536	14801	15207	14848	2.27	cps
Bromine	81-1	26924	27756	28277	27653	2.47	cps
Cadmium	111-1	4897	4894	4853	4881	0.50	cps
Cadmium	106-1	4451	4226	4376	4351	2.63	cps
Cadmium	108-1	188	146	175	169	12.62	cps
Calcium	43-1	3168155	2995486	3157107	3106916	3.11	cps
Calcium	44-1	50844381	47765286	51741482	50117050	4.16	cps
Carbon	12-1	5407668	5566319	5440515	5471501	1.53	cps
Carbon	12-2	52854	52084	54477	53138	2.30	cps
Chlorine	35-1	31066820	37116226	43673758	37285602	16.91	cps
Chlorine	35-2	317078	332997	353857	334644	5.51	cps
Chromium	52-2	39408	39454	40026	39629	0.87	cps
Cobalt	59-2	45312	45171	44860	45115	0.51	cps
Copper	63-2	87497	87974	86458	87310	0.89	cps
Dysprosium	156-1	33359	33969	34804	34044	2.13	cps
Dysprosium	156-2	17692	18056	17298	17682	2.14	cps
Erbium	164-1	26953	26870	27847	27223	1.99	cps
Erbium	164-2	13877	14551	14198	14209	2.37	cps
Gadolinium	160-1	31596	31196	32098	31630	1.43	cps
Gadolinium	160-2	19905	19561	18783	19416	2.96	cps
Holmium	165-1	8272804	8199404	8246722	8239643	0.45	cps
Holmium	165-2	4636521	4748404	4498723	4627883	2.70	cps
Indium	115-1	8333807	8641925	8417779	8464504	1.88	cps
Indium	115-2	1394133	1386541	1384542	1388405	0.36	cps
Iron	54-2	2774488	2815356	2747323	2779056	1.23	cps
Iron	56-2	50631672	49295246	50564755	50163891	1.50	cps
Iron	57-2	1239493	1219137	1235269	1231300	0.87	cps

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : M4778-01A Instrumnet Name : P8  
 Client Sample ID : H0AP3A Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 15:30:23 DataFile Name : 036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	877	813	783	824	5.78	cps
Lead	206-1	78394	77543	79303	78413	1.12	cps
Lead	207-1	64991	64416	65120	64843	0.58	cps
Lead	208-1	302856	303692	303264	303271	0.14	cps
Lithium	6-1	3920235	4098804	4015973	4011670	2.23	cps
Magnesium	24-2	1243250	1271252	1238519	1251007	1.41	cps
Manganese	55-2	461922	455377	458664	458654	0.71	cps
Molybdenum	94-1	11647	12348	12206	12067	3.07	cps
Molybdenum	95-1	10880	10938	11196	11005	1.53	cps
Molybdenum	96-1	13465	13966	13966	13799	2.09	cps
Molybdenum	97-1	6577	6819	7260	6885	5.03	cps
Molybdenum	98-1	16660	17128	17720	17169	3.09	cps
Neodymium	150-1	58903	58822	61394	59706	2.45	cps
Neodymium	150-2	22990	22572	22546	22703	1.10	cps
Nickel	60-2	24424	24628	24531	24528	0.41	cps
Phosphorus	31-2	5201	5118	5001	5107	1.97	cps
Potassium	39-2	440809	446982	445194	444328	0.71	cps
Rhodium	103-1	8467002	8645331	8617706	8576680	1.12	cps
Rhodium	103-2	4380427	4200323	4140796	4240515	2.94	cps
Scandium	45-1	7374412	7217982	7530296	7374230	2.12	cps
Scandium	45-2	226229	223841	223131	224400	0.72	cps
Selenium	82-1	95	134	197	142	36.21	cps
Selenium	77-2	127	83	100	103	21.16	cps
Selenium	78-2	150	155	139	148	5.53	cps
Silicon	28-1	18373903	19019458	18394554	18595972	1.97	cps
Silver	107-1	18939	18822	19581	19114	2.14	cps
Silver	109-1	17195	18396	18747	18112	4.49	cps
Sodium	23-2	97611	96343	97063	97006	0.66	cps
Strontium	86-1	574445	569838	572559	572280	0.40	cps
Strontium	88-1	4922780	4872752	4996161	4930565	1.26	cps
Sulfur	34-1	476592	470158	464890	470547	1.25	cps
Terbium	159-1	8671743	8958980	9068337	8899687	2.30	cps
Terbium	159-2	4612196	4593291	4582689	4596059	0.33	cps
Thallium	203-1	1792	1850	1817	1820	1.61	cps
Thallium	205-1	4259	3834	4384	4159	6.94	cps
Tin	118-1	5335	4959	5460	5251	4.96	cps

