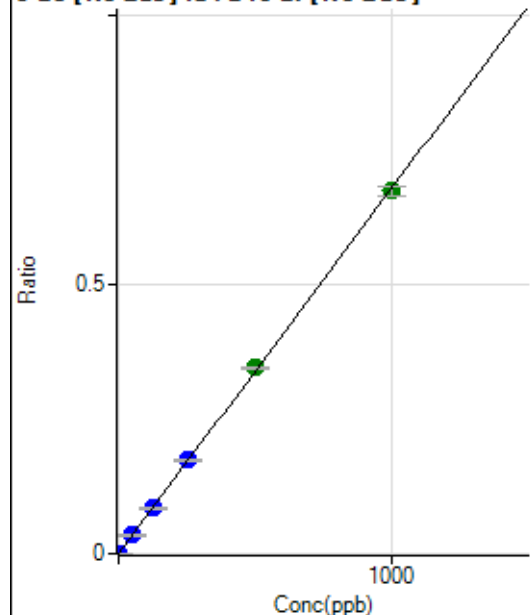


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8100621IMS.b\
Analysis File: P8100621IMS.batch.bin
DA Date-Time: 2021-10-06 14:17:47
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2021-10-06 10:19:43
2	004CALS.d	S02	2021-10-06 10:22:49
3	006CALS.d	S03	2021-10-06 10:28:57
4	007CALS.d	S04	2021-10-06 10:32:00
5	008CALS.d	S05	2021-10-06 10:35:06
6	009CALS.d	S06	2021-10-06 10:38:09
7	010CALS.d	S07	2021-10-06 10:41:15
8	013CALS.d	S08	2021-10-06 10:51:12

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	31.99	0.0000	P	17.4
2	☐	1.000	0.973	3219.73	0.0007	P	4.9
3	☐	50.000	50.318	167504.77	0.0341	P	1.2
4	☐	125.000	124.377	422497.55	0.0843	P	1.1
5	☐	250.000	256.468	835904.79	0.1738	P	2.1
6	☐	500.000	509.770	1709923.15	0.3455	A	1.3
7	☐	1000.000	993.560	3241462.41	0.6734	A	2.5
8	☐			165.97	0.0000	P	4.4

$$y = 6.7781E-004 * x + 6.7957E-006$$

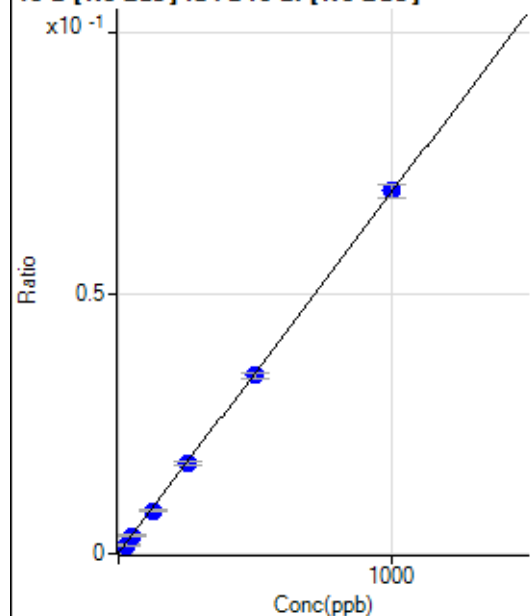
$$R = 0.9999$$

$$DL = 0.005244$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	445.25	0.0001	P	11.2
2	☐	25.000	22.051	7827.90	0.0016	P	8.9
3	☐	50.000	49.154	17168.01	0.0035	P	4.9
4	☐	125.000	117.341	41182.08	0.0082	P	5.6
5	☐	250.000	250.180	83730.78	0.0174	P	5.1
6	☐	500.000	492.293	169097.47	0.0342	P	3.6
7	☐	1000.000	1004.882	335233.75	0.0696	P	3.5
8	☐			9977.44	0.0022	P	6.3

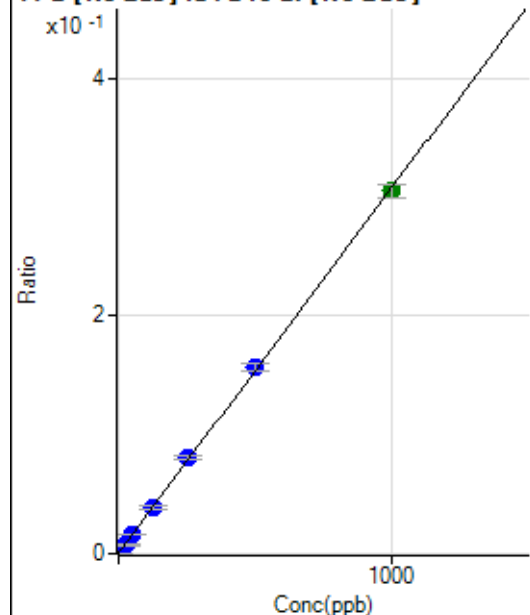
$$y = 6.9212E-005 * x + 9.4554E-005$$

$$R = 0.9999$$

$$DL = 0.4603$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2003.75	0.0004	P	2.3
2	☐	25.000	22.484	35431.02	0.0073	P	5.6
3	☐	50.000	50.991	79027.00	0.0161	P	5.2
4	☐	125.000	124.385	193717.83	0.0386	P	5.4
5	☐	250.000	262.382	389737.55	0.0811	P	4.3
6	☐	500.000	509.554	777141.06	0.1570	P	3.4
7	☐	1000.000	992.218	1469703.83	0.3053	A	4.0
8	☐			46014.57	0.0103	P	3.5

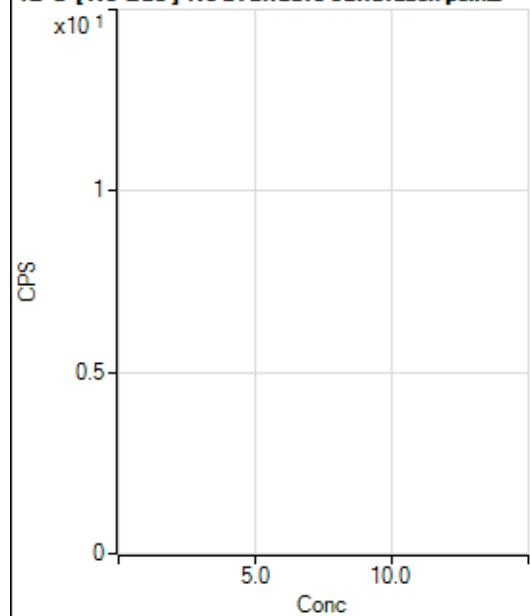
$$y = 3.0729E-004 * x + 4.2528E-004$$

$$R = 0.9998$$

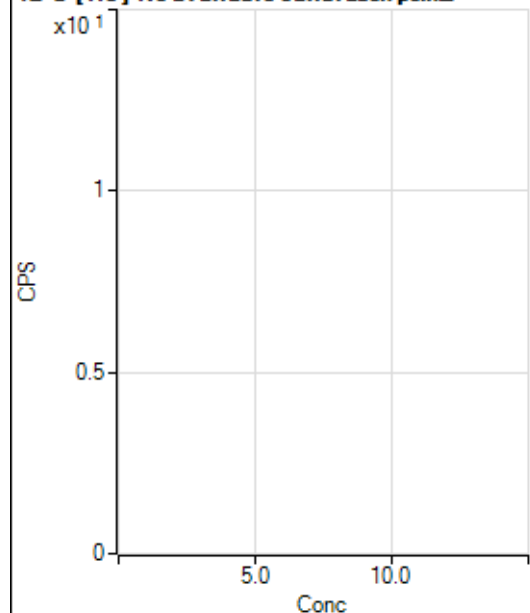
$$DL = 0.09599$$

Weight: <None>

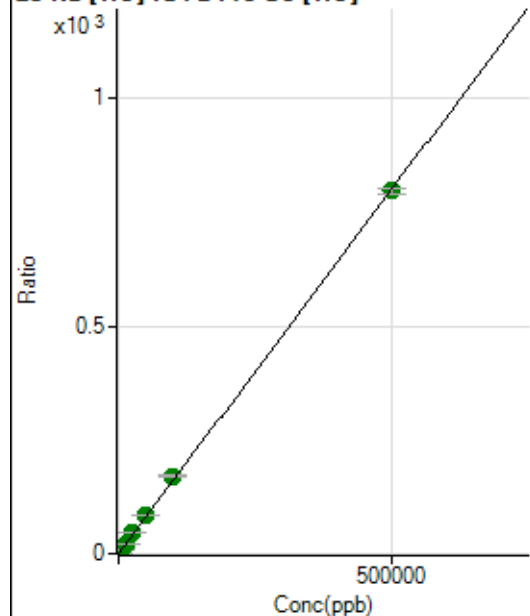
Min Conc: 0

12 C [No Gas] No available calibration points

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			6591655.96		A	1.1
2	☐			6502021.63		A	0.6
3	☐			6784874.98		A	1.5
4	☐			7123846.77		A	1.4
5	☐			7102830.45		A	1.1
6	☐			7092022.73		A	1.0
7	☐			7336004.85		A	2.3
8	☐			7561305.55		A	2.7

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			58862.71		P	1.5
2	☐			59208.89		P	0.9
3	☐			64171.35		P	1.1
4	☐			66283.18		P	1.3
5	☐			68153.38		P	0.8
6	☐			67753.72		P	1.8
7	☐			71552.55		P	0.9
8	☐			82587.68		P	0.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	35883.64	0.1459	P	3.3
2	☐	500.000	519.578	244088.34	0.9775	P	2.0
3	☐	5000.000	5563.281	2214771.34	9.0503	A	2.0
4	☐	12500.000	13540.401	5356723.47	21.8181	A	2.5
5	☐	25000.000	27809.617	10812563.96	44.6569	A	0.3
6	☐	50000.000	52806.247	20924195.78	84.6656	A	2.5
7	☐	100000.00	106530.75	42029254.41	170.6550	A	2.5
8	☐	500000.00	498241.08	207714407.4	797.6116	A	1.3

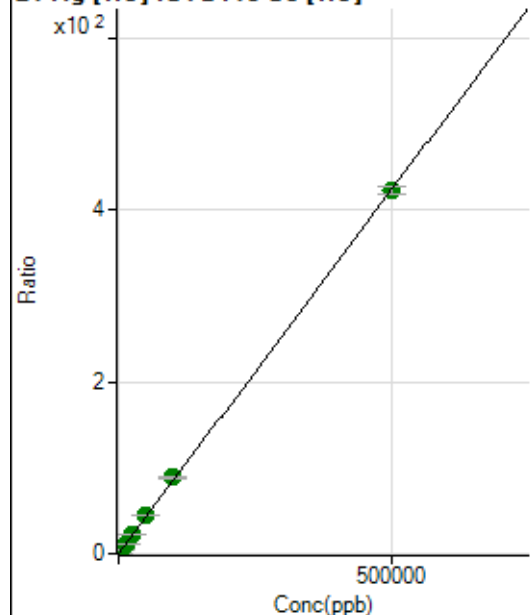
$$y = 0.0016 * x + 0.1459$$

$$R = 0.9999$$

$$DL = 8.959$$

Weight: <None>

Min Conc: 0

24 Mg [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	330.57	0.0013	P	9.6
2	☐	500.000	514.013	109144.51	0.4371	P	2.8
3	☐	5000.000	5588.704	1159450.17	4.7395	A	4.0
4	☐	12500.000	13586.580	2827764.02	11.5201	A	3.0
5	☐	25000.000	27100.632	5563346.78	22.9773	A	0.7
6	☐	50000.000	52237.477	10946565.44	44.2884	A	1.5
7	☐	100000.00	105087.14	21942127.05	89.0945	A	2.6
8	☐	500000.00	498620.72	110079995.5	422.7332	A	2.0

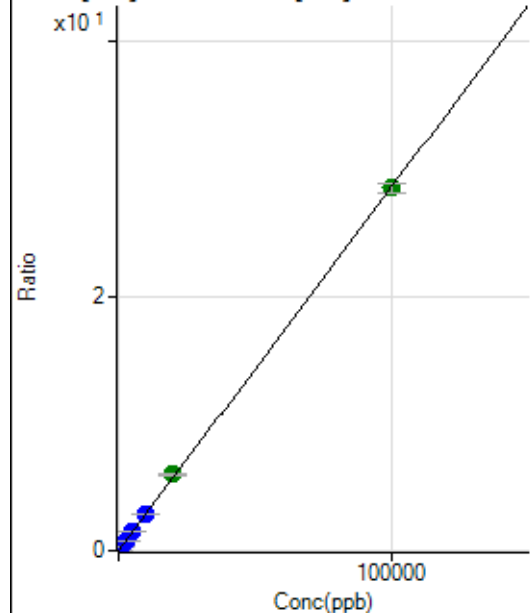
$$y = 8.4780E-004 * x + 0.0013$$

$$R = 0.9999$$

$$DL = 0.4542$$

Weight: <None>

Min Conc: 0

27 Al [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	118.74	0.0005	P	3.7
2	☐	20.000	21.313	1642.39	0.0066	P	0.9
3	☐	1000.000	1054.847	73894.54	0.3020	P	3.5
4	☐	2500.000	2622.586	184176.48	0.7502	P	1.7
5	☐	5000.000	5269.216	364822.39	1.5068	P	1.0
6	☐	10000.000	10065.235	711302.56	2.8778	P	1.5
7	☐	20000.000	20921.515	1472972.64	5.9813	A	3.0
8	☐	100000.00	99792.099	7428341.73	28.5279	A	2.7

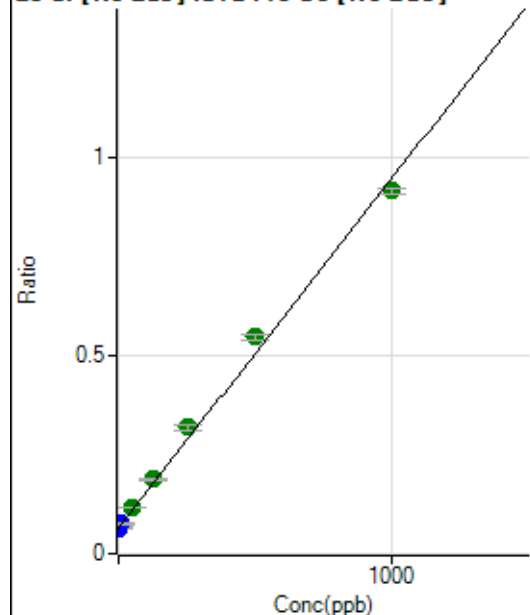
$$y = 2.8587E-004 * x + 4.8274E-004$$

$$R = 1.0000$$

$$DL = 0.1888$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	582982.74	0.0650	P	3.5
2	☐	10.000	12.165	690773.12	0.0757	P	3.0
3	☐	50.000	57.500	1073108.59	0.1156	A	0.7
4	☐	125.000	138.790	1725242.44	0.1872	A	1.5
5	☐	250.000	287.205	2873613.28	0.3178	A	4.1
6	☐	500.000	547.088	5049124.72	0.5466	A	2.5
7	☐	1000.000	965.035	8649556.27	0.9146	A	1.9
8	☐			1371402.13	0.1505	A	10.7

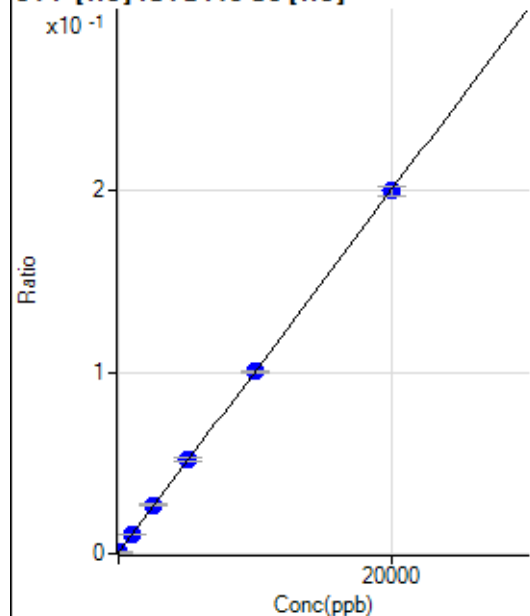
$$y = 8.8041E-004 * x + 0.0650$$

$$R = 0.9975$$

$$DL = 7.639$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-1.979	122.23	0.0005	P	26.9
2	☐	0.000	1.979	133.34	0.0005	P	39.0
3	☐	1000.000	1007.082	2589.20	0.0106	P	3.6
4	☐	2500.000	2649.357	6618.39	0.0270	P	4.6
5	☐	5000.000	5115.344	12491.82	0.0516	P	4.9
6	☐	10000.000	9996.645	24799.58	0.1003	P	1.5
7	☐	20000.000	19953.818	49186.99	0.1997	P	2.7
8	☐			169.45	0.0007	P	1.9

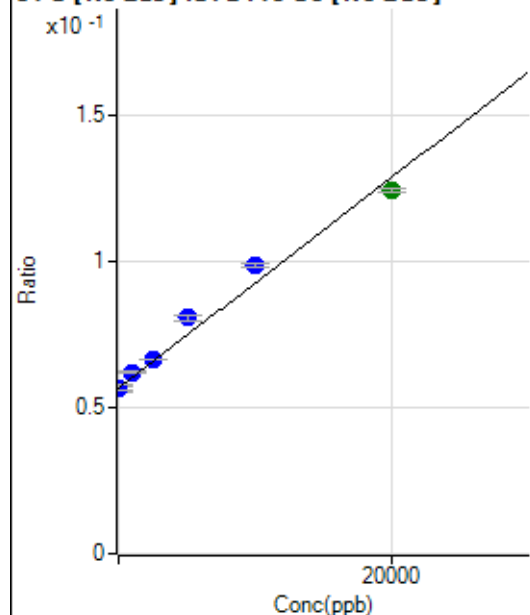
$$y = 9.9836E-006 * x + 5.1607E-004$$

$$R = 1.0000$$

$$DL = 51.39$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	-56.282	507122.46	0.0565	P	3.4
2	☐	0.000	56.282	519562.23	0.0569	P	2.9
3	☐	1000.000	1509.887	576979.38	0.0622	P	1.8
4	☐	2500.000	2748.915	614164.40	0.0666	P	0.1
5	☐	5000.000	6649.522	728990.32	0.0807	P	2.2
6	☐	10000.000	11635.412	911251.19	0.0986	P	1.8
7	☐	20000.000	18713.305	1174266.45	0.1242	A	1.0
8	☐			418978.44	0.0460	P	5.5

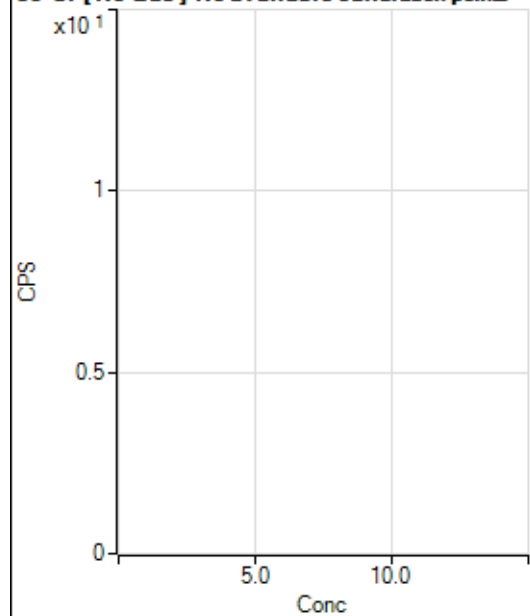
$$y = 3.6038E-006 * x + 0.0567$$

R = 0.9906

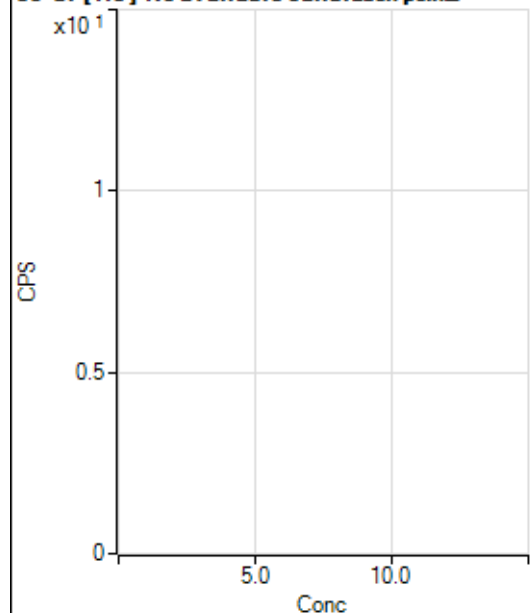
DL = 1488

Weight: <None>

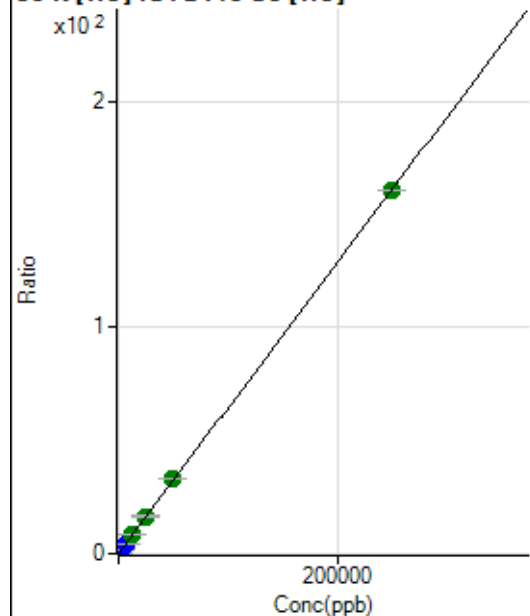
Min Conc: 0

35 Cl [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2253014.70		A	5.5
2	☐			2065685.33		A	4.7
3	☐			2084989.93		A	2.7
4	☐			1980728.04		A	5.1
5	☐			1938540.15		A	2.9
6	☐			1837673.07		A	4.1
7	☐			1842295.12		A	2.0
8	☐			3786154.12		A	2.1

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11310.25		P	4.8
2	☐			11085.10		P	1.1
3	☐			11185.16		P	4.2
4	☐			10709.79		P	4.3
5	☐			9992.59		P	4.5
6	☐			9709.09		P	1.4
7	☐			9520.05		P	1.1
8	☐			24593.71		P	3.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	18278.66	0.0743	P	2.7
2	☐	500.000	493.426	97744.61	0.3914	P	1.2
3	☐	2500.000	2669.494	437922.71	1.7898	P	3.1
4	☐	6250.000	6576.183	1055526.24	4.3004	P	3.4
5	☐	12500.000	13377.467	2099391.95	8.6712	A	1.9
6	☐	25000.000	25629.187	4089658.64	16.5446	A	0.7
7	☐	50000.000	51359.616	8147483.25	33.0800	A	2.0
8	☐	250000.00	249611.44	41797226.97	160.4845	A	0.2

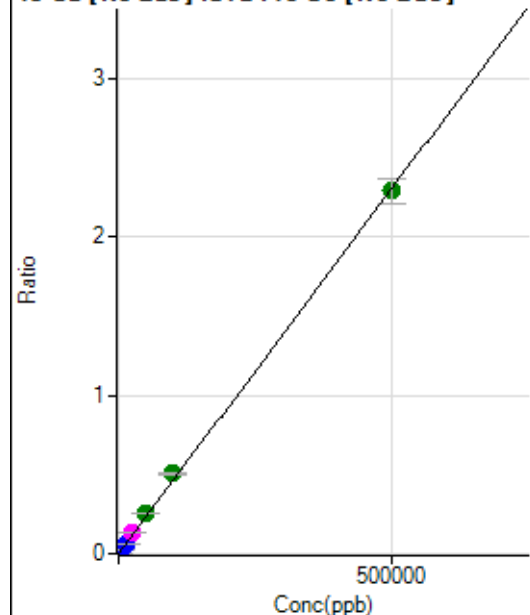
$$y = 6.4264E-004 * x + 0.0743$$

$$R = 1.0000$$

$$DL = 9.483$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	569.94	0.0001	P	14.4
2	☐	500.000	469.508	20325.95	0.0022	P	2.6
3	☐	5000.000	5390.307	231110.34	0.0249	P	1.3
4	☐	12500.000	13555.914	576294.84	0.0625	P	0.4
5	☐	25000.000	28090.884	1169852.43	0.1295	M	2.9
6	☐	50000.000	55688.601	2370704.11	0.2566	A	0.7
7	☐	100000.00	109404.96	4767684.05	0.5041	A	1.0
8	☐	500000.00	497365.33	20878530.84	2.2915	A	6.7

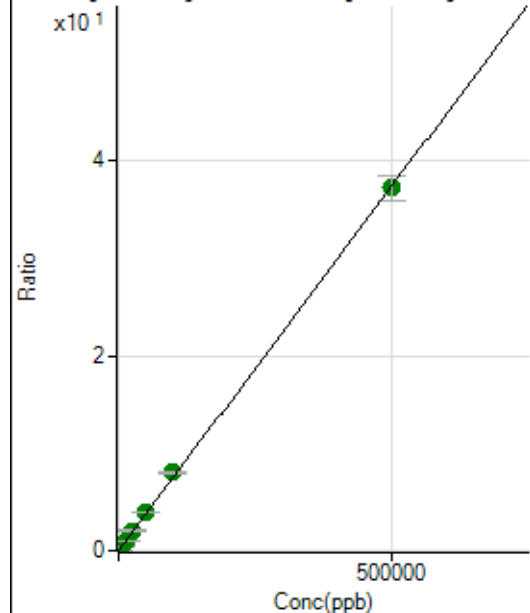
$$y = 4.6071\text{E-}006 * x + 6.3632\text{E-}005$$

$$R = 0.9998$$

$$DL = 5.976$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	52970.38	0.0059	P	3.3
2	☐	500.000	471.400	375323.04	0.0411	P	3.6
3	☐	5000.000	5487.019	3860371.16	0.4159	A	1.4
4	☐	12500.000	13616.412	9432586.67	1.0233	A	1.3
5	☐	25000.000	27643.858	18717861.13	2.0714	A	1.4
6	☐	50000.000	53393.320	36909621.77	3.9953	A	0.7
7	☐	100000.00	107065.42	75715430.69	8.0055	A	1.0
8	☐	500000.00	498082.63	339130572.5	37.2209	A	6.7

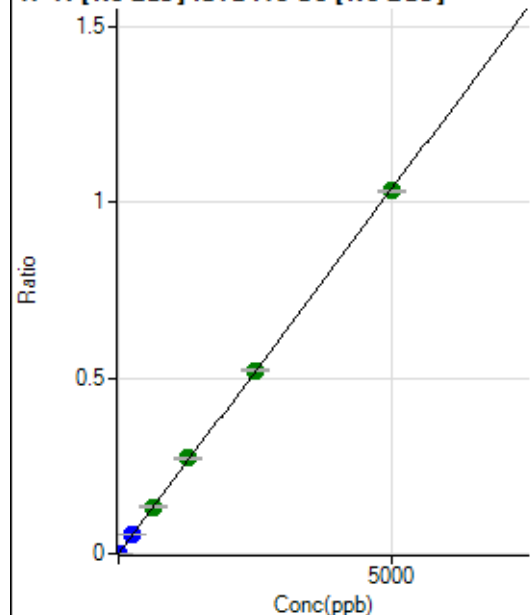
$$y = 7.4716\text{E-}005 * x + 0.0059$$

$$R = 0.9999$$

$$DL = 7.752$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	313.90	0.0000	P	7.1
2	☐	5.000	5.040	9864.71	0.0011	P	4.4
3	☐	250.000	252.043	485908.86	0.0523	P	0.5
4	☐	625.000	641.618	1227778.03	0.1332	A	2.0
5	☐	1250.000	1306.481	2450273.49	0.2712	A	2.0
6	☐	2500.000	2511.549	4815888.56	0.5213	A	1.2
7	☐	5000.000	4977.926	9771672.18	1.0332	A	0.8
8	☐			1564.02	0.0002	P	11.5

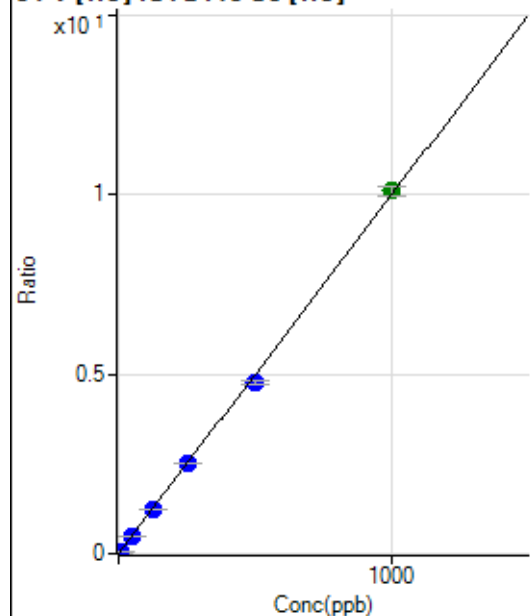
$$y = 2.0754\text{E-}004 * x + 3.5010\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.03589$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	21.11	0.0001	P	24.7
2	☐	5.000	4.799	11997.36	0.0480	P	1.7
3	☐	50.000	49.640	121385.41	0.4962	P	3.6
4	☐	125.000	123.000	301761.58	1.2292	P	2.3
5	☐	250.000	250.495	606111.89	2.5033	P	0.5
6	☐	500.000	477.642	1179625.62	4.7732	P	2.6
7	☐	1000.000	1011.324	2488852.51	10.1064	A	2.9
8	☐			387.79	0.0015	P	14.5

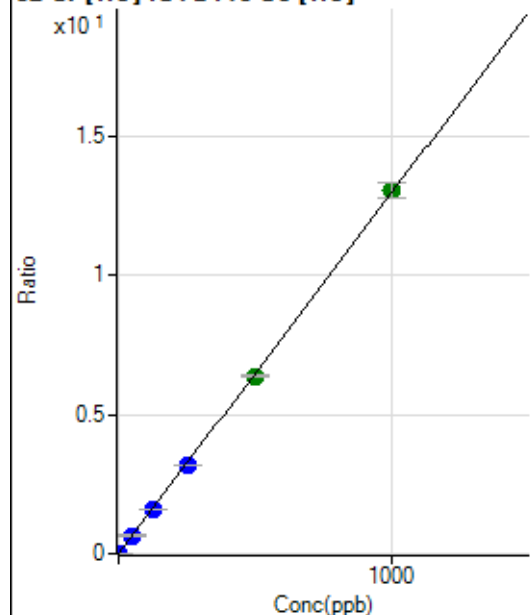
$$y = 0.0100 * x + 8.5898\text{E-}005$$

$$R = 0.9996$$

$$DL = 0.00638$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1082.27	0.0044	P	1.9
2	☐	2.000	1.897	7228.56	0.0290	P	3.2
3	☐	50.000	49.925	159208.43	0.6507	P	3.0
4	☐	125.000	121.493	387183.05	1.5771	P	1.9
5	☐	250.000	245.454	770371.37	3.1818	P	1.3
6	☐	500.000	492.540	1577258.62	6.3804	A	1.1
7	☐	1000.000	1005.309	3205464.22	13.0182	A	4.1
8	☐			10701.87	0.0411	P	2.3

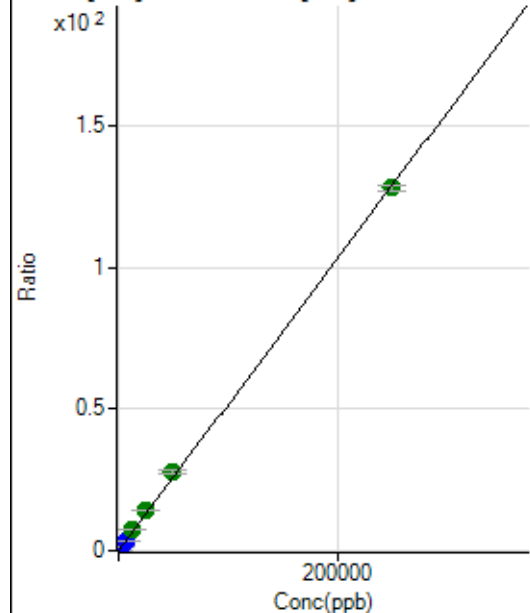
$$y = 0.0129 * x + 0.0044$$

$$R = 0.9999$$

$$DL = 0.01924$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	640.77	0.0026	P	10.4
2	☐	50.000	52.362	7376.11	0.0295	P	1.7
3	☐	2500.000	2747.635	346444.50	1.4160	P	3.3
4	☐	6250.000	6749.153	853000.85	3.4743	P	1.5
5	☐	12500.000	14046.826	1750072.81	7.2282	A	2.1
6	☐	25000.000	27283.914	3469528.38	14.0373	A	1.8
7	☐	50000.000	53990.283	6839857.56	27.7750	A	3.2
8	☐	250000.00	248881.25	33338985.01	128.0261	A	1.6

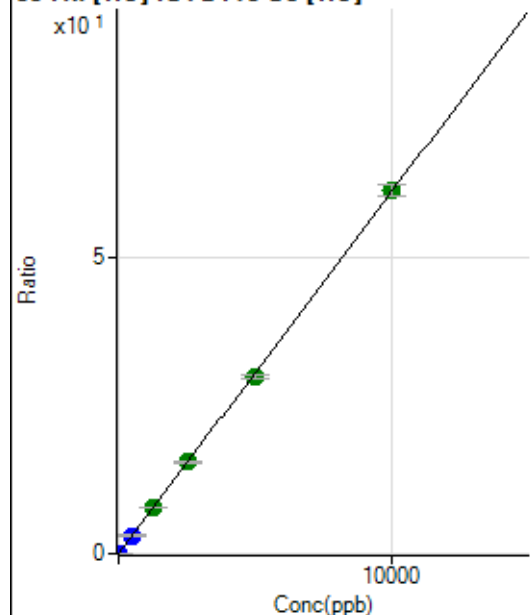
$$y = 5.1440E-004 * x + 0.0026$$

$$R = 0.9998$$

$$DL = 1.575$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	178.89	0.0007	P	17.4
2	☐	1.000	0.937	1614.55	0.0065	P	1.8
3	☐	500.000	502.415	752621.07	3.0763	P	3.6
4	☐	1250.000	1279.577	1923171.29	7.8337	A	2.0
5	☐	2500.000	2542.979	3769125.71	15.5677	A	1.7
6	☐	5000.000	4906.453	7422767.81	30.0357	A	2.6
7	☐	10000.000	10032.211	15123520.06	61.4132	A	3.2
8	☐			16555.26	0.0636	P	1.0

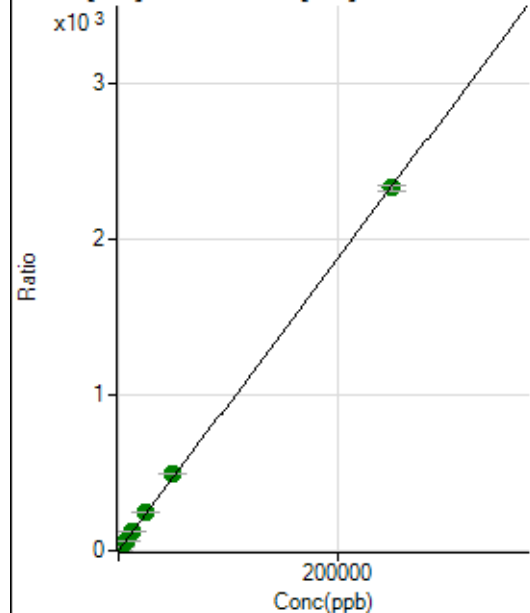
$$y = 0.0061 * x + 7.2688E-004$$

$$R = 0.9999$$

$$DL = 0.06209$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	5060.25	0.0206	P	5.4
2	☐	50.000	52.773	128300.26	0.5139	P	3.4
3	☐	2500.000	2759.303	6315145.46	25.8131	A	3.7
4	☐	6250.000	6841.783	15704251.74	63.9740	A	2.7
5	☐	12500.000	13650.220	30898452.31	127.6158	A	0.7
6	☐	25000.000	26385.173	60954186.55	246.6555	A	2.9
7	☐	50000.000	53018.964	122072678.6	495.6144	A	1.7
8	☐	250000.00	249182.79	606556006.1	2,329.252	A	1.7

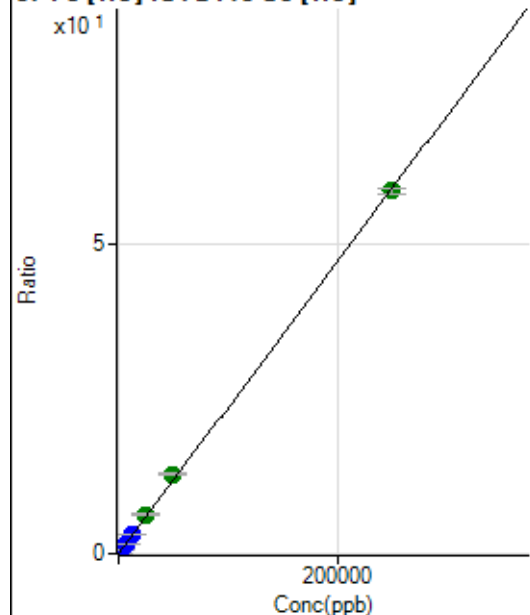
$$y = 0.0093 * x + 0.0206$$

$$R = 0.9999$$

$$DL = 0.3589$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	166.67	0.0007	P	14.9
2	☐	50.000	52.280	3241.17	0.0130	P	4.7
3	☐	2500.000	2712.168	156368.76	0.6391	P	2.7
4	☐	6250.000	6584.582	380596.96	1.5505	P	2.8
5	☐	12500.000	13432.472	765689.12	3.1623	P	0.3
6	☐	25000.000	26802.882	1559231.44	6.3094	A	2.7
7	☐	50000.000	54385.465	3152730.71	12.8016	A	2.6
8	☐	250000.00	248885.50	15254984.49	58.5820	A	1.8

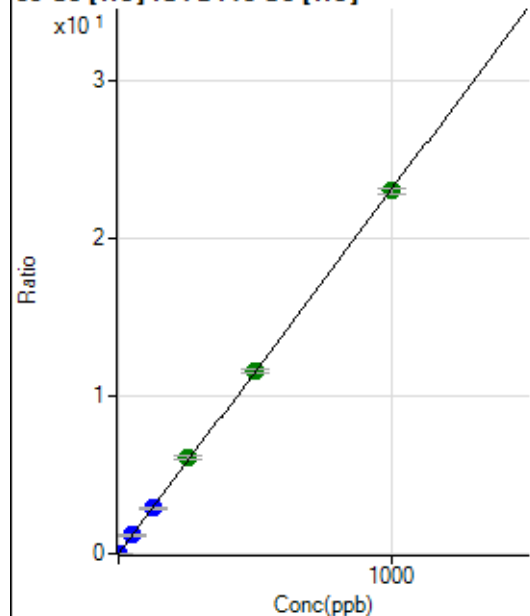
$$y = 2.3537E-004 * x + 6.7718E-004$$

$$R = 0.9998$$

$$DL = 1.283$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	74.44	0.0003	P	14.3
2	☐	1.000	0.973	5685.63	0.0228	P	1.0
3	☐	50.000	50.610	286029.47	1.1691	P	3.8
4	☐	125.000	124.730	707323.49	2.8809	P	1.3
5	☐	250.000	264.712	1480211.89	6.1137	A	2.5
6	☐	500.000	500.219	2855375.34	11.5527	A	2.1
7	☐	1000.000	996.216	5666927.56	23.0076	A	1.6
8	☐			12965.99	0.0498	P	2.2

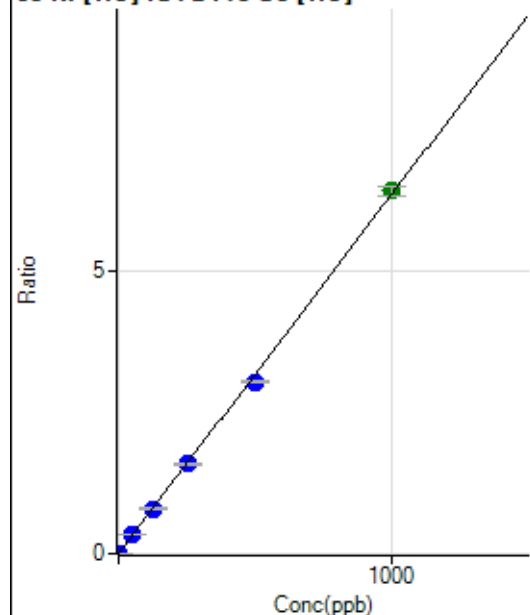
$$y = 0.0231 * x + 3.0280E-004$$

$$R = 0.9999$$

$$DL = 0.005608$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	138.89	0.0006	P	18.0
2	☐	1.000	0.988	1709.01	0.0068	P	1.9
3	☐	50.000	51.228	79838.17	0.3262	P	1.7
4	☐	125.000	124.796	194894.24	0.7939	P	2.4
5	☐	250.000	250.433	385581.06	1.5925	P	1.2
6	☐	500.000	478.771	752384.83	3.0441	P	1.7
7	☐	1000.000	1010.470	1582088.45	6.4240	A	2.8
8	☐			5767.89	0.0221	P	0.8

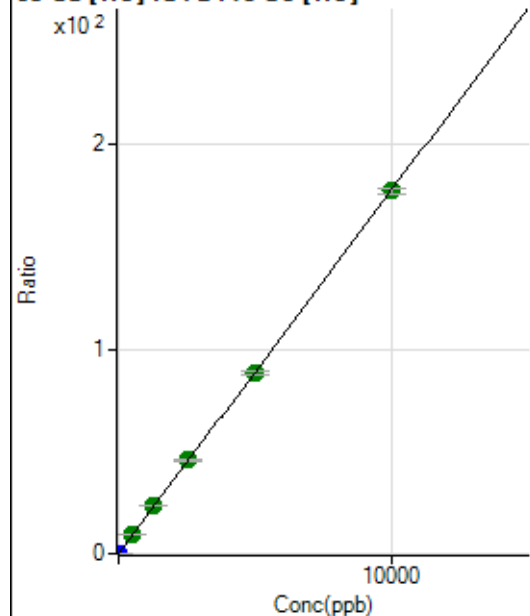
$$y = 0.0064 * x + 5.6447E-004$$

$$R = 0.9997$$

$$DL = 0.04791$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1074.50	0.0044	P	8.4
2	☐	2.000	2.485	12115.27	0.0485	P	1.2
3	☐	500.000	543.710	2364965.02	9.6655	A	3.0
4	☐	1250.000	1317.893	5749541.86	23.4218	A	2.6
5	☐	2500.000	2566.596	11043096.50	45.6099	A	0.8
6	☐	5000.000	4986.702	21900755.51	88.6124	A	2.0
7	☐	10000.000	9979.328	43675241.57	177.3257	A	1.8
8	☐			11132.25	0.0427	P	2.5

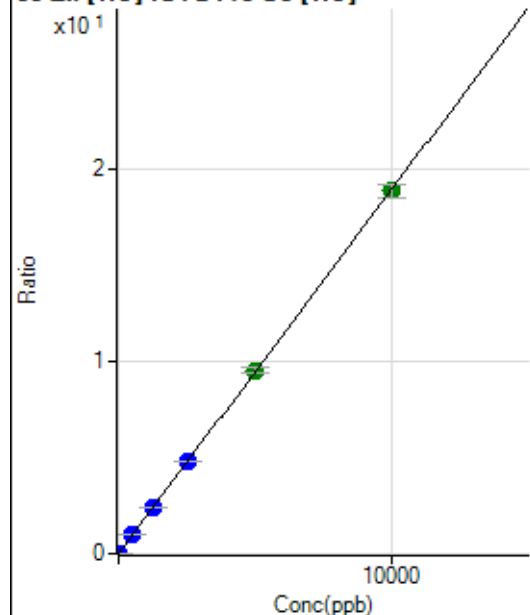
$$y = 0.0178 * x + 0.0044$$

$$R = 1.0000$$

$$DL = 0.06157$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	537.80	0.0022	P	1.0
2	☐	2.000	2.252	1610.11	0.0064	P	3.4
3	☐	500.000	523.642	243062.84	0.9935	P	3.4
4	☐	1250.000	1271.576	591523.25	2.4093	P	1.7
5	☐	2500.000	2550.593	1169583.62	4.8306	P	0.6
6	☐	5000.000	5031.645	2354559.93	9.5273	A	2.8
7	☐	10000.000	9967.650	4646949.96	18.8713	A	3.7
8	☐			12447.80	0.0478	P	1.1

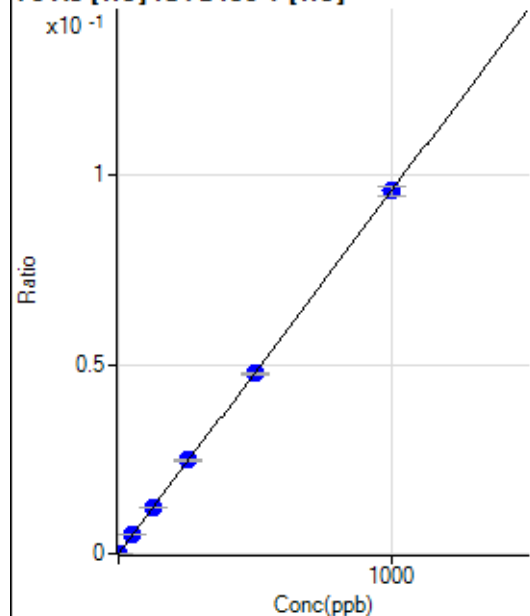
$$y = 0.0019 * x + 0.0022$$

$$R = 1.0000$$

$$DL = 0.03423$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	9.00	0.0000	P	40.5
2	☐	1.000	0.970	276.70	0.0001	P	6.3
3	☐	50.000	51.448	14173.85	0.0049	P	2.4
4	☐	125.000	127.413	34651.73	0.0122	P	1.7
5	☐	250.000	257.436	69112.65	0.0247	P	1.4
6	☐	500.000	495.667	136152.85	0.0475	P	1.0
7	☐	1000.000	999.933	273589.74	0.0959	P	2.7
8	☐			95.34	0.0000	P	3.8

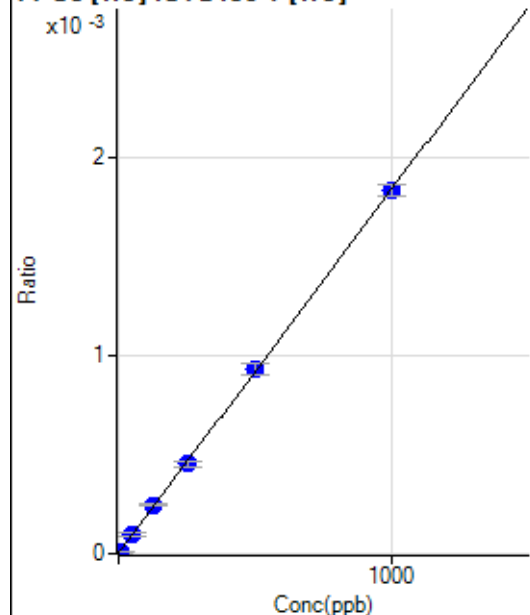
$$y = 9.5905E-005 * x + 3.1518E-006$$

$$R = 1.0000$$

$$DL = 0.0399$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4.44	0.0000	P	115.
2	☐	5.000	5.002	31.11	0.0000	P	24.5
3	☐	50.000	51.378	275.56	0.0001	P	16.2
4	☐	125.000	133.663	701.14	0.0002	P	6.6
5	☐	250.000	246.260	1271.18	0.0005	P	7.2
6	☐	500.000	507.453	2676.95	0.0009	P	5.9
7	☐	1000.000	996.057	5231.02	0.0018	P	3.2
8	☐			2.22	0.0000	P	173.