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : M4778-01A Instrumnet Name : P8  
 Client Sample ID : H0AP3A Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 15:30:23 DataFile Name : 036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	278336	281411	283604	281117	0.94	cps
Uranium	238-1	25468	25601	24925	25332	1.41	cps
Vanadium	51-2	146164	145050	145498	145571	0.39	cps
Ytterbium	172-1	7536	6927	7669	7377	5.36	cps
Ytterbium	172-2	4895	4623	5168	4895	5.56	cps
Ytterbium	176-1	5318	5710	5826	5618	4.74	cps
Ytterbium	176-2	8970	9303	9303	9192	2.10	cps
Yttrium	89-1	15978424	15774662	16198140	15983742	1.33	cps
Yttrium	89-2	1808956	1755048	1735523	1766509	2.15	cps
Zinc	66-2	26886	26772	27574	27077	1.60	cps
Zirconium	90-1	16944	16769	17495	17069	2.22	cps
Zirconium	91-1	3734	3826	4009	3856	3.63	cps

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : CCV035 Instrumnet Name : P8  
 Client Sample ID : CCV035 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 15:35:44 DataFile Name : 037CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2291235	2252421	2284497	2276051	0.91	cps
Antimony	121-1	2562887	2541728	2556341	2553652	0.42	cps
Arsenic	75-2	80912	80007	80284	80401	0.58	cps
Barium	135-1	3326905	3304201	3386315	3339140	1.27	cps
Barium	137-1	5682389	5643483	5709277	5678383	0.58	cps
Beryllium	9-1	792360	797015	791989	793788	0.35	cps
Bismuth	209-1	4174201	4171602	4383211	4243005	2.86	cps
Bismuth	209-2	2878631	2872738	2806133	2852501	1.41	cps
Boron	10-1	72574	77751	79804	76709	4.86	cps
Boron	11-1	336458	368567	366925	357317	5.06	cps
Bromine	81-1	19955	20908	19825	20229	2.92	cps
Cadmium	111-1	646020	642012	643998	644010	0.31	cps
Cadmium	106-1	74409	75566	76849	75608	1.61	cps
Cadmium	108-1	52069	52086	52316	52157	0.26	cps
Calcium	43-1	5593664	5713888	5552267	5619940	1.49	cps
Calcium	44-1	93845492	91374128	90644197	91954606	1.82	cps
Carbon	12-1	6258083	6531232	7018654	6602656	5.84	cps
Carbon	12-2	71424	71165	73451	72013	1.74	cps
Chlorine	35-1	6448939	6179034	5978497	6202157	3.81	cps
Chlorine	35-2	31761	31026	30784	31190	1.63	cps
Chromium	52-2	892575	886361	880907	886614	0.66	cps
Cobalt	59-2	1637173	1659424	1590487	1629028	2.16	cps
Copper	63-2	13150841	12971038	12920840	13014240	0.93	cps
Dysprosium	156-1	483	525	542	517	5.82	cps
Dysprosium	156-2	210	267	253	243	12.18	cps
Erbium	164-1	92	192	125	136	37.41	cps
Erbium	164-2	70	60	43	58	23.32	cps
Gadolinium	160-1	475	500	483	486	2.62	cps
Gadolinium	160-2	310	257	350	306	15.33	cps
Holmium	165-1	8016066	8557850	8398008	8323975	3.34	cps
Holmium	165-2	4619435	4321008	4479919	4473454	3.34	cps
Indium	115-1	7859892	8148910	8072377	8027060	1.87	cps
Indium	115-2	1270288	1274257	1274775	1273107	0.19	cps
Iron	54-2	9447504	9415505	9393254	9418754	0.29	cps
Iron	56-2	171900532	167864182	169302065	169688926	1.21	cps
Iron	57-2	4415699	4354645	4294095	4354813	1.40	cps



LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : CCV035 Instrumnet Name : P8  
 Client Sample ID : CCV035 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 15:35:44 DataFile Name : 037CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	743	760	640	714	9.10	cps
Lead	206-1	7559979	7457582	7279772	7432444	1.91	cps
Lead	207-1	6375505	6400753	6397629	6391295	0.22	cps
Lead	208-1	29131849	29589814	29267735	29329799	0.80	cps
Lithium	6-1	3897125	3816652	3898304	3870693	1.21	cps
Magnesium	24-2	32785662	32882043	32725291	32797666	0.24	cps
Manganese	55-2	4377125	4264828	4365008	4335653	1.42	cps
Molybdenum	94-1	11740090	12087180	11787562	11871611	1.59	cps
Molybdenum	95-1	17030117	17650487	17130502	17270369	1.93	cps
Molybdenum	96-1	18800875	19158528	18685545	18881649	1.31	cps
Molybdenum	97-1	10223606	10804727	10420349	10482894	2.82	cps
Molybdenum	98-1	27076787	28764988	27525400	27789058	3.15	cps
Neodymium	150-1	120	167	253	180	37.59	cps
Neodymium	150-2	30	30	7	22	60.61	cps
Nickel	60-2	421696	421350	419271	420773	0.31	cps
Phosphorus	31-2	22860	22568	22351	22593	1.13	cps
Potassium	39-2	12592123	12410768	12300238	12434376	1.19	cps
Rhodium	103-1	7713875	8094564	8095916	7968118	2.76	cps
Rhodium	103-2	3810518	3768529	3747876	3775641	0.85	cps
Scandium	45-1	7381191	7088988	7339256	7269812	2.17	cps
Scandium	45-2	208220	203574	200428	204074	1.92	cps
Selenium	82-1	52757	53456	52998	53070	0.67	cps
Selenium	77-2	1607	1573	1467	1549	4.72	cps
Selenium	78-2	5321	5132	5136	5196	2.07	cps
Silicon	28-1	3616203	3758523	3910520	3761749	3.91	cps
Silver	107-1	3476987	3383040	3444730	3434919	1.39	cps
Silver	109-1	3270348	3280014	3303506	3284623	0.52	cps
Sodium	23-2	63779781	65043197	64733174	64518717	1.02	cps
Strontium	86-1	10877494	10927119	10753646	10852753	0.82	cps
Strontium	88-1	93635569	93287079	92999675	93307441	0.34	cps
Sulfur	34-1	842612	847819	825166	838533	1.41	cps
Terbium	159-1	9051057	8762786	9129298	8981047	2.15	cps
Terbium	159-2	4500643	4488289	4513837	4500923	0.28	cps
Thallium	203-1	1886019	1908667	1888972	1894553	0.65	cps
Thallium	205-1	4338278	4409454	4338124	4361952	0.94	cps
Tin	118-1	2227799	2364210	2261315	2284441	3.11	cps

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : CCV035 Instrumnet Name : P8  
 Client Sample ID : CCV035 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 15:35:44 DataFile Name : 037CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	6078978	5854713	5900605	5944765	1.99	cps
Uranium	238-1	5279906	5480951	5415944	5392267	1.90	cps
Vanadium	51-2	730986	724291	730454	728577	0.51	cps
Ytterbium	172-1	50	117	67	78	44.61	cps
Ytterbium	172-2	56	11	39	35	63.82	cps
Ytterbium	176-1	9620	9020	8411	9017	6.71	cps
Ytterbium	176-2	10627	11199	10510	10779	3.42	cps
Yttrium	89-1	15455195	15136353	15458748	15350099	1.21	cps
Yttrium	89-2	1548000	1548673	1556180	1550951	0.29	cps
Zinc	66-2	1307958	1282804	1288276	1293013	1.02	cps
Zirconium	90-1	5893716	5843496	5781729	5839647	0.96	cps
Zirconium	91-1	1307635	1268789	1255895	1277440	2.11	cps

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : CCB035 Instrumnet Name : P8  
 Client Sample ID : CCB035 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 15:46:41 DataFile Name : 038CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	384	322	305	337	12.27	cps
Antimony	121-1	208	383	750	447	61.81	cps
Arsenic	75-2	9	10	11	10	10.00	cps
Barium	135-1	83	208	517	269	82.78	cps
Barium	137-1	92	308	808	403	91.25	cps
Beryllium	9-1	98	108	174	127	32.60	cps
Bismuth	209-1	4285723	4288733	4071045	4215167	2.96	cps
Bismuth	209-2	3012176	3017360	3026810	3018782	0.25	cps
Boron	10-1	2612	2528	2416	2518	3.90	cps
Boron	11-1	11794	11628	11274	11566	2.30	cps
Bromine	81-1	18772	19574	18772	19039	2.43	cps
Cadmium	111-1	2409	2405	2400	2405	0.17	cps
Cadmium	106-1	3409	3409	3325	3381	1.42	cps
Cadmium	108-1	33	33	33	33	0.00	cps
Calcium	43-1	419	662	1405	829	61.99	cps
Calcium	44-1	29515	33392	45074	35994	22.50	cps
Carbon	12-1	4184192	3988774	4065016	4079327	2.41	cps
Carbon	12-2	38192	38468	37148	37936	1.84	cps
Chlorine	35-1	1866016	1839298	1885000	1863438	1.23	cps
Chlorine	35-2	10546	10404	10779	10576	1.79	cps
Chromium	52-2	707	683	760	717	5.48	cps
Cobalt	59-2	177	123	93	131	32.19	cps
Copper	63-2	1523	1600	1517	1547	2.99	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	7	13	7	9	43.25	cps
Erbium	164-1	25	83	50	53	55.46	cps
Erbium	164-2	40	23	30	31	26.97	cps
Gadolinium	160-1	100	33	50	61	56.78	cps
Gadolinium	160-2	80	107	73	87	20.36	cps
Holmium	165-1	7999986	7946591	7452377	7799651	3.87	cps
Holmium	165-2	4457421	4356326	4507811	4440519	1.74	cps
Indium	115-1	8229686	8153152	7661614	8014817	3.85	cps
Indium	115-2	1315399	1293485	1305117	1304667	0.84	cps
Iron	54-2	1550	1350	1283	1395	9.95	cps
Iron	56-2	20327	17756	16149	18077	11.66	cps
Iron	57-2	661	617	506	594	13.48	cps