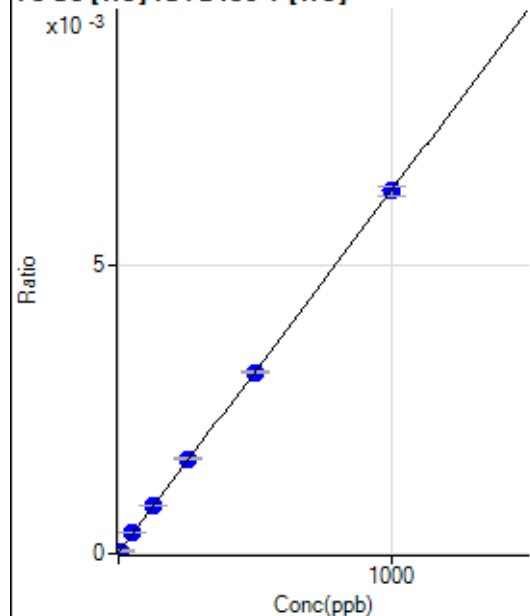
$$y = 1.8394E-006 * x + 1.5587E-006$$

$$R = 0.9999$$

$$DL = 2.923$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	55.34	0.0000	P	27.3
2	☐	5.000	4.828	143.02	0.0000	P	10.1
3	☐	50.000	55.431	1055.15	0.0004	P	1.9
4	☐	125.000	128.724	2347.10	0.0008	P	2.2
5	☐	250.000	258.228	4594.22	0.0016	P	1.7
6	☐	500.000	496.986	8996.45	0.0031	P	0.7
7	☐	1000.000	998.714	17952.87	0.0063	P	2.8
8	☐			69.34	0.0000	P	8.4

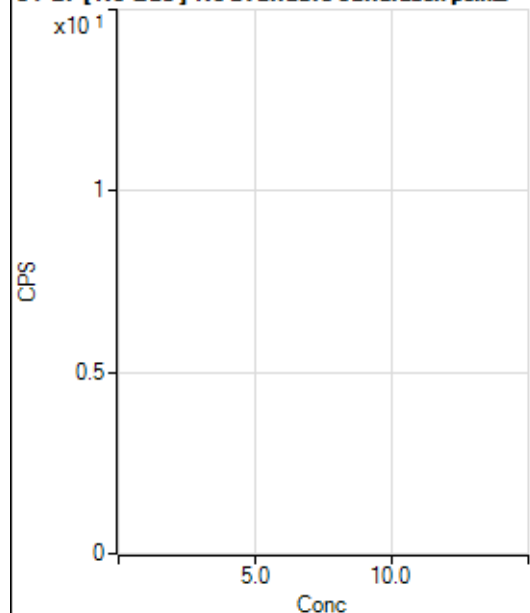
$$y = 6.2816E-006 * x + 1.9339E-005$$

$$R = 0.9999$$

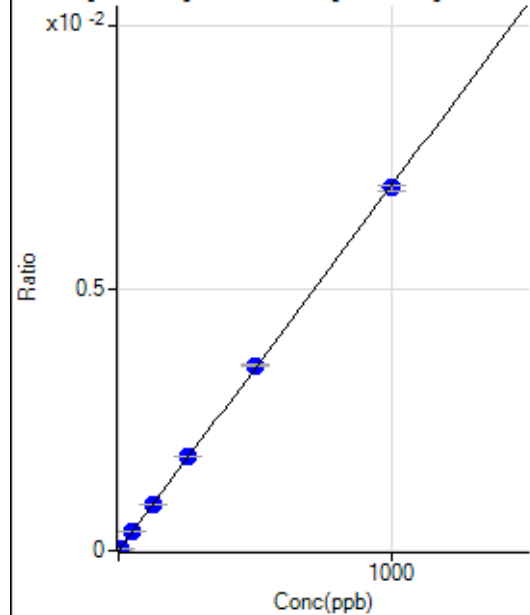
$$DL = 2.524$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			23728.03		P	3.6
2	☐			22875.71		P	1.8
3	☐			23915.12		P	4.6
4	☐			22223.86		P	4.3
5	☐			22608.27		P	4.4
6	☐			23136.32		P	3.2
7	☐			24119.15		P	3.5
8	☐			24332.80		P	3.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	23.33	0.0000	P	41.7
2	☐	5.000	5.228	1102.55	0.0000	P	1.6
3	☐	50.000	51.121	10736.99	0.0004	P	0.5
4	☐	125.000	126.335	26762.55	0.0009	P	1.2
5	☐	250.000	258.893	53661.41	0.0018	P	1.2
6	☐	500.000	507.841	104928.38	0.0035	P	0.2
7	☐	1000.000	993.632	210657.38	0.0069	P	1.8
8	☐			188.22	0.0000	P	8.8

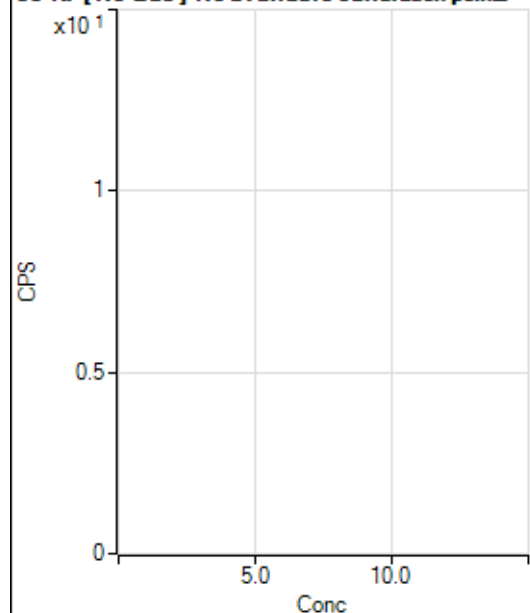
$$y = 6.9626E-006 * x + 8.2091E-007$$

$$R = 0.9999$$

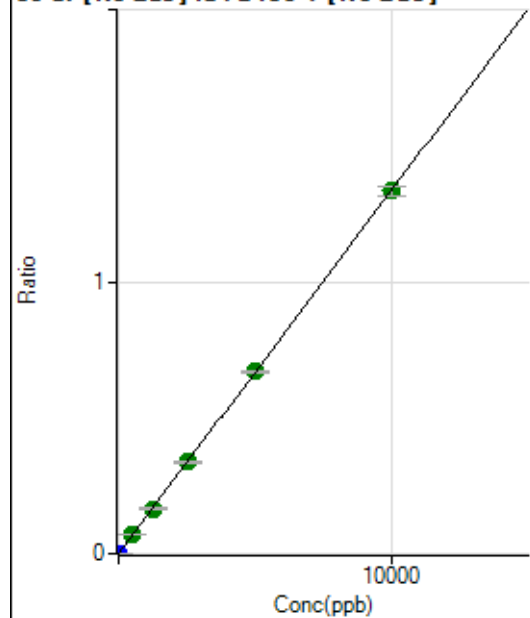
$$DL = 0.1476$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			888.93		P	4.8
2	☐			834.48		P	3.1
3	☐			892.26		P	6.9
4	☐			882.26		P	5.1
5	☐			878.93		P	5.2
6	☐			845.59		P	7.3
7	☐			887.82		P	8.3
8	☐			937.82		P	1.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1627.92	0.0001	P	9.0
2	☐	1.000	0.976	5554.03	0.0002	P	7.1
3	☐	500.000	512.974	2065838.78	0.0686	A	0.4
4	☐	1250.000	1240.728	5043952.46	0.1659	A	1.9
5	☐	2500.000	2527.496	10056746.58	0.3380	A	1.7
6	☐	5000.000	5015.035	19894577.88	0.6706	A	1.1
7	☐	10000.000	9986.119	40647937.02	1.3352	A	2.4
8	☐			16482.34	0.0006	P	7.5

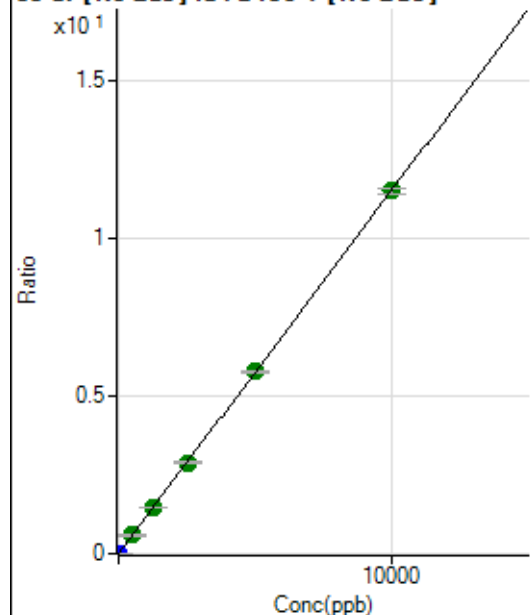
$$y = 1.3370E-004 * x + 5.7007E-005$$

$$R = 1.0000$$

$$DL = 0.1148$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	716.71	0.0000	P	6.7
2	☐	1.000	1.068	37172.38	0.0013	P	3.5
3	☐	500.000	505.683	17547825.04	0.5831	A	1.7
4	☐	1250.000	1248.192	43750349.94	1.4392	A	0.5
5	☐	2500.000	2512.074	86188299.15	2.8965	A	2.0
6	☐	5000.000	5007.090	171288673.2	5.7733	A	0.9
7	☐	10000.000	9993.378	350809918.9	11.5227	A	1.9
8	☐			131519.32	0.0045	P	4.7

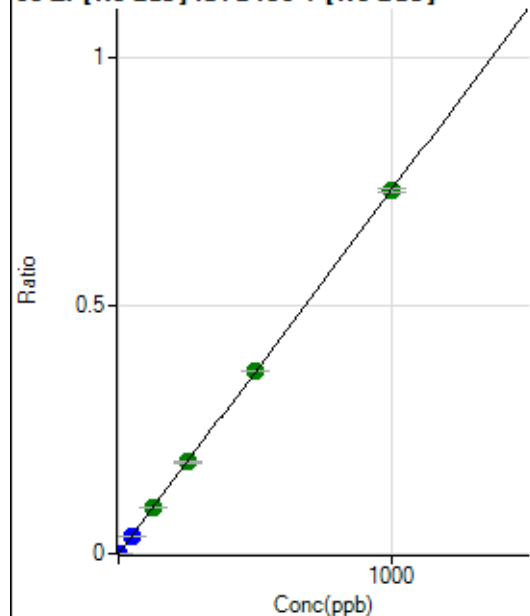
$$y = 0.0012 * x + 2.5063E-005$$

$$R = 1.0000$$

$$DL = 0.004366$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1144.53	0.0000	P	11.6
2	☐	1.000	0.927	21275.06	0.0007	P	3.6
3	☐	50.000	49.730	1097174.64	0.0365	P	0.8
4	☐	125.000	125.751	2800485.39	0.0921	A	0.2
5	☐	250.000	252.411	5501252.60	0.1849	A	1.1
6	☐	500.000	502.802	10924811.70	0.3682	A	0.8
7	☐	1000.000	997.916	22251536.96	0.7308	A	1.2
8	☐			5787.50	0.0002	P	7.4

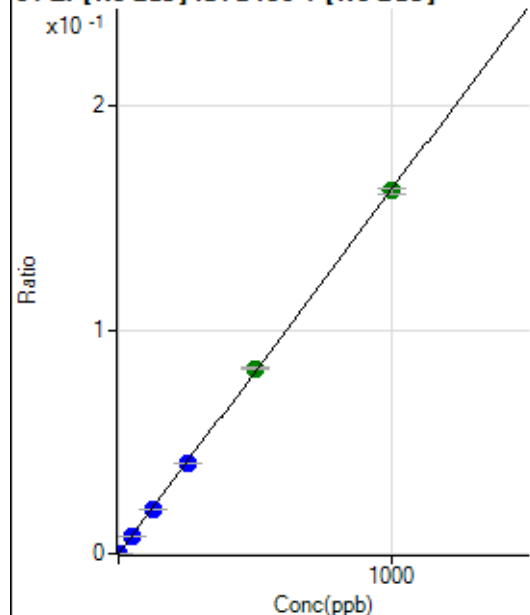
$$y = 7.3228E-004 * x + 3.9989E-005$$

$$R = 1.0000$$

$$DL = 0.01902$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	219.45	0.0000	P	6.2
2	☐	1.000	0.944	4778.71	0.0002	P	4.4
3	☐	50.000	49.502	242531.86	0.0081	P	0.6
4	☐	125.000	122.284	604785.38	0.0199	P	1.3
5	☐	250.000	249.067	1205594.36	0.0405	P	0.7
6	☐	500.000	508.311	2452852.75	0.0827	A	1.0
7	☐	1000.000	996.442	4934279.02	0.1621	A	1.8
8	☐			1236.20	0.0000	P	20.1

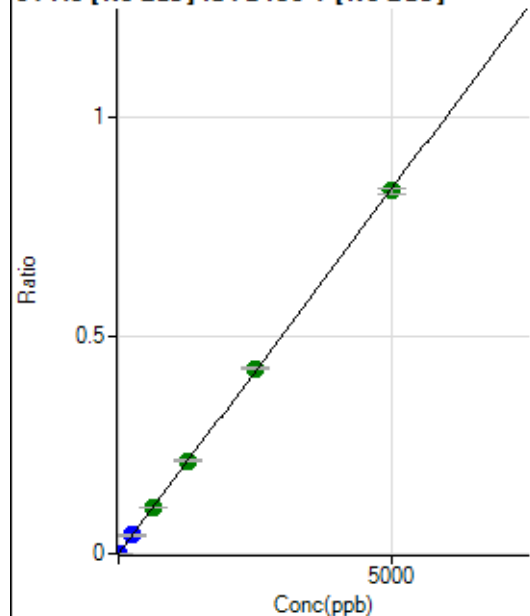
$$y = 1.6264\text{E-}004 * x + 7.6732\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.008716$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	408.35	0.0000	P	11.1
2	☐	5.000	4.819	24302.35	0.0008	P	1.1
3	☐	250.000	250.452	1262110.01	0.0419	P	0.3
4	☐	625.000	631.092	3211313.01	0.1056	A	1.4
5	☐	1250.000	1277.050	6360980.92	0.2138	A	0.7
6	☐	2500.000	2536.000	12594391.77	0.4245	A	0.7
7	☐	5000.000	4974.454	25350406.82	0.8327	A	1.8
8	☐			6515.58	0.0002	P	3.7

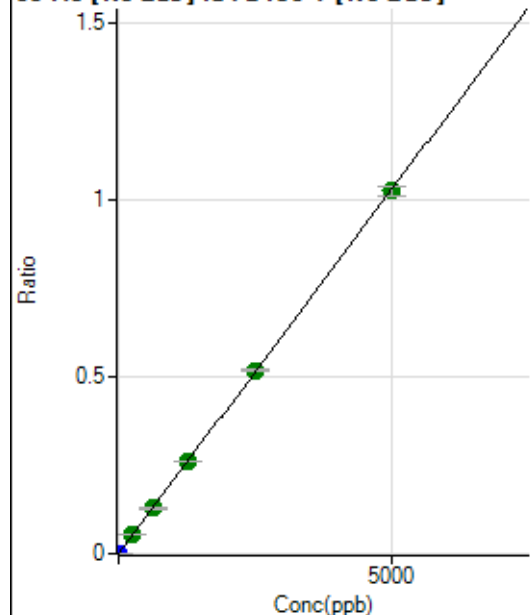
$$y = 1.6738\text{E-}004 * x + 1.4292\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.02845$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	105.56	0.0000	P	23.9
2	☐	5.000	4.887	29793.55	0.0010	P	6.2
3	☐	250.000	253.558	1567625.40	0.0521	A	0.8
4	☐	625.000	622.148	3884315.06	0.1278	A	2.4
5	☐	1250.000	1270.140	7763157.81	0.2609	A	0.9
6	☐	2500.000	2520.659	15361300.00	0.5178	A	0.8
7	☐	5000.000	4984.814	31171865.28	1.0239	A	2.4
8	☐			6193.22	0.0002	P	6.7

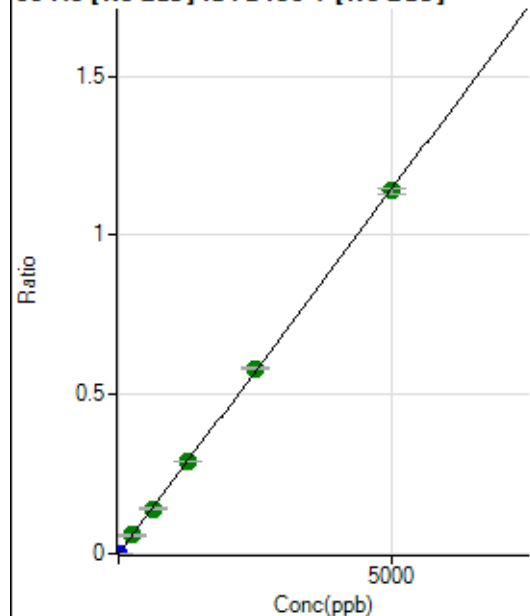
$$y = 2.0540\text{E-}004 * x + 3.6833\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.01284$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	216.67	0.0000	P	2.1
2	☐	5.000	4.819	32856.24	0.0011	P	4.2
3	☐	250.000	250.913	1728591.88	0.0574	A	1.5
4	☐	625.000	613.945	4271514.16	0.1405	A	2.2
5	☐	1250.000	1261.596	8592811.82	0.2888	A	0.5
6	☐	2500.000	2541.373	17258011.67	0.5817	A	0.4
7	☐	5000.000	4977.751	34690365.01	1.1394	A	1.4
8	☐			20426.70	0.0007	P	6.0

$$y = 2.2889\text{E-}004 * x + 7.5835\text{E-}006$$

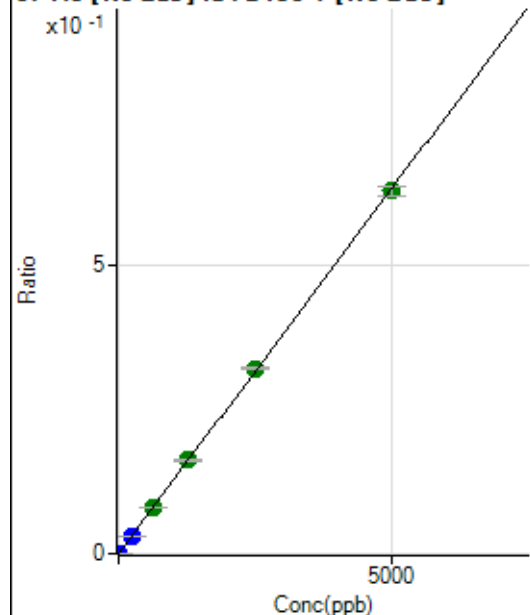
$$R = 0.9999$$

$$DL = 0.00208$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	47.22	0.0000	P	22.1
2	☐	5.000	4.931	18446.02	0.0006	P	2.6
3	☐	250.000	248.272	941900.51	0.0313	P	1.1
4	☐	625.000	627.699	2405103.40	0.0791	A	1.5
5	☐	1250.000	1279.935	4801163.56	0.1613	A	0.8
6	☐	2500.000	2538.586	9493648.04	0.3200	A	0.9
7	☐	5000.000	4972.972	19084040.18	0.6269	A	2.4
8	☐			3858.98	0.0001	P	5.0

$$y = 1.2605E-004 * x + 1.6564E-006$$

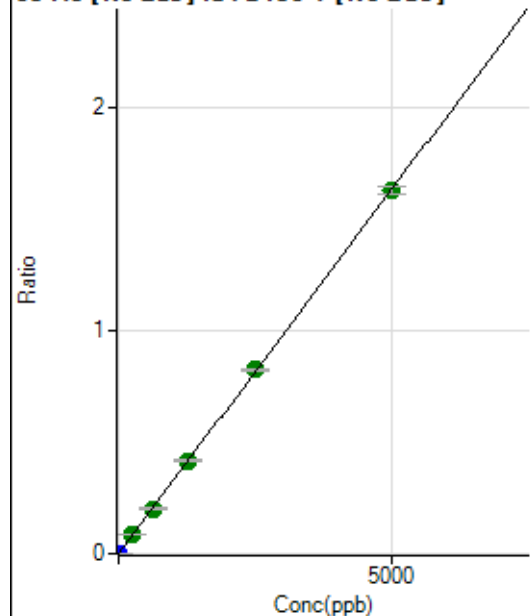
$$R = 0.9999$$

$$DL = 0.008725$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	144.45	0.0000	P	33.2
2	☐	5.000	4.920	47766.26	0.0016	P	3.1
3	☐	250.000	254.745	2507607.15	0.0833	A	0.7
4	☐	625.000	619.841	6161912.38	0.2027	A	2.1
5	☐	1250.000	1273.024	12388866.07	0.4164	A	1.7
6	☐	2500.000	2522.772	24478672.94	0.8251	A	0.8
7	☐	5000.000	4983.266	49619027.50	1.6298	A	2.0
8	☐			8994.82	0.0003	P	3.9

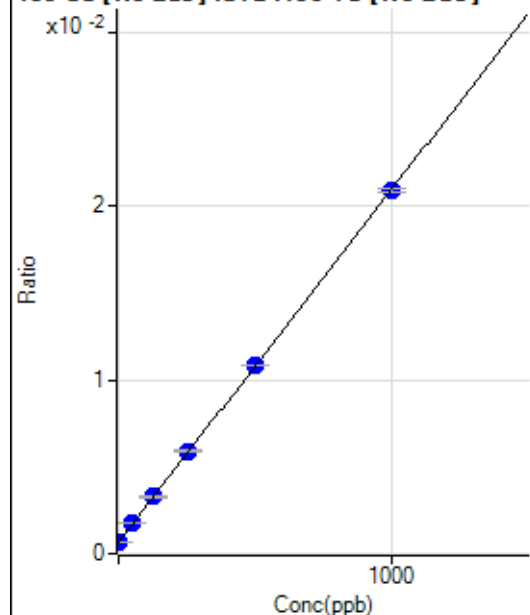
$$y = 3.2706E-004 * x + 5.0761E-006$$

$$R = 1.0000$$

$$DL = 0.01545$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	9061.62	0.0007	P	2.8
2	☐	1.000	1.130	9559.09	0.0007	P	3.1
3	☐	50.000	53.107	24349.92	0.0017	P	1.1
4	☐	125.000	128.435	47510.54	0.0033	P	1.1
5	☐	250.000	257.257	85479.01	0.0059	P	1.6
6	☐	500.000	502.047	160612.73	0.0108	P	0.8
7	☐	1000.000	996.577	313413.98	0.0209	P	1.0
8	☐			8894.82	0.0006	P	3.5

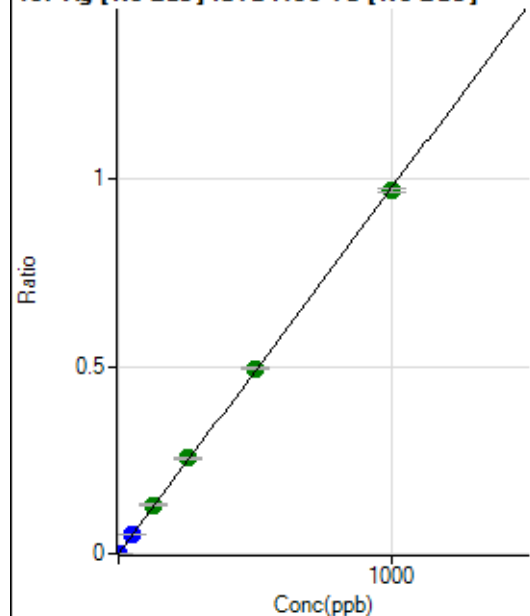
$$y = 2.0288\text{E-}005 * x + 6.6275\text{E-}004$$

$$R = 1.0000$$

$$DL = 2.745$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	375.02	0.0000	P	24.7
2	☐	1.000	1.005	14032.55	0.0010	P	8.1
3	☐	50.000	53.043	724068.04	0.0517	P	0.2
4	☐	125.000	133.876	1897779.04	0.1306	A	2.9
5	☐	250.000	261.106	3700032.16	0.2546	A	1.1
6	☐	500.000	506.964	7318165.70	0.4943	A	1.3
7	☐	1000.000	992.480	14525480.88	0.9677	A	1.1
8	☐			2747.57	0.0002	P	10.4

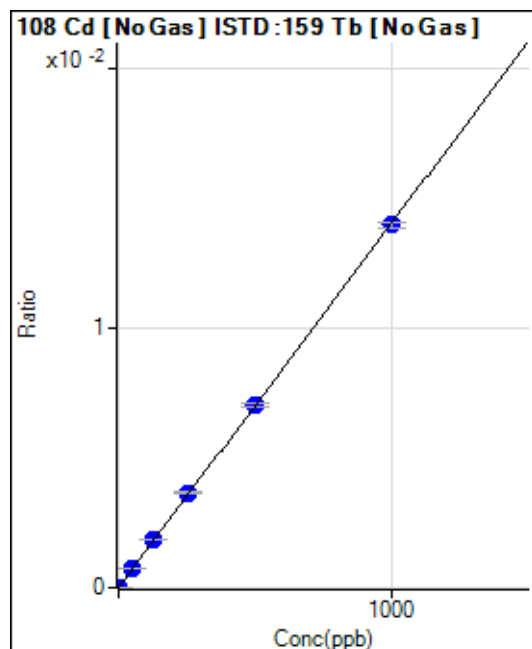
$$y = 9.7498\text{E-}004 * x + 2.7591\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.02099$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	59.72	0.0000	P	7.3
2	☐	1.000	1.075	270.84	0.0000	P	13.8
3	☐	50.000	53.636	10609.73	0.0008	P	1.7
4	☐	125.000	130.905	26811.03	0.0018	P	1.5
5	☐	250.000	259.843	53135.16	0.0037	P	1.4
6	☐	500.000	501.682	104450.47	0.0071	P	1.7
7	☐	1000.000	995.778	210110.23	0.0140	P	1.9
8	☐			409.74	0.0000	P	3.5

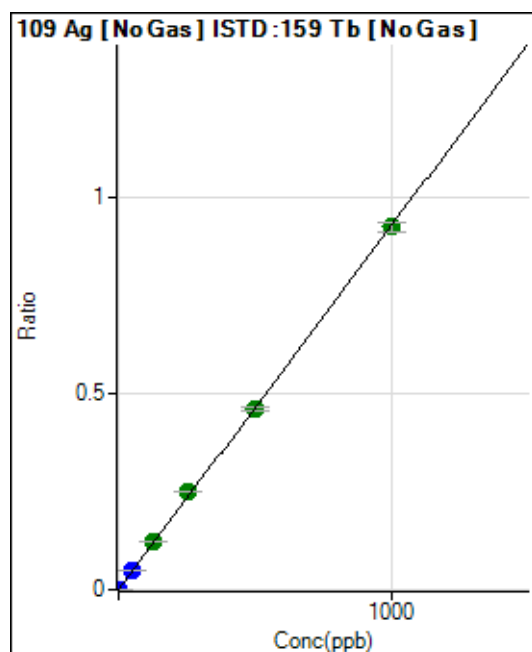
$$y = 1.4054\text{E-}005 * x + 4.3634\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.06841$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	316.68	0.0000	P	37.2
2	☐	1.000	0.987	13109.39	0.0009	P	4.1
3	☐	50.000	54.298	706065.76	0.0505	P	1.6
4	☐	125.000	133.014	1796141.58	0.1236	A	2.3
5	☐	250.000	268.884	3629922.13	0.2498	A	0.7
6	☐	500.000	495.452	6813199.46	0.4602	A	1.9
7	☐	1000.000	996.337	13889458.12	0.9255	A	2.3
8	☐			2780.91	0.0002	P	11.7

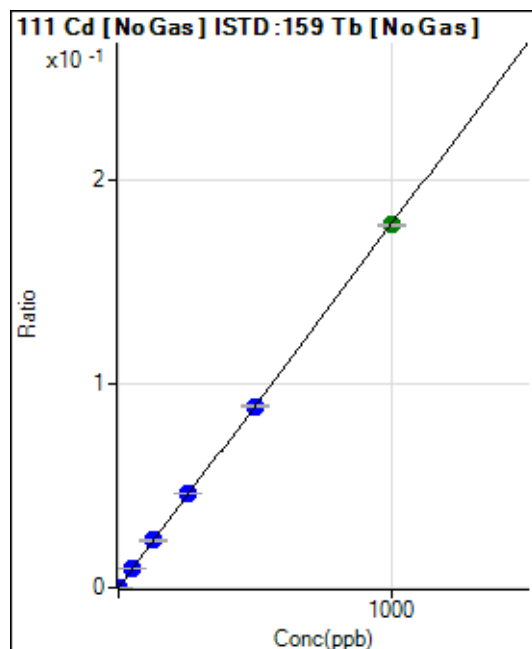
$$y = 9.2884\text{E-}004 * x + 2.3315\text{E-}005$$

$$R = 0.9998$$

$$DL = 0.02799$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	915.74	0.0001	P	2.5
2	☐	1.000	1.030	3498.57	0.0003	P	3.3
3	☐	50.000	53.868	135540.05	0.0097	P	1.5
4	☐	125.000	129.370	336781.01	0.0232	P	2.2
5	☐	250.000	258.729	672452.97	0.0463	P	1.3
6	☐	500.000	499.292	1321122.06	0.0892	P	0.8
7	☐	1000.000	997.432	2674589.17	0.1782	A	0.7
8	☐			1192.97	0.0001	P	7.8

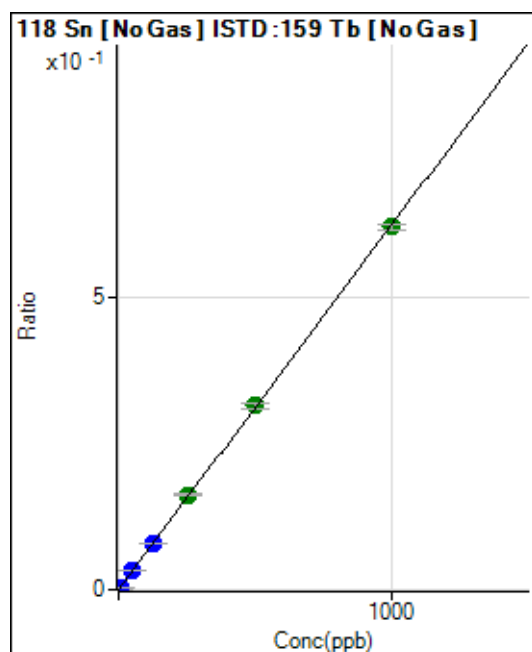
$$y = 1.7858\text{E-}004 * x + 6.6988\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.02844$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1255.65	0.0001	P	18.0
2	☐	5.000	4.912	44035.58	0.0032	P	2.6
3	☐	50.000	52.093	456301.26	0.0326	P	0.4
4	☐	125.000	127.598	1159211.85	0.0797	P	0.7
5	☐	250.000	260.200	2361762.57	0.1625	A	0.8
6	☐	500.000	503.922	4658028.45	0.3146	A	2.3
7	☐	1000.000	995.060	9325670.00	0.6212	A	1.7
8	☐			4901.01	0.0004	P	3.2

$$y = 6.2421\text{E-}004 * x + 9.2167\text{E-}005$$

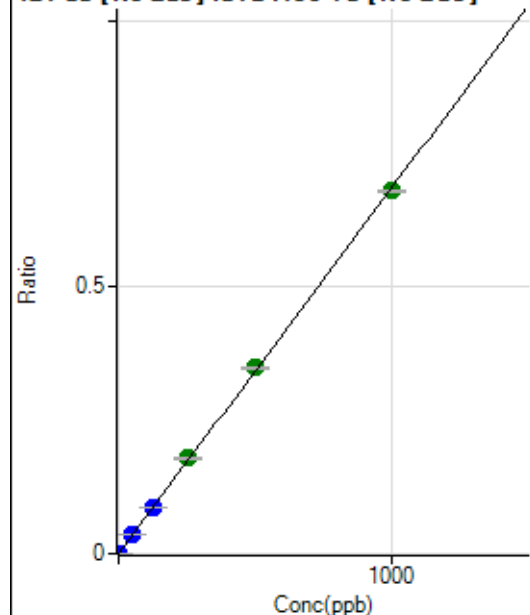
$$R = 0.9999$$

$$DL = 0.07986$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	50.00	0.0000	P	14.6
2	☐	2.000	2.003	19208.44	0.0014	P	4.5
3	☐	50.000	51.792	497059.48	0.0355	P	0.1
4	☐	125.000	127.292	1269038.61	0.0873	P	0.5
5	☐	250.000	261.081	2602042.42	0.1790	A	0.7
6	☐	500.000	508.049	5158133.02	0.3484	A	1.5
7	☐	1000.000	992.829	10220424.36	0.6809	A	0.9
8	☐			3917.34	0.0003	P	4.6

$$y = 6.8578E-004 * x + 3.6528E-006$$

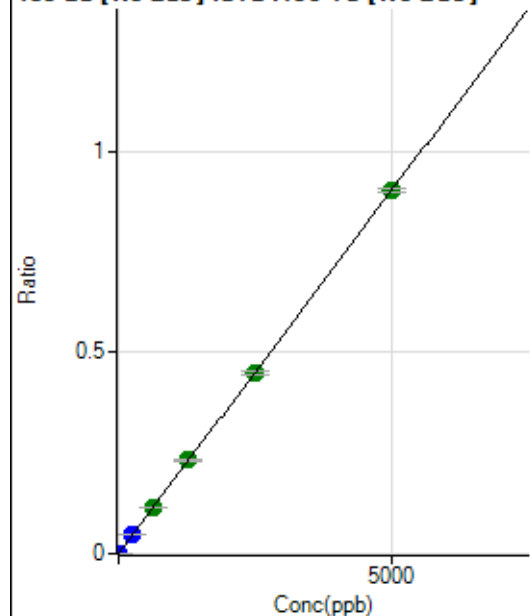
$$R = 0.9999$$

$$DL = 0.00233$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	27.78	0.0000	P	34.4
2	☐	10.000	10.114	25494.05	0.0018	P	4.1
3	☐	250.000	255.559	646030.81	0.0462	P	1.5
4	☐	625.000	636.724	1672267.43	0.1150	A	0.7
5	☐	1250.000	1290.142	3387109.84	0.2331	A	1.4
6	☐	2500.000	2484.474	6644376.88	0.4488	A	2.3
7	☐	5000.000	4995.984	13546591.36	0.9025	A	1.1
8	☐			4959.38	0.0004	P	1.5

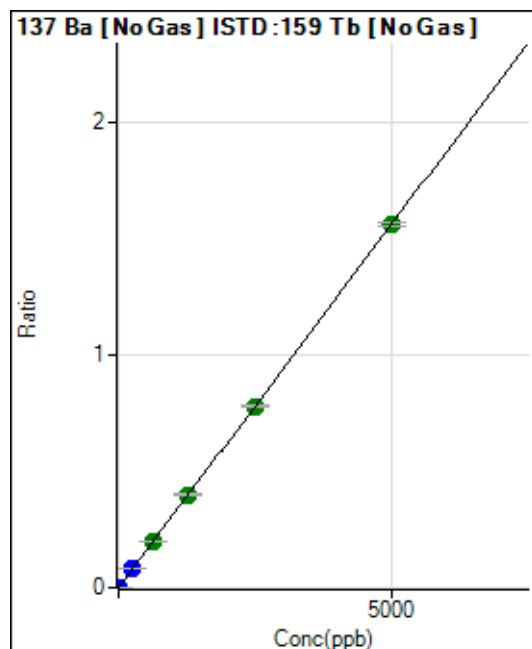
$$y = 1.8065E-004 * x + 2.0311E-006$$

$$R = 1.0000$$

$$DL = 0.0116$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	102.78	0.0000	P	19.8
2	☐	10.000	9.856	43049.86	0.0031	P	4.4
3	☐	250.000	261.724	1144954.89	0.0818	P	0.7
4	☐	625.000	635.083	2886251.95	0.1985	A	0.4
5	☐	1250.000	1282.541	5826582.33	0.4009	A	1.8
6	☐	2500.000	2496.848	11557119.18	0.7805	A	0.9
7	☐	5000.000	4991.595	23420526.91	1.5604	A	1.2
8	☐			8527.90	0.0006	P	3.2

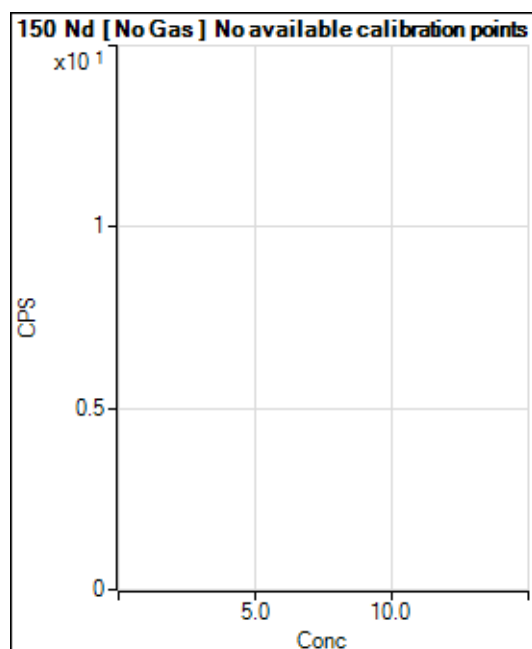
$$y = 3.1260\text{E-}004 * x + 7.5538\text{E-}006$$

$$R = 1.0000$$

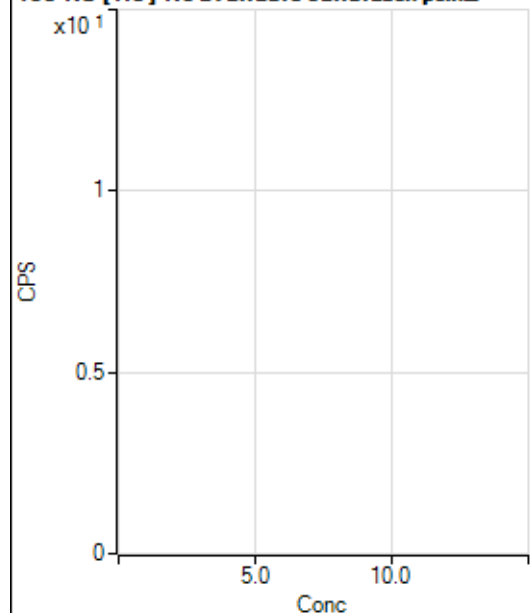
$$DL = 0.01436$$

Weight: <None>

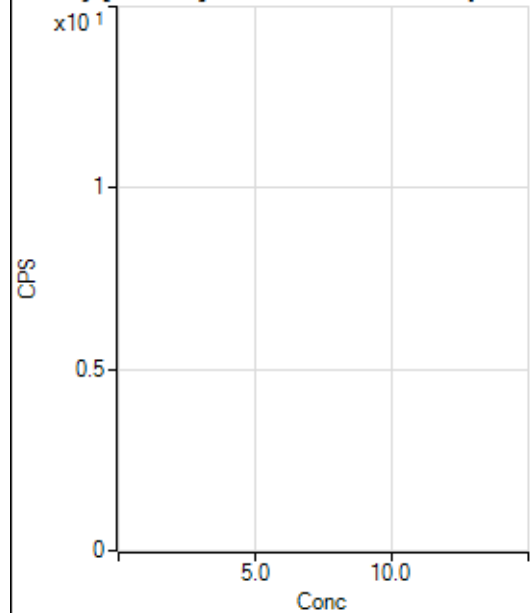
Min Conc: 0



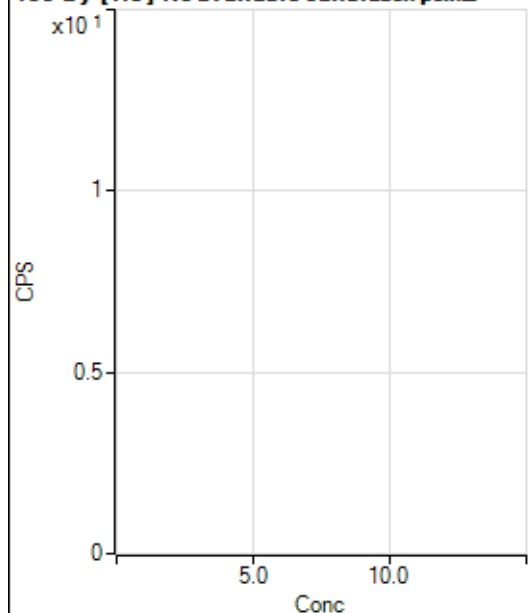
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			4.45		P	86.6
2	☐			13.33		P	50.0
3	☐			46.67		P	49.5
4	☐			84.45		P	4.6
5	☐			215.57		P	17.6
6	☐			317.79		P	14.7
7	☐			602.25		P	4.2
8	☐			84.45		P	9.1

150 Nd [He] No available calibration points

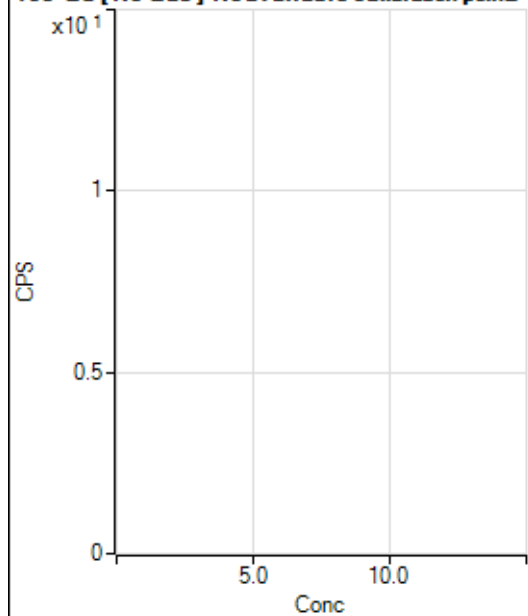
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			2.22		P	86.6
3	☐			7.78		P	65.5
4	☐			6.67		P	132.
5	☐			6.67		P	100.
6	☐			18.89		P	27.0
7	☐			27.78		P	42.1
8	☐			12.22		P	41.7

156 Dy [No Gas] No available calibration points

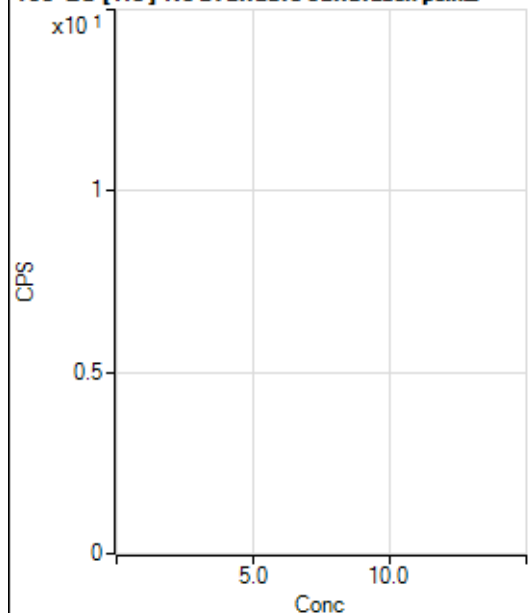
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.33		P	100.
2	☐			8.33		P	100.
3	☐			36.11		P	13.3
4	☐			55.56		P	17.3
5	☐			175.01		P	16.5
6	☐			255.57		P	10.0
7	☐			458.36		P	8.3
8	☐			1811.29		P	13.5

156 Dy [He] No available calibration points

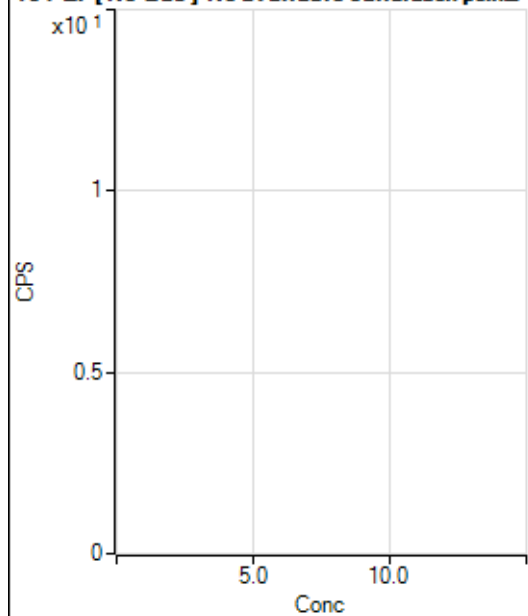
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	132.
2	☐			4.45		P	86.6
3	☐			17.78		P	21.7
4	☐			31.11		P	43.3
5	☐			56.67		P	5.9
6	☐			96.67		P	10.3
7	☐			226.67		P	1.5
8	☐			864.48		P	3.1

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

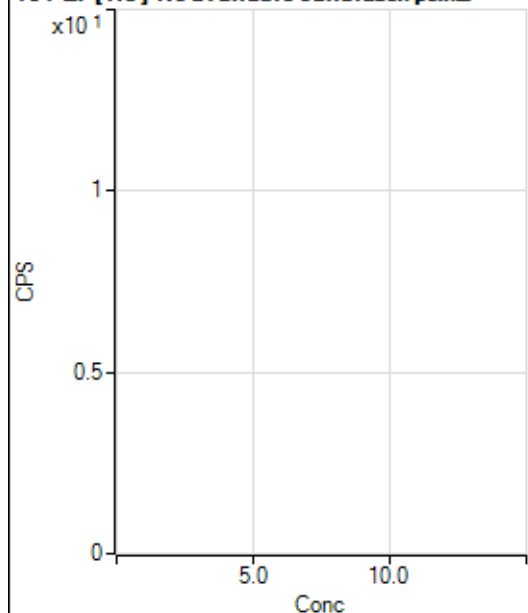
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			130.56		P	7.4
2	☐			130.56		P	26.6
3	☐			188.90		P	16.7
4	☐			222.23		P	9.4
5	☐			241.68		P	32.9
6	☐			352.79		P	18.3
7	☐			680.59		P	13.2
8	☐			2030.77		P	1.3

160 Gd [He] No available calibration points

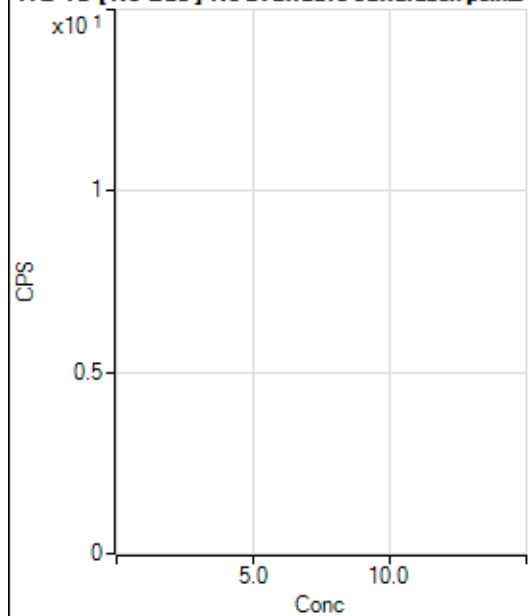
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			63.33		P	5.3
2	☐			72.22		P	11.6
3	☐			66.67		P	5.0
4	☐			77.78		P	9.9
5	☐			133.34		P	40.2
6	☐			165.56		P	19.1
7	☐			288.90		P	0.7
8	☐			1105.62		P	0.5

164 Er [No Gas] No available calibration points

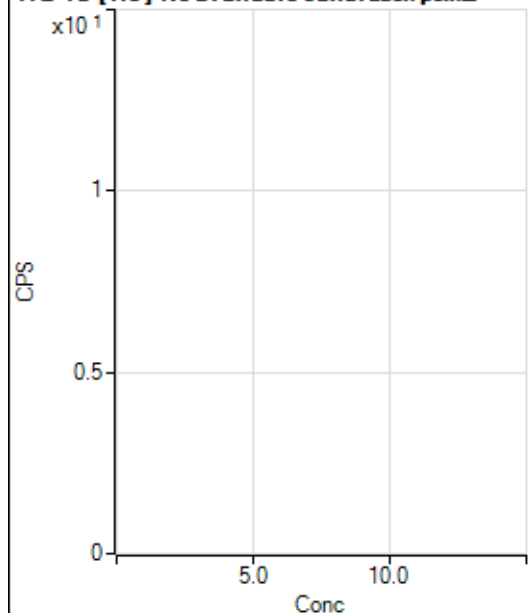
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			75.00		P	11.1
2	☐			77.78		P	37.6
3	☐			75.00		P	11.1
4	☐			88.89		P	5.4
5	☐			97.22		P	21.6
6	☐			111.11		P	38.5
7	☐			144.45		P	12.0
8	☐			397.24		P	19.5

164 Er [He] No available calibration points

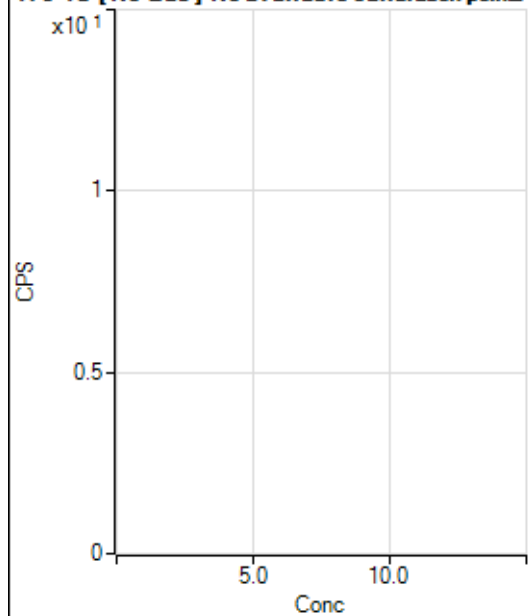
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			31.11		P	65.5
2	☐			28.89		P	46.6
3	☐			37.78		P	10.2
4	☐			31.11		P	44.6
5	☐			45.56		P	18.4
6	☐			57.78		P	12.0
7	☐			75.56		P	28.7
8	☐			164.45		P	17.5

172 Yb [No Gas] No available calibration points

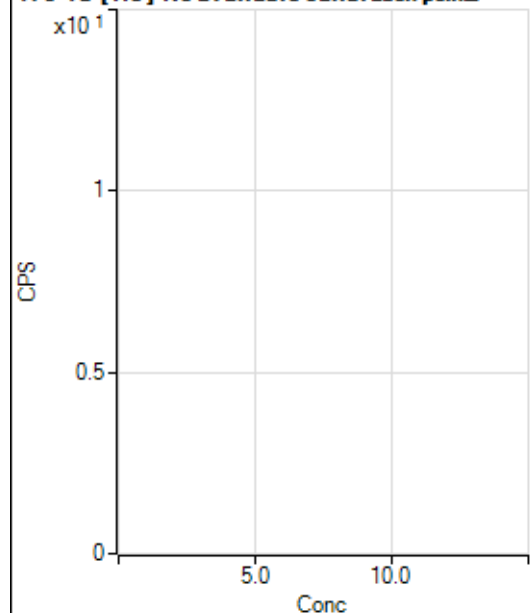
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			19.44		P	89.2
2	☐			30.56		P	41.7
3	☐			22.22		P	21.6
4	☐			30.56		P	31.5
5	☐			25.00		P	88.2
6	☐			38.89		P	24.7
7	☐			47.22		P	27.0
8	☐			80.56		P	29.9

172 Yb [He] No available calibration points

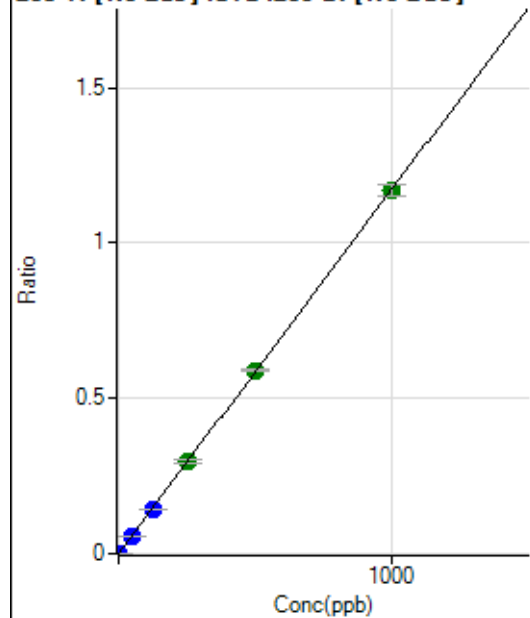
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16.67		P	57.7
2	☐			9.26		P	91.7
3	☐			20.37		P	31.5
4	☐			14.82		P	57.3
5	☐			18.52		P	45.8
6	☐			12.96		P	107.
7	☐			12.96		P	24.8
8	☐			50.00		P	38.5

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2116.89		P	5.7
2	☐			2180.81		P	7.5
3	☐			3942.38		P	6.0
4	☐			6801.94		P	5.1
5	☐			11772.23		P	0.3
6	☐			21089.61		P	2.0
7	☐			42131.82		P	0.5
8	☐			2025.21		P	4.3

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4202.59		P	3.1
2	☐			3524.62		P	2.5
3	☐			3904.35		P	6.1
4	☐			5399.34		P	6.1
5	☐			7594.91		P	3.7
6	☐			12107.59		P	1.2
7	☐			21693.98		P	1.2
8	☐			3020.76		P	4.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	488.91	0.0001	P	22.7
2	☐	1.000	0.907	8878.28	0.0011	P	5.1
3	☐	50.000	47.643	443156.65	0.0559	P	0.3
4	☐	125.000	122.241	1141466.16	0.1433	P	2.0
5	☐	250.000	254.407	2397389.35	0.2981	A	4.7
6	☐	500.000	504.655	4750255.40	0.5912	A	1.7
7	☐	1000.000	997.034	9403485.37	1.1680	A	3.0
8	☐			1205.65	0.0002	P	1.5

$$y = 0.0012 * x + 6.4073E-005$$

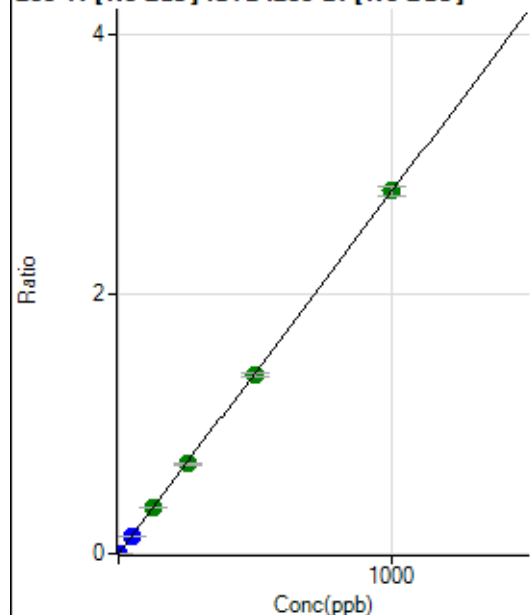
$$R = 1.0000$$

$$DL = 0.03723$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1158.42	0.0002	P	4.9
2	☐	1.000	0.954	22180.59	0.0028	P	1.4
3	☐	50.000	48.127	1065193.56	0.1343	P	0.7
4	☐	125.000	127.310	2828442.66	0.3550	A	3.5
5	☐	250.000	247.323	5547046.13	0.6896	A	2.8
6	☐	500.000	495.407	11095158.58	1.3811	A	1.7
7	☐	1000.000	1002.770	22502106.58	2.7953	A	2.4
8	☐			2967.10	0.0004	P	9.6

$$y = 0.0028 * x + 1.5178E-004$$

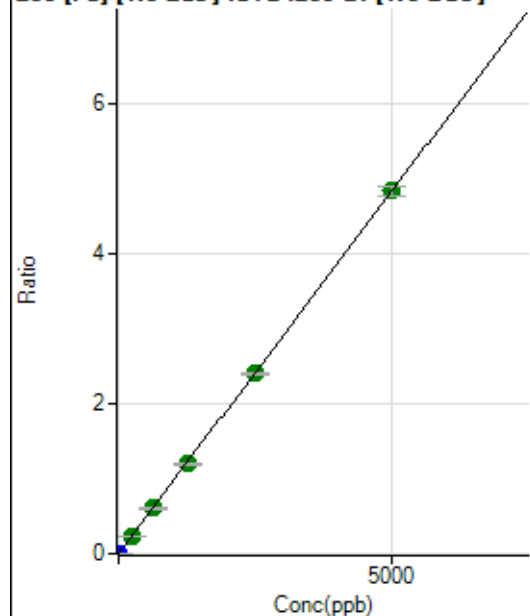
$$R = 1.0000$$

$$DL = 0.00796$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1481.60	0.0002	P	7.9
2	☐	1.000	0.920	8527.05	0.0011	P	0.7
3	☐	250.000	250.079	1913073.52	0.2412	A	0.7
4	☐	625.000	630.645	4843808.50	0.6080	A	3.0
5	☐	1250.000	1242.044	9632062.83	1.1972	A	2.0
6	☐	2500.000	2483.549	19230019.87	2.3937	A	2.0
7	☐	5000.000	5009.505	38865086.06	4.8281	A	2.5
8	☐			11890.82	0.0017	P	2.7

$$y = 9.6374E-004 * x + 1.9420E-004$$

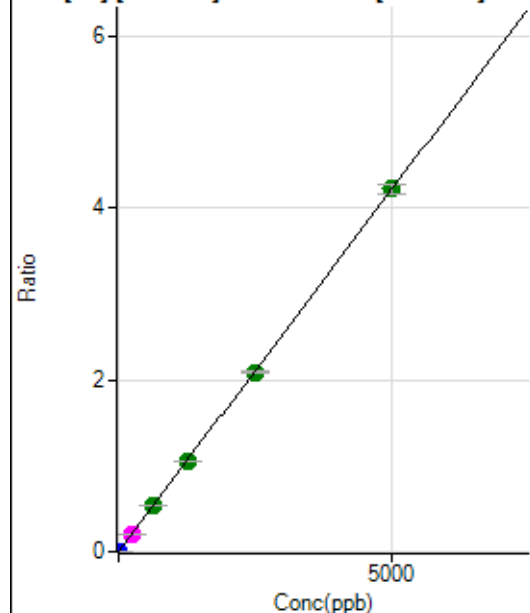
$$R = 1.0000$$

$$DL = 0.0475$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1246.38	0.0002	P	10.4
2	☐	1.000	0.940	7530.12	0.0010	P	1.4
3	☐	250.000	240.281	1606352.15	0.2026	M	4.2
4	☐	625.000	637.589	4280489.88	0.5372	A	1.9
5	☐	1250.000	1246.571	8451133.58	1.0502	A	0.8
6	☐	2500.000	2474.470	16747243.43	2.0845	A	0.9
7	☐	5000.000	5012.535	33989914.65	4.2225	A	2.6
8	☐			10359.89	0.0015	P	4.5

$$y = 8.4235E-004 * x + 1.6293E-004$$

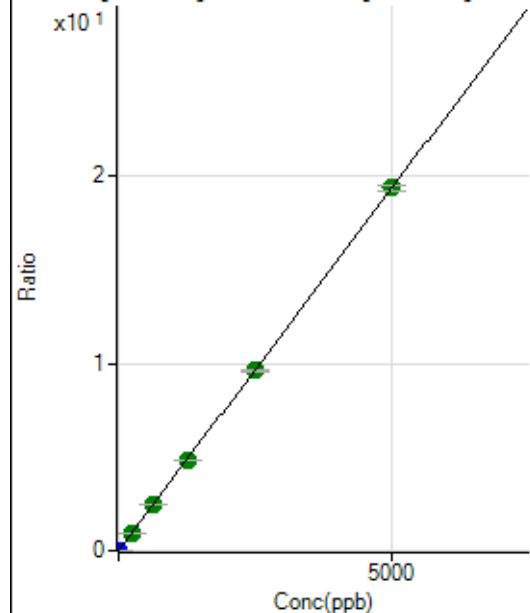
$$R = 1.0000$$

$$DL = 0.06054$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	6034.01	0.0008	P	1.4
2	☐	1.000	0.908	33923.51	0.0043	P	1.7
3	☐	250.000	248.472	7621810.86	0.9610	A	0.9
4	☐	625.000	629.013	19374763.08	2.4316	A	1.2
5	☐	1250.000	1246.744	38773579.51	4.8189	A	2.0
6	☐	2500.000	2482.918	77094920.24	9.5961	A	0.9
7	☐	5000.000	5008.930	155845285.8	19.3580	A	1.8
8	☐			47330.74	0.0067	P	3.9

$$y = 0.0039 * x + 7.9022E-004$$

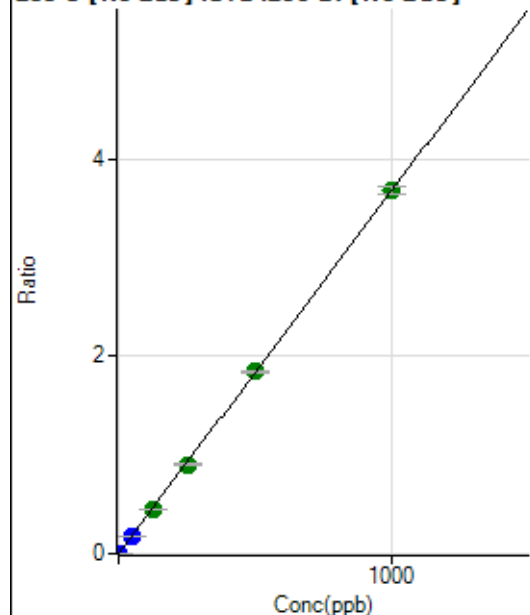
$$R = 1.0000$$

$$DL = 0.008426$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	55.56	0.0000	P	45.6
2	☐	1.000	0.888	25813.03	0.0033	P	2.8
3	☐	50.000	46.691	1361990.95	0.1717	P	0.7
4	☐	125.000	122.457	3588710.67	0.4504	A	1.0
5	☐	250.000	246.100	7281289.31	0.9051	A	2.7
6	☐	500.000	502.443	14845909.71	1.8479	A	1.1
7	☐	1000.000	1000.237	29614889.55	3.6787	A	2.0
8	☐			2464.20	0.0004	P	6.4

$$y = 0.0037 * x + 7.2838E-006$$

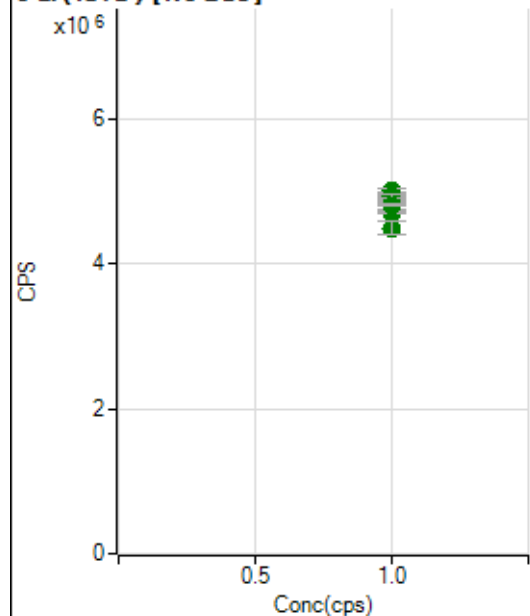
$$R = 1.0000$$

$$DL = 0.002712$$

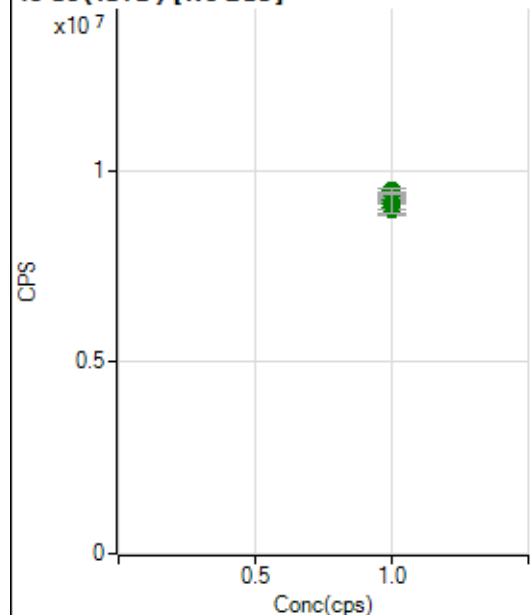
Weight: <None>

Min Conc: 0

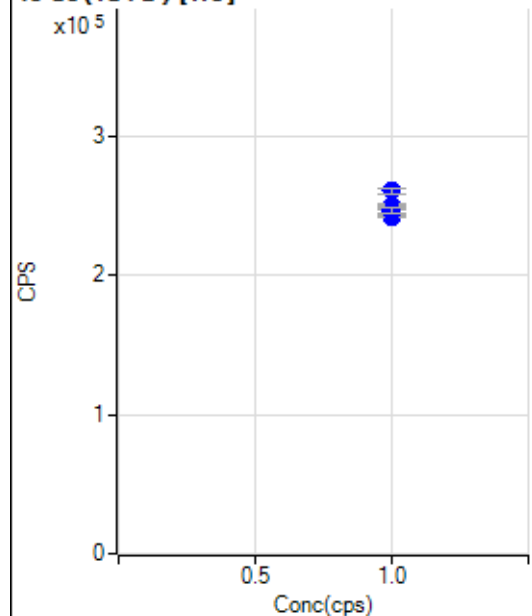
6 Li (ISTD) [No Gas]



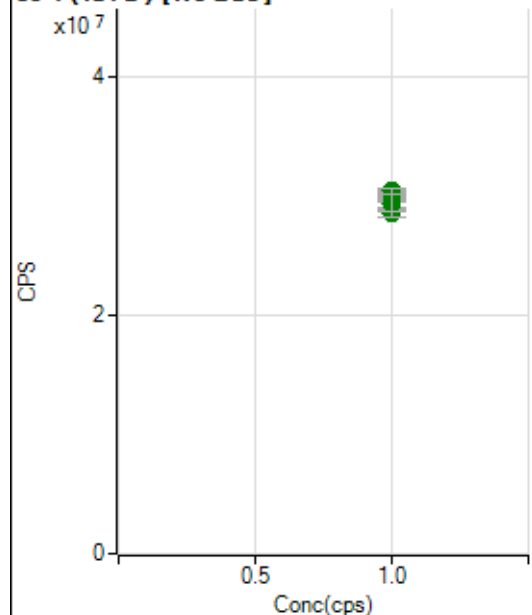
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4712062.35		A	0.9
2	☐	1.000		4831123.53		A	0.9
3	☐	1.000		4910773.51		A	1.3
4	☐	1.000		5011334.03		A	0.9
5	☐	1.000		4809795.67		A	2.2
6	☐	1.000		4948790.12		A	1.1
7	☐	1.000		4813116.68		A	0.3
8	☐	1.000		4491540.04		A	4.1

45 Sc (ISTD) [No Gas]

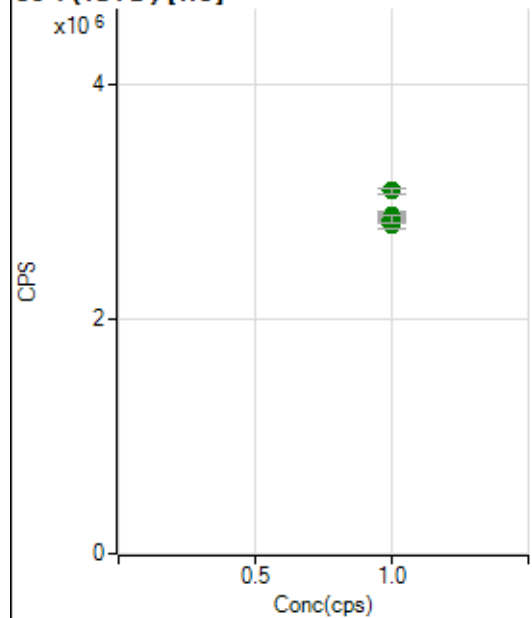
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8980834.80		A	3.8
2	☐	1.000		9133710.28		A	3.4
3	☐	1.000		9283282.85		A	1.0
4	☐	1.000		9218260.00		A	0.4
5	☐	1.000		9037567.92		A	1.6
6	☐	1.000		9238647.85		A	1.3
7	☐	1.000		9458548.33		A	1.2
8	☐	1.000		9132685.70		A	5.3

45 Sc (ISTD) [He]

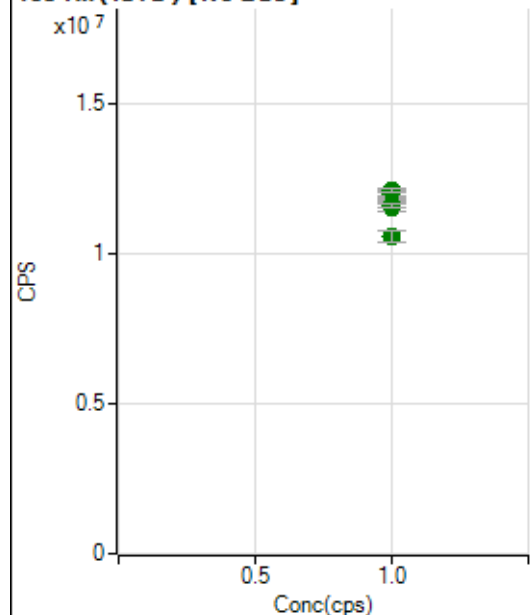
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		246007.85		P	0.9
2	☐	1.000		249752.49		P	1.4
3	☐	1.000		244799.74		P	2.5
4	☐	1.000		245563.31		P	2.1
5	☐	1.000		242126.84		P	0.5
6	☐	1.000		247210.09		P	1.8
7	☐	1.000		246351.15		P	1.8
8	☐	1.000		260445.67		P	1.3

89 Y (ISTD) [No Gas]

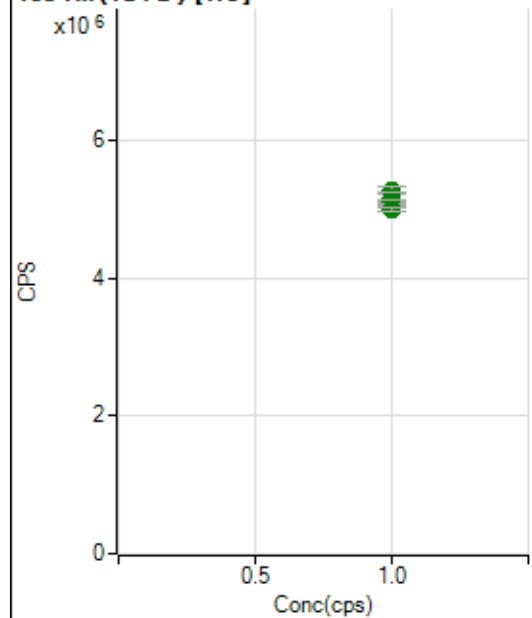
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		28580183.19		A	2.1
2	☐	1.000		29614651.78		A	3.4
3	☐	1.000		30096322.88		A	0.6
4	☐	1.000		30398350.38		A	0.8
5	☐	1.000		29757017.33		A	0.7
6	☐	1.000		29668257.61		A	0.5
7	☐	1.000		30451716.77		A	1.8
8	☐	1.000		29446386.50		A	4.6

89 Y (ISTD) [He]

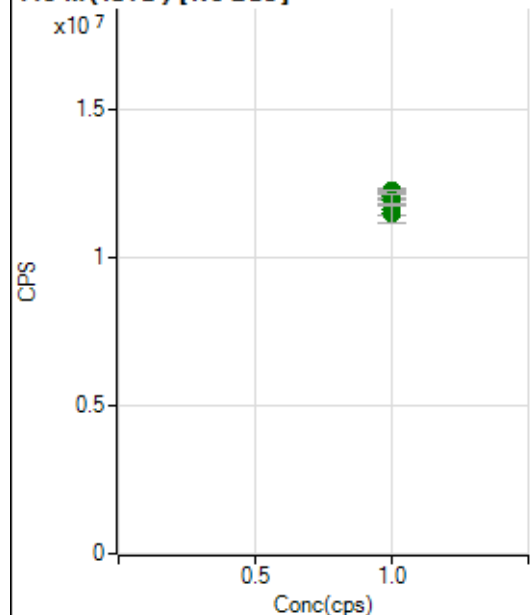
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2859484.61		A	0.5
2	☐	1.000		2880370.34		A	2.6
3	☐	1.000		2871497.77		A	1.8
4	☐	1.000		2835497.21		A	1.5
5	☐	1.000		2799491.14		A	2.1
6	☐	1.000		2864123.43		A	0.9
7	☐	1.000		2853897.01		A	2.1
8	☐	1.000		3095746.48		A	1.8

103 Rh (ISTD) [No Gas]

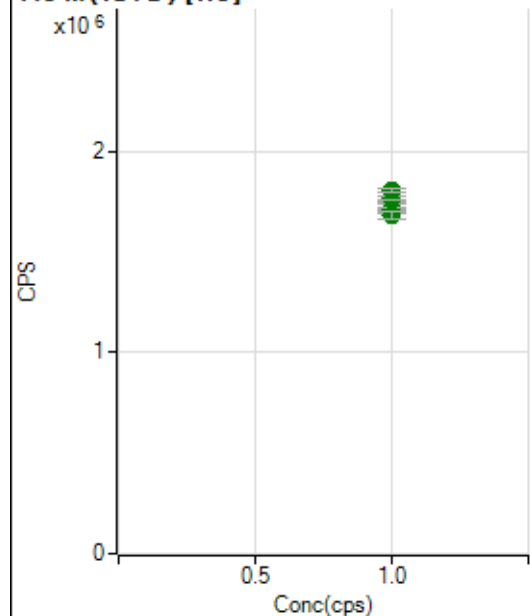
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11531232.98		A	2.3
2	☐	1.000		12009429.70		A	1.7
3	☐	1.000		12088133.43		A	1.2
4	☐	1.000		11747393.32		A	1.6
5	☐	1.000		11672774.39		A	0.7
6	☐	1.000		11672717.45		A	2.0
7	☐	1.000		11574347.66		A	1.0
8	☐	1.000		10573008.22		A	4.2

103 Rh (ISTD) [He]

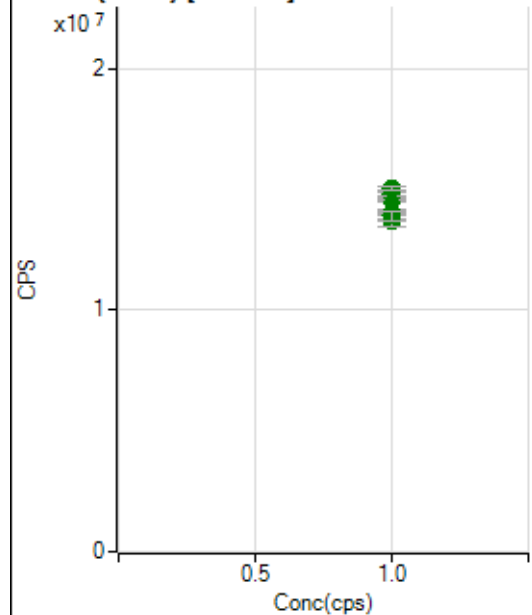
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5236419.16		A	0.3
2	☐	1.000		5259826.21		A	2.0
3	☐	1.000		5170678.64		A	2.7
4	☐	1.000		5091828.50		A	0.1
5	☐	1.000		5062295.48		A	0.6
6	☐	1.000		5104325.51		A	1.3
7	☐	1.000		5003369.37		A	1.6
8	☐	1.000		4996391.52		A	1.2

115 In (ISTD) [No Gas]

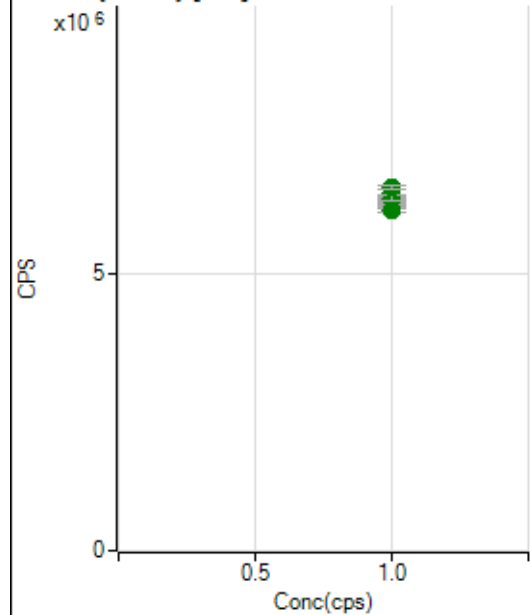
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11615475.15		A	3.2
2	☐	1.000		12011434.80		A	3.5
3	☐	1.000		12093837.82		A	1.3
4	☐	1.000		12215021.92		A	1.1
5	☐	1.000		12023220.55		A	1.4
6	☐	1.000		12227074.28		A	0.7
7	☐	1.000		11945265.76		A	2.5
8	☐	1.000		11444299.75		A	4.8

115 In (ISTD) [He]

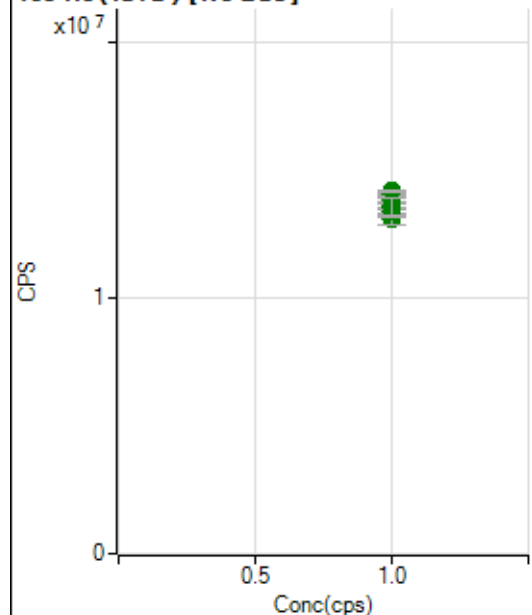
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1741000.31		A	0.6
2	☐	1.000		1770452.91		A	1.0
3	☐	1.000		1708549.52		A	1.8
4	☐	1.000		1709540.73		A	0.8
5	☐	1.000		1709705.59		A	0.4
6	☐	1.000		1706218.14		A	1.4
7	☐	1.000		1684327.44		A	2.2
8	☐	1.000		1802658.01		A	0.9

159 Tb (ISTD) [No Gas]

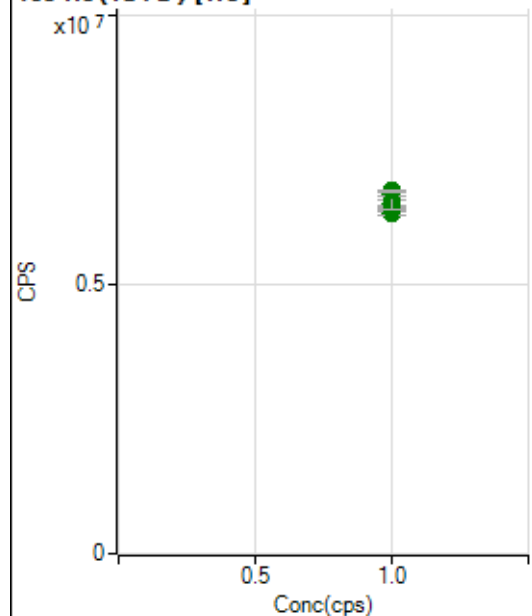
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		13665563.69		A	3.3
2	☐	1.000		13949337.02		A	3.2
3	☐	1.000		13993338.54		A	0.6
4	☐	1.000		14537439.37		A	1.0
5	☐	1.000		14532791.31		A	0.2
6	☐	1.000		14806222.83		A	1.0
7	☐	1.000		15010654.08		A	1.1
8	☐	1.000		13886320.63		A	2.9

159 Tb (ISTD) [He]

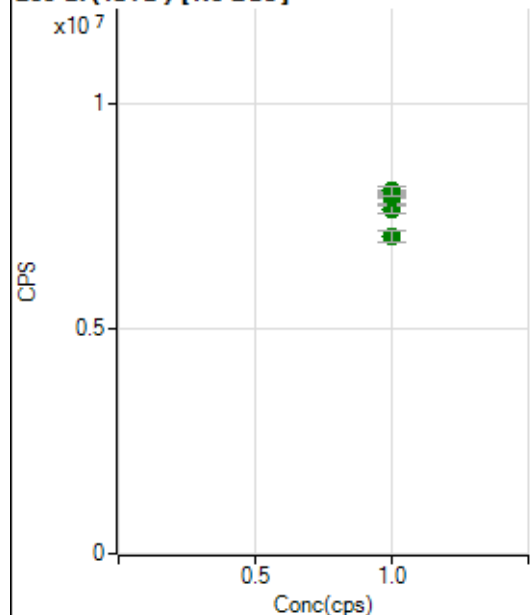
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6168409.56		A	0.9
2	☐	1.000		6291623.94		A	0.8
3	☐	1.000		6280230.67		A	2.4
4	☐	1.000		6212102.82		A	0.7
5	☐	1.000		6280498.45		A	0.6
6	☐	1.000		6467381.99		A	2.4
7	☐	1.000		6386917.82		A	1.4
8	☐	1.000		6568095.81		A	1.1

165 Ho (ISTD) [No Gas]

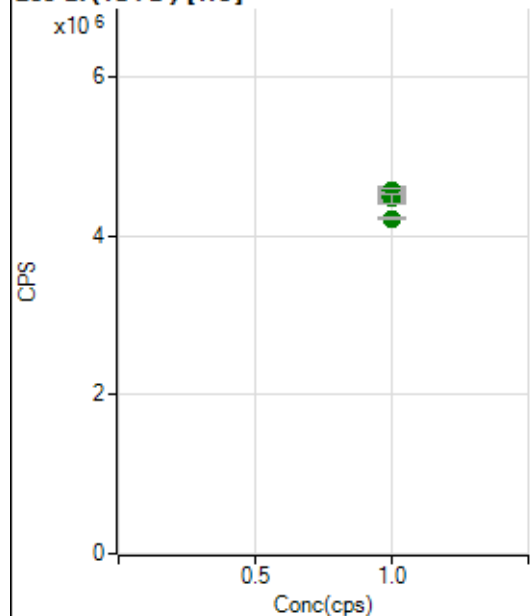
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		13093362.97		A	3.0
2	☐	1.000		13380639.71		A	2.8
3	☐	1.000		13561987.98		A	1.8
4	☐	1.000		13748383.12		A	0.9
5	☐	1.000		13860943.37		A	2.8
6	☐	1.000		14075489.03		A	1.2
7	☐	1.000		14204913.51		A	0.4
8	☐	1.000		13621333.90		A	4.9

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6338095.25		A	1.7
2	☐	1.000		6426925.32		A	1.9
3	☐	1.000		6389206.22		A	0.2
4	☐	1.000		6397512.33		A	0.8
5	☐	1.000		6433279.49		A	0.1
6	☐	1.000		6675873.30		A	2.9
7	☐	1.000		6520274.69		A	4.2
8	☐	1.000		6747543.16		A	0.5

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7637310.58		A	2.4
2	☐	1.000		7889546.83		A	2.6
3	☐	1.000		7931287.66		A	0.8
4	☐	1.000		7968253.00		A	0.7
5	☐	1.000		8047552.03		A	2.1
6	☐	1.000		8034320.30		A	0.7
7	☐	1.000		8052933.28		A	2.3
8	☐	1.000		7038841.70		A	3.6

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4469064.27		A	1.3
2	☐	1.000		4559815.56		A	2.2
3	☐	1.000		4470943.44		A	2.3
4	☐	1.000		4508960.17		A	1.1
5	☐	1.000		4543290.90		A	1.0
6	☐	1.000		4562713.12		A	1.2
7	☐	1.000		4465161.50		A	2.7
8	☐	1.000		4216909.73		A	0.7

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\P8100621\IMS.b
Acq. Date-Time 2021-10-06 08:51:41
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		19337	193370.73			2.713	5.000
24		171337	1713374.02			2.040	5.000
25		22562	225623.74			2.423	5.000
26		25882	258816.05			2.666	5.000
59		43254	432535.43			2.253	5.000
113		18137	181371.79			2.631	5.000
115		54762	547620.06			2.479	5.000
206		22989	229892.38			2.444	5.000
207		19156	191558.75			2.444	5.000
208		48096	480961.35			2.217	5.000
220		1	5.90			20.233	

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

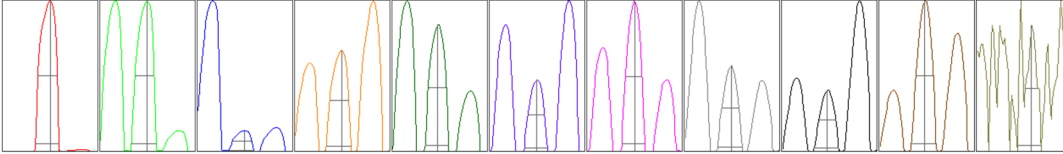
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	19830	19157	18648	19899	19150
24	173490	171728	167196	175717	168556
25	23114	22489	21839	23092	22277
26	26741	25755	25021	26393	25497
59	44293	42979	42206	44263	42527
113	18587	17875	17623	18702	17898
115	56512	54835	53169	55579	53714
206	23523	22864	22253	23581	22724
207	19634	19036	18582	19638	18890
208	49523	47741	47047	48887	47283

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	33461.74	9.05	8.90 - 9.10	
24	295370.91	24.00	23.90 - 24.10	
25	39727.18	25.00	24.90 - 25.10	
26	45408.16	26.00	25.90 - 26.10	
59	79936.90	58.95	58.90 - 59.10	
113	35870.08	113.00	112.90 - 113.10	
115	109723.86	115.05	114.90 - 115.10	
206	44412.20	206.00	205.90 - 206.10	
207	37070.66	206.95	206.90 - 207.10	
208	91316.84	207.95	207.90 - 208.10	
220	1.00	220.25	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.61	0.739	0.900	
24	0.61	0.783	0.900	
25	0.60	0.779	0.900	
26	0.60	0.784	0.900	
59	0.57	0.738	0.900	
113	0.52	0.727	0.900	
115	0.51	0.729	0.900	
206	0.54	0.779	0.900	
207	0.54	0.771	0.900	
208	0.54	0.777	0.900	
220	0.40	0.741		

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

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

US EPA Tune Check Report

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

Lens Parameters

Extract 1	-6.0 V	Omega Lens	10.4 V	Deflect	14.4 V
Extract 2	-225.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-100 V	Cell Exit	-50 V		

Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	4.0 V
He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	---	OctP RF	190 V		

QP Parameters

Mass Gain	123	Axis Gain	0.9992	QP Bias	-4.0 V
Mass Offset	125	Axis Offset	-0.01		

Hardware Settings

Torch

Torch H	0.9 mm	Torch V	-0.8 mm

EM

Discriminator	4.0 mV	Analog HV	2255 V	Pulse HV	1537 V

[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		7748	77477.47			3.097	
89		25783	257832.06			3.533	
205		21395	213952.66			3.408	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	7667	7382	7772	7967	7951
89	25594	24370	25807	26438	26708
205	21225	20261	21487	21819	22184

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	10.4 V	Deflect	5.6 V

US EPA Tune Check Report

Extract 2	-225.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-100 V	Cell Exit	-70 V		
Cell Parameters					
Use Gas	Yes	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	4.5 mL/min	OctP Bias	-18.0 V		
H2 Flow	---	OctP RF	200 V		
QP Parameters					
Mass Gain	123	Axis Gain	0.9992	QP Bias	-13.0 V
Mass Offset	125	Axis Offset	-0.01		
Hardware Settings					
Torch					
Torch H	0.9 mm	Torch V	-0.8 mm		
EM					
Discriminator	4.0 mV	Analog HV	2255 V	Pulse HV	1537 V

LB Number : LB116689 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P8
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-06 10:19:43 DataFile Name : 003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.01	0.05	-0.07	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.01	0.00	-0.01	0.00	N/A	ppb
Barium	135-1	0.00	0.00	0.00	0.00	N/A	ppb
Barium	137-1	-0.01	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.13	0.17	-0.04	0.00	N/A	ppb
Boron	11-1	-0.01	0.04	-0.03	0.00	N/A	ppb
Bromine	81-1						cps
Cadmium	111-1	0.01	-0.01	0.00	0.00	N/A	ppb
Cadmium	106-1	1.04	-0.69	-0.34	0.00	N/A	ppb
Cadmium	108-1	0.02	0.00	-0.02	0.00	N/A	ppb
Calcium	43-1	-0.82	-1.45	2.27	0.00	N/A	ppb
Calcium	44-1	-2.60	0.03	2.57	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	0.00	0.00	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	-0.02	0.01	0.02	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-2	-0.19	-0.40	0.59	0.00	N/A	ppb
Iron	56-2	-0.09	-0.04	0.13	0.00	N/A	ppb
Iron	57-2	-0.46	0.39	0.07	0.00	N/A	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 10:19:43	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	-0.01	-0.01	0.02	0.00	N/A	ppb
Lead	207-1	0.01	0.01	-0.02	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.01	-0.14	0.16	0.00	N/A	ppb
Manganese	55-2	-0.02	0.02	0.00	0.00	N/A	ppb
Molybdenum	94-1	0.00	-0.01	0.01	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	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	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.02	0.01	0.00	N/A	ppb
Phosphorus	31-2	-3.79	-14.33	12.18	-1.98		ppb
Potassium	39-2	3.29	-0.27	-3.02	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	-0.05	0.00	0.05	0.00	N/A	ppb
Selenium	77-2	1.06	-0.85	-0.22	0.00	N/A	ppb
Selenium	78-2	-0.39	-0.58	0.97	0.00	N/A	ppb
Silicon	28-1	-2.73	0.43	2.30	0.00	N/A	ppb
Silver	107-1	-0.01	0.00	0.01	0.00	N/A	ppb
Silver	109-1	-0.01	0.01	0.00	0.00	N/A	ppb
Sodium	23-2	3.38	-1.10	-2.28	0.00	N/A	ppb
Strontium	86-1	-0.04	0.04	0.00	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-563.98	-109.20	504.33	-56.28		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	-0.01	0.01	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	-0.03	0.02	0.01	0.00	N/A	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 10:19:43	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.01	0.01	0.01	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
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	-0.01	0.01	-0.01	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	-0.01	0.00	N/A	ppb
Zirconium	91-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 10:22:49	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.31	21.12	21.51	21.31	0.94	ppb
Antimony	121-1	2.10	1.93	1.98	2.00	4.47	ppb
Arsenic	75-2	1.02	0.99	0.90	0.97	6.50	ppb
Barium	135-1	10.24	9.65	10.45	10.11	4.06	ppb
Barium	137-1	9.67	9.55	10.35	9.86	4.41	ppb
Beryllium	9-1	0.94	0.95	1.03	0.97	4.95	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Boron	10-1	19.91	22.18	24.06	22.05	9.42	ppb
Boron	11-1	20.98	22.98	23.49	22.48	5.91	ppb
Bromine	81-1						cps
Cadmium	111-1	1.04	0.98	1.07	1.03	4.45	ppb
Cadmium	106-1	0.64	0.41	2.34	1.13	93.30	ppb
Cadmium	108-1	1.01	0.92	1.29	1.07	17.73	ppb
Calcium	43-1	473.72	455.35	479.46	469.51	2.68	ppb
Calcium	44-1	480.99	448.86	484.35	471.40	4.16	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.93	1.95	1.81	1.90	3.82	ppb
Cobalt	59-2	0.97	0.98	0.97	0.97	1.04	ppb
Copper	63-2	2.50	2.51	2.45	2.48	1.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	54-2	53.07	52.77	51.25	52.36	1.87	ppb
Iron	56-2	54.39	53.20	50.73	52.77	3.53	ppb
Iron	57-2	52.16	54.92	49.76	52.28	4.93	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 10:22:49	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.91	0.92	0.93	0.92	0.79	ppb
Lead	207-1	0.92	0.94	0.95	0.94	1.71	ppb
Lead	208-1	0.93	0.89	0.90	0.91	2.12	ppb
Lithium	6-1				103		%
Magnesium	24-2	519.22	525.09	497.72	514.01	2.80	ppb
Manganese	55-2	0.96	0.94	0.92	0.94	2.03	ppb
Molybdenum	94-1	4.81	4.77	4.88	4.82	1.16	ppb
Molybdenum	95-1	4.77	4.66	5.23	4.89	6.23	ppb
Molybdenum	96-1	4.78	4.64	5.04	4.82	4.20	ppb
Molybdenum	97-1	4.97	4.79	5.04	4.93	2.58	ppb
Molybdenum	98-1	4.89	4.78	5.09	4.92	3.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.97	1.01	0.98	0.99	2.04	ppb
Phosphorus	31-2	15.65	12.38	-22.09	1.98	1056.68	ppb
Potassium	39-2	494.60	500.11	485.56	493.43	1.49	ppb
Rhodium	103-1				104		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	82-1	5.17	5.33	5.18	5.23	1.67	ppb
Selenium	77-2	4.90	3.62	6.48	5.00	28.64	ppb
Selenium	78-2	5.68	4.10	4.70	4.83	16.46	ppb
Silicon	28-1	12.84	9.30	14.36	12.16	21.37	ppb
Silver	107-1	0.99	0.93	1.10	1.01	8.32	ppb
Silver	109-1	1.02	0.94	1.00	0.99	4.20	ppb
Sodium	23-2	526.64	526.75	505.35	519.58	2.37	ppb
Strontium	86-1	0.86	1.05	1.02	0.98	10.25	ppb
Strontium	88-1	1.05	1.05	1.11	1.07	3.55	ppb
Sulfur	34-1	177.73	-447.93	439.05	56.28	809.83	ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	0.91	0.86	0.96	0.91	5.40	ppb
Thallium	205-1	0.94	0.95	0.97	0.95	1.45	ppb
Tin	118-1	4.91	4.78	5.05	4.91	2.69	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 10:22:49	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.95	4.87	5.30	5.04	4.53	ppb
Uranium	238-1	0.88	0.87	0.92	0.89	2.80	ppb
Vanadium	51-2	4.88	4.80	4.71	4.80	1.72	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				101		%
Zinc	66-2	2.27	2.36	2.13	2.25	5.21	ppb
Zirconium	90-1	0.92	0.90	0.97	0.93	3.84	ppb
Zirconium	91-1	0.94	0.99	0.90	0.94	4.66	ppb

LB Number : LB116689 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P8
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-06 10:28:57 DataFile Name : 006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1097.16	1035.15	1032.23	1054.85	3.48	ppb
Antimony	121-1	51.76	51.87	51.75	51.79	0.13	ppb
Arsenic	75-2	52.74	50.27	51.33	51.45	2.41	ppb
Barium	135-1	253.64	259.88	253.17	255.56	1.47	ppb
Barium	137-1	260.92	263.70	260.55	261.72	0.66	ppb
Beryllium	9-1	50.60	50.73	49.62	50.32	1.22	ppb
Bismuth	209-1				104		%
Bismuth	209-2				100		%
Boron	10-1	46.33	50.96	50.17	49.15	5.04	ppb
Boron	11-1	47.85	52.49	52.63	50.99	5.33	ppb
Bromine	81-1						cps
Cadmium	111-1	52.94	54.56	54.10	53.87	1.56	ppb
Cadmium	106-1	52.23	53.02	54.07	53.11	1.73	ppb
Cadmium	108-1	54.39	53.93	52.58	53.64	1.75	ppb
Calcium	43-1	5373.70	5469.69	5327.53	5390.31	1.35	ppb
Calcium	44-1	5481.66	5566.81	5412.59	5487.02	1.41	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	51.66	49.21	48.90	49.93	3.03	ppb
Cobalt	59-2	52.80	49.30	49.74	50.61	3.77	ppb
Copper	63-2	560.87	541.84	528.42	543.71	3.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				101		%
Indium	115-1				104		%
Indium	115-2				98		%
Iron	54-2	2852.99	2685.53	2704.38	2747.64	3.34	ppb
Iron	56-2	2874.00	2726.80	2677.10	2759.30	3.71	ppb
Iron	57-2	2797.84	2674.36	2664.30	2712.17	2.74	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 10:28:57	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	250.10	251.72	248.41	250.08	0.66	ppb
Lead	207-1	232.07	237.05	251.72	240.28	4.25	ppb
Lead	208-1	246.28	248.52	250.61	248.47	0.87	ppb
Lithium	6-1				104		%
Magnesium	24-2	5847.13	5466.20	5452.78	5588.70	4.01	ppb
Manganese	55-2	522.55	497.24	487.45	502.41	3.61	ppb
Molybdenum	94-1	250.72	251.04	249.59	250.45	0.30	ppb
Molybdenum	95-1	255.56	251.68	253.43	253.56	0.77	ppb
Molybdenum	96-1	246.95	254.41	251.38	250.91	1.50	ppb
Molybdenum	97-1	246.09	251.28	247.45	248.27	1.09	ppb
Molybdenum	98-1	252.61	255.52	256.10	254.74	0.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.03	51.33	50.32	51.23	1.67	ppb
Phosphorus	31-2	962.76	1025.15	1033.33	1007.08	3.83	ppb
Potassium	39-2	2768.80	2633.58	2606.10	2669.49	3.26	ppb
Rhodium	103-1				105		%
Rhodium	103-2				99		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	82-1	50.85	51.35	51.17	51.12	0.50	ppb
Selenium	77-2	56.49	56.03	41.62	51.38	16.46	ppb
Selenium	78-2	56.69	54.91	54.69	55.43	1.98	ppb
Silicon	28-1	56.42	58.12	57.96	57.50	1.63	ppb
Silver	107-1	53.17	53.02	52.93	53.04	0.23	ppb
Silver	109-1	53.79	53.80	55.30	54.30	1.60	ppb
Sodium	23-2	5692.76	5506.29	5490.79	5563.28	2.02	ppb
Strontium	86-1	510.84	515.41	512.67	512.97	0.45	ppb
Strontium	88-1	496.21	512.66	508.18	505.68	1.68	ppb
Sulfur	34-1	1645.29	1725.24	1159.12	1509.89	20.29	ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	47.51	47.64	47.78	47.64	0.28	ppb
Thallium	205-1	47.98	47.89	48.51	48.13	0.70	ppb
Tin	118-1	51.96	52.31	52.02	52.09	0.36	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 10:28:57	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	252.81	252.66	250.66	252.04	0.48	ppb
Uranium	238-1	46.48	47.04	46.55	46.69	0.66	ppb
Vanadium	51-2	51.60	49.29	48.03	49.64	3.64	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				100		%
Zinc	66-2	544.01	514.54	512.38	523.64	3.38	ppb
Zirconium	90-1	49.54	50.18	49.47	49.73	0.79	ppb
Zirconium	91-1	49.71	49.64	49.15	49.50	0.61	ppb