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : CCB035 Instrumnet Name : P8  
 Client Sample ID : CCB035 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 15:46:41 DataFile Name : 038CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	627	750	753	710	10.17	cps
Lead	206-1	717	744	1606	1022	49.44	cps
Lead	207-1	561	694	1400	885	50.93	cps
Lead	208-1	2533	3245	6201	3993	48.70	cps
Lithium	6-1	3703939	3829245	3426576	3653253	5.64	cps
Magnesium	24-2	2459	2425	2425	2436	0.79	cps
Manganese	55-2	383	387	340	370	7.04	cps
Molybdenum	94-1	650	767	1425	947	44.12	cps
Molybdenum	95-1	550	575	1458	861	60.08	cps
Molybdenum	96-1	700	942	1433	1025	36.46	cps
Molybdenum	97-1	283	442	958	561	62.91	cps
Molybdenum	98-1	692	875	2384	1317	70.51	cps
Neodymium	150-1	7	13	27	16	65.47	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	83	77	97	86	11.90	cps
Phosphorus	31-2	233	150	200	194	21.57	cps
Potassium	39-2	17536	17194	17995	17575	2.29	cps
Rhodium	103-1	8129411	8130610	7526817	7928946	4.39	cps
Rhodium	103-2	4019274	3948528	3910354	3959385	1.40	cps
Scandium	45-1	6782007	6817347	6310988	6636781	4.26	cps
Scandium	45-2	204651	201600	199852	202034	1.20	cps
Selenium	82-1	73	-35	-110	-24	-387.42	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	39	67	56	54	26.13	cps
Silicon	28-1	690627	692788	701160	694858	0.80	cps
Silver	107-1	217	183	258	219	17.13	cps
Silver	109-1	192	200	225	206	8.44	cps
Sodium	23-2	15717	14966	15976	15553	3.37	cps
Strontium	86-1	1317	1583	2292	1731	29.12	cps
Strontium	88-1	1975	3134	8829	4646	78.96	cps
Sulfur	34-1	440122	436036	435327	437162	0.59	cps
Terbium	159-1	8734591	8548950	8017814	8433785	4.41	cps
Terbium	159-2	4411900	4347392	4345987	4368426	0.86	cps
Thallium	203-1	292	292	450	344	26.54	cps
Thallium	205-1	733	650	1192	858	33.98	cps
Tin	118-1	617	600	700	639	8.39	cps

LB Number : LB117564 Operator : Jaswal  
 Lab Sample ID : CCB035 Instrumnet Name : P8  
 Client Sample ID : CCB035 Dilution Factor : 1  
 Date & Time Acquired :: 2021-11-29 15:46:41 DataFile Name : 038CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	375	617	808	600	36.19	cps
Uranium	238-1	100	133	433	222	82.61	cps
Vanadium	51-2	43	57	43	48	16.12	cps
Ytterbium	172-1	25	42	25	31	31.50	cps
Ytterbium	172-2	6	28	17	17	66.65	cps
Ytterbium	176-1	908	1075	908	964	9.98	cps
Ytterbium	176-2	6129	6285	6068	6161	1.81	cps
Yttrium	89-1	14963199	14859599	13532835	14451878	5.52	cps
Yttrium	89-2	1569173	1545434	1557422	1557343	0.76	cps
Zinc	66-2	327	317	310	318	2.64	cps
Zirconium	90-1	1058	1025	1217	1100	9.31	cps
Zirconium	91-1	275	183	225	228	20.15	cps