LB Number : LB116689 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-06 10:32:00 DataFile Name : 007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2595.98	2597.06	2674.72	2622.59	1.72	ppb
Antimony	121-1	126.67	127.98	127.23	127.29	0.52	ppb
Arsenic	75-2	126.82	129.75	125.67	127.41	1.65	ppb
Barium	135-1	641.57	632.58	636.03	636.72	0.71	ppb
Barium	137-1	633.90	633.29	638.05	635.08	0.41	ppb
Beryllium	9-1	123.22	125.93	123.98	124.38	1.12	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Boron	10-1	109.94	119.14	122.94	117.34	5.69	ppb
Boron	11-1	116.78	126.49	129.89	124.39	5.47	ppb
Bromine	81-1						cps
Cadmium	111-1	127.58	132.65	127.88	129.37	2.20	ppb
Cadmium	106-1	127.21	130.42	127.68	128.44	1.35	ppb
Cadmium	108-1	133.13	129.28	130.30	130.90	1.52	ppb
Calcium	43-1	13594.53	13583.26	13489.95	13555.91	0.42	ppb
Calcium	44-1	13527.73	13818.47	13503.04	13616.41	1.29	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	119.96	120.37	124.16	121.49	1.91	ppb
Cobalt	59-2	123.20	124.60	126.39	124.73	1.28	ppb
Copper	63-2	1305.60	1291.57	1356.51	1317.89	2.59	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				105		%
Indium	115-2				98		%
Iron	54-2	6713.67	6671.60	6862.19	6749.15	1.48	ppb
Iron	56-2	6645.40	6861.42	7018.53	6841.78	2.74	ppb
Iron	57-2	6449.66	6505.79	6798.30	6584.58	2.84	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 10:32:00	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	629.72	649.83	612.38	630.64	2.97	ppb
Lead	207-1	639.35	648.57	624.85	637.59	1.87	ppb
Lead	208-1	630.18	636.11	620.75	629.01	1.23	ppb
Lithium	6-1				106		%
Magnesium	24-2	13441.22	13268.80	14049.71	13586.58	3.02	ppb
Manganese	55-2	1271.87	1259.27	1307.59	1279.58	1.96	ppb
Molybdenum	94-1	632.61	639.30	621.37	631.09	1.44	ppb
Molybdenum	95-1	625.64	634.95	605.85	622.15	2.39	ppb
Molybdenum	96-1	618.70	624.71	598.43	613.95	2.24	ppb
Molybdenum	97-1	622.29	638.80	622.00	627.70	1.53	ppb
Molybdenum	98-1	617.24	633.99	608.30	619.84	2.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	124.82	121.77	127.80	124.80	2.42	ppb
Phosphorus	31-2	2510.81	2683.38	2753.88	2649.36	4.72	ppb
Potassium	39-2	6393.62	6507.48	6827.45	6576.18	3.42	ppb
Rhodium	103-1				102		%
Rhodium	103-2				97		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	82-1	125.30	128.07	125.63	126.34	1.20	ppb
Selenium	77-2	128.76	143.93	128.30	133.66	6.65	ppb
Selenium	78-2	127.90	131.94	126.33	128.72	2.25	ppb
Silicon	28-1	135.59	141.82	138.96	138.79	2.25	ppb
Silver	107-1	136.46	135.83	129.33	133.88	2.95	ppb
Silver	109-1	130.70	136.57	131.77	133.01	2.35	ppb
Sodium	23-2	13672.42	13158.60	13790.19	13540.40	2.48	ppb
Strontium	86-1	1221.24	1267.80	1233.14	1240.73	1.95	ppb
Strontium	88-1	1242.01	1248.38	1254.18	1248.19	0.49	ppb
Sulfur	34-1	2748.51	2728.58	2769.66	2748.92	0.75	ppb
Terbium	159-1				106		%
Terbium	159-2				101		%
Thallium	203-1	120.94	125.12	120.67	122.24	2.04	ppb
Thallium	205-1	126.76	132.02	123.14	127.31	3.51	ppb
Tin	118-1	128.39	127.69	126.72	127.60	0.66	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 10:32:00	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	630.42	655.71	638.73	641.62	2.01	ppb
Uranium	238-1	123.84	121.78	121.75	122.46	0.98	ppb
Vanadium	51-2	121.61	121.19	126.21	123.00	2.26	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				99		%
Zinc	66-2	1270.17	1250.44	1294.12	1271.58	1.72	ppb
Zirconium	90-1	125.96	125.49	125.80	125.75	0.19	ppb
Zirconium	91-1	123.94	122.03	120.89	122.28	1.26	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 10:35:06	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5331.10	5224.66	5251.89	5269.22	1.05	ppb
Antimony	121-1	261.06	259.14	263.04	261.08	0.75	ppb
Arsenic	75-2	253.23	260.23	258.86	257.44	1.44	ppb
Barium	135-1	1291.37	1271.07	1307.98	1290.14	1.43	ppb
Barium	137-1	1270.04	1267.89	1309.69	1282.54	1.83	ppb
Beryllium	9-1	254.29	262.62	252.49	256.47	2.11	ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Boron	10-1	235.51	259.10	255.93	250.18	5.12	ppb
Boron	11-1	250.55	273.42	263.18	262.38	4.37	ppb
Bromine	81-1						cps
Cadmium	111-1	260.89	260.56	254.74	258.73	1.34	ppb
Cadmium	106-1	252.82	262.25	256.70	257.26	1.84	ppb
Cadmium	108-1	257.18	258.42	263.93	259.84	1.38	ppb
Calcium	43-1	28701.90	28408.80	27161.96	28090.88	2.91	ppb
Calcium	44-1	27838.16	27902.90	27190.52	27643.86	1.43	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	248.93	244.35	243.08	245.45	1.25	ppb
Cobalt	59-2	268.31	268.86	256.97	264.71	2.53	ppb
Copper	63-2	2589.21	2553.94	2556.64	2566.60	0.76	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				106		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				98		%
Iron	54-2	14319.16	13722.60	14098.72	14046.83	2.15	ppb
Iron	56-2	13759.37	13615.37	13575.92	13650.22	0.71	ppb
Iron	57-2	13408.13	13485.79	13403.50	13432.47	0.34	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 10:35:06	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1266.11	1243.41	1216.61	1242.04	1.99	ppb
Lead	207-1	1258.15	1241.07	1240.50	1246.57	0.80	ppb
Lead	208-1	1274.77	1234.73	1230.74	1246.74	1.95	ppb
Lithium	6-1				102		%
Magnesium	24-2	27175.70	27253.93	26872.27	27100.63	0.74	ppb
Manganese	55-2	2593.63	2521.79	2513.52	2542.98	1.73	ppb
Molybdenum	94-1	1269.26	1287.65	1274.23	1277.05	0.74	ppb
Molybdenum	95-1	1260.87	1282.66	1266.89	1270.14	0.89	ppb
Molybdenum	96-1	1257.92	1268.55	1258.32	1261.60	0.48	ppb
Molybdenum	97-1	1290.96	1276.64	1272.20	1279.93	0.77	ppb
Molybdenum	98-1	1274.79	1293.17	1251.11	1273.02	1.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	253.65	250.02	247.63	250.43	1.21	ppb
Phosphorus	31-2	4856.67	5365.43	5123.93	5115.34	4.98	ppb
Potassium	39-2	13674.90	13269.58	13187.92	13377.47	1.95	ppb
Rhodium	103-1				101		%
Rhodium	103-2				97		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	82-1	258.51	262.21	255.97	258.89	1.21	ppb
Selenium	77-2	226.15	259.62	253.02	246.26	7.20	ppb
Selenium	78-2	253.43	259.35	261.90	258.23	1.68	ppb
Silicon	28-1	274.01	284.66	302.94	287.21	5.09	ppb
Silver	107-1	260.85	258.27	264.19	261.11	1.14	ppb
Silver	109-1	271.13	267.31	268.21	268.88	0.74	ppb
Sodium	23-2	27844.62	27883.01	27701.22	27809.62	0.34	ppb
Strontium	86-1	2517.52	2575.40	2489.58	2527.50	1.73	ppb
Strontium	88-1	2535.08	2546.69	2454.46	2512.07	2.00	ppb
Sulfur	34-1	7167.77	6601.40	6179.40	6649.52	7.46	ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	265.49	256.02	241.71	254.41	4.71	ppb
Thallium	205-1	253.19	249.26	239.53	247.32	2.84	ppb
Tin	118-1	262.22	260.49	257.90	260.20	0.84	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 10:35:06	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1334.90	1302.83	1281.71	1306.48	2.05	ppb
Uranium	238-1	251.82	247.54	238.94	246.10	2.66	ppb
Vanadium	51-2	252.00	250.00	249.48	250.50	0.53	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	2567.64	2545.64	2538.50	2550.59	0.60	ppb
Zirconium	90-1	253.76	254.29	249.18	252.41	1.11	ppb
Zirconium	91-1	249.97	250.10	247.13	249.07	0.67	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 10:38:09	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9932.35	10232.42	10030.93	10065.23	1.52	ppb
Antimony	121-1	499.35	512.24	512.55	508.05	1.48	ppb
Arsenic	75-2	491.50	501.05	494.46	495.67	0.99	ppb
Barium	135-1	2420.00	2504.75	2528.68	2484.47	2.30	ppb
Barium	137-1	2512.93	2472.49	2505.13	2496.85	0.86	ppb
Beryllium	9-1	503.61	517.17	508.53	509.77	1.35	ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Boron	10-1	472.17	504.65	500.06	492.29	3.57	ppb
Boron	11-1	491.96	510.35	526.36	509.55	3.38	ppb
Bromine	81-1						cps
Cadmium	111-1	496.67	497.16	504.04	499.29	0.83	ppb
Cadmium	106-1	498.81	500.48	506.86	502.05	0.85	ppb
Cadmium	108-1	493.61	510.48	500.96	501.68	1.69	ppb
Calcium	43-1	55568.48	56146.80	55350.52	55688.60	0.74	ppb
Calcium	44-1	53693.51	53493.21	52993.24	53393.32	0.68	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	489.32	489.71	498.59	492.54	1.06	ppb
Cobalt	59-2	488.56	502.88	509.22	500.22	2.12	ppb
Copper	63-2	4897.01	5095.89	4967.20	4986.70	2.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				105		%
Indium	115-1				105		%
Indium	115-2				98		%
Iron	54-2	26945.00	27838.67	27068.07	27283.91	1.78	ppb
Iron	56-2	25565.44	27087.88	26502.20	26385.17	2.91	ppb
Iron	57-2	26065.58	27534.87	26808.19	26802.88	2.74	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 10:38:09	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2521.58	2426.89	2502.18	2483.55	2.01	ppb
Lead	207-1	2489.70	2449.10	2484.61	2474.47	0.89	ppb
Lead	208-1	2494.76	2455.94	2498.05	2482.92	0.94	ppb
Lithium	6-1				105		%
Magnesium	24-2	51394.16	52921.70	52396.57	52237.48	1.49	ppb
Manganese	55-2	4764.21	5016.69	4938.46	4906.45	2.63	ppb
Molybdenum	94-1	2523.88	2555.10	2529.02	2536.00	0.66	ppb
Molybdenum	95-1	2509.23	2543.30	2509.44	2520.66	0.78	ppb
Molybdenum	96-1	2533.23	2539.37	2551.52	2541.37	0.37	ppb
Molybdenum	97-1	2563.27	2520.35	2532.13	2538.59	0.87	ppb
Molybdenum	98-1	2544.56	2510.13	2513.63	2522.77	0.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	472.54	487.86	475.91	478.77	1.68	ppb
Phosphorus	31-2	10051.94	10109.53	9828.47	9996.65	1.49	ppb
Potassium	39-2	25413.77	25751.05	25722.74	25629.19	0.73	ppb
Rhodium	103-1				101		%
Rhodium	103-2				97		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	82-1	507.65	506.71	509.16	507.84	0.24	ppb
Selenium	77-2	484.05	541.47	496.83	507.45	5.94	ppb
Selenium	78-2	493.31	500.31	497.33	496.99	0.71	ppb
Silicon	28-1	536.22	565.12	539.92	547.09	2.87	ppb
Silver	107-1	499.42	511.79	509.69	506.96	1.31	ppb
Silver	109-1	484.91	498.60	502.85	495.45	1.89	ppb
Sodium	23-2	51278.95	53619.03	53520.76	52806.25	2.51	ppb
Strontium	86-1	5061.97	5027.30	4955.84	5015.03	1.08	ppb
Strontium	88-1	4996.56	5058.73	4965.99	5007.09	0.94	ppb
Sulfur	34-1	11614.67	12125.81	11165.76	11635.41	4.13	ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	495.16	506.86	511.94	504.65	1.70	ppb
Thallium	205-1	496.21	486.37	503.65	495.41	1.75	ppb
Tin	118-1	491.65	515.27	504.85	503.92	2.35	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 10:38:09	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2476.47	2526.01	2532.16	2511.55	1.22	ppb
Uranium	238-1	500.61	498.01	508.71	502.44	1.11	ppb
Vanadium	51-2	464.57	488.92	479.44	477.64	2.57	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	4872.75	5090.14	5132.04	5031.64	2.77	ppb
Zirconium	90-1	506.04	504.03	498.34	502.80	0.79	ppb
Zirconium	91-1	513.90	506.86	504.17	508.31	0.99	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 10:41:15	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21001.37	20260.79	21502.39	20921.52	2.99	ppb
Antimony	121-1	984.81	1001.64	992.03	992.83	0.85	ppb
Arsenic	75-2	1005.49	970.23	1024.08	999.93	2.74	ppb
Barium	135-1	4969.90	4959.81	5058.23	4995.98	1.08	ppb
Barium	137-1	4956.21	4955.74	5062.83	4991.59	1.24	ppb
Beryllium	9-1	976.13	1022.52	982.03	993.56	2.54	ppb
Bismuth	209-1				105		%
Bismuth	209-2				100		%
Boron	10-1	966.91	1011.09	1036.65	1004.88	3.51	ppb
Boron	11-1	948.80	1001.39	1026.46	992.22	3.99	ppb
Bromine	81-1						cps
Cadmium	111-1	998.23	989.65	1004.42	997.43	0.74	ppb
Cadmium	106-1	994.54	987.98	1007.22	996.58	0.98	ppb
Cadmium	108-1	988.31	981.50	1017.53	995.78	1.92	ppb
Calcium	43-1	108703.67	108895.08	110616.14	109404.97	0.96	ppb
Calcium	44-1	106052.41	107054.75	108089.12	107065.43	0.95	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1007.91	962.38	1045.64	1005.31	4.15	ppb
Cobalt	59-2	991.81	982.98	1013.86	996.22	1.60	ppb
Copper	63-2	9966.15	9809.24	10162.59	9979.33	1.77	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				103		%
Indium	115-2				97		%
Iron	54-2	54520.66	52086.21	55363.98	53990.28	3.15	ppb
Iron	56-2	53478.78	52006.98	53571.13	53018.96	1.66	ppb
Iron	57-2	54649.87	52876.53	55630.00	54385.46	2.57	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 10:41:15	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	5051.19	4870.12	5107.21	5009.50	2.47	ppb
Lead	207-1	5061.66	4865.95	5109.99	5012.53	2.58	ppb
Lead	208-1	5045.02	4906.84	5074.93	5008.93	1.79	ppb
Lithium	6-1				102		%
Magnesium	24-2	104205.71	102880.89	108174.83	105087.14	2.62	ppb
Manganese	55-2	10153.64	9664.39	10278.60	10032.21	3.24	ppb
Molybdenum	94-1	4995.00	4875.41	5052.95	4974.45	1.82	ppb
Molybdenum	95-1	4968.69	4874.88	5110.87	4984.81	2.38	ppb
Molybdenum	96-1	4964.02	4914.97	5054.26	4977.75	1.42	ppb
Molybdenum	97-1	4971.32	4852.88	5094.72	4972.97	2.43	ppb
Molybdenum	98-1	5014.34	4871.86	5063.60	4983.27	2.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	998.46	989.93	1043.02	1010.47	2.82	ppb
Phosphorus	31-2	19958.90	19402.47	20500.08	19953.82	2.75	ppb
Potassium	39-2	51048.63	50522.81	52507.41	51359.62	2.00	ppb
Rhodium	103-1				100		%
Rhodium	103-2				96		%
Scandium	45-1				105		%
Scandium	45-2				100		%
Selenium	82-1	994.11	975.80	1010.99	993.63	1.77	ppb
Selenium	77-2	986.62	970.42	1031.14	996.06	3.16	ppb
Selenium	78-2	986.04	979.60	1030.50	998.71	2.78	ppb
Silicon	28-1	947.83	960.21	987.07	965.03	2.08	ppb
Silver	107-1	980.69	1001.28	995.48	992.48	1.07	ppb
Silver	109-1	984.96	981.26	1022.79	996.34	2.31	ppb
Sodium	23-2	105790.41	104327.83	109474.01	106530.75	2.49	ppb
Strontium	86-1	10037.89	9722.38	10198.08	9986.12	2.42	ppb
Strontium	88-1	10007.06	9797.98	10175.10	9993.38	1.89	ppb
Sulfur	34-1	18363.39	18699.85	19076.67	18713.30	1.91	ppb
Terbium	159-1				110		%
Terbium	159-2				104		%
Thallium	203-1	976.18	983.33	1031.59	997.03	3.02	ppb
Thallium	205-1	1008.70	975.99	1023.62	1002.77	2.43	ppb
Tin	118-1	984.20	1015.01	985.97	995.06	1.74	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 10:41:15	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4939.31	4980.40	5014.07	4977.93	0.75	ppb
Uranium	238-1	1004.96	978.33	1017.42	1000.24	2.00	ppb
Vanadium	51-2	1011.44	981.46	1041.07	1011.32	2.95	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				100		%
Zinc	66-2	9978.22	9598.55	10326.18	9967.65	3.65	ppb
Zirconium	90-1	994.19	988.50	1011.05	997.92	1.18	ppb
Zirconium	91-1	992.53	980.80	1016.00	996.44	1.80	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 10:51:12	DataFile Name :	013CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	98405.98	98110.82	102859.49	99792.10	2.67	ppb
Antimony	121-1	0.39	0.43	0.40	0.41	4.64	ppb
Arsenic	75-2	0.30	0.29	0.28	0.29	4.25	ppb
Barium	135-1	2.00	1.96	1.94	1.97	1.55	ppb
Barium	137-1	1.90	2.01	1.91	1.94	3.20	ppb
Beryllium	9-1	0.04	0.05	0.05	0.04	5.43	ppb
Bismuth	209-1				92		%
Bismuth	209-2				94		%
Boron	10-1	29.55	33.13	29.65	30.78	6.62	ppb
Boron	11-1	31.79	33.22	30.91	31.98	3.65	ppb
Bromine	81-1						cps
Cadmium	111-1	0.15	0.09	0.08	0.11	35.61	ppb
Cadmium	106-1	0.05	-1.19	-2.16	-1.10		ppb
Cadmium	108-1	1.74	1.87	1.75	1.79	4.10	ppb
Calcium	43-1	469339.34	534528.60	488228.06	497365.33	6.74	ppb
Calcium	44-1	472857.14	535820.84	485569.93	498082.64	6.68	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.87	2.88	2.75	2.83	2.59	ppb
Cobalt	59-2	2.19	2.10	2.14	2.14	2.21	ppb
Copper	63-2	2.14	2.23	2.11	2.16	2.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				106		%
Indium	115-1				99		%
Indium	115-2				104		%
Iron	54-2	248398.77	245065.73	253179.26	248881.25	1.64	ppb
Iron	56-2	249965.41	244652.52	252930.45	249182.79	1.68	ppb
Iron	57-2	247432.15	245228.14	253996.24	248885.51	1.83	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 10:51:12	DataFile Name :	013CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.52	1.61	1.53	1.55	3.04	ppb
Lead	207-1	1.47	1.63	1.57	1.56	5.04	ppb
Lead	208-1	1.49	1.62	1.50	1.54	4.46	ppb
Lithium	6-1				95		%
Magnesium	24-2	496127.31	490330.20	509404.67	498620.73	1.96	ppb
Manganese	55-2	10.32	10.14	10.33	10.27	1.03	ppb
Molybdenum	94-1	1.23	1.29	1.20	1.24	3.98	ppb
Molybdenum	95-1	0.93	1.05	1.04	1.01	6.79	ppb
Molybdenum	96-1	2.85	3.20	2.95	3.00	6.04	ppb
Molybdenum	97-1	0.99	1.09	1.01	1.03	5.08	ppb
Molybdenum	98-1	0.88	0.95	0.92	0.92	3.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.41	3.36	3.41	3.40	0.80	ppb
Phosphorus	31-2	12.31	14.78	13.32	13.47	9.21	ppb
Potassium	39-2	249183.86	249679.32	249971.17	249611.45	0.16	ppb
Rhodium	103-1				92		%
Rhodium	103-2				95		%
Scandium	45-1				102		%
Scandium	45-2				106		%
Selenium	82-1	0.80	0.89	0.72	0.80	10.04	ppb
Selenium	77-2	-0.85	0.32	-0.85	-0.46		ppb
Selenium	78-2	0.65	0.14	0.67	0.49	61.23	ppb
Silicon	28-1	76.48	110.69	104.45	97.20	18.74	ppb
Silver	107-1	0.15	0.19	0.18	0.17	12.13	ppb
Silver	109-1	0.18	0.22	0.17	0.19	13.22	ppb
Sodium	23-2	501394.23	490958.02	502370.99	498241.08	1.27	ppb
Strontium	86-1	3.63	4.13	3.55	3.77	8.33	ppb
Strontium	88-1	3.80	4.06	3.71	3.86	4.69	ppb
Sulfur	34-1	-3380.77	-2178.40	-3391.92	-2983.70		ppb
Terbium	159-1				102		%
Terbium	159-2				106		%
Thallium	203-1	0.09	0.09	0.09	0.09	2.37	ppb
Thallium	205-1	0.11	0.10	0.08	0.10	15.03	ppb
Tin	118-1	0.41	0.41	0.44	0.42	4.39	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 10:51:12	DataFile Name :	013CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.55	0.73	0.70	0.66	14.49	ppb
Uranium	238-1	0.10	0.10	0.09	0.09	6.54	ppb
Vanadium	51-2	0.17	0.13	0.13	0.14	15.41	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				108		%
Zinc	66-2	23.90	23.98	24.40	24.09	1.10	ppb
Zirconium	90-1	0.21	0.24	0.20	0.21	9.31	ppb
Zirconium	91-1	0.18	0.27	0.19	0.21	24.61	ppb

LB Number : LB116689 Operator : Jaswal
 Lab Sample ID : ICV44 Instrumnet Name : P8
 Client Sample ID : ICV44 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-06 11:11:47 DataFile Name : 015ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	481.08	497.15	479.56	485.93	2.01	ppb
Antimony	121-1	201.79	218.01	199.54	206.45	4.88	ppb
Arsenic	75-2	203.36	198.16	198.46	199.99	1.46	ppb
Barium	135-1	101.05	106.10	97.44	101.53	4.28	ppb
Barium	137-1	99.22	102.96	99.51	100.56	2.07	ppb
Beryllium	9-1	94.38	99.37	95.56	96.43	2.71	ppb
Bismuth	209-1				108		%
Bismuth	209-2				107		%
Boron	10-1	461.36	517.40	511.87	496.88	6.22	ppb
Boron	11-1	487.62	546.47	524.25	519.44	5.72	ppb
Bromine	81-1						cps
Cadmium	111-1	102.20	106.49	101.74	103.48	2.53	ppb
Cadmium	106-1	167.78	174.66	167.59	170.01	2.37	ppb
Cadmium	108-1	150.22	155.70	149.27	151.73	2.28	ppb
Calcium	43-1	2076.88	2181.36	2070.18	2109.47	2.96	ppb
Calcium	44-1	2212.90	2229.70	2085.40	2176.00	3.63	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	93.20	94.25	92.19	93.21	1.11	ppb
Cobalt	59-2	94.23	96.27	94.80	95.10	1.11	ppb
Copper	63-2	96.26	96.54	94.88	95.89	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				109		%
Holmium	165-2				107		%
Indium	115-1				109		%
Indium	115-2				109		%
Iron	54-2	2067.29	2113.14	2039.26	2073.23	1.80	ppb
Iron	56-2	2042.09	2058.60	2004.74	2035.14	1.36	ppb
Iron	57-2	1973.85	2022.65	1957.54	1984.68	1.71	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	ICV44	Instrumnet Name :	P8
Client Sample ID :	ICV44	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 11:11:47	DataFile Name :	015ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	215.31	222.66	223.39	220.45	2.03	ppb
Lead	207-1	195.14	201.55	195.75	197.48	1.79	ppb
Lead	208-1	210.89	216.34	210.61	212.61	1.52	ppb
Lithium	6-1				99		%
Magnesium	24-2	1123.69	1161.10	1116.52	1133.77	2.11	ppb
Manganese	55-2	93.42	95.38	92.29	93.70	1.67	ppb
Molybdenum	94-1	2613.02	2597.23	2552.52	2587.59	1.21	ppb
Molybdenum	95-1	2588.81	2649.91	2606.43	2615.05	1.20	ppb
Molybdenum	96-1	2525.58	2637.69	2547.52	2570.26	2.31	ppb
Molybdenum	97-1	2559.09	2614.13	2546.61	2573.27	1.40	ppb
Molybdenum	98-1	2546.77	2630.95	2573.77	2583.83	1.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	104.22	107.56	104.84	105.54	1.68	ppb
Phosphorus	31-2	-5.55	-14.05	-5.74	-8.45		ppb
Potassium	39-2	1856.96	1951.41	1898.18	1902.18	2.49	ppb
Rhodium	103-1				110		%
Rhodium	103-2				107		%
Scandium	45-1				109		%
Scandium	45-2				110		%
Selenium	82-1	204.52	207.34	203.88	205.25	0.90	ppb
Selenium	77-2	198.51	193.81	216.90	203.07	6.01	ppb
Selenium	78-2	206.60	210.28	200.11	205.66	2.50	ppb
Silicon	28-1	25.48	39.16	41.96	35.53	24.81	ppb
Silver	107-1	50.16	51.29	49.47	50.31	1.82	ppb
Silver	109-1	50.43	52.17	49.52	50.71	2.66	ppb
Sodium	23-2	1945.13	1996.80	1982.75	1974.89	1.35	ppb
Strontium	86-1	530.97	516.84	516.96	521.59	1.56	ppb
Strontium	88-1	515.92	509.89	504.25	510.02	1.14	ppb
Sulfur	34-1	-4707.90	-4080.27	-4842.83	-4543.67		ppb
Terbium	159-1				109		%
Terbium	159-2				108		%
Thallium	203-1	214.56	219.34	216.64	216.85	1.10	ppb
Thallium	205-1	212.93	221.02	212.33	215.43	2.25	ppb
Tin	118-1	499.26	525.62	497.99	507.62	3.07	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	ICV44	Instrumnet Name :	P8
Client Sample ID :	ICV44	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 11:11:47	DataFile Name :	015ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2396.21	2465.90	2446.57	2436.23	1.48	ppb
Uranium	238-1	469.01	472.07	466.83	469.31	0.56	ppb
Vanadium	51-2	90.94	93.23	91.62	91.93	1.28	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				108		%
Zinc	66-2	190.36	192.87	188.24	190.49	1.22	ppb
Zirconium	90-1	493.47	504.65	485.38	494.50	1.96	ppb
Zirconium	91-1	499.63	507.13	506.68	504.48	0.83	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 11:32:36	DataFile Name :	018LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.56	22.23	20.86	21.55	3.17	ppb
Antimony	121-1	1.93	2.02	2.19	2.05	6.35	ppb
Arsenic	75-2	0.96	1.00	1.09	1.02	6.59	ppb
Barium	135-1	9.97	10.21	10.73	10.30	3.81	ppb
Barium	137-1	9.53	10.38	10.79	10.23	6.26	ppb
Beryllium	9-1	0.97	0.99	1.03	1.00	2.77	ppb
Bismuth	209-1				103		%
Bismuth	209-2				105		%
Boron	10-1	31.04	32.22	35.57	32.94	7.13	ppb
Boron	11-1	31.91	34.51	37.34	34.59	7.84	ppb
Bromine	81-1						cps
Cadmium	111-1	1.05	1.00	1.06	1.04	3.00	ppb
Cadmium	106-1	-4.32	-3.62	-3.83	-3.92		ppb
Cadmium	108-1	0.96	1.03	0.98	0.99	3.58	ppb
Calcium	43-1	473.64	469.62	506.18	483.14	4.15	ppb
Calcium	44-1	481.93	485.91	529.63	499.15	5.30	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.95	1.84	1.94	1.91	3.15	ppb
Cobalt	59-2	0.99	0.96	0.99	0.98	1.68	ppb
Copper	63-2	1.72	1.72	1.77	1.73	1.55	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				105		%
Holmium	165-2				107		%
Indium	115-1				109		%
Indium	115-2				108		%
Iron	54-2	55.82	53.46	52.95	54.08	2.83	ppb
Iron	56-2	54.06	51.79	52.38	52.74	2.23	ppb
Iron	57-2	51.55	53.27	54.40	53.07	2.70	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 11:32:36	DataFile Name :	018LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.98	0.98	1.01	0.99	2.11	ppb
Lead	207-1	1.00	0.99	1.03	1.01	1.97	ppb
Lead	208-1	1.01	0.97	1.02	1.00	2.83	ppb
Lithium	6-1				100		%
Magnesium	24-2	510.25	504.43	511.62	508.77	0.75	ppb
Manganese	55-2	1.09	1.09	0.97	1.05	6.34	ppb
Molybdenum	94-1	4.74	5.04	5.11	4.97	3.99	ppb
Molybdenum	95-1	4.82	4.99	5.30	5.04	4.75	ppb
Molybdenum	96-1	4.76	4.90	5.25	4.97	5.12	ppb
Molybdenum	97-1	4.83	5.24	5.37	5.15	5.43	ppb
Molybdenum	98-1	4.75	4.86	5.36	4.99	6.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.95	0.99	1.00	0.98	2.85	ppb
Phosphorus	31-2	8.46	-29.77	8.62	-4.23		ppb
Potassium	39-2	495.75	502.24	506.77	501.59	1.10	ppb
Rhodium	103-1				105		%
Rhodium	103-2				106		%
Scandium	45-1				105		%
Scandium	45-2				107		%
Selenium	82-1	4.72	4.96	5.33	5.00	6.15	ppb
Selenium	77-2	4.31	2.70	3.27	3.42	23.89	ppb
Selenium	78-2	5.23	5.69	5.59	5.50	4.45	ppb
Silicon	28-1	5.08	5.68	12.08	7.61	50.97	ppb
Silver	107-1	0.98	1.00	1.07	1.02	4.96	ppb
Silver	109-1	0.91	1.00	1.09	1.00	9.26	ppb
Sodium	23-2	534.32	513.55	529.97	525.95	2.08	ppb
Strontium	86-1	1.18	1.03	1.17	1.13	7.62	ppb
Strontium	88-1	1.11	1.09	1.21	1.13	5.74	ppb
Sulfur	34-1	-2557.85	-2446.67	-1540.38	-2181.63		ppb
Terbium	159-1				103		%
Terbium	159-2				106		%
Thallium	203-1	0.98	0.93	1.09	1.00	8.43	ppb
Thallium	205-1	0.96	0.95	1.03	0.98	4.35	ppb
Tin	118-1	4.79	4.99	5.65	5.14	8.71	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 11:32:36	DataFile Name :	018LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.62	5.10	5.66	5.12	10.15	ppb
Uranium	238-1	0.88	0.88	0.96	0.91	5.40	ppb
Vanadium	51-2	4.97	4.72	4.85	4.85	2.64	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	2.06	2.12	2.17	2.12	2.75	ppb
Zirconium	90-1	0.95	0.90	1.00	0.95	5.15	ppb
Zirconium	91-1	0.94	0.95	0.94	0.94	1.04	ppb

LB Number : LB116689 Operator : Jaswal
 Lab Sample ID : ICB44 Instrumnet Name : P8
 Client Sample ID : ICB44 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-06 11:38:40 DataFile Name : 019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.07	1.45	0.95	1.16	22.76	ppb
Antimony	121-1	0.01	0.02	0.02	0.02	54.48	ppb
Arsenic	75-2	0.03	-0.01	0.00	0.01	182.91	ppb
Barium	135-1	0.03	0.01	0.03	0.02	33.50	ppb
Barium	137-1	0.01	0.00	0.04	0.02	109.02	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	52.91	ppb
Bismuth	209-1				102		%
Bismuth	209-2				103		%
Boron	10-1	9.80	9.38	9.82	9.67	2.56	ppb
Boron	11-1	10.32	9.58	9.96	9.95	3.67	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.06	-0.04	-0.08	-0.06		ppb
Cadmium	106-1	-6.27	-4.56	-7.25	-6.02		ppb
Cadmium	108-1	-0.05	-0.02	-0.14	-0.07		ppb
Calcium	43-1	1.63	0.70	1.74	1.36	42.05	ppb
Calcium	44-1	4.85	4.11	7.04	5.33	28.60	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	-0.02	0.07	0.01	510.44	ppb
Cobalt	59-2	0.01	0.01	0.00	0.01	35.60	ppb
Copper	63-2	0.07	0.05	0.08	0.06	25.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				103		%
Indium	115-1				109		%
Indium	115-2				107		%
Iron	54-2	2.00	2.12	2.88	2.33	20.58	ppb
Iron	56-2	2.95	3.67	3.24	3.29	11.09	ppb
Iron	57-2	3.27	2.39	3.03	2.90	15.81	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	ICB44	Instrumnet Name :	P8
Client Sample ID :	ICB44	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 11:38:40	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.05	0.07	0.08	0.07	25.97	ppb
Lead	207-1	0.07	0.06	0.06	0.07	4.55	ppb
Lead	208-1	0.05	0.06	0.06	0.06	7.46	ppb
Lithium	6-1				100		%
Magnesium	24-2	6.14	7.15	7.18	6.82	8.68	ppb
Manganese	55-2	0.06	0.03	0.05	0.05	28.38	ppb
Molybdenum	94-1	0.07	0.04	0.08	0.06	34.18	ppb
Molybdenum	95-1	0.06	0.06	0.06	0.06	4.46	ppb
Molybdenum	96-1	0.07	0.05	0.06	0.06	18.14	ppb
Molybdenum	97-1	0.06	0.07	0.05	0.06	19.73	ppb
Molybdenum	98-1	0.05	0.03	0.06	0.05	34.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.03	-0.01	-0.02		ppb
Phosphorus	31-2	-7.56	-10.67	-13.71	-10.65		ppb
Potassium	39-2	-1.70	-0.76	-2.42	-1.63		ppb
Rhodium	103-1				107		%
Rhodium	103-2				104		%
Scandium	45-1				107		%
Scandium	45-2				107		%
Selenium	82-1	0.27	-0.35	0.10	0.01	4128.80	ppb
Selenium	77-2	-0.85	-0.25	-0.85	-0.65		ppb
Selenium	78-2	0.59	-0.30	1.43	0.57	150.42	ppb
Silicon	28-1	-7.84	-7.86	-7.46	-7.72		ppb
Silver	107-1	0.00	0.01	0.01	0.01	70.31	ppb
Silver	109-1	0.00	0.01	0.01	0.01	76.22	ppb
Sodium	23-2	4.66	5.88	3.21	4.58	29.08	ppb
Strontium	86-1	-0.06	-0.01	0.02	-0.02		ppb
Strontium	88-1	0.06	0.05	0.07	0.06	16.85	ppb
Sulfur	34-1	-2845.04	-3103.97	-2777.64	-2908.88		ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	0.03	0.03	0.03	0.03	12.26	ppb
Thallium	205-1	0.02	0.03	0.02	0.03	6.81	ppb
Tin	118-1	-0.01	0.01	0.02	0.00	308.95	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	ICB44	Instrumnet Name :	P8
Client Sample ID :	ICB44	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 11:38:40	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.06	0.04	0.04	0.05	32.10	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	11.12	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	137.13	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				107		%
Zinc	66-2	-0.01	0.16	-0.09	0.02	585.40	ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	51.63	ppb
Zirconium	91-1	0.00	0.01	0.02	0.01	71.66	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	ICSA44	Instrumnet Name :	P8
Client Sample ID :	ICSA44	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 11:41:40	DataFile Name :	020ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	98288.27	95868.30	96066.71	96741.09	1.39	ppb
Antimony	121-1	1.08	1.12	1.16	1.12	3.51	ppb
Arsenic	75-2	0.29	0.29	0.31	0.29	3.85	ppb
Barium	135-1	1.40	1.56	1.60	1.52	6.80	ppb
Barium	137-1	1.49	1.46	1.48	1.47	1.01	ppb
Beryllium	9-1	0.26	0.29	0.27	0.27	5.46	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	10-1	8.45	8.40	8.10	8.32	2.23	ppb
Boron	11-1	8.86	9.06	8.60	8.84	2.60	ppb
Bromine	81-1						cps
Cadmium	111-1	0.37	0.38	0.24	0.33	23.85	ppb
Cadmium	106-1	-6.80	-6.40	-6.73	-6.64		ppb
Cadmium	108-1	10.43	9.51	11.24	10.39	8.34	ppb
Calcium	43-1	93169.89	93982.94	93537.12	93563.32	0.44	ppb
Calcium	44-1	94869.66	93846.46	94516.72	94410.94	0.55	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	18.92	18.50	18.38	18.60	1.52	ppb
Cobalt	59-2	1.16	1.08	1.10	1.11	3.42	ppb
Copper	63-2	7.18	7.39	7.13	7.23	1.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				105		%
Indium	115-1				106		%
Indium	115-2				104		%
Iron	54-2	104614.26	104282.86	101570.64	103489.25	1.61	ppb
Iron	56-2	104291.06	103856.55	101465.76	103204.46	1.47	ppb
Iron	57-2	104630.51	105799.05	102910.10	104446.55	1.39	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	ICSA44	Instrumnet Name :	P8
Client Sample ID :	ICSA44	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 11:41:40	DataFile Name :	020ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4.47	4.33	4.32	4.37	1.87	ppb
Lead	207-1	3.90	3.83	3.87	3.87	0.99	ppb
Lead	208-1	4.07	4.05	4.03	4.05	0.41	ppb
Lithium	6-1				98		%
Magnesium	24-2	97465.91	96977.56	93725.71	96056.39	2.12	ppb
Manganese	55-2	7.35	7.41	7.19	7.32	1.55	ppb
Molybdenum	94-1	1373.06	1346.91	1336.05	1352.01	1.41	ppb
Molybdenum	95-1	1952.37	1956.32	1922.01	1943.57	0.97	ppb
Molybdenum	96-1	1861.68	1873.08	1815.36	1850.04	1.65	ppb
Molybdenum	97-1	1926.96	1950.69	1854.49	1910.71	2.62	ppb
Molybdenum	98-1	1916.30	1962.90	1856.53	1911.91	2.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.94	5.31	4.96	5.07	4.16	ppb
Phosphorus	31-2	155288.24	153512.00	153070.46	153956.90	0.76	ppb
Potassium	39-2	100234.11	101013.54	97204.83	99484.16	2.02	ppb
Rhodium	103-1				103		%
Rhodium	103-2				100		%
Scandium	45-1				107		%
Scandium	45-2				105		%
Selenium	82-1	0.43	0.69	0.45	0.52	27.27	ppb
Selenium	77-2	-0.26	-0.85	-0.25	-0.45		ppb
Selenium	78-2	0.10	0.87	1.39	0.78	82.73	ppb
Silicon	28-1	27.74	29.67	28.85	28.75	3.36	ppb
Silver	107-1	0.02	0.02	0.02	0.02	5.38	ppb
Silver	109-1	0.02	0.02	0.01	0.02	25.60	ppb
Sodium	23-2	104428.10	106775.19	99654.92	103619.40	3.50	ppb
Strontium	86-1	33.42	33.84	32.97	33.41	1.31	ppb
Strontium	88-1	33.82	33.99	33.43	33.75	0.86	ppb
Sulfur	34-1	161855.40	155981.18	151738.31	156524.96	3.25	ppb
Terbium	159-1				108		%
Terbium	159-2				107		%
Thallium	203-1	0.02	0.04	0.02	0.03	23.09	ppb
Thallium	205-1	0.02	0.02	0.03	0.02	29.00	ppb
Tin	118-1	0.18	0.17	0.16	0.17	6.29	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	ICSA44	Instrumnet Name :	P8
Client Sample ID :	ICSA44	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 11:41:40	DataFile Name :	020ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1986.99	1996.28	1991.45	1991.58	0.23	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	5.34	ppb
Vanadium	51-2	0.14	0.12	0.14	0.13	8.19	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	13.33	12.56	12.77	12.88	3.12	ppb
Zirconium	90-1	0.04	0.05	0.04	0.04	14.85	ppb
Zirconium	91-1	0.04	0.03	0.03	0.04	13.63	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	ICSAB44	Instrumnet Name :	P8
Client Sample ID :	ICSAB44	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 11:44:36	DataFile Name :	021ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	97859.13	97705.14	98089.90	97884.72	0.20	ppb
Antimony	121-1	21.03	20.91	21.01	20.99	0.31	ppb
Arsenic	75-2	19.88	20.24	19.63	19.91	1.54	ppb
Barium	135-1	21.08	20.33	21.56	20.99	2.95	ppb
Barium	137-1	21.54	21.27	22.18	21.66	2.17	ppb
Beryllium	9-1	19.42	19.87	19.96	19.75	1.47	ppb
Bismuth	209-1				102		%
Bismuth	209-2				99		%
Boron	10-1	55.58	56.81	58.22	56.87	2.32	ppb
Boron	11-1	57.26	61.15	63.05	60.49	4.88	ppb
Bromine	81-1						cps
Cadmium	111-1	19.59	20.07	20.03	19.90	1.34	ppb
Cadmium	106-1	17.29	20.82	19.45	19.19	9.27	ppb
Cadmium	108-1	30.01	33.39	31.26	31.55	5.43	ppb
Calcium	43-1	91555.10	91491.34	91454.73	91500.39	0.06	ppb
Calcium	44-1	93634.93	92458.40	94214.29	93435.87	0.96	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	37.92	37.10	37.80	37.61	1.18	ppb
Cobalt	59-2	20.19	20.07	20.14	20.13	0.29	ppb
Copper	63-2	25.80	25.99	26.26	26.01	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				109		%
Holmium	165-2				105		%
Indium	115-1				107		%
Indium	115-2				104		%
Iron	54-2	102777.82	104448.44	106368.76	104531.67	1.72	ppb
Iron	56-2	104555.91	102649.10	102922.95	103375.99	1.00	ppb
Iron	57-2	105249.52	105860.51	105425.07	105511.70	0.30	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	ICSAB44	Instrumnet Name :	P8
Client Sample ID :	ICSAB44	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 11:44:36	DataFile Name :	021ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	23.02	23.15	23.19	23.12	0.40	ppb
Lead	207-1	22.38	22.10	22.30	22.26	0.65	ppb
Lead	208-1	22.37	22.35	22.46	22.39	0.25	ppb
Lithium	6-1				96		%
Magnesium	24-2	98297.71	95624.17	96734.44	96885.44	1.39	ppb
Manganese	55-2	25.60	25.48	25.82	25.63	0.67	ppb
Molybdenum	94-1	1463.94	1382.70	1434.78	1427.14	2.88	ppb
Molybdenum	95-1	2016.52	1893.88	2008.85	1973.09	3.48	ppb
Molybdenum	96-1	1938.38	1842.25	1922.29	1900.97	2.71	ppb
Molybdenum	97-1	1982.58	1932.96	1951.09	1955.55	1.28	ppb
Molybdenum	98-1	1959.39	1959.04	1914.33	1944.25	1.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.27	23.55	23.47	23.76	1.86	ppb
Phosphorus	31-2	155578.48	150010.30	155561.30	153716.70	2.09	ppb
Potassium	39-2	98900.69	98587.41	102292.42	99926.84	2.06	ppb
Rhodium	103-1				104		%
Rhodium	103-2				100		%
Scandium	45-1				110		%
Scandium	45-2				105		%
Selenium	82-1	20.18	19.27	19.70	19.71	2.30	ppb
Selenium	77-2	19.63	16.55	18.30	18.16	8.51	ppb
Selenium	78-2	17.95	19.37	18.08	18.47	4.27	ppb
Silicon	28-1	64.05	65.71	68.35	66.04	3.28	ppb
Silver	107-1	18.66	18.77	19.03	18.82	1.00	ppb
Silver	109-1	18.54	18.46	18.95	18.65	1.42	ppb
Sodium	23-2	103807.36	102160.66	103164.91	103044.31	0.81	ppb
Strontium	86-1	81.52	81.22	80.33	81.02	0.76	ppb
Strontium	88-1	85.47	82.60	83.96	84.01	1.71	ppb
Sulfur	34-1	156411.86	153296.51	148294.67	152667.68	2.68	ppb
Terbium	159-1				109		%
Terbium	159-2				107		%
Thallium	203-1	19.32	19.66	19.65	19.54	0.97	ppb
Thallium	205-1	19.28	19.59	19.67	19.51	1.06	ppb
Tin	118-1	48.73	49.59	49.82	49.38	1.15	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	ICSAB44	Instrumnet Name :	P8
Client Sample ID :	ICSAB44	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 11:44:36	DataFile Name :	021ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2035.26	2009.34	1998.94	2014.52	0.93	ppb
Uranium	238-1	46.52	46.13	46.39	46.34	0.43	ppb
Vanadium	51-2	18.91	18.84	19.11	18.95	0.73	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				108		%
Zinc	66-2	29.57	29.48	29.35	29.46	0.38	ppb
Zirconium	90-1	47.61	46.52	47.39	47.17	1.23	ppb
Zirconium	91-1	47.13	46.29	47.07	46.83	1.00	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	CCV67	Instrumnet Name :	P8
Client Sample ID :	CCV67	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 11:53:23	DataFile Name :	022CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48820.16	49339.62	49437.07	49198.95	0.67	ppb
Antimony	121-1	497.21	493.66	512.68	501.18	2.02	ppb
Arsenic	75-2	501.75	505.66	496.98	501.46	0.87	ppb
Barium	135-1	2514.57	2442.36	2541.60	2499.51	2.05	ppb
Barium	137-1	2497.65	2469.89	2508.32	2491.95	0.80	ppb
Beryllium	9-1	491.03	489.04	491.77	490.61	0.29	ppb
Bismuth	209-1				100		%
Bismuth	209-2				94		%
Boron	10-1	461.53	485.26	516.85	487.88	5.69	ppb
Boron	11-1	483.90	510.30	537.28	510.49	5.23	ppb
Bromine	81-1						cps
Cadmium	111-1	511.95	520.40	527.97	520.11	1.54	ppb
Cadmium	106-1	509.16	500.64	526.23	512.01	2.55	ppb
Cadmium	108-1	518.88	514.87	522.59	518.78	0.74	ppb
Calcium	43-1	236464.01	235174.72	242647.87	238095.54	1.68	ppb
Calcium	44-1	235806.44	238763.54	242947.43	239172.47	1.50	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	490.31	490.93	483.13	488.12	0.89	ppb
Cobalt	59-2	490.94	491.41	468.60	483.65	2.70	ppb
Copper	63-2	4921.34	5026.06	4825.10	4924.17	2.04	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				103		%
Indium	115-1				108		%
Indium	115-2				100		%
Iron	54-2	129953.50	132517.79	127086.13	129852.47	2.09	ppb
Iron	56-2	127573.90	131412.96	127413.74	128800.20	1.76	ppb
Iron	57-2	130618.83	130329.97	126163.01	129037.27	1.93	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	CCV67	Instrumnet Name :	P8
Client Sample ID :	CCV67	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 11:53:23	DataFile Name :	022CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2482.15	2465.50	2498.21	2481.95	0.66	ppb
Lead	207-1	2513.80	2463.13	2497.15	2491.36	1.04	ppb
Lead	208-1	2506.60	2457.05	2486.31	2483.32	1.00	ppb
Lithium	6-1				98		%
Magnesium	24-2	249896.99	248963.94	253537.16	250799.36	0.96	ppb
Manganese	55-2	5141.59	5150.32	4954.96	5082.29	2.17	ppb
Molybdenum	94-1	2422.06	2496.02	2475.44	2464.51	1.55	ppb
Molybdenum	95-1	2403.97	2469.84	2420.27	2431.36	1.41	ppb
Molybdenum	96-1	2423.26	2415.08	2421.00	2419.78	0.17	ppb
Molybdenum	97-1	2363.01	2430.30	2409.72	2401.01	1.44	ppb
Molybdenum	98-1	2378.84	2402.59	2433.52	2404.98	1.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	475.94	481.72	470.44	476.03	1.19	ppb
Phosphorus	31-2	9665.28	10195.40	9704.05	9854.91	3.00	ppb
Potassium	39-2	128628.43	132692.81	124696.42	128672.55	3.11	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				110		%
Scandium	45-2				105		%
Selenium	82-1	492.99	492.64	495.11	493.58	0.27	ppb
Selenium	77-2	541.02	492.47	523.51	519.00	4.74	ppb
Selenium	78-2	503.39	512.22	504.15	506.59	0.97	ppb
Silicon	28-1	549.75	558.98	615.73	574.82	6.22	ppb
Silver	107-1	499.13	514.65	526.58	513.45	2.68	ppb
Silver	109-1	512.20	514.08	529.90	518.73	1.87	ppb
Sodium	23-2	256804.62	265750.12	258871.64	260475.46	1.80	ppb
Strontium	86-1	4792.78	4760.35	4829.73	4794.29	0.72	ppb
Strontium	88-1	4854.29	4786.29	4793.37	4811.31	0.78	ppb
Sulfur	34-1	10198.71	9013.88	9740.46	9651.02	6.19	ppb
Terbium	159-1				110		%
Terbium	159-2				104		%
Thallium	203-1	504.37	495.55	515.11	505.01	1.94	ppb
Thallium	205-1	499.13	492.81	500.17	497.37	0.80	ppb
Tin	118-1	496.70	499.94	513.85	503.50	1.81	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	CCV67	Instrumnet Name :	P8
Client Sample ID :	CCV67	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 11:53:23	DataFile Name :	022CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2491.85	2429.54	2484.37	2468.58	1.38	ppb
Uranium	238-1	504.47	510.39	513.71	509.52	0.92	ppb
Vanadium	51-2	503.47	482.86	473.44	486.59	3.16	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				113		%
Yttrium	89-2				105		%
Zinc	66-2	4957.33	5013.96	4848.83	4940.04	1.70	ppb
Zirconium	90-1	488.77	495.38	489.47	491.20	0.74	ppb
Zirconium	91-1	493.16	507.83	490.99	497.33	1.84	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	CCB67	Instrumnet Name :	P8
Client Sample ID :	CCB67	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 12:00:46	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.76	2.69	1.81	2.09	25.10	ppb
Antimony	121-1	0.04	0.04	0.06	0.04	25.32	ppb
Arsenic	75-2	0.01	-0.02	0.00	0.00		ppb
Barium	135-1	0.05	0.04	0.04	0.04	16.89	ppb
Barium	137-1	0.02	0.02	0.02	0.02	12.63	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	21.95	ppb
Bismuth	209-1				108		%
Bismuth	209-2				103		%
Boron	10-1	13.87	11.23	13.60	12.90	11.27	ppb
Boron	11-1	15.00	11.66	14.28	13.65	12.86	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.07	-0.07	-0.01	-0.05		ppb
Cadmium	106-1	-7.59	-6.95	-4.12	-6.22		ppb
Cadmium	108-1	-0.17	-0.19	-0.25	-0.20		ppb
Calcium	43-1	4.83	-0.26	3.23	2.60	100.16	ppb
Calcium	44-1	18.64	-1.19	22.23	13.23	95.40	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.09	0.05	-0.03	0.04	158.81	ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	35.91	ppb
Copper	63-2	0.14	0.07	0.08	0.10	38.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				103		%
Indium	115-1				113		%
Indium	115-2				104		%
Iron	54-2	3.67	3.79	3.33	3.60	6.62	ppb
Iron	56-2	3.79	4.01	3.52	3.77	6.46	ppb
Iron	57-2	2.90	4.29	2.59	3.26	27.71	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	CCB67	Instrumnet Name :	P8
Client Sample ID :	CCB67	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 12:00:46	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.07	0.04	0.08	0.07	32.10	ppb
Lead	207-1	0.11	0.05	0.11	0.09	34.91	ppb
Lead	208-1	0.08	0.03	0.08	0.07	45.88	ppb
Lithium	6-1				103		%
Magnesium	24-2	4.88	8.92	8.49	7.43	29.89	ppb
Manganese	55-2	0.06	0.11	0.05	0.07	47.99	ppb
Molybdenum	94-1	0.09	0.09	0.10	0.09	7.60	ppb
Molybdenum	95-1	0.10	0.09	0.10	0.10	6.55	ppb
Molybdenum	96-1	0.12	0.07	0.09	0.10	26.11	ppb
Molybdenum	97-1	0.12	0.08	0.11	0.11	19.79	ppb
Molybdenum	98-1	0.11	0.08	0.09	0.10	15.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.02	0.02	-0.01		ppb
Phosphorus	31-2	-27.85	-8.92	-12.38	-16.38		ppb
Potassium	39-2	21.49	12.50	6.04	13.35	58.13	ppb
Rhodium	103-1				111		%
Rhodium	103-2				103		%
Scandium	45-1				111		%
Scandium	45-2				102		%
Selenium	82-1	-0.02	-0.15	-0.08	-0.08		ppb
Selenium	77-2	-0.24	-0.85	-0.85	-0.64		ppb
Selenium	78-2	0.67	0.55	0.77	0.66	16.56	ppb
Silicon	28-1	-6.80	-20.11	-3.21	-10.04		ppb
Silver	107-1	0.01	0.02	0.03	0.02	51.94	ppb
Silver	109-1	0.03	0.01	0.02	0.02	39.52	ppb
Sodium	23-2	36.77	28.27	26.18	30.41	18.43	ppb
Strontium	86-1	0.02	-0.06	0.04	0.00	2549.78	ppb
Strontium	88-1	0.08	0.06	0.08	0.07	19.79	ppb
Sulfur	34-1	-3011.98	-5766.98	-2316.16	-3698.38		ppb
Terbium	159-1				112		%
Terbium	159-2				102		%
Thallium	203-1	0.02	0.02	0.01	0.02	28.70	ppb
Thallium	205-1	0.03	0.03	0.04	0.03	18.47	ppb
Tin	118-1	0.07	-0.02	0.02	0.02	198.06	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	CCB67	Instrumnet Name :	P8
Client Sample ID :	CCB67	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 12:00:46	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.09	0.04	0.06	0.07	35.67	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	26.28	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	31.84	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				113		%
Yttrium	89-2				104		%
Zinc	66-2	0.07	-0.13	0.12	0.02	616.07	ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	54.38	ppb
Zirconium	91-1	0.01	0.01	0.01	0.01	27.03	ppb

LB Number : LB116689 Operator : Jaswal
 Lab Sample ID : CRI Instrumnet Name : P8
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2021-10-06 12:03:47 DataFile Name : 024LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.44	22.86	24.01	22.77	5.66	ppb
Antimony	121-1	2.06	2.04	2.06	2.05	0.44	ppb
Arsenic	75-2	0.88	0.98	1.09	0.98	10.75	ppb
Barium	135-1	10.27	9.75	10.27	10.10	2.99	ppb
Barium	137-1	10.31	9.96	10.42	10.23	2.37	ppb
Beryllium	9-1	0.93	1.01	1.00	0.98	4.52	ppb
Bismuth	209-1				104		%
Bismuth	209-2				105		%
Boron	10-1	28.05	33.48	34.67	32.06	11.00	ppb
Boron	11-1	31.86	34.31	36.16	34.11	6.32	ppb
Bromine	81-1						cps
Cadmium	111-1	0.92	0.99	1.11	1.01	9.77	ppb
Cadmium	106-1	-5.56	-2.84	-3.43	-3.94		ppb
Cadmium	108-1	1.25	0.95	0.95	1.05	16.60	ppb
Calcium	43-1	470.26	455.27	464.52	463.35	1.63	ppb
Calcium	44-1	488.13	474.87	477.80	480.27	1.45	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.87	1.93	2.03	1.94	4.22	ppb
Cobalt	59-2	0.93	0.97	0.99	0.97	3.03	ppb
Copper	63-2	1.72	1.78	1.80	1.77	2.54	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				105		%
Holmium	165-2				104		%
Indium	115-1				109		%
Indium	115-2				109		%
Iron	54-2	53.05	57.32	58.91	56.42	5.38	ppb
Iron	56-2	52.39	57.30	55.49	55.06	4.51	ppb
Iron	57-2	52.93	55.37	57.02	55.11	3.73	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 12:03:47	DataFile Name :	024LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.04	1.02	0.95	1.00	4.71	ppb
Lead	207-1	1.00	1.03	1.05	1.03	2.40	ppb
Lead	208-1	1.00	0.98	0.98	0.99	0.93	ppb
Lithium	6-1				97		%
Magnesium	24-2	480.92	508.55	510.83	500.10	3.33	ppb
Manganese	55-2	0.99	1.02	1.08	1.03	4.74	ppb
Molybdenum	94-1	4.90	5.01	4.84	4.92	1.85	ppb
Molybdenum	95-1	4.95	4.95	4.81	4.91	1.61	ppb
Molybdenum	96-1	4.87	4.88	4.77	4.84	1.32	ppb
Molybdenum	97-1	4.86	4.79	5.12	4.93	3.57	ppb
Molybdenum	98-1	4.94	4.96	4.94	4.94	0.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.95	1.03	0.99	0.99	4.42	ppb
Phosphorus	31-2	-5.44	0.45	-12.22	-5.74		ppb
Potassium	39-2	470.16	490.23	501.57	487.32	3.26	ppb
Rhodium	103-1				106		%
Rhodium	103-2				104		%
Scandium	45-1				107		%
Scandium	45-2				106		%
Selenium	82-1	4.35	5.48	5.22	5.02	11.88	ppb
Selenium	77-2	6.10	7.10	5.37	6.19	14.00	ppb
Selenium	78-2	4.29	4.49	4.24	4.34	3.04	ppb
Silicon	28-1	4.47	1.29	-2.46	1.10	315.08	ppb
Silver	107-1	0.97	1.03	1.02	1.01	3.43	ppb
Silver	109-1	1.00	1.02	1.03	1.02	1.74	ppb
Sodium	23-2	507.96	546.81	543.96	532.91	4.06	ppb
Strontium	86-1	1.24	1.10	1.02	1.12	9.93	ppb
Strontium	88-1	1.07	1.17	1.13	1.12	4.44	ppb
Sulfur	34-1	-3040.73	-3357.96	-2960.21	-3119.63		ppb
Terbium	159-1				104		%
Terbium	159-2				105		%
Thallium	203-1	0.90	0.98	0.92	0.93	4.48	ppb
Thallium	205-1	0.94	0.97	0.95	0.95	1.59	ppb
Tin	118-1	5.09	4.90	5.16	5.05	2.62	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 12:03:47	DataFile Name :	024LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.92	4.79	4.94	4.88	1.75	ppb
Uranium	238-1	0.88	0.90	0.88	0.89	1.31	ppb
Vanadium	51-2	4.69	4.76	4.89	4.78	2.10	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	2.10	2.83	2.56	2.50	14.87	ppb
Zirconium	90-1	0.93	0.95	0.91	0.93	1.71	ppb
Zirconium	91-1	0.87	0.96	0.83	0.88	7.29	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M3768-04A	Instrumnet Name :	P8
Client Sample ID :	A0AW8A	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 12:09:49	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19654.51	19702.73	20040.86	19799.37	1.06	ppb
Antimony	121-1	61.62	61.98	62.85	62.15	1.01	ppb
Arsenic	75-2	74.79	72.43	75.63	74.28	2.23	ppb
Barium	135-1	3113.37	3129.44	3164.25	3135.69	0.83	ppb
Barium	137-1	3108.80	3103.24	3126.99	3113.01	0.40	ppb
Beryllium	9-1	3.45	3.35	3.23	3.35	3.32	ppb
Bismuth	209-1				119		%
Bismuth	209-2				115		%
Boron	10-1	16.12	16.73	15.63	16.16	3.40	ppb
Boron	11-1	17.62	17.99	17.51	17.71	1.40	ppb
Bromine	81-1						cps
Cadmium	111-1	70.11	69.24	72.13	70.49	2.10	ppb
Cadmium	106-1	58.27	62.09	61.96	60.77	3.57	ppb
Cadmium	108-1	66.95	67.70	68.83	67.83	1.40	ppb
Calcium	43-1	9878.46	9881.67	10261.58	10007.24	2.20	ppb
Calcium	44-1	10307.70	10442.85	10793.35	10514.63	2.38	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	656.99	656.12	649.11	654.07	0.66	ppb
Cobalt	59-2	49.62	49.32	50.07	49.67	0.76	ppb
Copper	63-2	298.95	300.94	282.59	294.16	3.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				111		%
Indium	115-1				115		%
Indium	115-2				114		%
Iron	54-2	42694.20	43007.29	41330.78	42344.09	2.11	ppb
Iron	56-2	42646.13	41676.87	41512.58	41945.20	1.46	ppb
Iron	57-2	43900.16	42538.85	42078.19	42839.06	2.21	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M3768-04A	Instrumnet Name :	P8
Client Sample ID :	A0AW8A	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 12:09:49	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	10427.27	10577.07	10567.94	10524.09	0.80	ppb
Lead	207-1	10208.79	10016.56	10218.01	10147.79	1.12	ppb
Lead	208-1	10191.55	10142.14	10319.12	10217.60	0.89	ppb
Lithium	6-1				105		%
Magnesium	24-2	3445.69	3494.09	3406.52	3448.77	1.27	ppb
Manganese	55-2	1104.21	1095.88	1073.84	1091.31	1.44	ppb
Molybdenum	94-1	3.18	3.27	3.29	3.25	1.74	ppb
Molybdenum	95-1	3.35	3.22	3.46	3.34	3.50	ppb
Molybdenum	96-1	3.65	3.57	3.71	3.64	1.93	ppb
Molybdenum	97-1	3.35	3.26	3.40	3.34	2.18	ppb
Molybdenum	98-1	3.33	3.28	3.33	3.31	0.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	471.48	475.00	475.55	474.01	0.47	ppb
Phosphorus	31-2	3115.19	2934.30	3048.23	3032.57	3.02	ppb
Potassium	39-2	1053.77	1051.12	1058.43	1054.44	0.35	ppb
Rhodium	103-1				115		%
Rhodium	103-2				111		%
Scandium	45-1				120		%
Scandium	45-2				117		%
Selenium	82-1	4.74	4.95	4.72	4.80	2.63	ppb
Selenium	77-2	28.18	30.70	29.38	29.42	4.30	ppb
Selenium	78-2	9.90	10.14	8.92	9.65	6.72	ppb
Silicon	28-1	6275.54	6171.37	6519.88	6322.26	2.83	ppb
Silver	107-1	1.30	1.30	1.37	1.32	2.82	ppb
Silver	109-1	1.27	1.25	1.29	1.27	1.36	ppb
Sodium	23-2	1906.34	1886.14	1873.48	1888.65	0.88	ppb
Strontium	86-1	91.14	88.12	91.92	90.39	2.22	ppb
Strontium	88-1	92.61	92.61	95.88	93.70	2.01	ppb
Sulfur	34-1	44875.31	45610.94	46532.91	45673.05	1.82	ppb
Terbium	159-1				114		%
Terbium	159-2				111		%
Thallium	203-1	0.47	0.51	0.56	0.51	8.76	ppb
Thallium	205-1	0.49	0.54	0.54	0.52	5.68	ppb
Tin	118-1	15.23	15.48	15.79	15.50	1.80	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M3768-04A	Instrumnet Name :	P8
Client Sample ID :	A0AW8A	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 12:09:49	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	406.63	397.32	425.06	409.67	3.45	ppb
Uranium	238-1	2.08	2.01	2.16	2.08	3.72	ppb
Vanadium	51-2	295.07	293.25	293.47	293.93	0.34	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				124		%
Yttrium	89-2				120		%
Zinc	66-2	15977.46	15707.80	15967.06	15884.11	0.96	ppb
Zirconium	90-1	0.58	0.59	0.64	0.60	5.66	ppb
Zirconium	91-1	0.56	0.63	0.63	0.61	6.62	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M4080-01	Instrumnet Name :	P8
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 12:21:42	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	116.80	129.05	127.34	124.39	5.33	ppb
Antimony	121-1	0.22	0.20	0.21	0.21	4.91	ppb
Arsenic	75-2	4.41	4.42	4.57	4.46	2.06	ppb
Barium	135-1	127.80	119.43	125.65	124.29	3.50	ppb
Barium	137-1	130.59	120.53	125.11	125.41	4.02	ppb
Beryllium	9-1	0.03	0.02	0.03	0.03	11.48	ppb
Bismuth	209-1				109		%
Bismuth	209-2				104		%
Boron	10-1	90.61	93.42	98.58	94.20	4.29	ppb
Boron	11-1	99.68	100.43	106.39	102.17	3.60	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.06	-0.04	-0.07	-0.05		ppb
Cadmium	106-1	-5.82	-4.19	-6.77	-5.59		ppb
Cadmium	108-1	-0.04	0.09	-0.21	-0.05		ppb
Calcium	43-1	25097.57	23395.03	25532.23	24674.95	4.58	ppb
Calcium	44-1	25607.05	23788.60	25314.16	24903.27	3.92	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.01	2.17	2.01	2.06	4.31	ppb
Cobalt	59-2	3.37	3.38	3.28	3.34	1.58	ppb
Copper	63-2	3.35	3.35	3.27	3.32	1.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				107		%
Indium	115-1				114		%
Indium	115-2				108		%
Iron	54-2	19016.96	19408.93	19078.42	19168.10	1.10	ppb
Iron	56-2	18676.56	18883.54	18815.01	18791.70	0.56	ppb
Iron	57-2	18038.49	18297.16	17933.50	18089.72	1.03	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M4080-01	Instrumnet Name :	P8
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 12:21:42	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.91	0.92	0.91	0.91	0.99	ppb
Lead	207-1	0.90	0.88	0.94	0.91	3.63	ppb
Lead	208-1	0.89	0.86	0.91	0.89	3.00	ppb
Lithium	6-1				100		%
Magnesium	24-2	9814.41	9968.43	9845.55	9876.13	0.82	ppb
Manganese	55-2	2172.22	2169.11	2179.64	2173.66	0.25	ppb
Molybdenum	94-1	0.49	0.45	0.49	0.48	4.66	ppb
Molybdenum	95-1	0.47	0.37	0.48	0.44	13.86	ppb
Molybdenum	96-1	0.50	0.56	0.54	0.53	6.03	ppb
Molybdenum	97-1	0.46	0.41	0.42	0.43	6.53	ppb
Molybdenum	98-1	0.43	0.38	0.40	0.40	6.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.67	6.79	6.94	6.80	1.98	ppb
Phosphorus	31-2	215.79	221.44	235.29	224.18	4.48	ppb
Potassium	39-2	4300.78	4415.63	4301.08	4339.16	1.53	ppb
Rhodium	103-1				111		%
Rhodium	103-2				107		%
Scandium	45-1				116		%
Scandium	45-2				109		%
Selenium	82-1	0.20	0.21	0.35	0.25	33.07	ppb
Selenium	77-2	-0.28	1.50	0.89	0.70	128.97	ppb
Selenium	78-2	0.30	0.89	1.09	0.76	54.36	ppb
Silicon	28-1	4587.61	4475.73	4729.84	4597.73	2.77	ppb
Silver	107-1	0.05	0.05	0.05	0.05	2.70	ppb
Silver	109-1	0.06	0.04	0.05	0.05	22.55	ppb
Sodium	23-2	27698.54	28694.91	28139.96	28177.80	1.77	ppb
Strontium	86-1	116.46	110.53	114.52	113.84	2.66	ppb
Strontium	88-1	119.05	115.52	117.64	117.40	1.51	ppb
Sulfur	34-1	58445.80	57416.96	61129.13	58997.30	3.25	ppb
Terbium	159-1				109		%
Terbium	159-2				107		%
Thallium	203-1	0.00	-0.01	0.00	0.00		ppb
Thallium	205-1	-0.01	-0.01	0.00	0.00		ppb
Tin	118-1	0.10	0.07	0.09	0.09	18.98	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M4080-01	Instrumnet Name :	P8
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 12:21:42	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	3.25	3.18	2.93	3.12	5.41	ppb
Uranium	238-1	0.04	0.03	0.04	0.04	8.51	ppb
Vanadium	51-2	1.07	1.16	1.13	1.12	4.18	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				116		%
Yttrium	89-2				110		%
Zinc	66-2	49.40	50.12	46.81	48.78	3.57	ppb
Zirconium	90-1	0.11	0.12	0.11	0.12	1.66	ppb
Zirconium	91-1	0.09	0.11	0.11	0.11	11.10	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M4080-03	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 12:24:35	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	410.19	396.47	397.15	401.27	1.93	ppb
Antimony	121-1	0.33	0.33	0.33	0.33	0.78	ppb
Arsenic	75-2	0.99	0.85	0.87	0.90	8.46	ppb
Barium	135-1	53.06	53.00	54.08	53.38	1.13	ppb
Barium	137-1	54.30	51.99	51.77	52.69	2.66	ppb
Beryllium	9-1	0.03	0.03	0.03	0.03	10.70	ppb
Bismuth	209-1				108		%
Bismuth	209-2				105		%
Boron	10-1	68.49	73.89	74.74	72.37	4.69	ppb
Boron	11-1	74.49	77.01	80.79	77.43	4.10	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.03	-0.03	-0.01	-0.02		ppb
Cadmium	106-1	-5.26	-5.10	-3.78	-4.72		ppb
Cadmium	108-1	-0.15	-0.12	-0.16	-0.14		ppb
Calcium	43-1	25951.94	25517.50	25542.24	25670.56	0.95	ppb
Calcium	44-1	26265.36	25617.33	25356.25	25746.32	1.82	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.39	2.38	2.32	2.36	1.71	ppb
Cobalt	59-2	0.44	0.44	0.42	0.44	3.10	ppb
Copper	63-2	5.75	5.77	5.75	5.75	0.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				106		%
Indium	115-1				114		%
Indium	115-2				107		%
Iron	54-2	993.03	990.43	971.99	985.15	1.16	ppb
Iron	56-2	1057.96	1022.68	1031.37	1037.34	1.77	ppb
Iron	57-2	998.13	971.55	968.62	979.43	1.66	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M4080-03	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 12:24:35	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.57	1.49	1.53	1.53	2.81	ppb
Lead	207-1	1.44	1.45	1.37	1.42	2.93	ppb
Lead	208-1	1.48	1.47	1.44	1.46	1.26	ppb
Lithium	6-1				100		%
Magnesium	24-2	10507.18	10085.62	10413.49	10335.43	2.14	ppb
Manganese	55-2	105.61	106.28	104.84	105.58	0.68	ppb
Molybdenum	94-1	0.87	0.92	0.98	0.92	5.78	ppb
Molybdenum	95-1	1.00	1.07	1.14	1.07	6.51	ppb
Molybdenum	96-1	1.01	1.01	1.01	1.01	0.09	ppb
Molybdenum	97-1	1.08	1.07	1.03	1.06	2.80	ppb
Molybdenum	98-1	1.03	1.00	1.03	1.02	1.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.12	2.12	1.93	2.06	5.41	ppb
Phosphorus	31-2	717.09	625.15	682.75	675.00	6.88	ppb
Potassium	39-2	3251.82	3208.70	3226.86	3229.13	0.67	ppb
Rhodium	103-1				111		%
Rhodium	103-2				105		%
Scandium	45-1				113		%
Scandium	45-2				108		%
Selenium	82-1	0.36	0.72	0.43	0.51	37.50	ppb
Selenium	77-2	-0.26	0.32	-0.25	-0.06		ppb
Selenium	78-2	0.65	0.66	1.61	0.97	56.75	ppb
Silicon	28-1	3952.37	3949.54	3820.12	3907.35	1.93	ppb
Silver	107-1	0.02	0.02	0.02	0.02	6.55	ppb
Silver	109-1	0.03	0.02	0.02	0.02	23.02	ppb
Sodium	23-2	34897.14	34623.76	34616.19	34712.36	0.46	ppb
Strontium	86-1	149.04	145.62	146.86	147.17	1.17	ppb
Strontium	88-1	150.30	151.34	153.66	151.77	1.13	ppb
Sulfur	34-1	10528.94	10279.74	10292.81	10367.16	1.35	ppb
Terbium	159-1				111		%
Terbium	159-2				106		%
Thallium	203-1	-0.01	0.00	0.00	-0.01		ppb
Thallium	205-1	0.00	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.30	0.28	0.27	0.28	5.84	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M4080-03	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 12:24:35	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	13.10	13.16	12.51	12.92	2.76	ppb
Uranium	238-1	0.23	0.25	0.22	0.23	5.60	ppb
Vanadium	51-2	1.64	1.69	1.73	1.69	2.89	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				116		%
Yttrium	89-2				107		%
Zinc	66-2	28.70	28.83	28.25	28.59	1.07	ppb
Zirconium	90-1	0.16	0.14	0.14	0.14	6.96	ppb
Zirconium	91-1	0.11	0.16	0.13	0.13	19.05	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M4080-03DUP	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 12:27:31	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	429.98	406.67	407.03	414.56	3.22	ppb
Antimony	121-1	0.34	0.30	0.33	0.32	5.57	ppb
Arsenic	75-2	0.95	0.90	0.86	0.90	5.06	ppb
Barium	135-1	53.35	51.85	52.96	52.72	1.48	ppb
Barium	137-1	53.88	51.60	53.36	52.95	2.25	ppb
Beryllium	9-1	0.04	0.03	0.03	0.03	16.08	ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Boron	10-1	65.50	70.66	74.52	70.23	6.44	ppb
Boron	11-1	70.79	77.93	79.39	76.04	6.05	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.02	-0.05	-0.05	-0.04		ppb
Cadmium	106-1	-3.75	-6.68	-6.12	-5.52		ppb
Cadmium	108-1	0.07	-0.12	-0.09	-0.05		ppb
Calcium	43-1	26986.59	25659.46	24675.41	25773.82	4.50	ppb
Calcium	44-1	26117.48	25981.45	25662.35	25920.43	0.90	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.35	2.25	2.22	2.28	3.04	ppb
Cobalt	59-2	0.45	0.45	0.48	0.46	4.14	ppb
Copper	63-2	6.05	5.89	5.79	5.91	2.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				104		%
Indium	115-1				112		%
Indium	115-2				105		%
Iron	54-2	1025.33	972.63	985.01	994.32	2.77	ppb
Iron	56-2	1043.85	1026.70	1034.74	1035.10	0.83	ppb
Iron	57-2	1009.19	985.89	968.56	987.88	2.06	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M4080-03DUP	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 12:27:31	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.55	1.47	1.45	1.49	3.68	ppb
Lead	207-1	1.52	1.45	1.48	1.48	2.32	ppb
Lead	208-1	1.49	1.45	1.44	1.46	1.90	ppb
Lithium	6-1				104		%
Magnesium	24-2	10260.57	10531.76	10265.52	10352.62	1.50	ppb
Manganese	55-2	108.79	104.43	104.72	105.98	2.30	ppb
Molybdenum	94-1	0.94	0.97	0.90	0.94	3.79	ppb
Molybdenum	95-1	1.07	1.04	1.03	1.05	1.76	ppb
Molybdenum	96-1	1.04	1.01	1.05	1.03	2.02	ppb
Molybdenum	97-1	1.04	1.05	0.99	1.03	3.39	ppb
Molybdenum	98-1	1.01	1.02	1.00	1.01	0.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.16	2.18	1.99	2.11	4.81	ppb
Phosphorus	31-2	726.46	689.94	645.54	687.32	5.90	ppb
Potassium	39-2	3265.40	3166.39	3198.80	3210.20	1.57	ppb
Rhodium	103-1				109		%
Rhodium	103-2				104		%
Scandium	45-1				111		%
Scandium	45-2				106		%
Selenium	82-1	0.13	0.37	0.42	0.31	50.77	ppb
Selenium	77-2	-0.25	-0.25	-0.26	-0.25		ppb
Selenium	78-2	0.78	0.41	0.52	0.57	33.67	ppb
Silicon	28-1	3956.44	3945.04	3951.79	3951.09	0.15	ppb
Silver	107-1	0.02	0.02	0.02	0.02	9.18	ppb
Silver	109-1	0.03	0.02	0.02	0.02	23.40	ppb
Sodium	23-2	35326.33	34498.07	34206.95	34677.12	1.67	ppb
Strontium	86-1	146.93	146.18	148.08	147.06	0.65	ppb
Strontium	88-1	151.16	152.70	153.47	152.44	0.77	ppb
Sulfur	34-1	11117.68	10785.39	10276.52	10726.53	3.95	ppb
Terbium	159-1				110		%
Terbium	159-2				106		%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.26	0.25	0.25	0.25	1.88	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M4080-03DUP	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 12:27:31	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	13.29	13.69	13.63	13.54	1.58	ppb
Uranium	238-1	0.21	0.23	0.23	0.23	4.45	ppb
Vanadium	51-2	1.63	1.57	1.61	1.60	2.11	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				113		%
Yttrium	89-2				107		%
Zinc	66-2	28.67	27.58	28.45	28.24	2.05	ppb
Zirconium	90-1	0.15	0.16	0.14	0.15	5.69	ppb
Zirconium	91-1	0.12	0.11	0.14	0.12	15.27	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M4080-03LX5	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)L	Dilution Factor :	5
Date & Time Acquired ::	2021-10-06 12:30:27	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	119.60	91.01	87.48	99.36	17.72	ppb
Antimony	121-1	0.08	0.09	0.07	0.08	14.90	ppb
Arsenic	75-2	0.23	0.15	0.17	0.18	22.33	ppb
Barium	135-1	10.38	9.94	10.42	10.25	2.63	ppb
Barium	137-1	10.16	10.37	10.57	10.37	1.97	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	31.78	ppb
Bismuth	209-1				105		%
Bismuth	209-2				92		%
Boron	10-1	22.69	22.91	22.46	22.69	0.99	ppb
Boron	11-1	24.66	24.84	24.54	24.68	0.62	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.07	-0.07	-0.07	-0.07		ppb
Cadmium	106-1	-4.80	-6.22	-5.95	-5.66		ppb
Cadmium	108-1	0.05	-0.21	-0.14	-0.10		ppb
Calcium	43-1	4711.89	4795.27	4851.18	4786.11	1.46	ppb
Calcium	44-1	5037.67	4969.19	5239.31	5082.06	2.76	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.73	0.49	0.49	0.57	24.21	ppb
Cobalt	59-2	0.10	0.10	0.07	0.09	19.37	ppb
Copper	63-2	1.50	1.16	1.17	1.28	15.19	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				93		%
Indium	115-1				108		%
Indium	115-2				93		%
Iron	54-2	269.58	201.83	190.71	220.71	19.34	ppb
Iron	56-2	261.59	202.07	193.74	219.13	16.88	ppb
Iron	57-2	257.92	196.04	201.77	218.58	15.64	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M4080-03LX5	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)L	Dilution Factor :	5
Date & Time Acquired ::	2021-10-06 12:30:27	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.28	0.31	0.30	0.30	4.27	ppb
Lead	207-1	0.31	0.27	0.28	0.29	7.63	ppb
Lead	208-1	0.28	0.28	0.28	0.28	1.25	ppb
Lithium	6-1				100		%
Magnesium	24-2	2656.05	2090.43	1989.01	2245.16	16.01	ppb
Manganese	55-2	27.72	21.87	21.09	23.56	15.39	ppb
Molybdenum	94-1	0.20	0.22	0.22	0.21	7.33	ppb
Molybdenum	95-1	0.19	0.23	0.17	0.20	13.60	ppb
Molybdenum	96-1	0.22	0.20	0.21	0.21	4.81	ppb
Molybdenum	97-1	0.25	0.25	0.22	0.24	8.35	ppb
Molybdenum	98-1	0.21	0.23	0.21	0.22	3.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.54	0.49	0.42	0.48	11.60	ppb
Phosphorus	31-2	152.21	93.51	98.88	114.87	28.25	ppb
Potassium	39-2	883.33	659.24	633.07	725.21	18.97	ppb
Rhodium	103-1				107		%
Rhodium	103-2				93		%
Scandium	45-1				109		%
Scandium	45-2				93		%
Selenium	82-1	-0.06	0.34	-0.08	0.07	352.10	ppb
Selenium	77-2	-0.06	-0.21	0.41	0.05	697.02	ppb
Selenium	78-2	0.47	1.11	0.39	0.66	59.38	ppb
Silicon	28-1	732.35	741.86	756.24	743.49	1.62	ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Silver	109-1	-0.01	0.00	-0.01	-0.01		ppb
Sodium	23-2	9084.79	7265.16	6994.52	7781.49	14.61	ppb
Strontium	86-1	29.19	29.96	29.27	29.47	1.44	ppb
Strontium	88-1	29.37	29.64	29.56	29.52	0.46	ppb
Sulfur	34-1	-284.57	-301.80	-137.86	-241.41		ppb
Terbium	159-1				107		%
Terbium	159-2				93		%
Thallium	203-1	-0.02	-0.02	0.00	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.02	-0.01		ppb
Tin	118-1	0.05	0.03	0.04	0.04	28.53	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M4080-03LX5	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)L	Dilution Factor :	5
Date & Time Acquired ::	2021-10-06 12:30:27	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2.53	2.84	2.46	2.61	7.66	ppb
Uranium	238-1	0.05	0.05	0.05	0.05	9.34	ppb
Vanadium	51-2	0.39	0.33	0.29	0.34	15.44	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				94		%
Zinc	66-2	7.99	6.77	6.03	6.93	14.27	ppb
Zirconium	90-1	0.03	0.03	0.02	0.03	27.63	ppb
Zirconium	91-1	0.03	0.01	0.02	0.02	53.55	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M4080-05	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 12:33:27	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	244.46	233.64	235.50	237.87	2.43	ppb
Antimony	121-1	0.10	0.14	0.12	0.12	16.45	ppb
Arsenic	75-2	0.51	0.55	0.54	0.53	4.78	ppb
Barium	135-1	46.15	46.93	47.13	46.74	1.10	ppb
Barium	137-1	46.79	46.56	46.88	46.74	0.36	ppb
Beryllium	9-1	0.02	0.01	0.02	0.02	33.91	ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Boron	10-1	47.76	47.94	49.43	48.38	1.90	ppb
Boron	11-1	50.43	51.67	55.07	52.39	4.59	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.05	-0.03	-0.04	-0.04		ppb
Cadmium	106-1	-5.31	-3.44	-4.46	-4.40		ppb
Cadmium	108-1	-0.09	-0.13	-0.11	-0.11		ppb
Calcium	43-1	23065.93	23266.74	23251.76	23194.81	0.48	ppb
Calcium	44-1	24182.98	23780.16	24592.57	24185.24	1.68	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.58	0.52	0.47	0.52	10.56	ppb
Cobalt	59-2	0.26	0.24	0.25	0.25	3.95	ppb
Copper	63-2	1.56	1.48	1.45	1.50	3.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				105		%
Indium	115-1				110		%
Indium	115-2				105		%
Iron	54-2	427.21	417.87	417.39	420.82	1.32	ppb
Iron	56-2	434.05	424.78	410.50	423.11	2.80	ppb
Iron	57-2	439.09	424.44	426.12	429.88	1.86	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M4080-05	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 12:33:27	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.54	0.49	0.50	0.51	4.89	ppb
Lead	207-1	0.45	0.48	0.51	0.48	6.12	ppb
Lead	208-1	0.49	0.49	0.50	0.49	1.20	ppb
Lithium	6-1				102		%
Magnesium	24-2	9672.70	9605.93	9293.52	9524.05	2.13	ppb
Manganese	55-2	44.16	42.32	43.09	43.19	2.13	ppb
Molybdenum	94-1	0.67	0.39	0.40	0.49	32.79	ppb
Molybdenum	95-1	0.47	0.41	0.44	0.44	6.17	ppb
Molybdenum	96-1	0.42	0.38	0.41	0.41	5.16	ppb
Molybdenum	97-1	0.48	0.41	0.43	0.44	7.28	ppb
Molybdenum	98-1	0.42	0.41	0.46	0.43	6.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.62	0.61	0.68	0.64	5.86	ppb
Phosphorus	31-2	77.90	66.94	56.10	66.98	16.27	ppb
Potassium	39-2	2398.95	2308.28	2340.84	2349.36	1.95	ppb
Rhodium	103-1				108		%
Rhodium	103-2				103		%
Scandium	45-1				110		%
Scandium	45-2				106		%
Selenium	82-1	0.60	0.71	0.42	0.58	25.19	ppb
Selenium	77-2	-0.25	-0.85	-0.85	-0.65		ppb
Selenium	78-2	0.72	-0.18	0.35	0.29	153.34	ppb
Silicon	28-1	4222.10	3990.31	4001.77	4071.39	3.21	ppb
Silver	107-1	-0.01	-0.01	0.00	-0.01		ppb
Silver	109-1	-0.01	-0.01	-0.01	-0.01		ppb
Sodium	23-2	27791.68	27447.70	26689.38	27309.59	2.07	ppb
Strontium	86-1	142.24	134.82	141.35	139.47	2.90	ppb
Strontium	88-1	146.30	140.48	144.05	143.61	2.05	ppb
Sulfur	34-1	7445.13	7245.92	7290.13	7327.06	1.43	ppb
Terbium	159-1				109		%
Terbium	159-2				105		%
Thallium	203-1	-0.01	-0.02	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.04	0.03	0.03	0.03	23.08	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M4080-05	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 12:33:27	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	8.10	7.65	12.65	9.47	29.26	ppb
Uranium	238-1	0.24	0.25	0.26	0.25	5.33	ppb
Vanadium	51-2	1.13	1.18	1.21	1.17	3.61	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				105		%
Zinc	66-2	33.70	32.94	31.97	32.87	2.64	ppb
Zirconium	90-1	0.07	0.07	0.06	0.07	7.10	ppb
Zirconium	91-1	0.06	0.05	0.09	0.06	31.96	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M4080-02	Instrumnet Name :	P8
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 12:36:24	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	110.94	133.64	119.75	121.44	9.42	ppb
Antimony	121-1	0.21	0.17	0.18	0.19	10.52	ppb
Arsenic	75-2	4.14	4.62	4.20	4.32	6.00	ppb
Barium	135-1	126.54	115.02	116.22	119.26	5.31	ppb
Barium	137-1	125.95	115.75	116.07	119.26	4.86	ppb
Beryllium	9-1	0.02	0.02	0.03	0.02	15.30	ppb
Bismuth	209-1				106		%
Bismuth	209-2				103		%
Boron	10-1	90.14	94.30	97.84	94.09	4.10	ppb
Boron	11-1	98.94	102.64	105.92	102.50	3.41	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.07	-0.06	-0.06	-0.06		ppb
Cadmium	106-1	-6.34	-6.07	-6.01	-6.14		ppb
Cadmium	108-1	-0.02	-0.03	-0.12	-0.05		ppb
Calcium	43-1	24915.44	23075.83	22132.75	23374.67	6.05	ppb
Calcium	44-1	25856.78	23890.12	23194.05	24313.65	5.68	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.80	2.23	1.95	1.99	10.99	ppb
Cobalt	59-2	3.05	3.47	3.34	3.29	6.63	ppb
Copper	63-2	3.07	3.54	3.16	3.26	7.57	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				110		%
Holmium	165-2				104		%
Indium	115-1				111		%
Indium	115-2				106		%
Iron	54-2	17514.40	19395.16	18433.91	18447.83	5.10	ppb
Iron	56-2	17173.76	19157.74	18081.82	18137.77	5.48	ppb
Iron	57-2	16492.22	19012.12	17151.85	17552.06	7.45	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M4080-02	Instrumnet Name :	P8
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 12:36:24	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.92	0.82	0.87	0.87	5.96	ppb
Lead	207-1	0.86	0.77	0.78	0.81	6.33	ppb
Lead	208-1	0.86	0.79	0.82	0.83	4.76	ppb
Lithium	6-1				101		%
Magnesium	24-2	9110.89	10342.25	9428.43	9627.19	6.64	ppb
Manganese	55-2	1973.43	2199.66	2109.51	2094.20	5.44	ppb
Molybdenum	94-1	0.50	0.43	0.44	0.46	8.38	ppb
Molybdenum	95-1	0.45	0.43	0.42	0.43	3.30	ppb
Molybdenum	96-1	0.52	0.52	0.57	0.54	4.91	ppb
Molybdenum	97-1	0.43	0.41	0.36	0.40	8.93	ppb
Molybdenum	98-1	0.39	0.36	0.40	0.38	4.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.19	6.75	6.59	6.51	4.48	ppb
Phosphorus	31-2	192.86	218.29	207.50	206.22	6.19	ppb
Potassium	39-2	3962.69	4418.79	4191.26	4190.92	5.44	ppb
Rhodium	103-1				107		%
Rhodium	103-2				103		%
Scandium	45-1				111		%
Scandium	45-2				105		%
Selenium	82-1	-0.42	0.39	0.20	0.06	735.42	ppb
Selenium	77-2	0.87	1.05	0.36	0.76	46.88	ppb
Selenium	78-2	0.60	1.59	0.38	0.86	75.90	ppb
Silicon	28-1	4877.10	4560.75	4372.80	4603.55	5.54	ppb
Silver	107-1	0.03	0.04	0.04	0.04	9.72	ppb
Silver	109-1	0.04	0.04	0.04	0.04	6.45	ppb
Sodium	23-2	26111.95	29313.58	27504.08	27643.20	5.81	ppb
Strontium	86-1	115.84	105.47	106.48	109.27	5.24	ppb
Strontium	88-1	120.78	111.47	109.84	114.03	5.18	ppb
Sulfur	34-1	64286.53	58051.92	56318.35	59552.27	7.04	ppb
Terbium	159-1				111		%
Terbium	159-2				105		%
Thallium	203-1	-0.02	-0.02	0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.02	-0.02	-0.02		ppb
Tin	118-1	0.10	0.09	0.10	0.10	8.57	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M4080-02	Instrumnet Name :	P8
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 12:36:24	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	3.24	3.12	2.84	3.07	6.55	ppb
Uranium	238-1	0.04	0.03	0.03	0.03	9.37	ppb
Vanadium	51-2	1.05	1.16	1.05	1.09	5.45	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				105		%
Zinc	66-2	42.41	47.62	43.88	44.63	6.02	ppb
Zirconium	90-1	0.12	0.11	0.10	0.11	9.41	ppb
Zirconium	91-1	0.13	0.12	0.10	0.12	13.81	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M4080-04	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 12:39:21	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	388.98	395.25	397.04	393.76	1.07	ppb
Antimony	121-1	0.33	0.34	0.36	0.34	3.33	ppb
Arsenic	75-2	0.83	0.98	0.95	0.92	8.25	ppb
Barium	135-1	51.97	52.02	52.10	52.03	0.13	ppb
Barium	137-1	51.97	53.83	51.08	52.29	2.68	ppb
Beryllium	9-1	0.03	0.03	0.03	0.03	4.79	ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Boron	10-1	68.02	73.38	72.48	71.29	4.03	ppb
Boron	11-1	74.84	78.59	80.52	77.98	3.70	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.01	-0.02	-0.04	-0.02		ppb
Cadmium	106-1	-4.59	-3.59	-6.49	-4.89		ppb
Cadmium	108-1	-0.07	-0.07	-0.13	-0.09		ppb
Calcium	43-1	23493.61	24182.75	24510.05	24062.13	2.16	ppb
Calcium	44-1	24884.82	24992.06	25105.76	24994.21	0.44	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.22	2.38	2.37	2.32	3.85	ppb
Cobalt	59-2	0.45	0.44	0.45	0.45	1.90	ppb
Copper	63-2	5.80	5.70	5.87	5.79	1.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				104		%
Indium	115-1				110		%
Indium	115-2				105		%
Iron	54-2	954.60	950.03	979.72	961.45	1.66	ppb
Iron	56-2	995.09	1008.83	1031.73	1011.88	1.83	ppb
Iron	57-2	963.58	980.62	1011.28	985.16	2.45	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M4080-04	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 12:39:21	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.50	1.41	1.47	1.46	2.95	ppb
Lead	207-1	1.43	1.37	1.36	1.39	2.76	ppb
Lead	208-1	1.40	1.36	1.39	1.38	1.53	ppb
Lithium	6-1				101		%
Magnesium	24-2	10108.93	10089.19	10173.93	10124.02	0.44	ppb
Manganese	55-2	102.49	104.51	105.44	104.15	1.45	ppb
Molybdenum	94-1	0.91	0.93	1.04	0.96	7.04	ppb
Molybdenum	95-1	0.98	0.96	1.00	0.98	2.17	ppb
Molybdenum	96-1	0.96	1.02	1.05	1.01	4.82	ppb
Molybdenum	97-1	1.06	0.93	1.05	1.01	7.30	ppb
Molybdenum	98-1	0.96	1.00	0.97	0.98	1.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.15	2.09	2.07	2.10	1.76	ppb
Phosphorus	31-2	694.88	596.26	640.82	643.99	7.67	ppb
Potassium	39-2	3091.25	3195.99	3159.43	3148.89	1.69	ppb
Rhodium	103-1				109		%
Rhodium	103-2				102		%
Scandium	45-1				112		%
Scandium	45-2				105		%
Selenium	82-1	0.29	0.82	0.17	0.43	80.92	ppb
Selenium	77-2	-0.25	-0.24	-0.23	-0.24		ppb
Selenium	78-2	0.35	0.80	0.75	0.63	39.00	ppb
Silicon	28-1	3680.04	3658.38	3784.97	3707.80	1.83	ppb
Silver	107-1	0.01	0.02	0.02	0.02	25.38	ppb
Silver	109-1	0.02	0.02	0.02	0.02	12.62	ppb
Sodium	23-2	33722.37	33263.52	34304.17	33763.35	1.54	ppb
Strontium	86-1	142.99	142.61	144.41	143.34	0.66	ppb
Strontium	88-1	145.42	147.71	147.68	146.94	0.89	ppb
Sulfur	34-1	10182.01	9610.43	10331.45	10041.30	3.79	ppb
Terbium	159-1				109		%
Terbium	159-2				105		%
Thallium	203-1	-0.02	-0.02	-0.01	-0.02		ppb
Thallium	205-1	0.00	-0.02	-0.01	-0.01		ppb
Tin	118-1	0.25	0.25	0.26	0.25	1.05	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M4080-04	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 12:39:21	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	12.68	12.97	12.64	12.76	1.42	ppb
Uranium	238-1	0.23	0.23	0.23	0.23	1.12	ppb
Vanadium	51-2	1.57	1.59	1.62	1.59	1.70	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				114		%
Yttrium	89-2				105		%
Zinc	66-2	28.15	27.84	28.87	28.29	1.87	ppb
Zirconium	90-1	0.12	0.13	0.13	0.13	6.73	ppb
Zirconium	91-1	0.13	0.10	0.12	0.12	13.97	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M4080-06	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 12:42:17	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	234.44	228.16	231.61	231.40	1.36	ppb
Antimony	121-1	0.13	0.11	0.14	0.13	12.62	ppb
Arsenic	75-2	0.56	0.52	0.49	0.52	6.12	ppb
Barium	135-1	43.92	44.43	54.67	47.67	12.72	ppb
Barium	137-1	44.93	44.01	53.30	47.41	10.79	ppb
Beryllium	9-1	0.02	0.02	0.03	0.02	25.84	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Boron	10-1	47.58	49.35	60.28	52.40	13.13	ppb
Boron	11-1	53.04	54.96	65.78	57.93	11.85	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.04	-0.04	-0.02	-0.03		ppb
Cadmium	106-1	-3.40	-5.03	-3.15	-3.86		ppb
Cadmium	108-1	-0.11	-0.04	-0.10	-0.08		ppb
Calcium	43-1	22367.86	21450.08	26172.11	23330.01	10.73	ppb
Calcium	44-1	22543.88	22108.54	26893.10	23848.51	11.09	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.55	0.49	0.51	0.51	6.28	ppb
Cobalt	59-2	0.23	0.24	0.25	0.24	4.59	ppb
Copper	63-2	1.49	1.39	1.41	1.43	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				106		%
Indium	115-1				106		%
Indium	115-2				106		%
Iron	54-2	417.84	407.90	405.33	410.36	1.61	ppb
Iron	56-2	416.08	403.40	405.07	408.18	1.69	ppb
Iron	57-2	414.99	412.24	409.75	412.33	0.63	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M4080-06	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 12:42:17	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.54	0.52	0.61	0.56	7.86	ppb
Lead	207-1	0.50	0.52	0.66	0.56	15.59	ppb
Lead	208-1	0.51	0.51	0.63	0.55	12.72	ppb
Lithium	6-1				98		%
Magnesium	24-2	9776.99	9340.65	9446.31	9521.32	2.39	ppb
Manganese	55-2	43.95	41.39	41.88	42.41	3.20	ppb
Molybdenum	94-1	0.35	0.44	0.45	0.41	12.97	ppb
Molybdenum	95-1	0.40	0.43	0.48	0.44	9.45	ppb
Molybdenum	96-1	0.37	0.40	0.51	0.43	17.44	ppb
Molybdenum	97-1	0.44	0.48	0.51	0.48	6.75	ppb
Molybdenum	98-1	0.39	0.42	0.47	0.43	9.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.61	0.57	0.68	0.62	8.68	ppb
Phosphorus	31-2	53.37	37.88	48.88	46.71	17.07	ppb
Potassium	39-2	2359.35	2265.84	2275.27	2300.15	2.24	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				107		%
Scandium	45-2				105		%
Selenium	82-1	0.23	0.37	-0.05	0.18	114.84	ppb
Selenium	77-2	-0.24	-0.25	-0.85	-0.45		ppb
Selenium	78-2	0.00	0.28	0.32	0.20	86.31	ppb
Silicon	28-1	3897.46	3729.80	4413.53	4013.60	8.88	ppb
Silver	107-1	-0.01	-0.01	0.00	-0.01		ppb
Silver	109-1	-0.01	-0.01	-0.01	-0.01		ppb
Sodium	23-2	27737.22	25980.88	26618.25	26778.78	3.32	ppb
Strontium	86-1	129.66	135.87	154.24	139.92	9.13	ppb
Strontium	88-1	132.92	134.08	156.77	141.26	9.52	ppb
Sulfur	34-1	7052.36	6243.72	10284.27	7860.12	27.20	ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	-0.01	-0.03	-0.01	-0.02		ppb
Thallium	205-1	-0.01	-0.02	-0.01	-0.01		ppb
Tin	118-1	0.04	0.02	0.08	0.05	60.99	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M4080-06	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 12:42:17	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	7.34	7.82	8.47	7.88	7.21	ppb
Uranium	238-1	0.23	0.23	0.28	0.25	12.25	ppb
Vanadium	51-2	1.18	1.12	1.03	1.11	6.72	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				106		%
Zinc	66-2	33.76	33.19	32.68	33.21	1.63	ppb
Zirconium	90-1	0.07	0.06	0.08	0.07	14.55	ppb
Zirconium	91-1	0.06	0.06	0.06	0.06	2.87	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	CCV68	Instrumnet Name :	P8
Client Sample ID :	CCV68	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 12:47:49	DataFile Name :	035CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50162.58	48471.96	49622.94	49419.16	1.75	ppb
Antimony	121-1	507.64	512.89	503.29	507.94	0.95	ppb
Arsenic	75-2	507.27	499.41	489.05	498.58	1.83	ppb
Barium	135-1	2569.89	2539.19	2542.69	2550.59	0.66	ppb
Barium	137-1	2529.89	2575.33	2549.47	2551.57	0.89	ppb
Beryllium	9-1	492.94	495.68	484.27	490.96	1.21	ppb
Bismuth	209-1				96		%
Bismuth	209-2				94		%
Boron	10-1	479.12	498.68	502.77	493.52	2.56	ppb
Boron	11-1	511.08	525.86	547.80	528.25	3.50	ppb
Bromine	81-1						cps
Cadmium	111-1	518.95	531.69	528.88	526.51	1.27	ppb
Cadmium	106-1	530.26	529.81	509.83	523.30	2.23	ppb
Cadmium	108-1	533.11	529.22	525.17	529.16	0.75	ppb
Calcium	43-1	241861.08	246374.63	243661.66	243965.79	0.93	ppb
Calcium	44-1	247323.57	248757.35	242272.97	246117.97	1.38	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	493.81	487.63	474.66	485.37	2.01	ppb
Cobalt	59-2	500.04	477.07	477.34	484.81	2.72	ppb
Copper	63-2	4868.51	4838.97	4929.01	4878.83	0.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	54-2	129634.34	130813.89	124633.60	128360.61	2.56	ppb
Iron	56-2	130163.47	128578.08	123435.06	127392.21	2.76	ppb
Iron	57-2	130596.88	128266.11	127406.53	128756.50	1.28	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	CCV68	Instrumnet Name :	P8
Client Sample ID :	CCV68	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 12:47:49	DataFile Name :	035CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2582.62	2562.30	2510.27	2551.73	1.46	ppb
Lead	207-1	2524.25	2557.54	2494.83	2525.54	1.24	ppb
Lead	208-1	2517.70	2552.62	2493.66	2521.33	1.18	ppb
Lithium	6-1				95		%
Magnesium	24-2	256352.89	254707.84	250917.51	253992.75	1.10	ppb
Manganese	55-2	5107.27	5120.87	4843.14	5023.76	3.12	ppb
Molybdenum	94-1	2573.27	2536.69	2425.35	2511.77	3.07	ppb
Molybdenum	95-1	2582.03	2527.68	2387.13	2498.95	4.02	ppb
Molybdenum	96-1	2493.37	2502.45	2414.28	2470.03	1.96	ppb
Molybdenum	97-1	2485.30	2503.44	2374.66	2454.47	2.84	ppb
Molybdenum	98-1	2518.76	2485.81	2368.64	2457.74	3.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	477.35	476.32	463.92	472.53	1.58	ppb
Phosphorus	31-2	9752.01	9638.93	9593.17	9661.37	0.85	ppb
Potassium	39-2	129034.25	128451.35	124645.47	127377.02	1.87	ppb
Rhodium	103-1				97		%
Rhodium	103-2				95		%
Scandium	45-1				104		%
Scandium	45-2				103		%
Selenium	82-1	519.57	509.83	490.77	506.73	2.89	ppb
Selenium	77-2	537.83	527.76	490.80	518.79	4.77	ppb
Selenium	78-2	512.43	510.22	493.69	505.45	2.03	ppb
Silicon	28-1	550.82	585.81	582.07	572.90	3.35	ppb
Silver	107-1	536.07	523.77	507.82	522.56	2.71	ppb
Silver	109-1	525.64	526.27	520.42	524.11	0.61	ppb
Sodium	23-2	265130.95	258623.81	252874.19	258876.32	2.37	ppb
Strontium	86-1	5005.04	4938.89	4729.79	4891.24	2.94	ppb
Strontium	88-1	5005.62	4875.86	4757.53	4879.67	2.54	ppb
Sulfur	34-1	11319.21	11405.87	10933.51	11219.53	2.24	ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	516.55	527.59	507.27	517.14	1.97	ppb
Thallium	205-1	511.82	511.11	502.29	508.41	1.04	ppb
Tin	118-1	512.91	511.67	494.88	506.49	1.99	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	CCV68	Instrumnet Name :	P8
Client Sample ID :	CCV68	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 12:47:49	DataFile Name :	035CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2512.56	2542.73	2455.08	2503.46	1.78	ppb
Uranium	238-1	519.53	511.57	501.83	510.98	1.73	ppb
Vanadium	51-2	485.46	474.18	467.34	475.66	1.92	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				103		%
Zinc	66-2	4929.02	4786.33	4842.11	4852.49	1.48	ppb
Zirconium	90-1	511.66	502.76	495.25	503.22	1.63	ppb
Zirconium	91-1	533.13	506.81	495.71	511.89	3.75	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	CCB68	Instrumnet Name :	P8
Client Sample ID :	CCB68	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 12:57:12	DataFile Name :	036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.45	0.79	0.35	0.53	43.09	ppb
Antimony	121-1	0.02	0.03	0.03	0.03	17.87	ppb
Arsenic	75-2	-0.01	0.00	-0.02	-0.01		ppb
Barium	135-1	0.03	0.04	0.01	0.03	53.92	ppb
Barium	137-1	0.00	0.02	0.01	0.01	67.42	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	46.01	ppb
Bismuth	209-1				102		%
Bismuth	209-2				98		%
Boron	10-1	14.90	14.18	13.76	14.28	4.04	ppb
Boron	11-1	15.38	15.58	14.36	15.11	4.31	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.06	-0.07	-0.09	-0.07		ppb
Cadmium	106-1	-5.83	-7.15	-8.28	-7.09		ppb
Cadmium	108-1	-0.08	-0.13	-0.21	-0.14		ppb
Calcium	43-1	-1.46	-1.07	-1.46	-1.33		ppb
Calcium	44-1	-1.74	-0.67	-3.12	-1.84		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.04	0.01	0.06	0.04	61.25	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	93.17	ppb
Copper	63-2	0.01	0.00	-0.01	0.00	510.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				98		%
Indium	115-1				105		%
Indium	115-2				100		%
Iron	54-2	-0.31	1.47	0.60	0.59	150.86	ppb
Iron	56-2	0.66	0.72	0.78	0.72	8.44	ppb
Iron	57-2	0.36	-0.58	-0.27	-0.16		ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	CCB68	Instrumnet Name :	P8
Client Sample ID :	CCB68	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 12:57:12	DataFile Name :	036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.03	0.01	0.03	0.02	56.74	ppb
Lead	207-1	0.03	-0.01	0.03	0.02	113.43	ppb
Lead	208-1	0.02	0.00	0.01	0.01	71.08	ppb
Lithium	6-1				96		%
Magnesium	24-2	1.00	2.36	1.60	1.65	41.44	ppb
Manganese	55-2	0.00	0.02	0.01	0.01	84.10	ppb
Molybdenum	94-1	0.04	0.06	0.03	0.04	28.42	ppb
Molybdenum	95-1	0.04	0.04	0.03	0.04	12.35	ppb
Molybdenum	96-1	0.04	0.02	0.01	0.02	63.66	ppb
Molybdenum	97-1	0.05	0.03	0.02	0.04	42.45	ppb
Molybdenum	98-1	0.03	0.03	0.03	0.03	10.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.03	-0.03	0.00		ppb
Phosphorus	31-2	2.25	-27.00	-3.82	-9.52		ppb
Potassium	39-2	3.12	8.84	2.27	4.74	75.31	ppb
Rhodium	103-1				105		%
Rhodium	103-2				99		%
Scandium	45-1				106		%
Scandium	45-2				99		%
Selenium	82-1	-0.17	0.15	-0.64	-0.22		ppb
Selenium	77-2	-0.85	-0.85	-0.85	-0.85		ppb
Selenium	78-2	0.43	0.31	0.76	0.50	46.53	ppb
Silicon	28-1	-8.72	-8.44	-9.74	-8.97		ppb
Silver	107-1	0.02	0.03	0.01	0.02	40.18	ppb
Silver	109-1	0.02	0.02	0.02	0.02	18.16	ppb
Sodium	23-2	11.47	17.83	12.81	14.03	23.89	ppb
Strontium	86-1	-0.02	-0.01	-0.05	-0.02		ppb
Strontium	88-1	0.03	0.02	0.02	0.02	10.30	ppb
Sulfur	34-1	-2884.31	-2910.58	-3111.82	-2968.90		ppb
Terbium	159-1				104		%
Terbium	159-2				99		%
Thallium	203-1	0.01	-0.01	0.01	0.00	471.58	ppb
Thallium	205-1	0.01	0.01	0.00	0.01	141.10	ppb
Tin	118-1	0.00	0.01	-0.01	0.00	5053.42	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	CCB68	Instrumnet Name :	P8
Client Sample ID :	CCB68	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 12:57:12	DataFile Name :	036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.02	0.03	-0.02	0.01	323.10	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	27.73	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	357.79	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				100		%
Zinc	66-2	0.09	-0.19	-0.01	-0.04		ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	17.25	ppb
Zirconium	91-1	0.00	0.00	0.02	0.01	167.89	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M4080-03MSRE	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)MSRE	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 13:48:58	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9726.55	9343.47	8914.99	9328.34	4.35	ppb
Antimony	121-1	485.84	497.56	499.80	494.40	1.52	ppb
Arsenic	75-2	502.70	467.42	465.05	478.39	4.41	ppb
Barium	135-1	2403.10	2462.82	2454.46	2440.13	1.33	ppb
Barium	137-1	2370.05	2454.65	2369.88	2398.19	2.04	ppb
Beryllium	9-1	478.55	485.32	463.46	475.78	2.35	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Boron	10-1	612.05	612.74	617.41	614.07	0.48	ppb
Boron	11-1	608.00	619.31	627.55	618.29	1.59	ppb
Bromine	81-1						cps
Cadmium	111-1	463.17	486.78	482.03	477.33	2.62	ppb
Cadmium	106-1	466.88	476.02	479.67	474.19	1.39	ppb
Cadmium	108-1	471.94	475.90	482.96	476.94	1.17	ppb
Calcium	43-1	70762.51	69317.52	69495.78	69858.60	1.13	ppb
Calcium	44-1	69788.28	69731.95	69750.83	69757.02	0.04	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	491.43	456.19	433.45	460.36	6.35	ppb
Cobalt	59-2	480.96	455.61	451.22	462.60	3.47	ppb
Copper	63-2	5182.65	5223.37	4846.90	5084.31	4.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				108		%
Indium	115-1				110		%
Indium	115-2				107		%
Iron	54-2	1297.71	1258.71	1198.27	1251.56	4.00	ppb
Iron	56-2	966.31	930.46	906.76	934.51	3.21	ppb
Iron	57-2	927.37	888.12	862.05	892.51	3.68	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M4080-03MSRE	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)MSRE	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 13:48:58	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2370.32	2339.32	2402.64	2370.76	1.34	ppb
Lead	207-1	2378.38	2363.97	2415.59	2385.98	1.12	ppb
Lead	208-1	2353.38	2349.01	2393.54	2365.31	1.04	ppb
Lithium	6-1				104		%
Magnesium	24-2	58667.13	57172.22	53844.71	56561.35	4.36	ppb
Manganese	55-2	5158.31	5057.17	4805.01	5006.83	3.63	ppb
Molybdenum	94-1	2317.58	2334.53	2332.54	2328.22	0.40	ppb
Molybdenum	95-1	2309.27	2326.71	2337.35	2324.45	0.61	ppb
Molybdenum	96-1	2257.06	2316.10	2344.43	2305.86	1.93	ppb
Molybdenum	97-1	2265.00	2308.11	2309.33	2294.14	1.10	ppb
Molybdenum	98-1	2288.57	2302.61	2292.81	2294.66	0.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	457.84	437.46	423.42	439.58	3.94	ppb
Phosphorus	31-2	687.49	511.32	536.22	578.35	16.49	ppb
Potassium	39-2	28107.67	26175.08	25024.77	26435.84	5.89	ppb
Rhodium	103-1				106		%
Rhodium	103-2				103		%
Scandium	45-1				110		%
Scandium	45-2				108		%
Selenium	82-1	475.36	477.51	489.65	480.84	1.60	ppb
Selenium	77-2	511.20	450.52	480.53	480.75	6.31	ppb
Selenium	78-2	481.53	461.69	460.03	467.75	2.56	ppb
Silicon	28-1	4195.84	4293.55	4376.93	4288.77	2.11	ppb
Silver	107-1	394.07	366.15	455.38	405.20	11.27	ppb
Silver	109-1	404.28	429.27	444.28	425.95	4.74	ppb
Sodium	23-2	82560.01	78615.47	74864.70	78680.06	4.89	ppb
Strontium	86-1	644.26	632.66	659.11	645.34	2.05	ppb
Strontium	88-1	638.31	620.60	640.57	633.16	1.73	ppb
Sulfur	34-1	9566.74	9111.60	9933.57	9537.31	4.32	ppb
Terbium	159-1				111		%
Terbium	159-2				108		%
Thallium	203-1	491.03	481.39	485.94	486.12	0.99	ppb
Thallium	205-1	477.90	472.58	481.81	477.43	0.97	ppb
Tin	118-1	477.05	484.74	485.32	482.37	0.96	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M4080-03MSRE	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)MSRE	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 13:48:58	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2331.35	2343.66	2342.12	2339.05	0.29	ppb
Uranium	238-1	474.07	457.02	467.59	466.23	1.85	ppb
Vanadium	51-2	475.63	448.88	433.41	452.64	4.72	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				109		%
Zinc	66-2	5171.50	5140.36	4801.53	5037.80	4.07	ppb
Zirconium	90-1	458.57	462.09	465.56	462.07	0.76	ppb
Zirconium	91-1	466.96	460.63	469.44	465.68	0.98	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M4080-03MSDRE	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)MSDRE	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 13:51:51	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10145.64	9547.93	9846.40	9846.66	3.04	ppb
Antimony	121-1	491.63	510.58	485.85	496.02	2.61	ppb
Arsenic	75-2	505.54	508.58	493.97	502.70	1.53	ppb
Barium	135-1	2484.85	2499.31	2411.39	2465.18	1.91	ppb
Barium	137-1	2459.71	2564.18	2412.17	2478.69	3.14	ppb
Beryllium	9-1	465.36	475.75	477.04	472.72	1.35	ppb
Bismuth	209-1				109		%
Bismuth	209-2				99		%
Boron	10-1	615.54	658.00	659.67	644.40	3.88	ppb
Boron	11-1	628.59	635.73	663.52	642.62	2.87	ppb
Bromine	81-1						cps
Cadmium	111-1	476.09	496.35	480.29	484.24	2.21	ppb
Cadmium	106-1	469.58	492.57	474.90	479.02	2.51	ppb
Cadmium	108-1	477.81	494.42	477.65	483.29	1.99	ppb
Calcium	43-1	68091.94	69509.66	68135.38	68579.00	1.18	ppb
Calcium	44-1	69299.16	70495.99	68998.27	69597.81	1.14	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	488.46	479.90	474.56	480.97	1.46	ppb
Cobalt	59-2	499.46	474.76	481.57	485.27	2.63	ppb
Copper	63-2	5452.91	5109.90	5181.70	5248.17	3.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				104		%
Indium	115-1				112		%
Indium	115-2				104		%
Iron	54-2	1341.48	1248.88	1300.30	1296.89	3.58	ppb
Iron	56-2	1011.52	950.01	968.93	976.82	3.23	ppb
Iron	57-2	969.47	925.61	933.47	942.85	2.48	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M4080-03MSDRE	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)MSDRE	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 13:51:51	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2384.69	2412.28	2436.94	2411.30	1.08	ppb
Lead	207-1	2431.81	2385.33	2351.62	2389.59	1.68	ppb
Lead	208-1	2391.45	2401.83	2368.31	2387.20	0.72	ppb
Lithium	6-1				102		%
Magnesium	24-2	58964.09	58110.42	58566.79	58547.10	0.73	ppb
Manganese	55-2	5536.78	5275.12	5330.93	5380.94	2.56	ppb
Molybdenum	94-1	2237.66	2340.08	2317.64	2298.46	2.34	ppb
Molybdenum	95-1	2265.06	2311.81	2300.16	2292.34	1.06	ppb
Molybdenum	96-1	2210.33	2298.82	2260.38	2256.51	1.97	ppb
Molybdenum	97-1	2160.32	2285.58	2274.28	2240.06	3.09	ppb
Molybdenum	98-1	2209.18	2293.08	2284.28	2262.18	2.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	472.37	447.73	458.22	459.44	2.69	ppb
Phosphorus	31-2	535.43	705.43	666.87	635.91	14.02	ppb
Potassium	39-2	28471.88	26939.20	27214.84	27541.97	2.97	ppb
Rhodium	103-1				108		%
Rhodium	103-2				100		%
Scandium	45-1				113		%
Scandium	45-2				104		%
Selenium	82-1	469.08	480.69	473.02	474.26	1.25	ppb
Selenium	77-2	488.41	497.39	485.48	490.43	1.27	ppb
Selenium	78-2	498.20	494.84	491.68	494.91	0.66	ppb
Silicon	28-1	4278.22	4155.04	4123.45	4185.57	1.95	ppb
Silver	107-1	437.40	440.92	392.53	423.62	6.37	ppb
Silver	109-1	360.03	375.41	445.41	393.62	11.56	ppb
Sodium	23-2	83893.78	81956.29	81288.11	82379.39	1.64	ppb
Strontium	86-1	610.10	637.85	628.15	625.37	2.25	ppb
Strontium	88-1	602.75	632.74	631.27	622.25	2.72	ppb
Sulfur	34-1	11372.04	8105.21	10526.39	10001.21	16.95	ppb
Terbium	159-1				112		%
Terbium	159-2				104		%
Thallium	203-1	471.44	491.41	480.23	481.03	2.08	ppb
Thallium	205-1	475.42	485.71	476.14	479.09	1.20	ppb
Tin	118-1	478.53	491.04	484.90	484.82	1.29	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M4080-03MSDRE	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)MSDRE	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 13:51:51	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2314.30	2334.79	2313.32	2320.80	0.52	ppb
Uranium	238-1	457.66	467.85	473.17	466.23	1.69	ppb
Vanadium	51-2	489.12	460.41	472.49	474.00	3.04	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				116		%
Yttrium	89-2				105		%
Zinc	66-2	5404.35	5142.07	5231.83	5259.42	2.53	ppb
Zirconium	90-1	442.68	460.62	460.31	454.54	2.26	ppb
Zirconium	91-1	452.01	461.71	466.88	460.20	1.64	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M4080-03ARE	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)ARE	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 13:55:00	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9662.59	9468.82	10008.06	9713.16	2.81	ppb
Antimony	121-1	496.97	489.92	506.57	497.82	1.68	ppb
Arsenic	75-2	489.01	483.53	511.52	494.68	3.00	ppb
Barium	135-1	2481.39	2443.09	2489.73	2471.40	1.01	ppb
Barium	137-1	2474.41	2410.52	2519.89	2468.27	2.23	ppb
Beryllium	9-1	471.00	493.19	482.30	482.16	2.30	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Boron	10-1	623.40	671.46	691.43	662.10	5.28	ppb
Boron	11-1	614.08	657.99	689.15	653.74	5.77	ppb
Bromine	81-1						cps
Cadmium	111-1	484.25	482.17	499.62	488.68	1.95	ppb
Cadmium	106-1	476.59	468.26	497.77	480.87	3.16	ppb
Cadmium	108-1	481.59	482.03	495.68	486.43	1.65	ppb
Calcium	43-1	68605.44	67106.49	69321.78	68344.57	1.65	ppb
Calcium	44-1	69717.87	68820.32	69866.87	69468.35	0.81	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	470.20	464.29	496.73	477.07	3.62	ppb
Cobalt	59-2	479.72	466.36	504.54	483.54	4.01	ppb
Copper	63-2	5088.60	4988.72	5429.31	5168.88	4.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				107		%
Indium	115-1				109		%
Indium	115-2				106		%
Iron	54-2	1266.72	1242.61	1315.37	1274.90	2.91	ppb
Iron	56-2	962.98	924.27	990.08	959.11	3.45	ppb
Iron	57-2	932.62	928.51	982.38	947.84	3.16	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M4080-03ARE	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)ARE	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 13:55:00	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2342.22	2432.54	2324.52	2366.43	2.45	ppb
Lead	207-1	2344.59	2395.81	2329.51	2356.63	1.47	ppb
Lead	208-1	2338.33	2403.44	2338.50	2360.09	1.59	ppb
Lithium	6-1				97		%
Magnesium	24-2	58705.86	55363.91	60345.47	58138.41	4.37	ppb
Manganese	55-2	5227.59	5175.24	5468.73	5290.52	2.96	ppb
Molybdenum	94-1	2234.94	2306.88	2284.15	2275.32	1.62	ppb
Molybdenum	95-1	2247.91	2326.81	2291.27	2288.66	1.73	ppb
Molybdenum	96-1	2251.37	2294.22	2274.62	2273.40	0.94	ppb
Molybdenum	97-1	2273.87	2242.86	2261.78	2259.50	0.69	ppb
Molybdenum	98-1	2292.50	2275.23	2275.77	2281.17	0.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	454.94	444.58	470.48	456.66	2.86	ppb
Phosphorus	31-2	638.25	672.74	644.22	651.74	2.83	ppb
Potassium	39-2	27332.75	27032.38	27880.17	27415.10	1.57	ppb
Rhodium	103-1				105		%
Rhodium	103-2				102		%
Scandium	45-1				110		%
Scandium	45-2				107		%
Selenium	82-1	475.70	486.98	481.65	481.44	1.17	ppb
Selenium	77-2	518.84	508.95	509.82	512.53	1.07	ppb
Selenium	78-2	481.04	466.97	496.97	481.66	3.12	ppb
Silicon	28-1	4389.50	4165.95	4355.91	4303.79	2.80	ppb
Silver	107-1	449.41	429.21	502.29	460.30	8.20	ppb
Silver	109-1	427.32	528.18	431.96	462.49	12.31	ppb
Sodium	23-2	82207.98	78455.03	84938.06	81867.02	3.98	ppb
Strontium	86-1	617.14	642.32	624.17	627.88	2.07	ppb
Strontium	88-1	614.81	628.11	632.80	625.24	1.49	ppb
Sulfur	34-1	11549.44	11402.23	12082.80	11678.16	3.07	ppb
Terbium	159-1				108		%
Terbium	159-2				107		%
Thallium	203-1	471.91	491.81	486.21	483.31	2.12	ppb
Thallium	205-1	458.28	488.90	471.81	472.99	3.24	ppb
Tin	118-1	482.93	495.00	495.56	491.16	1.45	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M4080-03ARE	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)ARE	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 13:55:00	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2279.41	2312.48	2333.27	2308.39	1.18	ppb
Uranium	238-1	457.68	462.54	460.85	460.36	0.54	ppb
Vanadium	51-2	466.62	456.14	507.19	476.65	5.66	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				108		%
Zinc	66-2	5061.81	5012.59	5396.00	5156.80	4.05	ppb
Zirconium	90-1	457.01	459.72	449.77	455.50	1.13	ppb
Zirconium	91-1	457.05	477.77	457.10	463.98	2.58	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M3865-01	Instrumnet Name :	P8
Client Sample ID :	KITCHEN-DRAW-1-COP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 14:02:00	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23.16	23.25	23.41	23.27	0.56	ppb
Antimony	121-1	0.16	0.16	0.20	0.17	12.88	ppb
Arsenic	75-2	0.22	0.18	0.23	0.21	12.63	ppb
Barium	135-1	40.16	39.60	40.00	39.92	0.72	ppb
Barium	137-1	40.09	40.33	40.89	40.44	1.02	ppb
Beryllium	9-1	0.01	0.02	0.03	0.02	40.48	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Boron	10-1	56.55	58.48	61.18	58.74	3.96	ppb
Boron	11-1	61.10	63.23	63.95	62.76	2.36	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.06	-0.04	-0.05	-0.05		ppb
Cadmium	106-1	-8.87	-6.00	-5.84	-6.90		ppb
Cadmium	108-1	0.10	-0.05	-0.01	0.01	544.13	ppb
Calcium	43-1	24754.06	26625.33	26738.64	26039.34	4.28	ppb
Calcium	44-1	25995.91	26365.28	26807.06	26389.42	1.54	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.67	0.58	0.70	0.65	9.61	ppb
Cobalt	59-2	0.41	0.43	0.42	0.42	1.44	ppb
Copper	63-2	269.02	266.34	265.79	267.05	0.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				104		%
Indium	115-1				108		%
Indium	115-2				107		%
Iron	54-2	10.24	11.11	11.56	10.97	6.11	ppb
Iron	56-2	11.23	11.28	11.16	11.22	0.56	ppb
Iron	57-2	17.98	19.38	18.08	18.48	4.22	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M3865-01	Instrumnet Name :	P8
Client Sample ID :	KITCHEN-DRAW-1-COP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 14:02:00	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.21	0.20	0.21	0.20	1.47	ppb
Lead	207-1	0.19	0.21	0.22	0.21	7.28	ppb
Lead	208-1	0.20	0.19	0.20	0.20	2.48	ppb
Lithium	6-1				99		%
Magnesium	24-2	9511.08	9474.65	9524.27	9503.33	0.27	ppb
Manganese	55-2	5.53	5.36	5.42	5.44	1.58	ppb
Molybdenum	94-1	0.58	0.62	0.68	0.63	8.08	ppb
Molybdenum	95-1	0.63	0.70	0.69	0.68	5.50	ppb
Molybdenum	96-1	0.64	0.65	0.64	0.65	0.45	ppb
Molybdenum	97-1	0.72	0.68	0.72	0.71	2.99	ppb
Molybdenum	98-1	0.63	0.70	0.61	0.65	7.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.30	7.52	7.54	7.45	1.83	ppb
Phosphorus	31-2	594.88	613.26	598.76	602.30	1.61	ppb
Potassium	39-2	2398.87	2364.33	2365.82	2376.34	0.82	ppb
Rhodium	103-1				107		%
Rhodium	103-2				103		%
Scandium	45-1				112		%
Scandium	45-2				105		%
Selenium	82-1	-0.10	0.06	-0.01	-0.02		ppb
Selenium	77-2	0.34	-0.24	0.34	0.15	229.27	ppb
Selenium	78-2	0.89	0.70	-0.15	0.48	116.13	ppb
Silicon	28-1	2914.62	2990.76	2921.01	2942.13	1.44	ppb
Silver	107-1	0.18	0.18	0.17	0.18	2.87	ppb
Silver	109-1	0.21	0.20	0.17	0.19	10.50	ppb
Sodium	23-2	40778.10	39514.13	40760.19	40350.81	1.80	ppb
Strontium	86-1	129.90	135.52	133.91	133.11	2.17	ppb
Strontium	88-1	134.52	135.49	137.41	135.80	1.08	ppb
Sulfur	34-1	27161.58	27518.09	27129.97	27269.88	0.79	ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	0.04	0.03	0.03	0.03	6.59	ppb
Thallium	205-1	0.03	0.04	0.05	0.04	27.13	ppb
Tin	118-1	0.14	0.13	0.15	0.14	6.53	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M3865-01	Instrumnet Name :	P8
Client Sample ID :	KITCHEN-DRAW-1-COP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 14:02:00	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.36	0.39	0.39	0.38	4.16	ppb
Uranium	238-1	0.03	0.02	0.03	0.03	5.05	ppb
Vanadium	51-2	0.36	0.37	0.42	0.38	8.60	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				106		%
Zinc	66-2	467.92	461.04	470.02	466.33	1.01	ppb
Zirconium	90-1	0.10	0.10	0.10	0.10	2.77	ppb
Zirconium	91-1	0.10	0.11	0.11	0.11	9.02	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M3865-01DUP	Instrumnet Name :	P8
Client Sample ID :	KITCHEN-DRAW-1-COP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 14:04:55	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.85	23.86	24.49	23.73	3.49	ppb
Antimony	121-1	0.12	0.11	0.12	0.12	3.42	ppb
Arsenic	75-2	0.26	0.20	0.17	0.21	20.43	ppb
Barium	135-1	36.90	38.20	39.13	38.08	2.95	ppb
Barium	137-1	37.32	38.46	39.18	38.32	2.45	ppb
Beryllium	9-1	0.02	0.02	0.02	0.02	13.12	ppb
Bismuth	209-1				109		%
Bismuth	209-2				101		%
Boron	10-1	52.84	55.77	55.49	54.70	2.96	ppb
Boron	11-1	57.90	59.74	61.54	59.73	3.05	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.03	-0.06	-0.06	-0.05		ppb
Cadmium	106-1	-5.08	-5.96	-6.06	-5.70		ppb
Cadmium	108-1	0.10	0.23	0.15	0.16	39.87	ppb
Calcium	43-1	23720.51	25005.41	26265.75	24997.23	5.09	ppb
Calcium	44-1	24569.63	25153.03	26765.24	25495.97	4.46	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.65	0.67	0.61	0.64	4.34	ppb
Cobalt	59-2	0.41	0.43	0.41	0.42	2.83	ppb
Copper	63-2	266.28	268.38	264.92	266.53	0.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				104		%
Indium	115-1				115		%
Indium	115-2				105		%
Iron	54-2	9.75	12.78	10.61	11.04	14.13	ppb
Iron	56-2	10.91	11.00	10.40	10.77	2.98	ppb
Iron	57-2	15.31	15.13	17.21	15.89	7.24	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M3865-01DUP	Instrumnet Name :	P8
Client Sample ID :	KITCHEN-DRAW-1-COP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 14:04:55	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.14	0.19	0.16	0.17	14.26	ppb
Lead	207-1	0.19	0.18	0.16	0.17	10.20	ppb
Lead	208-1	0.16	0.16	0.16	0.16	1.17	ppb
Lithium	6-1				101		%
Magnesium	24-2	9437.98	9904.63	9503.85	9615.49	2.63	ppb
Manganese	55-2	5.13	5.61	5.37	5.37	4.42	ppb
Molybdenum	94-1	0.54	0.60	0.63	0.59	8.10	ppb
Molybdenum	95-1	0.55	0.62	0.57	0.58	6.40	ppb
Molybdenum	96-1	0.54	0.62	0.61	0.59	7.44	ppb
Molybdenum	97-1	0.54	0.62	0.55	0.57	7.49	ppb
Molybdenum	98-1	0.58	0.58	0.60	0.59	1.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.58	7.59	7.57	7.58	0.18	ppb
Phosphorus	31-2	598.14	539.55	506.91	548.20	8.43	ppb
Potassium	39-2	2374.34	2425.04	2331.38	2376.92	1.97	ppb
Rhodium	103-1				112		%
Rhodium	103-2				102		%
Scandium	45-1				114		%
Scandium	45-2				105		%
Selenium	82-1	0.42	0.31	0.01	0.25	85.94	ppb
Selenium	77-2	-0.24	-0.85	0.92	-0.05		ppb
Selenium	78-2	0.90	-0.01	1.01	0.63	88.79	ppb
Silicon	28-1	2772.29	2868.67	2969.97	2870.31	3.44	ppb
Silver	107-1	0.10	0.12	0.10	0.11	7.41	ppb
Silver	109-1	0.12	0.10	0.12	0.11	11.68	ppb
Sodium	23-2	40099.87	40865.27	40448.04	40471.06	0.95	ppb
Strontium	86-1	124.74	128.12	129.76	127.54	2.01	ppb
Strontium	88-1	129.32	129.91	136.03	131.75	2.82	ppb
Sulfur	34-1	24847.21	26882.52	27697.93	26475.88	5.55	ppb
Terbium	159-1				112		%
Terbium	159-2				105		%
Thallium	203-1	0.02	0.02	0.03	0.02	14.85	ppb
Thallium	205-1	0.01	0.02	0.03	0.02	25.21	ppb
Tin	118-1	0.11	0.12	0.14	0.12	14.75	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M3865-01DUP	Instrumnet Name :	P8
Client Sample ID :	KITCHEN-DRAW-1-COP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 14:04:55	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.38	0.33	0.39	0.37	8.14	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	6.32	ppb
Vanadium	51-2	0.38	0.35	0.37	0.36	3.24	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				115		%
Yttrium	89-2				106		%
Zinc	66-2	469.12	466.25	465.84	467.07	0.38	ppb
Zirconium	90-1	0.08	0.08	0.09	0.09	5.12	ppb
Zirconium	91-1	0.11	0.10	0.09	0.10	10.95	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M3865-01LX5	Instrumnet Name :	P8
Client Sample ID :	KITCHEN-DRAW-1-COP	Dilution Factor :	5
Date & Time Acquired ::	2021-10-06 14:07:52	DataFile Name :	043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.37	6.80	5.87	6.01	12.05	ppb
Antimony	121-1	0.03	0.06	0.04	0.04	27.03	ppb
Arsenic	75-2	0.03	0.07	0.03	0.04	47.84	ppb
Barium	135-1	7.65	7.90	7.99	7.85	2.25	ppb
Barium	137-1	7.58	8.24	8.30	8.04	5.00	ppb
Beryllium	9-1	0.01	0.02	0.01	0.01	48.20	ppb
Bismuth	209-1				107		%
Bismuth	209-2				98		%
Boron	10-1	21.29	23.52	24.03	22.95	6.36	ppb
Boron	11-1	23.19	25.14	25.60	24.64	5.19	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.06	-0.07	-0.05	-0.06		ppb
Cadmium	106-1	-6.79	-6.55	-5.51	-6.28		ppb
Cadmium	108-1	-0.05	-0.13	-0.06	-0.08		ppb
Calcium	43-1	4894.58	5088.54	5050.44	5011.19	2.05	ppb
Calcium	44-1	5092.01	5190.99	5356.97	5213.32	2.57	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.11	0.20	0.14	0.15	33.50	ppb
Cobalt	59-2	0.08	0.09	0.08	0.09	3.74	ppb
Copper	63-2	53.47	63.30	54.04	56.93	9.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				98		%
Indium	115-1				112		%
Indium	115-2				100		%
Iron	54-2	3.84	3.56	3.01	3.47	12.13	ppb
Iron	56-2	2.68	3.63	2.95	3.09	15.92	ppb
Iron	57-2	4.34	5.35	1.79	3.83	47.93	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M3865-01LX5	Instrumnet Name :	P8
Client Sample ID :	KITCHEN-DRAW-1-COP	Dilution Factor :	5
Date & Time Acquired ::	2021-10-06 14:07:52	DataFile Name :	043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.08	0.06	0.07	0.07	9.43	ppb
Lead	207-1	0.06	0.06	0.07	0.07	12.10	ppb
Lead	208-1	0.06	0.06	0.07	0.06	11.80	ppb
Lithium	6-1				100		%
Magnesium	24-2	1846.06	2219.04	1916.30	1993.80	9.94	ppb
Manganese	55-2	1.14	1.25	1.10	1.16	6.87	ppb
Molybdenum	94-1	0.14	0.17	0.15	0.16	7.63	ppb
Molybdenum	95-1	0.14	0.20	0.19	0.18	17.43	ppb
Molybdenum	96-1	0.14	0.15	0.17	0.15	11.23	ppb
Molybdenum	97-1	0.17	0.21	0.17	0.18	14.28	ppb
Molybdenum	98-1	0.17	0.17	0.15	0.16	8.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.56	1.80	1.52	1.63	9.34	ppb
Phosphorus	31-2	90.47	132.14	133.24	118.62	20.55	ppb
Potassium	39-2	462.40	582.27	481.66	508.77	12.65	ppb
Rhodium	103-1				111		%
Rhodium	103-2				97		%
Scandium	45-1				111		%
Scandium	45-2				99		%
Selenium	82-1	-0.02	-0.16	0.11	-0.02		ppb
Selenium	77-2	-0.25	0.60	-0.85	-0.17		ppb
Selenium	78-2	-0.39	1.11	-0.21	0.17	477.76	ppb
Silicon	28-1	565.53	568.89	588.83	574.42	2.19	ppb
Silver	107-1	0.15	0.12	0.10	0.12	22.65	ppb
Silver	109-1	0.17	0.12	0.09	0.13	29.86	ppb
Sodium	23-2	8198.61	9273.93	8382.36	8618.30	6.67	ppb
Strontium	86-1	25.12	27.37	26.11	26.20	4.30	ppb
Strontium	88-1	25.37	27.23	26.67	26.42	3.62	ppb
Sulfur	34-1	3144.71	3809.70	3937.59	3630.67	11.72	ppb
Terbium	159-1				110		%
Terbium	159-2				99		%
Thallium	203-1	0.01	0.02	-0.01	0.01	163.58	ppb
Thallium	205-1	0.00	0.02	0.01	0.01	67.57	ppb
Tin	118-1	0.06	0.08	0.13	0.09	39.56	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M3865-01LX5	Instrumnet Name :	P8
Client Sample ID :	KITCHEN-DRAW-1-COP	Dilution Factor :	5
Date & Time Acquired ::	2021-10-06 14:07:52	DataFile Name :	043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.17	0.14	0.15	0.15	9.52	ppb
Uranium	238-1	0.00	0.01	0.01	0.01	30.92	ppb
Vanadium	51-2	0.08	0.09	0.08	0.08	9.40	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				113		%
Yttrium	89-2				99		%
Zinc	66-2	94.61	113.39	95.20	101.06	10.56	ppb
Zirconium	90-1	0.01	0.02	0.01	0.01	35.05	ppb
Zirconium	91-1	0.02	0.02	0.00	0.02	70.84	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M3865-01MS	Instrumnet Name :	P8
Client Sample ID :	KITCHEN-DRAW-1-COP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 14:25:04	DataFile Name :	046AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10452.07	9541.15	9446.06	9813.09	5.66	ppb
Antimony	121-1	479.49	491.91	494.24	488.55	1.62	ppb
Arsenic	75-2	542.33	508.60	489.53	513.49	5.21	ppb
Barium	135-1	2386.94	2470.83	2440.99	2432.92	1.75	ppb
Barium	137-1	2409.79	2425.56	2448.07	2427.80	0.79	ppb
Beryllium	9-1	461.87	469.37	468.30	466.51	0.87	ppb
Bismuth	209-1				104		%
Bismuth	209-2				96		%
Boron	10-1	565.04	584.29	588.35	579.23	2.15	ppb
Boron	11-1	590.38	618.46	626.89	611.91	3.12	ppb
Bromine	81-1						cps
Cadmium	111-1	482.86	472.18	488.82	481.29	1.75	ppb
Cadmium	106-1	465.66	469.96	482.43	472.68	1.84	ppb
Cadmium	108-1	465.01	466.60	484.13	471.91	2.25	ppb
Calcium	43-1	68944.45	71017.44	70566.70	70176.20	1.55	ppb
Calcium	44-1	68313.77	70125.79	69679.25	69372.94	1.36	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	529.01	487.68	479.39	498.69	5.33	ppb
Cobalt	59-2	543.99	485.38	495.90	508.42	6.15	ppb
Copper	63-2	6069.92	5681.63	5467.66	5739.74	5.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				101		%
Indium	115-1				109		%
Indium	115-2				97		%
Iron	54-2	430.49	400.97	391.98	407.81	4.94	ppb
Iron	56-2	15.45	14.54	14.51	14.83	3.59	ppb
Iron	57-2	28.19	29.91	31.14	29.75	4.97	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M3865-01MS	Instrumnet Name :	P8
Client Sample ID :	KITCHEN-DRAW-1-COP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 14:25:04	DataFile Name :	046AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2208.00	2289.84	2187.91	2228.58	2.42	ppb
Lead	207-1	2226.64	2302.44	2205.00	2244.70	2.28	ppb
Lead	208-1	2214.78	2270.81	2201.49	2229.03	1.65	ppb
Lithium	6-1				98		%
Magnesium	24-2	62713.30	57576.21	57516.74	59268.75	5.03	ppb
Manganese	55-2	5932.76	5289.41	5342.80	5521.66	6.47	ppb
Molybdenum	94-1	2284.82	2333.00	2253.28	2290.36	1.75	ppb
Molybdenum	95-1	2277.78	2355.40	2297.59	2310.26	1.75	ppb
Molybdenum	96-1	2333.22	2346.44	2249.56	2309.74	2.27	ppb
Molybdenum	97-1	2293.02	2319.17	2243.11	2285.10	1.69	ppb
Molybdenum	98-1	2252.30	2314.15	2256.19	2274.21	1.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	510.87	464.65	456.10	477.21	6.17	ppb
Phosphorus	31-2	648.53	554.54	460.55	554.54	16.95	ppb
Potassium	39-2	29402.53	27289.56	27268.23	27986.77	4.38	ppb
Rhodium	103-1				105		%
Rhodium	103-2				96		%
Scandium	45-1				111		%
Scandium	45-2				100		%
Selenium	82-1	477.46	482.91	473.58	477.98	0.98	ppb
Selenium	77-2	501.95	507.44	472.21	493.87	3.84	ppb
Selenium	78-2	532.87	502.27	482.31	505.82	5.03	ppb
Silicon	28-1	3289.32	3195.94	3068.41	3184.56	3.48	ppb
Silver	107-1	393.53	350.18	429.08	390.93	10.11	ppb
Silver	109-1	437.46	407.60	435.22	426.76	3.90	ppb
Sodium	23-2	95513.70	86127.68	87584.35	89741.91	5.63	ppb
Strontium	86-1	4799.80	4946.62	4719.67	4822.03	2.39	ppb
Strontium	88-1	4881.43	4892.04	4767.68	4847.05	1.42	ppb
Sulfur	34-1	25507.93	24847.86	22641.18	24332.32	6.17	ppb
Terbium	159-1				108		%
Terbium	159-2				101		%
Thallium	203-1	488.13	488.07	474.69	483.63	1.60	ppb
Thallium	205-1	473.19	475.73	461.58	470.17	1.60	ppb
Tin	118-1	463.22	478.57	480.47	474.09	2.00	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M3865-01MS	Instrumnet Name :	P8
Client Sample ID :	KITCHEN-DRAW-1-COP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 14:25:04	DataFile Name :	046AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2294.10	2256.16	2206.32	2252.19	1.95	ppb
Uranium	238-1	456.72	464.11	455.67	458.83	1.00	ppb
Vanadium	51-2	527.46	474.39	473.16	491.67	6.30	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				102		%
Zinc	66-2	6184.19	5665.84	5723.74	5857.92	4.85	ppb
Zirconium	90-1	453.49	454.59	444.78	450.95	1.19	ppb
Zirconium	91-1	454.23	467.06	446.06	455.78	2.32	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M3865-01MSD	Instrumnet Name :	P8
Client Sample ID :	KITCHEN-DRAW-1-COP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 14:27:57	DataFile Name :	047AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8947.39	9503.94	9327.85	9259.73	3.07	ppb
Antimony	121-1	487.83	496.27	486.33	490.14	1.09	ppb
Arsenic	75-2	479.02	493.65	490.50	487.73	1.58	ppb
Barium	135-1	2411.69	2486.35	2383.69	2427.24	2.19	ppb
Barium	137-1	2402.07	2420.01	2378.17	2400.09	0.87	ppb
Beryllium	9-1	466.88	464.44	473.20	468.17	0.97	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Boron	10-1	576.69	598.26	603.29	592.75	2.38	ppb
Boron	11-1	600.83	624.17	604.21	609.74	2.07	ppb
Bromine	81-1						cps
Cadmium	111-1	484.66	484.74	482.29	483.90	0.29	ppb
Cadmium	106-1	475.76	480.27	466.58	474.21	1.47	ppb
Cadmium	108-1	467.85	481.08	480.17	476.36	1.55	ppb
Calcium	43-1	71596.95	72756.59	71584.02	71979.19	0.94	ppb
Calcium	44-1	70110.44	71143.94	69676.56	70310.31	1.07	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	463.85	477.35	467.15	469.45	1.50	ppb
Cobalt	59-2	463.72	484.65	481.22	476.53	2.36	ppb
Copper	63-2	5251.59	5576.44	5485.18	5437.74	3.08	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				107		%
Indium	115-1				109		%
Indium	115-2				105		%
Iron	54-2	374.49	393.26	383.23	383.66	2.45	ppb
Iron	56-2	15.34	15.72	15.82	15.63	1.62	ppb
Iron	57-2	28.69	32.16	31.09	30.65	5.80	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M3865-01MSD	Instrumnet Name :	P8
Client Sample ID :	KITCHEN-DRAW-1-COP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 14:27:57	DataFile Name :	047AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2198.67	2242.56	2244.81	2228.68	1.17	ppb
Lead	207-1	2176.74	2206.57	2251.00	2211.44	1.69	ppb
Lead	208-1	2175.92	2200.75	2232.76	2203.14	1.29	ppb
Lithium	6-1				99		%
Magnesium	24-2	55412.13	58679.37	57569.07	57220.19	2.90	ppb
Manganese	55-2	4992.39	5303.81	5189.05	5161.75	3.05	ppb
Molybdenum	94-1	2302.33	2315.19	2291.04	2302.85	0.52	ppb
Molybdenum	95-1	2247.13	2304.66	2288.90	2280.23	1.30	ppb
Molybdenum	96-1	2223.19	2261.83	2306.18	2263.73	1.83	ppb
Molybdenum	97-1	2223.67	2267.20	2284.01	2258.29	1.38	ppb
Molybdenum	98-1	2202.85	2299.41	2300.67	2267.64	2.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	440.35	464.15	451.72	452.07	2.63	ppb
Phosphorus	31-2	552.53	633.47	503.51	563.17	11.65	ppb
Potassium	39-2	25236.08	27319.20	26794.98	26450.09	4.10	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				109		%
Scandium	45-2				106		%
Selenium	82-1	475.25	477.82	484.95	479.34	1.05	ppb
Selenium	77-2	447.83	487.48	479.24	471.52	4.44	ppb
Selenium	78-2	475.92	485.95	477.73	479.87	1.11	ppb
Silicon	28-1	3242.07	3307.62	3291.58	3280.42	1.04	ppb
Silver	107-1	422.77	385.85	451.20	419.94	7.80	ppb
Silver	109-1	377.07	400.41	424.01	400.50	5.86	ppb
Sodium	23-2	82752.76	88016.01	85303.00	85357.26	3.08	ppb
Strontium	86-1	4851.30	4737.31	4829.94	4806.18	1.26	ppb
Strontium	88-1	4869.11	4724.92	4820.36	4804.80	1.53	ppb
Sulfur	34-1	25790.28	26085.94	25390.62	25755.62	1.35	ppb
Terbium	159-1				108		%
Terbium	159-2				107		%
Thallium	203-1	479.30	478.89	480.31	479.50	0.15	ppb
Thallium	205-1	470.93	472.48	473.53	472.32	0.28	ppb
Tin	118-1	478.48	479.93	482.34	480.25	0.41	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M3865-01MSD	Instrumnet Name :	P8
Client Sample ID :	KITCHEN-DRAW-1-COP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 14:27:57	DataFile Name :	047AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2262.76	2354.81	2321.97	2313.18	2.02	ppb
Uranium	238-1	453.68	465.54	464.16	461.13	1.41	ppb
Vanadium	51-2	445.85	476.72	471.06	464.54	3.54	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				108		%
Zinc	66-2	5367.82	5757.95	5638.87	5588.21	3.58	ppb
Zirconium	90-1	446.22	454.40	450.57	450.39	0.91	ppb
Zirconium	91-1	452.57	460.40	456.78	456.58	0.86	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M3865-01A	Instrumnet Name :	P8
Client Sample ID :	KITCHEN-DRAW-1-COP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 14:31:06	DataFile Name :	048AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9157.36	8994.79	9180.00	9110.72	1.11	ppb
Antimony	121-1	487.63	499.31	518.48	501.81	3.10	ppb
Arsenic	75-2	489.69	491.55	491.20	490.81	0.20	ppb
Barium	135-1	2400.34	2482.45	2554.69	2479.16	3.12	ppb
Barium	137-1	2428.07	2408.13	2551.52	2462.57	3.15	ppb
Beryllium	9-1	463.07	457.89	477.47	466.14	2.18	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Boron	10-1	568.84	583.30	623.96	592.04	4.83	ppb
Boron	11-1	569.30	594.31	641.61	601.74	6.10	ppb
Bromine	81-1						cps
Cadmium	111-1	465.19	477.41	501.20	481.27	3.81	ppb
Cadmium	106-1	467.02	472.39	493.57	477.66	2.94	ppb
Cadmium	108-1	481.35	474.73	497.87	484.65	2.46	ppb
Calcium	43-1	72015.07	72734.18	77385.90	74045.05	3.94	ppb
Calcium	44-1	70843.76	71478.40	75375.28	72565.81	3.38	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	466.49	457.66	464.00	462.71	0.98	ppb
Cobalt	59-2	477.50	463.00	461.58	467.36	1.88	ppb
Copper	63-2	5364.78	5159.36	5379.18	5301.11	2.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				105		%
Indium	115-1				107		%
Indium	115-2				104		%
Iron	54-2	384.28	381.42	373.75	379.82	1.43	ppb
Iron	56-2	14.62	14.66	14.83	14.70	0.74	ppb
Iron	57-2	29.67	31.48	29.93	30.36	3.23	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M3865-01A	Instrumnet Name :	P8
Client Sample ID :	KITCHEN-DRAW-1-COP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 14:31:06	DataFile Name :	048AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2583.80	2535.45	2547.89	2555.71	0.98	ppb
Lead	207-1	2527.11	2519.45	2548.19	2531.58	0.59	ppb
Lead	208-1	2484.39	2530.45	2522.07	2512.30	0.98	ppb
Lithium	6-1				98		%
Magnesium	24-2	56583.92	54974.63	54725.34	55427.96	1.82	ppb
Manganese	55-2	5143.22	5072.34	5059.50	5091.69	0.89	ppb
Molybdenum	94-1	2255.95	2282.61	2395.87	2311.48	3.21	ppb
Molybdenum	95-1	2274.95	2275.66	2410.10	2320.24	3.35	ppb
Molybdenum	96-1	2215.77	2261.20	2435.46	2304.14	5.03	ppb
Molybdenum	97-1	2191.62	2289.40	2402.34	2294.45	4.60	ppb
Molybdenum	98-1	2221.37	2289.99	2370.59	2293.98	3.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	452.07	437.76	445.94	445.25	1.61	ppb
Phosphorus	31-2	472.59	525.99	518.82	505.80	5.73	ppb
Potassium	39-2	26174.38	25380.65	26202.49	25919.17	1.80	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				106		%
Scandium	45-2				107		%
Selenium	82-1	462.27	482.49	504.02	482.92	4.32	ppb
Selenium	77-2	476.56	465.44	456.78	466.26	2.13	ppb
Selenium	78-2	487.14	487.41	484.03	486.20	0.39	ppb
Silicon	28-1	3213.18	3300.74	3529.78	3347.90	4.88	ppb
Silver	107-1	405.38	355.43	380.82	380.54	6.56	ppb
Silver	109-1	451.73	359.05	426.58	412.45	11.62	ppb
Sodium	23-2	86515.31	83449.19	82299.24	84087.91	2.59	ppb
Strontium	86-1	4668.23	4842.47	4887.34	4799.35	2.41	ppb
Strontium	88-1	4634.44	4900.26	4930.30	4821.67	3.38	ppb
Sulfur	34-1	25450.17	25329.57	27380.85	26053.53	4.42	ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	505.40	488.34	498.73	497.49	1.73	ppb
Thallium	205-1	498.67	483.77	490.41	490.95	1.52	ppb
Tin	118-1	484.06	484.25	505.04	491.12	2.46	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M3865-01A	Instrumnet Name :	P8
Client Sample ID :	KITCHEN-DRAW-1-COP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 14:31:06	DataFile Name :	048AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2285.26	2337.10	2376.21	2332.86	1.96	ppb
Uranium	238-1	459.21	471.60	478.52	469.78	2.08	ppb
Vanadium	51-2	456.14	448.22	456.76	453.71	1.05	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	5617.60	5492.00	5469.22	5526.27	1.45	ppb
Zirconium	90-1	445.62	461.25	476.47	461.11	3.35	ppb
Zirconium	91-1	457.22	461.39	478.96	465.86	2.48	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	CCV69	Instrumnet Name :	P8
Client Sample ID :	CCV69	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 14:33:59	DataFile Name :	049CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49698.97	47990.49	50671.26	49453.58	2.74	ppb
Antimony	121-1	489.94	504.79	501.45	498.72	1.56	ppb
Arsenic	75-2	497.12	488.94	482.12	489.39	1.53	ppb
Barium	135-1	2515.51	2542.54	2539.35	2532.46	0.58	ppb
Barium	137-1	2493.92	2503.85	2533.56	2510.44	0.82	ppb
Beryllium	9-1	473.90	479.20	466.78	473.29	1.32	ppb
Bismuth	209-1				97		%
Bismuth	209-2				94		%
Boron	10-1	528.43	537.37	545.83	537.21	1.62	ppb
Boron	11-1	545.88	581.14	580.88	569.30	3.56	ppb
Bromine	81-1						cps
Cadmium	111-1	503.15	517.85	516.07	512.35	1.57	ppb
Cadmium	106-1	501.91	515.80	523.16	513.62	2.10	ppb
Cadmium	108-1	500.40	505.00	515.19	506.87	1.49	ppb
Calcium	43-1	227433.72	237156.27	236561.43	233717.14	2.33	ppb
Calcium	44-1	230175.32	245785.88	235283.48	237081.56	3.36	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	477.05	489.86	478.89	481.93	1.44	ppb
Cobalt	59-2	477.65	491.42	481.01	483.36	1.49	ppb
Copper	63-2	5021.43	4786.87	5017.82	4942.04	2.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				100		%
Indium	115-1				103		%
Indium	115-2				98		%
Iron	54-2	128560.29	125694.52	128222.00	127492.27	1.23	ppb
Iron	56-2	127271.97	123825.13	129860.92	126986.01	2.38	ppb
Iron	57-2	129791.25	128338.30	130707.78	129612.44	0.92	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	CCV69	Instrumnet Name :	P8
Client Sample ID :	CCV69	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 14:33:59	DataFile Name :	049CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2461.00	2515.49	2539.44	2505.31	1.60	ppb
Lead	207-1	2445.19	2501.77	2518.57	2488.51	1.54	ppb
Lead	208-1	2454.87	2502.48	2504.96	2487.44	1.14	ppb
Lithium	6-1				98		%
Magnesium	24-2	255234.48	244063.16	254798.21	251365.28	2.52	ppb
Manganese	55-2	4998.59	4862.15	5067.03	4975.92	2.10	ppb
Molybdenum	94-1	2339.82	2387.37	2440.51	2389.23	2.11	ppb
Molybdenum	95-1	2374.15	2370.83	2473.97	2406.32	2.44	ppb
Molybdenum	96-1	2347.67	2388.22	2434.29	2390.06	1.81	ppb
Molybdenum	97-1	2330.23	2390.05	2384.27	2368.18	1.39	ppb
Molybdenum	98-1	2344.28	2422.00	2418.83	2395.04	1.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	477.28	468.97	480.37	475.54	1.24	ppb
Phosphorus	31-2	9688.18	9366.97	10236.01	9763.72	4.50	ppb
Potassium	39-2	127068.55	125913.01	129792.00	127591.19	1.56	ppb
Rhodium	103-1				97		%
Rhodium	103-2				93		%
Scandium	45-1				107		%
Scandium	45-2				101		%
Selenium	82-1	480.26	489.82	499.86	489.98	2.00	ppb
Selenium	77-2	523.29	489.14	514.95	509.13	3.50	ppb
Selenium	78-2	495.80	501.68	495.62	497.70	0.69	ppb
Silicon	28-1	533.59	571.35	581.36	562.10	4.48	ppb
Silver	107-1	515.49	523.32	520.77	519.86	0.77	ppb
Silver	109-1	509.98	502.36	510.72	507.69	0.91	ppb
Sodium	23-2	261458.72	256149.42	257968.89	258525.68	1.04	ppb
Strontium	86-1	4620.16	4777.37	4847.42	4748.32	2.45	ppb
Strontium	88-1	4591.27	4814.77	4879.24	4761.76	3.17	ppb
Sulfur	34-1	8310.62	9021.88	8571.71	8634.74	4.17	ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	496.29	507.20	521.63	508.37	2.50	ppb
Thallium	205-1	488.92	503.32	513.65	501.96	2.47	ppb
Tin	118-1	491.25	505.84	503.19	500.09	1.55	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	CCV69	Instrumnet Name :	P8
Client Sample ID :	CCV69	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 14:33:59	DataFile Name :	049CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2400.58	2436.26	2483.02	2439.95	1.69	ppb
Uranium	238-1	499.43	514.34	505.61	506.46	1.48	ppb
Vanadium	51-2	481.55	471.05	479.76	477.45	1.18	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				103		%
Zinc	66-2	4934.35	4806.61	4931.85	4890.94	1.49	ppb
Zirconium	90-1	472.02	486.65	492.19	483.62	2.16	ppb
Zirconium	91-1	466.10	491.40	486.88	481.46	2.80	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	CCB69	Instrumnet Name :	P8
Client Sample ID :	CCB69	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 14:38:52	DataFile Name :	050CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.73	0.89	0.97	0.87	13.86	ppb
Antimony	121-1	0.09	0.11	0.12	0.11	12.87	ppb
Arsenic	75-2	0.04	0.00	-0.01	0.01	214.76	ppb
Barium	135-1	0.12	0.07	0.06	0.08	36.61	ppb
Barium	137-1	0.08	0.05	0.04	0.06	36.26	ppb
Beryllium	9-1	0.03	0.04	0.05	0.04	18.90	ppb
Bismuth	209-1				107		%
Bismuth	209-2				102		%
Boron	10-1	35.27	31.97	32.76	33.33	5.16	ppb
Boron	11-1	37.02	34.57	34.79	35.46	3.83	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.05	-0.03	-0.03	-0.04		ppb
Cadmium	106-1	-10.03	-8.09	-6.68	-8.27		ppb
Cadmium	108-1	0.00	-0.10	0.01	-0.03		ppb
Calcium	43-1	1.59	-0.32	0.39	0.56	174.12	ppb
Calcium	44-1	13.72	8.19	11.55	11.15	25.01	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	0.02	-0.02	0.01	249.14	ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	27.41	ppb
Copper	63-2	0.16	0.17	0.14	0.16	8.95	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				105		%
Indium	115-1				110		%
Indium	115-2				107		%
Iron	54-2	1.61	1.61	2.02	1.75	13.53	ppb
Iron	56-2	1.84	1.65	1.55	1.68	8.61	ppb
Iron	57-2	1.79	1.30	1.04	1.38	27.90	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	CCB69	Instrumnet Name :	P8
Client Sample ID :	CCB69	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 14:38:52	DataFile Name :	050CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.21	0.14	0.15	0.17	24.06	ppb
Lead	207-1	0.16	0.16	0.19	0.17	11.29	ppb
Lead	208-1	0.17	0.13	0.17	0.16	13.10	ppb
Lithium	6-1				99		%
Magnesium	24-2	3.94	3.60	3.07	3.54	12.36	ppb
Manganese	55-2	0.12	0.11	0.05	0.09	42.36	ppb
Molybdenum	94-1	0.13	0.12	0.14	0.13	6.57	ppb
Molybdenum	95-1	0.21	0.18	0.15	0.18	16.74	ppb
Molybdenum	96-1	0.16	0.17	0.12	0.15	16.62	ppb
Molybdenum	97-1	0.21	0.16	0.17	0.18	14.69	ppb
Molybdenum	98-1	0.19	0.15	0.13	0.16	19.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.03	-0.02	-0.02		ppb
Phosphorus	31-2	-12.04	-15.57	-38.51	-22.04		ppb
Potassium	39-2	8.27	5.86	3.80	5.98	37.45	ppb
Rhodium	103-1				108		%
Rhodium	103-2				105		%
Scandium	45-1				110		%
Scandium	45-2				103		%
Selenium	82-1	-0.21	0.25	-0.41	-0.12		ppb
Selenium	77-2	-0.25	-0.85	-0.26	-0.45		ppb
Selenium	78-2	0.09	0.34	0.93	0.45	94.69	ppb
Silicon	28-1	-9.01	-13.32	-11.30	-11.21		ppb
Silver	107-1	0.60	0.44	0.30	0.45	33.11	ppb
Silver	109-1	0.60	0.47	0.32	0.46	30.43	ppb
Sodium	23-2	30.54	27.97	23.11	27.21	13.86	ppb
Strontium	86-1	0.04	0.09	0.02	0.05	76.71	ppb
Strontium	88-1	0.12	0.12	0.11	0.12	4.90	ppb
Sulfur	34-1	-4369.54	-4987.23	-4609.93	-4655.56		ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	0.10	0.07	0.10	0.09	19.01	ppb
Thallium	205-1	0.10	0.07	0.07	0.08	24.95	ppb
Tin	118-1	0.08	0.06	0.08	0.07	11.55	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	CCB69	Instrumnet Name :	P8
Client Sample ID :	CCB69	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 14:38:52	DataFile Name :	050CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.07	0.06	0.06	0.06	5.20	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	37.95	ppb
Vanadium	51-2	0.01	0.00	0.01	0.01	60.73	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				107		%
Zinc	66-2	0.13	0.01	-0.04	0.03	269.56	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	11.36	ppb
Zirconium	91-1	0.01	0.01	0.00	0.01	48.07	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M4080-03MS	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)MS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 16:11:51	DataFile Name :	061AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9420.55	9528.94	9522.79	9490.76	0.64	ppb
Antimony	121-1	495.00	486.51	490.49	490.67	0.87	ppb
Arsenic	75-2	484.83	487.94	492.78	488.52	0.82	ppb
Barium	135-1	2540.70	2439.11	2399.26	2459.69	2.97	ppb
Barium	137-1	2477.97	2438.83	2424.97	2447.26	1.12	ppb
Beryllium	9-1	468.06	461.89	476.11	468.68	1.52	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Boron	10-1	520.83	517.71	543.82	527.45	2.70	ppb
Boron	11-1	553.97	554.55	573.53	560.68	1.98	ppb
Bromine	81-1						cps
Cadmium	111-1	478.03	466.56	474.70	473.10	1.25	ppb
Cadmium	106-1	471.25	444.78	476.81	464.28	3.69	ppb
Cadmium	108-1	474.42	465.21	476.68	472.10	1.29	ppb
Calcium	43-1	66989.25	68350.20	67471.47	67603.64	1.02	ppb
Calcium	44-1	69677.27	68605.88	69430.66	69237.94	0.81	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	463.50	476.14	479.41	473.02	1.78	ppb
Cobalt	59-2	466.66	468.42	472.19	469.09	0.60	ppb
Copper	63-2	5069.94	5146.71	5187.42	5134.69	1.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				105		%
Indium	115-1				109		%
Indium	115-2				105		%
Iron	54-2	27166.22	26618.07	26444.20	26742.83	1.41	ppb
Iron	56-2	26276.04	26177.06	26184.85	26212.65	0.21	ppb
Iron	57-2	26236.44	26848.43	26721.67	26602.18	1.21	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M4080-03MS	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)MS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 16:11:51	DataFile Name :	061AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2378.97	2383.09	2442.57	2401.54	1.48	ppb
Lead	207-1	2331.99	2367.38	2421.22	2373.53	1.89	ppb
Lead	208-1	2350.45	2362.00	2423.56	2378.67	1.65	ppb
Lithium	6-1				98		%
Magnesium	24-2	57222.80	56946.36	57779.82	57316.33	0.74	ppb
Manganese	55-2	5260.99	5238.39	5210.64	5236.68	0.48	ppb
Molybdenum	94-1	2224.41	2293.73	2262.80	2260.31	1.54	ppb
Molybdenum	95-1	2227.04	2293.38	2260.16	2260.19	1.47	ppb
Molybdenum	96-1	2203.79	2294.89	2193.05	2230.58	2.51	ppb
Molybdenum	97-1	2216.29	2287.19	2219.60	2241.03	1.79	ppb
Molybdenum	98-1	2264.73	2330.09	2221.14	2271.99	2.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	443.46	449.79	448.63	447.29	0.75	ppb
Phosphorus	31-2	582.86	640.00	689.44	637.44	8.37	ppb
Potassium	39-2	26942.88	27459.59	27637.87	27346.78	1.32	ppb
Rhodium	103-1				106		%
Rhodium	103-2				101		%
Scandium	45-1				110		%
Scandium	45-2				106		%
Selenium	82-1	468.32	478.62	467.25	471.40	1.33	ppb
Selenium	77-2	497.72	495.56	477.30	490.19	2.29	ppb
Selenium	78-2	473.43	480.14	486.88	480.15	1.40	ppb
Silicon	28-1	4043.77	4074.86	4077.10	4065.24	0.46	ppb
Silver	107-1	406.25	474.77	373.44	418.16	12.36	ppb
Silver	109-1	388.19	451.33	292.41	377.31	21.21	ppb
Sodium	23-2	78875.54	80482.79	81809.81	80389.38	1.83	ppb
Strontium	86-1	626.18	619.65	626.76	624.20	0.63	ppb
Strontium	88-1	611.09	617.11	631.92	620.04	1.73	ppb
Sulfur	34-1	11748.44	11692.68	11481.70	11640.94	1.21	ppb
Terbium	159-1				109		%
Terbium	159-2				107		%
Thallium	203-1	481.05	480.88	477.24	479.72	0.45	ppb
Thallium	205-1	481.34	479.37	476.62	479.11	0.49	ppb
Tin	118-1	484.96	474.31	478.83	479.37	1.12	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M4080-03MS	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)MS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 16:11:51	DataFile Name :	061AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2349.50	2305.65	2338.79	2331.32	0.98	ppb
Uranium	238-1	460.33	454.19	469.52	461.35	1.67	ppb
Vanadium	51-2	459.44	463.02	462.18	461.55	0.41	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				107		%
Zinc	66-2	5117.23	5019.09	5167.91	5101.41	1.48	ppb
Zirconium	90-1	443.73	447.57	453.11	448.14	1.05	ppb
Zirconium	91-1	445.78	458.74	454.19	452.91	1.45	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M4080-03MSD	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 16:17:07	DataFile Name :	062AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9478.01	9796.71	8559.16	9277.96	6.93	ppb
Antimony	121-1	521.40	519.52	498.22	513.05	2.51	ppb
Arsenic	75-2	480.44	505.57	445.84	477.28	6.28	ppb
Barium	135-1	2584.44	2551.41	2429.05	2521.63	3.25	ppb
Barium	137-1	2623.36	2574.90	2470.26	2556.17	3.06	ppb
Beryllium	9-1	481.75	477.96	469.64	476.45	1.30	ppb
Bismuth	209-1				101		%
Bismuth	209-2				103		%
Boron	10-1	544.84	561.56	568.56	558.32	2.18	ppb
Boron	11-1	590.40	581.48	602.09	591.33	1.75	ppb
Bromine	81-1						cps
Cadmium	111-1	500.05	496.35	486.44	494.28	1.42	ppb
Cadmium	106-1	492.85	483.26	466.92	481.01	2.73	ppb
Cadmium	108-1	510.75	496.17	479.87	495.60	3.12	ppb
Calcium	43-1	72237.48	71139.67	69480.18	70952.45	1.96	ppb
Calcium	44-1	72068.80	70741.97	69257.13	70689.30	1.99	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	474.10	477.94	436.13	462.72	4.99	ppb
Cobalt	59-2	470.28	484.40	420.57	458.42	7.31	ppb
Copper	63-2	5077.25	5237.99	4515.75	4943.66	7.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				109		%
Indium	115-1				105		%
Indium	115-2				110		%
Iron	54-2	25806.65	26745.32	23194.31	25248.76	7.29	ppb
Iron	56-2	25453.68	26316.83	22786.38	24852.30	7.41	ppb
Iron	57-2	26175.04	26924.82	23040.25	25380.04	8.12	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M4080-03MSD	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 16:17:07	DataFile Name :	062AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2446.41	2497.79	2379.89	2441.36	2.42	ppb
Lead	207-1	2483.71	2476.49	2332.57	2430.93	3.51	ppb
Lead	208-1	2488.31	2438.63	2337.77	2421.57	3.17	ppb
Lithium	6-1				95		%
Magnesium	24-2	55873.74	58498.18	51012.74	55128.22	6.89	ppb
Manganese	55-2	5211.53	5441.35	4774.96	5142.61	6.58	ppb
Molybdenum	94-1	2327.36	2305.31	2356.39	2329.69	1.10	ppb
Molybdenum	95-1	2378.32	2352.39	2320.81	2350.51	1.23	ppb
Molybdenum	96-1	2349.21	2322.15	2255.11	2308.82	2.10	ppb
Molybdenum	97-1	2268.58	2296.93	2297.00	2287.50	0.72	ppb
Molybdenum	98-1	2333.50	2350.38	2274.64	2319.50	1.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	442.72	460.50	404.54	435.92	6.56	ppb
Phosphorus	31-2	638.86	630.45	573.97	614.43	5.74	ppb
Potassium	39-2	27200.27	27656.51	24460.70	26439.16	6.54	ppb
Rhodium	103-1				102		%
Rhodium	103-2				105		%
Scandium	45-1				107		%
Scandium	45-2				108		%
Selenium	82-1	490.55	487.77	480.52	486.28	1.07	ppb
Selenium	77-2	473.94	497.81	435.10	468.95	6.75	ppb
Selenium	78-2	472.37	494.35	427.34	464.69	7.35	ppb
Silicon	28-1	4089.70	3973.54	4057.70	4040.31	1.49	ppb
Silver	107-1	396.73	385.54	433.80	405.36	6.23	ppb
Silver	109-1	416.22	459.19	473.98	449.80	6.67	ppb
Sodium	23-2	79637.09	82481.64	70070.95	77396.56	8.40	ppb
Strontium	86-1	4924.25	4907.07	4958.64	4929.98	0.53	ppb
Strontium	88-1	4860.81	4883.96	5012.76	4919.18	1.66	ppb
Sulfur	34-1	11827.99	10731.10	10766.05	11108.38	5.61	ppb
Terbium	159-1				105		%
Terbium	159-2				110		%
Thallium	203-1	506.99	492.29	489.87	496.38	1.87	ppb
Thallium	205-1	494.37	487.47	459.22	480.35	3.88	ppb
Tin	118-1	500.59	498.14	484.99	494.57	1.70	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M4080-03MSD	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 16:17:07	DataFile Name :	062AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2420.68	2326.99	2335.35	2361.00	2.20	ppb
Uranium	238-1	490.15	462.20	465.47	472.61	3.23	ppb
Vanadium	51-2	462.73	477.59	420.34	453.55	6.55	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				111		%
Zinc	66-2	5111.32	5283.49	4626.73	5007.18	6.80	ppb
Zirconium	90-1	459.99	454.72	459.31	458.01	0.63	ppb
Zirconium	91-1	472.19	460.97	471.47	468.21	1.34	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M4080-03A	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)A	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 16:20:02	DataFile Name :	063AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9420.95	9445.41	9379.42	9415.26	0.35	ppb
Antimony	121-1	497.76	505.71	496.36	499.94	1.01	ppb
Arsenic	75-2	476.45	485.38	481.36	481.06	0.93	ppb
Barium	135-1	2504.82	2532.59	2481.28	2506.23	1.02	ppb
Barium	137-1	2533.11	2484.24	2479.22	2498.86	1.19	ppb
Beryllium	9-1	475.54	468.40	483.39	475.78	1.58	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Boron	10-1	562.63	580.78	590.72	578.04	2.46	ppb
Boron	11-1	581.56	608.12	632.27	607.31	4.18	ppb
Bromine	81-1						cps
Cadmium	111-1	483.41	485.30	488.36	485.69	0.51	ppb
Cadmium	106-1	477.65	475.20	474.72	475.86	0.33	ppb
Cadmium	108-1	471.18	494.79	492.82	486.26	2.69	ppb
Calcium	43-1	71131.99	67561.07	70500.57	69731.21	2.73	ppb
Calcium	44-1	70758.04	68938.37	70597.98	70098.13	1.44	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	459.37	468.68	469.98	466.01	1.24	ppb
Cobalt	59-2	462.63	469.72	466.10	466.15	0.76	ppb
Copper	63-2	5069.63	5171.73	5018.00	5086.45	1.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				110		%
Indium	115-1				105		%
Indium	115-2				108		%
Iron	54-2	25917.98	26916.50	26446.51	26427.00	1.89	ppb
Iron	56-2	25360.57	26171.22	25673.44	25735.07	1.59	ppb
Iron	57-2	25589.89	26321.52	26094.10	26001.84	1.44	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M4080-03A	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)A	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 16:20:02	DataFile Name :	063AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2348.31	2395.55	2406.20	2383.35	1.29	ppb
Lead	207-1	2341.26	2407.47	2376.31	2375.01	1.39	ppb
Lead	208-1	2334.70	2379.08	2369.91	2361.23	0.99	ppb
Lithium	6-1				95		%
Magnesium	24-2	55571.22	56132.08	55726.48	55809.93	0.52	ppb
Manganese	55-2	5091.48	5235.94	5169.17	5165.53	1.40	ppb
Molybdenum	94-1	2252.05	2334.64	2267.80	2284.83	1.92	ppb
Molybdenum	95-1	2291.02	2294.15	2262.70	2282.63	0.76	ppb
Molybdenum	96-1	2256.01	2307.03	2246.81	2269.95	1.43	ppb
Molybdenum	97-1	2222.09	2324.06	2234.31	2260.15	2.46	ppb
Molybdenum	98-1	2258.46	2304.80	2271.86	2278.37	1.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	439.89	445.98	439.33	441.73	0.83	ppb
Phosphorus	31-2	584.57	725.68	630.83	647.03	11.12	ppb
Potassium	39-2	26549.26	26965.22	26678.36	26730.95	0.80	ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				108		%
Scandium	45-2				108		%
Selenium	82-1	470.94	492.36	488.60	483.97	2.36	ppb
Selenium	77-2	484.52	481.92	472.70	479.71	1.30	ppb
Selenium	78-2	470.21	468.81	467.07	468.70	0.34	ppb
Silicon	28-1	3937.11	4005.20	4247.85	4063.39	4.02	ppb
Silver	107-1	408.05	439.59	489.22	445.62	9.18	ppb
Silver	109-1	323.77	429.98	447.49	400.42	16.72	ppb
Sodium	23-2	78011.49	80303.99	78377.69	78897.72	1.56	ppb
Strontium	86-1	2833.50	2877.90	2865.91	2859.10	0.80	ppb
Strontium	88-1	2849.82	2907.93	2887.71	2881.82	1.02	ppb
Sulfur	34-1	10568.90	10469.63	11975.40	11004.64	7.65	ppb
Terbium	159-1				106		%
Terbium	159-2				109		%
Thallium	203-1	459.40	479.12	497.45	478.66	3.98	ppb
Thallium	205-1	455.59	470.08	486.69	470.79	3.31	ppb
Tin	118-1	478.14	498.23	489.08	488.48	2.06	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M4080-03A	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)A	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 16:20:02	DataFile Name :	063AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2212.41	2229.87	2291.81	2244.70	1.86	ppb
Uranium	238-1	457.01	457.45	462.83	459.10	0.71	ppb
Vanadium	51-2	453.37	457.56	454.00	454.97	0.50	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				111		%
Zinc	66-2	5076.91	5367.50	5100.86	5181.76	3.11	ppb
Zirconium	90-1	440.15	455.12	454.64	449.97	1.89	ppb
Zirconium	91-1	446.99	460.30	453.31	453.54	1.47	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	CCV70	Instrumnet Name :	P8
Client Sample ID :	CCV70	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 16:22:56	DataFile Name :	064CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49878.46	48102.13	48313.15	48764.58	1.99	ppb
Antimony	121-1	502.64	486.98	491.58	493.73	1.63	ppb
Arsenic	75-2	495.67	495.68	497.84	496.40	0.25	ppb
Barium	135-1	2543.61	2454.47	2443.70	2480.60	2.21	ppb
Barium	137-1	2533.17	2405.17	2446.70	2461.68	2.65	ppb
Beryllium	9-1	474.10	494.66	490.92	486.56	2.25	ppb
Bismuth	209-1				96		%
Bismuth	209-2				97		%
Boron	10-1	506.17	541.20	544.96	530.78	4.03	ppb
Boron	11-1	538.80	572.54	586.15	565.83	4.31	ppb
Bromine	81-1						cps
Cadmium	111-1	529.25	510.17	511.00	516.81	2.09	ppb
Cadmium	106-1	512.50	503.53	503.93	506.65	1.00	ppb
Cadmium	108-1	527.36	497.25	509.97	511.53	2.95	ppb
Calcium	43-1	233824.55	242130.59	234436.08	236797.07	1.95	ppb
Calcium	44-1	240586.43	246446.94	242935.45	243322.94	1.21	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	490.21	481.75	485.85	485.94	0.87	ppb
Cobalt	59-2	483.23	465.44	476.32	475.00	1.89	ppb
Copper	63-2	4922.11	4898.26	4747.49	4855.95	1.95	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				108		%
Indium	115-1				103		%
Indium	115-2				103		%
Iron	54-2	129851.87	126177.63	127711.94	127913.82	1.44	ppb
Iron	56-2	128654.62	126399.04	122809.54	125954.40	2.34	ppb
Iron	57-2	129901.65	125129.89	126554.16	127195.23	1.93	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	CCV70	Instrumnet Name :	P8
Client Sample ID :	CCV70	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 16:22:56	DataFile Name :	064CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2513.88	2481.00	2453.44	2482.77	1.22	ppb
Lead	207-1	2447.20	2514.37	2454.13	2471.90	1.49	ppb
Lead	208-1	2444.34	2500.70	2463.40	2469.48	1.16	ppb
Lithium	6-1				92		%
Magnesium	24-2	254413.52	244584.97	243508.04	247502.17	2.43	ppb
Manganese	55-2	5250.33	5033.70	5027.07	5103.70	2.49	ppb
Molybdenum	94-1	2465.85	2373.92	2513.49	2451.09	2.89	ppb
Molybdenum	95-1	2432.59	2372.25	2463.72	2422.85	1.92	ppb
Molybdenum	96-1	2435.39	2383.75	2442.55	2420.56	1.33	ppb
Molybdenum	97-1	2404.03	2344.54	2476.38	2408.32	2.74	ppb
Molybdenum	98-1	2404.10	2376.22	2492.30	2424.21	2.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	480.43	478.46	473.44	477.44	0.75	ppb
Phosphorus	31-2	9336.43	9433.06	9662.02	9477.17	1.76	ppb
Potassium	39-2	127787.42	125524.30	125405.95	126239.22	1.06	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				105		%
Scandium	45-2				104		%
Selenium	82-1	497.71	491.34	512.01	500.35	2.12	ppb
Selenium	77-2	499.81	513.23	489.05	500.70	2.42	ppb
Selenium	78-2	500.89	489.50	500.07	496.82	1.28	ppb
Silicon	28-1	530.36	549.19	543.56	541.04	1.79	ppb
Silver	107-1	522.37	490.67	495.65	502.89	3.39	ppb
Silver	109-1	529.28	492.18	508.24	509.90	3.65	ppb
Sodium	23-2	256553.29	248289.31	248491.07	251111.22	1.88	ppb
Strontium	86-1	4960.27	4666.93	4928.15	4851.78	3.32	ppb
Strontium	88-1	4959.75	4779.18	4934.96	4891.29	2.00	ppb
Sulfur	34-1	8389.46	8459.87	8258.88	8369.40	1.22	ppb
Terbium	159-1				106		%
Terbium	159-2				106		%
Thallium	203-1	520.94	503.65	497.87	507.49	2.37	ppb
Thallium	205-1	504.53	497.47	485.22	495.74	1.97	ppb
Tin	118-1	506.85	479.97	494.23	493.68	2.72	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	CCV70	Instrumnet Name :	P8
Client Sample ID :	CCV70	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 16:22:56	DataFile Name :	064CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2412.76	2433.55	2388.42	2411.58	0.94	ppb
Uranium	238-1	496.22	499.30	483.21	492.91	1.73	ppb
Vanadium	51-2	477.52	474.16	468.64	473.44	0.95	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				107		%
Zinc	66-2	5026.86	4928.17	4796.66	4917.23	2.35	ppb
Zirconium	90-1	491.09	485.92	488.55	488.52	0.53	ppb
Zirconium	91-1	491.29	490.55	498.99	493.61	0.95	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	CCB70	Instrumnet Name :	P8
Client Sample ID :	CCB70	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 16:29:33	DataFile Name :	065CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.94	1.08	0.83	0.95	12.95	ppb
Antimony	121-1	0.08	0.08	0.09	0.08	8.77	ppb
Arsenic	75-2	-0.01	-0.01	-0.01	-0.01		ppb
Barium	135-1	0.03	0.05	0.06	0.05	30.30	ppb
Barium	137-1	0.03	0.01	0.03	0.02	37.72	ppb
Beryllium	9-1	0.04	0.03	0.02	0.03	25.71	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Boron	10-1	28.31	27.53	27.58	27.81	1.56	ppb
Boron	11-1	31.14	28.26	28.04	29.15	5.93	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.05	-0.09	-0.09	-0.08		ppb
Cadmium	106-1	-8.10	-9.79	-9.65	-9.18		ppb
Cadmium	108-1	-0.21	-0.04	0.06	-0.06		ppb
Calcium	43-1	-0.26	-1.00	-0.60	-0.62		ppb
Calcium	44-1	6.41	4.63	2.23	4.42	47.47	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	0.07	0.03	0.04	67.52	ppb
Cobalt	59-2	0.01	0.02	0.01	0.01	40.21	ppb
Copper	63-2	0.07	0.19	0.08	0.11	57.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				104		%
Indium	115-1				109		%
Indium	115-2				108		%
Iron	54-2	1.16	2.44	1.90	1.83	34.82	ppb
Iron	56-2	1.46	2.30	1.50	1.76	26.97	ppb
Iron	57-2	2.34	2.14	0.69	1.72	52.16	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	CCB70	Instrumnet Name :	P8
Client Sample ID :	CCB70	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 16:29:33	DataFile Name :	065CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.08	0.09	0.07	0.08	9.78	ppb
Lead	207-1	0.09	0.08	0.11	0.09	16.06	ppb
Lead	208-1	0.08	0.07	0.07	0.07	8.06	ppb
Lithium	6-1				93		%
Magnesium	24-2	3.03	4.88	3.19	3.70	27.66	ppb
Manganese	55-2	0.09	0.16	0.08	0.11	39.98	ppb
Molybdenum	94-1	0.09	0.07	0.10	0.09	19.60	ppb
Molybdenum	95-1	0.13	0.09	0.08	0.10	26.70	ppb
Molybdenum	96-1	0.10	0.10	0.11	0.10	7.09	ppb
Molybdenum	97-1	0.15	0.10	0.08	0.11	33.74	ppb
Molybdenum	98-1	0.13	0.10	0.09	0.11	20.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.02	-0.03	0.00		ppb
Phosphorus	31-2	-18.73	-14.20	-1.87	-11.60		ppb
Potassium	39-2	1.22	10.21	1.99	4.47	111.45	ppb
Rhodium	103-1				106		%
Rhodium	103-2				104		%
Scandium	45-1				106		%
Scandium	45-2				102		%
Selenium	82-1	-0.01	-0.17	0.34	0.05	488.95	ppb
Selenium	77-2	0.33	-0.85	-0.85	-0.45		ppb
Selenium	78-2	0.13	0.46	0.33	0.31	55.33	ppb
Silicon	28-1	-5.09	-7.00	-6.83	-6.31		ppb
Silver	107-1	0.28	0.20	0.14	0.21	33.53	ppb
Silver	109-1	0.26	0.18	0.13	0.19	34.50	ppb
Sodium	23-2	15.53	21.13	15.25	17.30	19.17	ppb
Strontium	86-1	0.06	0.03	-0.01	0.03	144.29	ppb
Strontium	88-1	0.06	0.05	0.05	0.05	8.39	ppb
Sulfur	34-1	-4306.14	-4340.97	-4403.76	-4350.29		ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	0.06	0.06	0.04	0.05	15.08	ppb
Thallium	205-1	0.07	0.06	0.06	0.06	11.36	ppb
Tin	118-1	0.08	0.04	0.07	0.07	29.26	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	CCB70	Instrumnet Name :	P8
Client Sample ID :	CCB70	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 16:29:33	DataFile Name :	065CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.00	0.03	0.03	0.02	68.62	ppb
Uranium	238-1	0.01	0.00	0.00	0.01	43.71	ppb
Vanadium	51-2	0.00	0.01	0.01	0.01	93.14	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				106		%
Zinc	66-2	-0.13	0.07	-0.12	-0.06		ppb
Zirconium	90-1	0.01	0.00	0.00	0.01	51.89	ppb
Zirconium	91-1	0.03	0.02	0.00	0.02	66.87	ppb

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 10:19:43	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	119	122	115	119	3.16	cps
Antimony	121-1	58	42	50	50	16.66	cps
Arsenic	75-2	12	10	5	9	40.06	cps
Barium	135-1	33	17	33	28	34.63	cps
Barium	137-1	83	108	117	103	16.88	cps
Beryllium	9-1	28	38	30	32	16.54	cps
Bismuth	209-1	7795602	7679019	7437311	7637311	2.39	cps
Bismuth	209-2	4466088	4414267	4526838	4469064	1.26	cps
Boron	10-1	406	496	434	445	10.34	cps
Boron	11-1	2010	2036	1966	2004	1.77	cps
Bromine	81-1	24667	23514	23003	23728	3.59	cps
Cadmium	111-1	971	884	892	916	5.26	cps
Cadmium	106-1	9679	8795	8711	9062	5.92	cps
Cadmium	108-1	67	58	54	60	10.66	cps
Calcium	43-1	559	510	641	570	11.64	cps
Calcium	44-1	53277	52889	52746	52970	0.52	cps
Carbon	12-1	6665334	6519340	6590295	6591656	1.11	cps
Carbon	12-2	59186	59512	57890	58863	1.46	cps
Chlorine	35-1	2378531	2247991	2132522	2253015	5.46	cps
Chlorine	35-2	11280	11864	10788	11310	4.76	cps
Chromium	52-2	1050	1090	1107	1082	2.69	cps
Cobalt	59-2	77	83	63	74	13.68	cps
Copper	63-2	967	1097	1160	1074	9.17	cps
Dysprosium	156-1	0	17	8	8	100.02	cps
Dysprosium	156-2	0	17	3	7	132.33	cps
Erbium	164-1	67	83	75	75	11.11	cps
Erbium	164-2	27	53	13	31	65.47	cps
Gadolinium	160-1	125	142	125	131	7.37	cps
Gadolinium	160-2	60	63	67	63	5.27	cps
Holmium	165-1	13484716	13099501	12695871	13093363	3.01	cps
Holmium	165-2	6356431	6224489	6433366	6338095	1.67	cps
Indium	115-1	12026475	11529234	11290716	11615475	3.23	cps
Indium	115-2	1747440	1727964	1747596	1741000	0.65	cps
Iron	54-2	611	589	722	641	11.15	cps
Iron	56-2	4801	4962	5418	5060	6.32	cps
Iron	57-2	139	189	172	167	15.28	cps

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 10:19:43	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	877	937	853	889	4.84	cps
Lead	206-1	1472	1400	1572	1482	5.84	cps
Lead	207-1	1361	1311	1067	1246	12.64	cps
Lead	208-1	6134	6001	5967	6034	1.46	cps
Lithium	6-1	4750684	4668746	4716757	4712062	0.87	cps
Magnesium	24-2	325	300	367	331	10.19	cps
Manganese	55-2	147	210	180	179	17.71	cps
Molybdenum	94-1	425	358	442	408	10.80	cps
Molybdenum	95-1	125	117	75	106	25.38	cps
Molybdenum	96-1	217	217	217	217	0.00	cps
Molybdenum	97-1	42	42	58	47	20.37	cps
Molybdenum	98-1	92	175	167	144	31.77	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	150	110	157	139	18.17	cps
Phosphorus	31-2	117	92	158	122	27.56	cps
Potassium	39-2	18646	18220	17970	18279	1.87	cps
Rhodium	103-1	11717333	11649007	11227360	11531233	2.30	cps
Rhodium	103-2	5256530	5230171	5222557	5236419	0.34	cps
Scandium	45-1	9332072	8956616	8653817	8980835	3.78	cps
Scandium	45-2	243978	245748	248298	246008	0.88	cps
Selenium	82-1	14	23	33	23	40.00	cps
Selenium	77-2	10	0	3	4	114.60	cps
Selenium	78-2	48	45	73	55	27.79	cps
Silicon	28-1	583846	585303	579798	582983	0.49	cps
Silver	107-1	283	400	442	375	21.89	cps
Silver	109-1	200	425	325	317	35.60	cps
Sodium	23-2	36914	35419	35318	35884	2.49	cps
Strontium	86-1	1517	1767	1600	1628	7.82	cps
Strontium	88-1	750	750	650	717	8.06	cps
Sulfur	34-1	510331	504479	506557	507122	0.59	cps
Terbium	159-1	14154675	13558371	13283646	13665564	3.26	cps
Terbium	159-2	6176628	6107739	6220862	6168410	0.92	cps
Thallium	203-1	392	608	467	489	22.51	cps
Thallium	205-1	1158	1125	1192	1158	2.88	cps
Tin	118-1	1050	1450	1267	1256	15.95	cps

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 10:19:43	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	300	325	317	314	4.06	cps
Uranium	238-1	33	83	50	56	45.83	cps
Vanadium	51-2	27	17	20	21	24.12	cps
Ytterbium	172-1	25	33	0	19	89.21	cps
Ytterbium	172-2	28	11	11	17	57.75	cps
Ytterbium	176-1	2217	2150	1984	2117	5.68	cps
Ytterbium	176-2	4229	4062	4317	4203	3.09	cps
Yttrium	89-1	29238320	28446826	28055403	28580183	2.11	cps
Yttrium	89-2	2843016	2861493	2873945	2859485	0.54	cps
Zinc	66-2	530	543	540	538	1.29	cps
Zirconium	90-1	1275	1183	975	1145	13.43	cps
Zirconium	91-1	233	225	200	219	7.90	cps

LB Number : LB116689 Operator : Jaswal
 Lab Sample ID : S2 Instrumnet Name : P8
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-06 10:22:49 DataFile Name : 004CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1630	1614	1684	1642	2.23	cps
Antimony	121-1	20090	19147	18388	19208	4.44	cps
Arsenic	75-2	286	279	265	277	3.86	cps
Barium	135-1	25733	25182	25566	25494	1.11	cps
Barium	137-1	42083	43161	43905	43050	2.13	cps
Beryllium	9-1	3130	3160	3370	3220	4.06	cps
Bismuth	209-1	7902648	8088185	7677807	7889547	2.60	cps
Bismuth	209-2	4446022	4597287	4636138	4559816	2.20	cps
Boron	10-1	7120	7945	8419	7828	8.39	cps
Boron	11-1	33227	36496	36570	35431	5.39	cps
Bromine	81-1	22953	23253	22421	22876	1.84	cps
Cadmium	111-1	3516	3489	3490	3499	0.44	cps
Cadmium	106-1	9387	9679	9612	9559	1.60	cps
Cadmium	108-1	258	250	304	271	10.77	cps
Calcium	43-1	20329	20481	20168	20326	0.77	cps
Calcium	44-1	378700	373715	373554	375323	0.78	cps
Carbon	12-1	6534868	6509928	6461269	6502022	0.58	cps
Carbon	12-2	59053	58793	59780	59209	0.86	cps
Chlorine	35-1	2155188	2077764	1964104	2065685	4.65	cps
Chlorine	35-2	10971	11213	11071	11085	1.10	cps
Chromium	52-2	7285	7325	7075	7229	1.86	cps
Cobalt	59-2	5621	5701	5735	5686	1.02	cps
Copper	63-2	12082	12119	12145	12115	0.26	cps
Dysprosium	156-1	0	17	8	8	100.02	cps
Dysprosium	156-2	7	0	7	4	86.60	cps
Erbium	164-1	75	50	108	78	37.63	cps
Erbium	164-2	43	17	27	29	46.62	cps
Gadolinium	160-1	142	92	158	131	26.57	cps
Gadolinium	160-2	63	73	80	72	11.62	cps
Holmium	165-1	13586877	13604639	12950403	13380640	2.79	cps
Holmium	165-2	6352312	6359960	6568504	6426925	1.91	cps
Indium	115-1	11708663	12498032	11827609	12011435	3.54	cps
Indium	115-2	1752639	1769849	1788871	1770453	1.02	cps
Iron	54-2	7413	7363	7352	7376	0.44	cps
Iron	56-2	131127	128187	125586	128300	2.16	cps
Iron	57-2	3212	3367	3145	3241	3.52	cps

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 10:22:49	DataFile Name :	004CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	840	807	857	834	3.05	cps
Lead	206-1	8486	8742	8353	8527	2.32	cps
Lead	207-1	7430	7736	7425	7530	2.37	cps
Lead	208-1	34636	34279	32856	33924	2.78	cps
Lithium	6-1	4835210	4874155	4784006	4831124	0.94	cps
Magnesium	24-2	109461	110527	107446	109145	1.43	cps
Manganese	55-2	1630	1603	1610	1615	0.86	cps
Molybdenum	94-1	24380	24814	23712	24302	2.28	cps
Molybdenum	95-1	29265	29340	30776	29794	2.86	cps
Molybdenum	96-1	32781	32664	33124	32856	0.73	cps
Molybdenum	97-1	18688	18488	18162	18446	1.44	cps
Molybdenum	98-1	47791	47892	47616	47766	0.29	cps
Neodymium	150-1	20	7	13	13	49.99	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	1673	1730	1723	1709	1.81	cps
Phosphorus	31-2	167	158	75	133	38.02	cps
Potassium	39-2	97220	97949	98065	97745	0.47	cps
Rhodium	103-1	11879658	12242529	11906102	12009430	1.68	cps
Rhodium	103-2	5183841	5215836	5379802	5259826	2.00	cps
Scandium	45-1	9051027	9475409	8874695	9133710	3.38	cps
Scandium	45-2	247906	247529	253822	249752	1.41	cps
Selenium	82-1	1096	1158	1053	1103	4.77	cps
Selenium	77-2	30	23	40	31	26.97	cps
Selenium	78-2	156	128	145	143	9.87	cps
Silicon	28-1	690344	693163	688812	690773	0.32	cps
Silver	107-1	13799	13474	14825	14033	5.03	cps
Silver	109-1	13515	12948	12865	13109	2.70	cps
Sodium	23-2	245131	244802	242332	244088	0.63	cps
Strontium	86-1	5126	6010	5526	5554	7.97	cps
Strontium	88-1	36615	37618	37284	37172	1.37	cps
Sulfur	34-1	519155	522133	517399	519562	0.46	cps
Terbium	159-1	13893259	14421096	13533656	13949337	3.20	cps
Terbium	159-2	6283236	6246045	6345591	6291624	0.80	cps
Thallium	203-1	8903	8645	9087	8878	2.50	cps
Thallium	205-1	21928	22720	21894	22181	2.11	cps
Tin	118-1	43846	44381	43880	44036	0.68	cps

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 10:22:49	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	9620	9904	10070	9865	2.31	cps
Uranium	238-1	25552	25952	25936	25813	0.88	cps
Vanadium	51-2	12109	11905	11978	11997	0.86	cps
Ytterbium	172-1	33	17	42	31	41.66	cps
Ytterbium	172-2	11	0	17	9	91.66	cps
Ytterbium	176-1	2017	2342	2184	2181	7.45	cps
Ytterbium	176-2	3606	3534	3434	3525	2.45	cps
Yttrium	89-1	29767617	30540038	28536300	29614652	3.41	cps
Yttrium	89-2	2836624	2837672	2966815	2880370	2.60	cps
Zinc	66-2	1607	1647	1577	1610	2.18	cps
Zirconium	90-1	21217	21275	21334	21275	0.27	cps
Zirconium	91-1	4759	5159	4417	4779	7.77	cps

LB Number : LB116689 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P8
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-06 10:28:57 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	74706	73300	73678	73895	0.98	cps
Antimony	121-1	500064	494790	496324	497059	0.55	cps
Arsenic	75-2	14238	13988	14296	14174	1.15	cps
Barium	135-1	645479	653031	639582	646031	1.04	cps
Barium	137-1	1149079	1146718	1139067	1144955	0.46	cps
Beryllium	9-1	169147	166444	166923	167505	0.86	cps
Bismuth	209-1	8000508	7897938	7895417	7931288	0.76	cps
Bismuth	209-2	4362386	4480359	4570085	4470943	2.33	cps
Boron	10-1	16276	17527	17701	17168	4.53	cps
Boron	11-1	74601	80113	82367	79027	5.06	cps
Bromine	81-1	24918	24076	22752	23915	4.57	cps
Cadmium	111-1	134113	136460	136047	135540	0.92	cps
Cadmium	106-1	24264	24180	24606	24350	0.93	cps
Cadmium	108-1	10829	10604	10396	10610	2.04	cps
Calcium	43-1	229383	233007	230940	231110	0.79	cps
Calcium	44-1	3839660	3890738	3850716	3860371	0.70	cps
Carbon	12-1	6664585	6835885	6854155	6784875	1.54	cps
Carbon	12-2	63470	64191	64853	64171	1.08	cps
Chlorine	35-1	2137384	2091207	2026379	2084990	2.67	cps
Chlorine	35-2	11722	10979	10854	11185	4.19	cps
Chromium	52-2	160090	158633	158903	159208	0.49	cps
Cobalt	59-2	290060	281614	286414	286029	1.48	cps
Copper	63-2	2371140	2382052	2341703	2364965	0.88	cps
Dysprosium	156-1	42	33	33	36	13.33	cps
Dysprosium	156-2	20	13	20	18	21.66	cps
Erbium	164-1	83	75	67	75	11.11	cps
Erbium	164-2	40	33	40	38	10.19	cps
Gadolinium	160-1	225	167	175	189	16.70	cps
Gadolinium	160-2	63	70	67	67	5.00	cps
Holmium	165-1	13588722	13309573	13787670	13561988	1.77	cps
Holmium	165-2	6383973	6406767	6376879	6389206	0.24	cps
Indium	115-1	11912309	12158134	12211070	12093838	1.32	cps
Indium	115-2	1679146	1704902	1741601	1708550	1.84	cps
Iron	54-2	349635	342270	347428	346445	1.09	cps
Iron	56-2	6393847	6308440	6243150	6315145	1.20	cps
Iron	57-2	156775	155837	156494	156369	0.31	cps

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 10:28:57	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	953	893	830	892	6.91	cps
Lead	206-1	1929960	1917507	1891753	1913074	1.02	cps
Lead	207-1	1565297	1578318	1675441	1606352	3.75	cps
Lead	208-1	7620949	7591616	7652868	7621811	0.40	cps
Lithium	6-1	4930564	4839174	4962582	4910774	1.30	cps
Magnesium	24-2	1179242	1146382	1152726	1159450	1.50	cps
Manganese	55-2	760915	752932	744017	752621	1.12	cps
Molybdenum	94-1	1270661	1257945	1257724	1262110	0.59	cps
Molybdenum	95-1	1588942	1547187	1566748	1567625	1.33	cps
Molybdenum	96-1	1711038	1742879	1731859	1728592	0.94	cps
Molybdenum	97-1	938949	947979	938774	941901	0.56	cps
Molybdenum	98-1	2500828	2501055	2520938	2507607	0.46	cps
Neodymium	150-1	73	33	33	47	49.50	cps
Neodymium	150-2	7	3	13	8	65.47	cps
Nickel	60-2	78790	80838	79886	79838	1.28	cps
Phosphorus	31-2	2409	2659	2700	2589	6.09	cps
Potassium	39-2	440836	436918	436014	437923	0.59	cps
Rhodium	103-1	11957843	12060417	12246140	12088133	1.21	cps
Rhodium	103-2	5038620	5156764	5316652	5170679	2.70	cps
Scandium	45-1	9241660	9223359	9384829	9283283	0.95	cps
Scandium	45-2	237820	247300	249280	244800	2.50	cps
Selenium	82-1	10741	10724	10746	10737	0.11	cps
Selenium	77-2	297	303	227	276	15.41	cps
Selenium	78-2	1056	1056	1053	1055	0.16	cps
Silicon	28-1	1059505	1071224	1088597	1073109	1.36	cps
Silver	107-1	730701	719446	722057	724068	0.81	cps
Silver	109-1	704194	695348	718654	706066	1.67	cps
Sodium	23-2	2201616	2215572	2227126	2214771	0.58	cps
Strontium	86-1	2068981	2063973	2064562	2065839	0.13	cps
Strontium	88-1	17317952	17690594	17634930	17547825	1.15	cps
Sulfur	34-1	578967	580478	571493	576979	0.83	cps
Terbium	159-1	14086769	13909325	13983922	13993339	0.64	cps
Terbium	159-2	6110294	6387563	6342835	6280231	2.37	cps
Thallium	203-1	445782	441267	442421	443157	0.53	cps
Thallium	205-1	1071226	1055438	1068917	1065194	0.80	cps
Tin	118-1	458165	455411	455328	456301	0.35	cps

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 10:28:57	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	485218	483959	488550	485909	0.49	cps
Uranium	238-1	1367689	1366479	1351804	1361991	0.65	cps
Vanadium	51-2	122640	121841	119675	121385	1.26	cps
Ytterbium	172-1	25	17	25	22	21.64	cps
Ytterbium	172-2	28	17	17	20	31.48	cps
Ytterbium	176-1	3867	3751	4209	3942	6.04	cps
Ytterbium	176-2	3645	4117	3951	3904	6.14	cps
Yttrium	89-1	30267396	29926412	30095160	30096323	0.57	cps
Yttrium	89-2	2812952	2899514	2902027	2871498	1.77	cps
Zinc	66-2	245435	241420	242334	243063	0.87	cps
Zirconium	90-1	1099119	1100871	1091534	1097175	0.45	cps
Zirconium	91-1	244952	241826	240818	242532	0.89	cps

LB Number : LB116689 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-06 10:32:00 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	185092	184147	183290	184176	0.49	cps
Antimony	121-1	1270817	1261334	1274965	1269039	0.55	cps
Arsenic	75-2	34532	34745	34678	34652	0.31	cps
Barium	135-1	1695574	1642302	1678926	1672267	1.63	cps
Barium	137-1	2899046	2845148	2914562	2886252	1.26	cps
Beryllium	9-1	416727	425285	425481	422498	1.18	cps
Bismuth	209-1	7965152	7914707	8024900	7968253	0.69	cps
Bismuth	209-2	4525459	4547890	4453532	4508960	1.09	cps
Boron	10-1	38436	41552	43558	41182	6.27	cps
Boron	11-1	181152	195771	204230	193718	6.03	cps
Bromine	81-1	21158	22491	23022	22224	4.32	cps
Cadmium	111-1	334279	341389	334675	336781	1.19	cps
Cadmium	106-1	47450	47549	47532	47511	0.11	cps
Cadmium	108-1	27436	26175	26822	26811	2.35	cps
Calcium	43-1	580479	575569	572836	576295	0.67	cps
Calcium	44-1	9413012	9540723	9344024	9432587	1.06	cps
Carbon	12-1	7015319	7220368	7135853	7123847	1.45	cps
Carbon	12-2	65379	66367	67104	66283	1.31	cps
Chlorine	35-1	2082074	1981613	1878497	1980728	5.14	cps
Chlorine	35-2	10863	11071	10196	10710	4.27	cps
Chromium	52-2	388141	387325	386083	387183	0.27	cps
Cobalt	59-2	709275	713344	699352	707323	1.02	cps
Copper	63-2	5783494	5689770	5775362	5749542	0.90	cps
Dysprosium	156-1	67	50	50	56	17.32	cps
Dysprosium	156-2	43	17	33	31	43.29	cps
Erbium	164-1	92	83	92	89	5.41	cps
Erbium	164-2	27	47	20	31	44.61	cps
Gadolinium	160-1	200	225	242	222	9.44	cps
Gadolinium	160-2	73	73	87	78	9.90	cps
Holmium	165-1	13734619	13634918	13875613	13748383	0.88	cps
Holmium	165-2	6449067	6352774	6390696	6397512	0.76	cps
Indium	115-1	12326652	12256115	12062299	12215022	1.12	cps
Indium	115-2	1701415	1700940	1726267	1709541	0.85	cps
Iron	54-2	861434	851315	846253	853001	0.91	cps
Iron	56-2	15488061	15903104	15721590	15704252	1.32	cps
Iron	57-2	378554	379740	383498	380597	0.68	cps

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 10:32:00	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	847	867	933	882	5.14	cps
Lead	206-1	4835502	4958268	4737655	4843809	2.28	cps
Lead	207-1	4290995	4325281	4225194	4280490	1.19	cps
Lead	208-1	19404202	19462742	19257345	19374763	0.55	cps
Lithium	6-1	4989133	4982039	5062830	5011334	0.89	cps
Magnesium	24-2	2840679	2788767	2853846	2827764	1.22	cps
Manganese	55-2	1940797	1910970	1917747	1923171	0.81	cps
Molybdenum	94-1	3226118	3224302	3183520	3211313	0.75	cps
Molybdenum	95-1	3914925	3929344	3808676	3884315	1.70	cps
Molybdenum	96-1	4314256	4308051	4192236	4271514	1.61	cps
Molybdenum	97-1	2389674	2426007	2399629	2405103	0.78	cps
Molybdenum	98-1	6149805	6247010	6088922	6161912	1.29	cps
Neodymium	150-1	87	87	80	84	4.56	cps
Neodymium	150-2	3	0	17	7	132.33	cps
Nickel	60-2	197913	192009	194760	194894	1.52	cps
Phosphorus	31-2	6377	6768	6710	6618	3.19	cps
Potassium	39-2	1042645	1055028	1068906	1055526	1.24	cps
Rhodium	103-1	11917980	11785265	11538935	11747393	1.64	cps
Rhodium	103-2	5090061	5089308	5096117	5091829	0.07	cps
Scandium	45-1	9258881	9188174	9207725	9218260	0.40	cps
Scandium	45-2	249251	247876	239563	245563	2.13	cps
Selenium	82-1	26602	26890	26796	26763	0.55	cps
Selenium	77-2	677	743	683	701	5.24	cps
Selenium	78-2	2335	2367	2338	2347	0.75	cps
Silicon	28-1	1706798	1744196	1724733	1725242	1.08	cps
Silver	107-1	1946819	1903616	1842902	1897779	2.75	cps
Silver	109-1	1776360	1823314	1788751	1796142	1.35	cps
Sodium	23-2	5490869	5256711	5322591	5356723	2.25	cps
Strontium	86-1	4975813	5108445	5047600	5043952	1.32	cps
Strontium	88-1	43626295	43366312	44258443	43750350	1.05	cps
Sulfur	34-1	616857	611486	614150	614164	0.44	cps
Terbium	159-1	14629256	14371141	14611922	14537439	0.99	cps
Terbium	159-2	6176244	6195460	6264604	6212103	0.75	cps
Thallium	203-1	1128940	1160540	1134919	1141466	1.47	cps
Thallium	205-1	2815625	2913854	2755849	2828443	2.82	cps
Tin	118-1	1173763	1146763	1157109	1159212	1.18	cps

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 10:32:00	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1211725	1250703	1220907	1227778	1.66	cps
Uranium	238-1	3627883	3544899	3593350	3588711	1.16	cps
Vanadium	51-2	302921	300207	302157	301762	0.46	cps
Ytterbium	172-1	25	25	42	31	31.50	cps
Ytterbium	172-2	22	17	6	15	57.25	cps
Ytterbium	176-1	7177	6744	6485	6802	5.14	cps
Ytterbium	176-2	5101	5757	5340	5399	6.15	cps
Yttrium	89-1	30463227	30127168	30604656	30398350	0.81	cps
Yttrium	89-2	2838538	2791379	2876575	2835497	1.51	cps
Zinc	66-2	599867	587295	587409	591523	1.22	cps
Zirconium	90-1	2811075	2769755	2820625	2800485	0.97	cps
Zirconium	91-1	614276	598141	601939	604785	1.39	cps

LB Number : LB116689 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P8
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-06 10:35:06 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	366993	362297	365176	364822	0.65	cps
Antimony	121-1	2606552	2582400	2617175	2602042	0.68	cps
Arsenic	75-2	69616	68774	68948	69113	0.64	cps
Barium	135-1	3396502	3336633	3428194	3387110	1.37	cps
Barium	137-1	5780353	5759378	5940016	5826582	1.70	cps
Beryllium	9-1	829061	837182	841472	835905	0.75	cps
Bismuth	209-1	7940252	7957803	8244601	8047552	2.12	cps
Bismuth	209-2	4550571	4586209	4493093	4543291	1.03	cps
Boron	10-1	78859	84781	87553	83731	5.30	cps
Boron	11-1	372366	397137	399710	389738	3.87	cps
Bromine	81-1	23594	22642	21589	22608	4.44	cps
Cadmium	111-1	679290	677095	660974	672453	1.49	cps
Cadmium	106-1	84325	86941	85171	85479	1.56	cps
Cadmium	108-1	52688	52838	53880	53135	1.22	cps
Calcium	43-1	1174785	1186341	1148432	1169852	1.66	cps
Calcium	44-1	18522657	18941580	18689346	18717861	1.13	cps
Carbon	12-1	7010878	7136048	7161566	7102830	1.14	cps
Carbon	12-2	67539	68461	68460	68153	0.78	cps
Chlorine	35-1	1982421	1957742	1875457	1938540	2.89	cps
Chlorine	35-2	10079	10396	9503	9993	4.53	cps
Chromium	52-2	776796	768105	766213	770371	0.73	cps
Cobalt	59-2	1491759	1505756	1443121	1480212	2.22	cps
Copper	63-2	11076544	11005548	11047197	11043097	0.32	cps
Dysprosium	156-1	158	208	158	175	16.50	cps
Dysprosium	156-2	53	60	57	57	5.89	cps
Erbium	164-1	75	100	117	97	21.57	cps
Erbium	164-2	53	37	47	46	18.41	cps
Gadolinium	160-1	192	333	200	242	32.90	cps
Gadolinium	160-2	193	90	117	133	40.24	cps
Holmium	165-1	13632060	13648357	14302413	13860943	2.76	cps
Holmium	165-2	6434012	6438427	6427399	6433279	0.09	cps
Indium	115-1	11833451	12124428	12111783	12023221	1.37	cps
Indium	115-2	1706620	1717270	1705227	1709706	0.39	cps
Iron	54-2	1773802	1712355	1764062	1750073	1.89	cps
Iron	56-2	30966999	30866995	30861363	30898452	0.19	cps
Iron	57-2	759902	769890	767276	765689	0.68	cps

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 10:35:06	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	910	827	900	879	5.18	cps
Lead	206-1	9690260	9537548	9668381	9632063	0.86	cps
Lead	207-1	8416435	8320532	8616433	8451134	1.79	cps
Lead	208-1	39122983	37978115	39219640	38773580	1.78	cps
Lithium	6-1	4809921	4702882	4916585	4809796	2.22	cps
Magnesium	24-2	5546733	5603365	5539943	5563347	0.63	cps
Manganese	55-2	3822304	3743595	3741478	3769126	1.22	cps
Molybdenum	94-1	6355761	6363965	6363217	6360981	0.07	cps
Molybdenum	95-1	7747429	7778860	7763185	7763158	0.20	cps
Molybdenum	96-1	8613138	8572945	8592353	8592812	0.23	cps
Molybdenum	97-1	4867987	4751386	4784117	4801164	1.25	cps
Molybdenum	98-1	12472171	12487441	12206986	12388866	1.27	cps
Neodymium	150-1	247	227	173	216	17.59	cps
Neodymium	150-2	7	13	0	7	99.98	cps
Nickel	60-2	388306	385538	382899	385581	0.70	cps
Phosphorus	31-2	11797	13115	12564	12492	5.30	cps
Potassium	39-2	2133463	2085897	2078816	2099392	1.42	cps
Rhodium	103-1	11660423	11761867	11596033	11672774	0.72	cps
Rhodium	103-2	5073311	5087050	5026526	5062295	0.63	cps
Scandium	45-1	8880056	9059883	9172764	9037568	1.63	cps
Scandium	45-2	240734	242493	243154	242127	0.52	cps
Selenium	82-1	53867	53926	53191	53661	0.76	cps
Selenium	77-2	1197	1320	1297	1271	5.15	cps
Selenium	78-2	4618	4542	4622	4594	0.98	cps
Silicon	28-1	2719210	2859174	3042457	2873613	5.64	cps
Silver	107-1	3703188	3659428	3737480	3700032	1.06	cps
Silver	109-1	3666828	3608169	3614769	3629922	0.89	cps
Sodium	23-2	10763901	10857490	10816301	10812564	0.43	cps
Strontium	86-1	10070567	10168066	9931606	10056747	1.18	cps
Strontium	88-1	87439617	86697637	84427644	86188299	1.82	cps
Sulfur	34-1	733042	729395	724533	728990	0.59	cps
Terbium	159-1	14559101	14530869	14508403	14532791	0.17	cps
Terbium	159-2	6317616	6241246	6282633	6280498	0.61	cps
Thallium	203-1	2470015	2387174	2334979	2397389	2.84	cps
Thallium	205-1	5604983	5530224	5505931	5547046	0.93	cps
Tin	118-1	2384344	2364017	2336926	2361763	1.01	cps

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 10:35:06	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2460479	2450017	2440324	2450273	0.41	cps
Uranium	238-1	7353810	7244823	7245235	7281289	0.86	cps
Vanadium	51-2	606265	605850	606220	606112	0.04	cps
Ytterbium	172-1	42	33	0	25	88.19	cps
Ytterbium	172-2	11	28	17	19	45.83	cps
Ytterbium	176-1	11772	11739	11806	11772	0.28	cps
Ytterbium	176-2	7769	7741	7274	7595	3.66	cps
Yttrium	89-1	29913950	29524878	29832224	29757017	0.69	cps
Yttrium	89-2	2866188	2755339	2776946	2799491	2.10	cps
Zinc	66-2	1170647	1169103	1169001	1169584	0.08	cps
Zirconium	90-1	5560036	5499093	5444628	5501253	1.05	cps
Zirconium	91-1	1216340	1201184	1199259	1205594	0.78	cps

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 10:38:09	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	715736	711269	706903	711303	0.62	cps
Antimony	121-1	5131374	5171994	5171031	5158133	0.45	cps
Arsenic	75-2	136196	136348	135914	136153	0.16	cps
Barium	135-1	6550845	6662003	6720283	6644377	1.30	cps
Barium	137-1	11771083	11379630	11520645	11557119	1.72	cps
Beryllium	9-1	1681288	1721676	1726805	1709923	1.46	cps
Bismuth	209-1	8011961	8096296	7994703	8034320	0.68	cps
Bismuth	209-2	4617629	4506279	4564231	4562713	1.22	cps
Boron	10-1	161425	172009	173859	169097	3.97	cps
Boron	11-1	746687	772318	812418	777141	4.26	cps
Bromine	81-1	22391	23865	23153	23136	3.19	cps
Cadmium	111-1	1330045	1308144	1325177	1321122	0.87	cps
Cadmium	106-1	161566	159247	161025	160613	0.76	cps
Cadmium	108-1	104018	105693	103640	104450	1.05	cps
Calcium	43-1	2372212	2356123	2383777	2370704	0.59	cps
Calcium	44-1	37219520	36450126	37059219	36909622	1.10	cps
Carbon	12-1	7135381	7006990	7133697	7092023	1.04	cps
Carbon	12-2	66593	67647	69020	67754	1.80	cps
Chlorine	35-1	1920672	1818082	1774265	1837673	4.09	cps
Chlorine	35-2	9854	9687	9587	9709	1.39	cps
Chromium	52-2	1597572	1542274	1591930	1577259	1.93	cps
Cobalt	59-2	2843818	2823583	2898725	2855375	1.36	cps
Copper	63-2	21931707	22014936	21755623	21900756	0.60	cps
Dysprosium	156-1	250	233	283	256	9.96	cps
Dysprosium	156-2	97	87	107	97	10.34	cps
Erbium	164-1	158	75	100	111	38.49	cps
Erbium	164-2	50	60	63	58	12.01	cps
Gadolinium	160-1	300	333	425	353	18.35	cps
Gadolinium	160-2	167	197	133	166	19.13	cps
Holmium	165-1	14020930	14265441	13940096	14075489	1.20	cps
Holmium	165-2	6891813	6615625	6520182	6675873	2.89	cps
Indium	115-1	12306858	12246588	12127778	12227074	0.75	cps
Indium	115-2	1724764	1679157	1714733	1706218	1.40	cps
Iron	54-2	3493951	3482105	3432529	3469528	0.94	cps
Iron	56-2	60234447	61563308	61064804	60954187	1.10	cps
Iron	57-2	1546445	1575814	1555435	1559231	0.97	cps

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 10:38:09	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	780	853	903	846	7.34	cps
Lead	206-1	19471789	18937882	19280388	19230020	1.41	cps
Lead	207-1	16804066	16704077	16733588	16747243	0.31	cps
Lead	208-1	77250242	76848835	77185684	77094920	0.28	cps
Lithium	6-1	4925327	4911389	5009654	4948790	1.07	cps
Magnesium	24-2	10981998	10908334	10949364	10946565	0.34	cps
Manganese	55-2	7350578	7466288	7451437	7422768	0.85	cps
Molybdenum	94-1	12482061	12752368	12548746	12594392	1.12	cps
Molybdenum	95-1	15228033	15576345	15279522	15361300	1.22	cps
Molybdenum	96-1	17131504	17330492	17312039	17258012	0.64	cps
Molybdenum	97-1	9546531	9472761	9461653	9493648	0.49	cps
Molybdenum	98-1	24588353	24478105	24369561	24478673	0.45	cps
Neodymium	150-1	313	367	273	318	14.74	cps
Neodymium	150-2	23	13	20	19	26.96	cps
Nickel	60-2	757223	754119	745813	752385	0.78	cps
Phosphorus	31-2	25423	24663	24313	24800	2.29	cps
Potassium	39-2	4134927	4041340	4092710	4089659	1.15	cps
Rhodium	103-1	11930920	11483840	11603393	11672717	1.98	cps
Rhodium	103-2	5171886	5039915	5101175	5104326	1.29	cps
Scandium	45-1	9263906	9106324	9345714	9238648	1.32	cps
Scandium	45-2	252034	243118	246478	247210	1.82	cps
Selenium	82-1	104455	105219	105111	104928	0.39	cps
Selenium	77-2	2577	2830	2624	2677	5.04	cps
Selenium	78-2	9009	8972	9009	8996	0.24	cps
Silicon	28-1	4975338	5122382	5049654	5049125	1.46	cps
Silver	107-1	7296679	7346901	7310917	7318166	0.35	cps
Silver	109-1	6749400	6818782	6871416	6813199	0.90	cps
Sodium	23-2	20722514	20899993	21150080	20924196	1.03	cps
Strontium	86-1	19997725	20042933	19643076	19894578	1.10	cps
Strontium	88-1	170217045	173915412	169733562	171288673	1.34	cps
Sulfur	34-1	913189	914430	906134	911251	0.49	cps
Terbium	159-1	14984380	14723019	14711269	14806223	1.04	cps
Terbium	159-2	6637897	6344204	6420045	6467382	2.36	cps
Thallium	203-1	4647936	4807748	4795082	4750255	1.87	cps
Thallium	205-1	11083076	10977528	11224872	11095159	1.12	cps
Tin	118-1	4599954	4736774	4637358	4658028	1.52	cps

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 10:38:09	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4761655	4774290	4911720	4815889	1.73	cps
Uranium	238-1	14751171	14828899	14957659	14845910	0.70	cps
Vanadium	51-2	1170107	1187853	1180917	1179626	0.76	cps
Ytterbium	172-1	50	33	33	39	24.75	cps
Ytterbium	172-2	0	28	11	13	107.86	cps
Ytterbium	176-1	21276	21376	20617	21090	1.96	cps
Ytterbium	176-2	12134	12234	11956	12108	1.16	cps
Yttrium	89-1	29545453	29816419	29642901	29668258	0.46	cps
Yttrium	89-2	2889160	2837273	2865938	2864123	0.91	cps
Zinc	66-2	2325392	2343176	2395112	2354560	1.54	cps
Zirconium	90-1	10949581	11006137	10818716	10924812	0.88	cps
Zirconium	91-1	2469619	2458099	2430840	2452853	0.81	cps

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 10:41:15	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1476151	1453893	1488874	1472973	1.20	cps
Antimony	121-1	10168452	10403771	10089050	10220424	1.60	cps
Arsenic	75-2	275071	271244	274454	273590	0.75	cps
Barium	135-1	13517807	13570702	13551264	13546591	0.20	cps
Barium	137-1	23327065	23463777	23470739	23420527	0.35	cps
Beryllium	9-1	3172412	3339267	3212708	3241462	2.69	cps
Bismuth	209-1	7993785	8262484	7902531	8052933	2.32	cps
Bismuth	209-2	4487435	4572293	4335756	4465161	2.68	cps
Boron	10-1	321331	337619	346751	335234	3.84	cps
Boron	11-1	1400018	1484641	1524453	1469704	4.32	cps
Bromine	81-1	24658	23143	24557	24119	3.51	cps
Cadmium	111-1	2684993	2677762	2661013	2674589	0.46	cps
Cadmium	106-1	313763	313616	312863	313414	0.15	cps
Cadmium	108-1	209196	208992	212142	210110	0.84	cps
Calcium	43-1	4762903	4784006	4756143	4767684	0.30	cps
Calcium	44-1	75406639	76321695	75417958	75715431	0.69	cps
Carbon	12-1	7154944	7365882	7487188	7336005	2.29	cps
Carbon	12-2	71709	72085	70863	71553	0.87	cps
Chlorine	35-1	1885218	1826368	1815299	1842295	2.04	cps
Chlorine	35-2	9612	9537	9412	9520	1.06	cps
Chromium	52-2	3208878	3128082	3279432	3205464	2.36	cps
Cobalt	59-2	5631523	5698191	5671068	5666928	0.59	cps
Copper	63-2	43539081	43750089	43736554	43675242	0.27	cps
Dysprosium	156-1	492	417	467	458	8.33	cps
Dysprosium	156-2	227	230	223	227	1.47	cps
Erbium	164-1	158	150	125	144	12.01	cps
Erbium	164-2	53	77	97	76	28.71	cps
Gadolinium	160-1	642	617	783	681	13.21	cps
Gadolinium	160-2	287	290	290	289	0.67	cps
Holmium	165-1	14141251	14265423	14208066	14204914	0.44	cps
Holmium	165-2	6525742	6789738	6245343	6520275	4.18	cps
Indium	115-1	11899637	12261796	11674364	11945266	2.48	cps
Indium	115-2	1654989	1726166	1671828	1684327	2.21	cps
Iron	54-2	6895729	6725665	6898179	6839858	1.45	cps
Iron	56-2	122906653	122024653	121286730	122072679	0.66	cps
Iron	57-2	3162663	3124057	3171473	3152731	0.80	cps

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 10:41:15	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	803	937	923	888	8.27	cps
Lead	206-1	38915580	38781765	38897913	38865086	0.19	cps
Lead	207-1	34084521	33868096	34017127	33989915	0.33	cps
Lead	208-1	155858375	156685054	154992428	155845286	0.54	cps
Lithium	6-1	4794825	4818016	4826509	4813117	0.34	cps
Magnesium	24-2	21720713	21893181	22212487	21942127	1.14	cps
Manganese	55-2	15281587	14849538	15239436	15123520	1.58	cps
Molybdenum	94-1	25270814	25355642	25424765	25350407	0.30	cps
Molybdenum	95-1	30847215	31111235	31557146	31171865	1.15	cps
Molybdenum	96-1	34341871	34953528	34775697	34690365	0.91	cps
Molybdenum	97-1	18940592	19006455	19305074	19084040	1.02	cps
Molybdenum	98-1	49568092	49506543	49782448	49619027	0.29	cps
Neodymium	150-1	620	613	573	602	4.19	cps
Neodymium	150-2	40	27	17	28	42.13	cps
Nickel	60-2	1560617	1579651	1605998	1582088	1.44	cps
Phosphorus	31-2	49117	48750	49694	49187	0.97	cps
Potassium	39-2	8083801	8168093	8190556	8147483	0.69	cps
Rhodium	103-1	11616743	11660337	11445963	11574348	0.98	cps
Rhodium	103-2	4911742	5046636	5051730	5003369	1.59	cps
Scandium	45-1	9509317	9534663	9331665	9458548	1.17	cps
Scandium	45-2	245856	250999	242198	246351	1.79	cps
Selenium	82-1	209229	211120	211623	210657	0.60	cps
Selenium	77-2	5181	5208	5304	5231	1.24	cps
Selenium	78-2	17723	17993	18142	17953	1.18	cps
Silicon	28-1	8553125	8679827	8715717	8649556	0.99	cps
Silver	107-1	14396389	14786166	14393887	14525481	1.55	cps
Silver	109-1	13774788	13804701	14088885	13889458	1.25	cps
Sodium	23-2	41665266	41949304	42473194	42029254	0.98	cps
Strontium	86-1	40565655	40389565	40988591	40647937	0.76	cps
Strontium	88-1	348746933	351010525	352672300	350809919	0.56	cps
Sulfur	34-1	1168656	1183332	1170811	1174266	0.67	cps
Terbium	159-1	15056203	15145868	14829892	15010654	1.08	cps
Terbium	159-2	6407764	6465119	6287871	6386918	1.42	cps
Thallium	203-1	9141817	9518265	9550374	9403485	2.42	cps
Thallium	205-1	22477239	22479575	22549506	22502107	0.18	cps
Tin	118-1	9251067	9597521	9128422	9325670	2.61	cps

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 10:41:15	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	9748346	9855639	9711032	9771672	0.77	cps
Uranium	238-1	29545199	29729240	29570230	29614890	0.34	cps
Vanadium	51-2	2485005	2461798	2519754	2488853	1.17	cps
Ytterbium	172-1	58	50	33	47	26.96	cps
Ytterbium	172-2	11	11	17	13	24.76	cps
Ytterbium	176-1	42352	41943	42101	42132	0.49	cps
Ytterbium	176-2	21696	21434	21952	21694	1.19	cps
Yttrium	89-1	30224797	31070141	30060212	30451717	1.78	cps
Yttrium	89-2	2852421	2914928	2794342	2853897	2.11	cps
Zinc	66-2	4644558	4561316	4734976	4646950	1.87	cps
Zirconium	90-1	22005734	22491786	22257091	22251537	1.09	cps
Zirconium	91-1	4879169	4956329	4967340	4934279	0.97	cps

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 10:51:12	DataFile Name :	013CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7337503	7396369	7551153	7428342	1.49	cps
Antimony	121-1	3842	3984	3926	3917	1.82	cps
Arsenic	75-2	97	96	93	95	2.18	cps
Barium	135-1	5134	4793	4951	4959	3.45	cps
Barium	137-1	8511	8553	8520	8528	0.26	cps
Beryllium	9-1	164	162	172	166	3.19	cps
Bismuth	209-1	7192514	6747503	7176507	7038842	3.59	cps
Bismuth	209-2	4201640	4199353	4249736	4216910	0.67	cps
Boron	10-1	9991	10278	9663	9977	3.08	cps
Boron	11-1	47595	45774	44675	46015	3.21	cps
Bromine	81-1	24326	23584	25088	24333	3.09	cps
Cadmium	111-1	1325	1107	1148	1193	9.71	cps
Cadmium	106-1	9395	8578	8711	8895	4.93	cps
Cadmium	108-1	408	413	408	410	0.59	cps
Calcium	43-1	20405086	21113780	21116727	20878531	1.96	cps
Calcium	44-1	333452899	343289669	340649149	339130573	1.50	cps
Carbon	12-1	7406464	7791061	7486392	7561306	2.68	cps
Carbon	12-2	82599	82364	82800	82588	0.26	cps
Chlorine	35-1	3697708	3846411	3814344	3786154	2.07	cps
Chlorine	35-2	23561	24889	25331	24594	3.74	cps
Chromium	52-2	10831	11004	10270	10702	3.58	cps
Cobalt	59-2	13286	12859	12752	12966	2.18	cps
Copper	63-2	11061	11582	10754	11132	3.76	cps
Dysprosium	156-1	2092	1650	1692	1811	13.47	cps
Dysprosium	156-2	860	893	840	864	3.12	cps
Erbium	164-1	308	450	433	397	19.49	cps
Erbium	164-2	133	170	190	164	17.47	cps
Gadolinium	160-1	2000	2050	2042	2031	1.32	cps
Gadolinium	160-2	1107	1100	1110	1106	0.46	cps
Holmium	165-1	14207958	12885486	13770558	13621334	4.95	cps
Holmium	165-2	6761902	6706967	6773761	6747543	0.53	cps
Indium	115-1	11796955	10818182	11717762	11444300	4.75	cps
Indium	115-2	1784551	1805887	1817536	1802658	0.93	cps
Iron	54-2	33327908	33244220	33444827	33338985	0.30	cps
Iron	56-2	609439703	603080702	607147614	606556006	0.53	cps
Iron	57-2	15190533	15221662	15352759	15254984	0.56	cps

LB Number : LB116689 Operator : Jaswal
 Lab Sample ID : S8 Instrumnet Name : P8
 Client Sample ID : S8 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-06 10:51:12 DataFile Name : 013CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	943	927	943	938	1.03	cps
Lead	206-1	11917	11756	12000	11891	1.05	cps
Lead	207-1	10093	10354	10632	10360	2.60	cps
Lead	208-1	47184	47474	47334	47331	0.31	cps
Lithium	6-1	4668798	4304364	4501458	4491540	4.06	cps
Magnesium	24-2	109708798	109625557	110905632	110079996	0.65	cps
Manganese	55-2	16673	16566	16426	16555	0.75	cps
Molybdenum	94-1	6635	6427	6485	6516	1.65	cps
Molybdenum	95-1	5876	6110	6593	6193	5.90	cps
Molybdenum	96-1	19965	20649	20666	20427	1.96	cps
Molybdenum	97-1	3826	3867	3884	3859	0.78	cps
Molybdenum	98-1	8870	8836	9278	8995	2.74	cps
Neodymium	150-1	80	80	93	84	9.12	cps
Neodymium	150-2	7	13	17	12	41.65	cps
Nickel	60-2	5805	5788	5711	5768	0.86	cps
Phosphorus	31-2	167	175	167	169	2.84	cps
Potassium	39-2	41787000	42332925	41271756	41797227	1.27	cps
Rhodium	103-1	10898327	10071414	10749283	10573008	4.17	cps
Rhodium	103-2	4932763	5010948	5045463	4996392	1.16	cps
Scandium	45-1	9436603	8573552	9387902	9132686	5.31	cps
Scandium	45-2	260827	263710	256800	260446	1.33	cps
Selenium	82-1	193	195	177	188	5.04	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	71	63	74	69	8.20	cps
Silicon	28-1	1248492	1392509	1473206	1371402	8.30	cps
Silver	107-1	2484	2900	2859	2748	8.35	cps
Silver	109-1	2725	3050	2567	2781	8.86	cps
Sodium	23-2	209354871	207264350	206524000	207714407	0.71	cps
Strontium	86-1	16385	16977	16085	16482	2.76	cps
Strontium	88-1	133240	131156	130163	131519	1.19	cps
Sulfur	34-1	420256	418970	417710	418978	0.30	cps
Terbium	159-1	14154204	13430900	14073859	13886321	2.85	cps
Terbium	159-2	6532621	6523843	6647824	6568096	1.05	cps
Thallium	203-1	1242	1167	1208	1206	3.12	cps
Thallium	205-1	3217	2992	2692	2967	8.88	cps
Tin	118-1	4884	4668	5151	4901	4.94	cps

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 10:51:12	DataFile Name :	013CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1408	1600	1683	1564	9.02	cps
Uranium	238-1	2575	2484	2334	2464	4.95	cps
Vanadium	51-2	453	357	353	388	14.65	cps
Ytterbium	172-1	108	67	67	81	29.86	cps
Ytterbium	172-2	61	28	61	50	38.49	cps
Ytterbium	176-1	2109	1934	2034	2025	4.34	cps
Ytterbium	176-2	2889	3017	3156	3021	4.42	cps
Yttrium	89-1	30237215	27868234	30233710	29446387	4.64	cps
Yttrium	89-2	3034050	3113253	3139937	3095746	1.78	cps
Zinc	66-2	12372	12549	12422	12448	0.73	cps
Zirconium	90-1	5826	5943	5593	5787	3.08	cps
Zirconium	91-1	1108	1450	1150	1236	15.08	cps

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	ICV44	Instrumnet Name :	P8
Client Sample ID :	ICV44	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 11:11:47	DataFile Name :	015ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	37448	37943	37487	37626	0.73	cps
Antimony	121-1	2089026	2155025	2068815	2104289	2.14	cps
Arsenic	75-2	59759	59282	59256	59433	0.48	cps
Barium	135-1	275606	276302	266158	272689	2.08	cps
Barium	137-1	468325	464016	470406	467582	0.70	cps
Beryllium	9-1	301179	303393	307960	304177	1.14	cps
Bismuth	209-1	8345060	8149907	8217707	8237558	1.20	cps
Bismuth	209-2	4798698	4728723	4803507	4776976	0.88	cps
Boron	10-1	150767	161718	168880	160455	5.69	cps
Boron	11-1	707393	758259	767913	744521	4.37	cps
Bromine	81-1	27355	28097	26552	27335	2.83	cps
Cadmium	111-1	276521	275079	275699	275766	0.26	cps
Cadmium	106-1	61388	60626	61421	61145	0.74	cps
Cadmium	108-1	31937	31603	31783	31774	0.53	cps
Calcium	43-1	96288	95443	95479	95737	0.50	cps
Calcium	44-1	1711877	1627944	1608217	1649346	3.34	cps
Carbon	12-1	7011163	6903685	7061953	6992267	1.16	cps
Carbon	12-2	65580	66585	64710	65625	1.43	cps
Chlorine	35-1	3035067	2976653	2905027	2972249	2.19	cps
Chlorine	35-2	16894	17252	17160	17102	1.09	cps
Chromium	52-2	328555	325810	326375	326913	0.44	cps
Cobalt	59-2	590571	591683	596635	592963	0.54	cps
Copper	63-2	465282	457598	460554	461145	0.84	cps
Dysprosium	156-1	25	8	25	19	49.50	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	108	133	67	103	32.77	cps
Erbium	164-2	43	30	50	41	24.77	cps
Gadolinium	160-1	167	208	158	178	15.07	cps
Gadolinium	160-2	53	63	73	63	15.79	cps
Holmium	165-1	14392798	14014998	14542040	14316612	1.90	cps
Holmium	165-2	6607535	6841958	6874523	6774672	2.15	cps
Indium	115-1	12972708	12449025	12704553	12708762	2.06	cps
Indium	115-2	1884655	1887072	1935376	1902367	1.50	cps
Iron	54-2	289258	289916	286543	288572	0.62	cps
Iron	56-2	5185137	5125528	5111784	5140817	0.76	cps
Iron	57-2	126249	126854	125734	126279	0.44	cps

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	ICV44	Instrumnet Name :	P8
Client Sample ID :	ICV44	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 11:11:47	DataFile Name :	015ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1013	917	990	973	5.18	cps
Lead	206-1	1733283	1750451	1770765	1751500	1.07	cps
Lead	207-1	1373090	1384993	1356370	1371484	1.05	cps
Lead	208-1	6807779	6820297	6694861	6774312	1.02	cps
Lithium	6-1	4707597	4504035	4754221	4655284	2.86	cps
Magnesium	24-2	258866	262279	258297	259814	0.83	cps
Manganese	55-2	155379	155545	154142	155022	0.49	cps
Molybdenum	94-1	13833528	13748492	13659091	13747037	0.63	cps
Molybdenum	95-1	16818085	17213149	17115246	17048827	1.21	cps
Molybdenum	96-1	18283293	19092852	18641141	18672429	2.17	cps
Molybdenum	97-1	10202574	10420877	10262356	10295269	1.10	cps
Molybdenum	98-1	26343934	27211743	26910512	26822063	1.64	cps
Neodymium	150-1	7	20	20	16	49.47	cps
Neodymium	150-2	0	10	0	3	173.21	cps
Nickel	60-2	179926	182084	181754	181255	0.64	cps
Phosphorus	31-2	125	100	125	117	12.37	cps
Potassium	39-2	343977	353448	352639	350021	1.50	cps
Rhodium	103-1	12708231	12549311	12941227	12732923	1.55	cps
Rhodium	103-2	5504685	5677245	5653563	5611831	1.67	cps
Scandium	45-1	9996784	9437431	9944659	9792958	3.16	cps
Scandium	45-2	271346	266077	272485	269970	1.27	cps
Selenium	82-1	45064	45680	45407	45383	0.68	cps
Selenium	77-2	1123	1117	1247	1162	6.30	cps
Selenium	78-2	4035	4180	3973	4063	2.62	cps
Silicon	28-1	873776	938498	1013482	941919	7.42	cps
Silver	107-1	738717	721132	729619	729823	1.20	cps
Silver	109-1	707446	698838	695778	700688	0.86	cps
Sodium	23-2	884367	889202	904487	892685	1.18	cps
Strontium	86-1	2247063	2187086	2211440	2215196	1.36	cps
Strontium	88-1	18815080	18593045	18587786	18665303	0.70	cps
Sulfur	34-1	397392	396502	390484	394793	0.95	cps
Terbium	159-1	15095514	14413697	15118180	14875797	2.69	cps
Terbium	159-2	6721274	6664923	6627312	6671170	0.71	cps
Thallium	203-1	2098059	2094591	2086022	2092890	0.30	cps
Thallium	205-1	4954397	5022316	4865077	4947263	1.59	cps
Tin	118-1	4705820	4730377	4700839	4712345	0.34	cps

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	ICV44	Instrumnet Name :	P8
Client Sample ID :	ICV44	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 11:11:47	DataFile Name :	015ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4971828	4830137	5049851	4950605	2.25	cps
Uranium	238-1	14394613	14149775	14109125	14217838	1.09	cps
Vanadium	51-2	246605	247907	249504	248005	0.59	cps
Ytterbium	172-1	50	75	50	58	24.74	cps
Ytterbium	172-2	33	6	28	22	66.13	cps
Ytterbium	176-1	20224	21727	20925	20959	3.59	cps
Ytterbium	176-2	12945	13257	13274	13159	1.40	cps
Yttrium	89-1	31627447	31624093	31968739	31740093	0.62	cps
Yttrium	89-2	3063547	3118913	3112754	3098404	0.98	cps
Zinc	66-2	98376	97731	97697	97935	0.39	cps
Zirconium	90-1	11430186	11687783	11364065	11494011	1.49	cps
Zirconium	91-1	2570234	2608519	2634600	2604451	1.24	cps

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 11:32:36	DataFile Name :	018LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1752	1822	1695	1757	3.64	cps
Antimony	121-1	19523	20023	20040	19862	1.48	cps
Arsenic	75-2	302	304	333	313	5.54	cps
Barium	135-1	26493	26560	25859	26304	1.47	cps
Barium	137-1	43914	46807	45026	45249	3.22	cps
Beryllium	9-1	3178	3266	3180	3208	1.57	cps
Bismuth	209-1	8092700	8017727	7583016	7897814	3.48	cps
Bismuth	209-2	4736390	4705404	4699589	4713794	0.42	cps
Boron	10-1	10704	11162	11562	11143	3.85	cps
Boron	11-1	48833	52965	53818	51872	5.14	cps
Bromine	81-1	26643	25429	25620	25897	2.52	cps
Cadmium	111-1	3741	3538	3415	3565	4.62	cps
Cadmium	106-1	8453	8478	7794	8242	4.70	cps
Cadmium	108-1	263	271	242	258	5.82	cps
Calcium	43-1	21759	21399	21397	21518	0.97	cps
Calcium	44-1	406076	405548	406170	405932	0.08	cps
Carbon	12-1	6633960	6717304	6614202	6655155	0.82	cps
Carbon	12-2	62416	60876	60993	61429	1.40	cps
Chlorine	35-1	2773897	2621140	2557390	2650809	4.20	cps
Chlorine	35-2	13632	14391	13190	13737	4.42	cps
Chromium	52-2	7822	7529	7759	7703	2.01	cps
Cobalt	59-2	6101	5998	6095	6065	0.95	cps
Copper	63-2	9206	9303	9397	9302	1.02	cps
Dysprosium	156-1	0	8	17	8	100.02	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	67	92	142	100	38.19	cps
Erbium	164-2	27	63	23	38	58.75	cps
Gadolinium	160-1	150	58	125	111	42.65	cps
Gadolinium	160-2	47	87	67	67	30.00	cps
Holmium	165-1	14169974	14165325	12989382	13774894	4.94	cps
Holmium	165-2	6706653	6738923	6820623	6755400	0.87	cps
Indium	115-1	13180026	12728354	12029341	12645907	4.58	cps
Indium	115-2	1885385	1870559	1859494	1871813	0.69	cps
Iron	54-2	8258	8025	7847	8043	2.56	cps
Iron	56-2	138662	134540	134141	135781	1.84	cps
Iron	57-2	3378	3523	3545	3482	2.60	cps

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 11:32:36	DataFile Name :	018LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	970	930	960	953	2.18	cps
Lead	206-1	9181	9103	8870	9051	1.79	cps
Lead	207-1	8125	8014	7814	7984	1.98	cps
Lead	208-1	38018	36337	35937	36764	3.00	cps
Lithium	6-1	4772728	4801283	4523148	4699053	3.26	cps
Magnesium	24-2	114424	114357	114406	114396	0.03	cps
Manganese	55-2	1957	1967	1760	1895	6.15	cps
Molybdenum	94-1	25875	26818	25582	26092	2.48	cps
Molybdenum	95-1	31854	32155	32096	32035	0.50	cps
Molybdenum	96-1	35112	35270	35563	35315	0.65	cps
Molybdenum	97-1	19573	20691	19948	20071	2.84	cps
Molybdenum	98-1	49974	49832	51739	50515	2.10	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	1733	1823	1817	1791	2.80	cps
Phosphorus	31-2	158	58	158	125	46.19	cps
Potassium	39-2	103604	105846	105174	104874	1.10	cps
Rhodium	103-1	12503749	12254441	11562469	12106887	4.03	cps
Rhodium	103-2	5560991	5522450	5579754	5554399	0.53	cps
Scandium	45-1	9689059	9608261	8931676	9409665	4.42	cps
Scandium	45-2	263689	266566	262947	264401	0.72	cps
Selenium	82-1	1079	1105	1115	1100	1.72	cps
Selenium	77-2	30	20	23	24	20.83	cps
Selenium	78-2	165	169	168	167	1.24	cps
Silicon	28-1	672845	672274	675276	673465	0.24	cps
Silver	107-1	14400	14400	14299	14366	0.40	cps
Silver	109-1	12756	13715	13857	13443	4.46	cps
Sodium	23-2	263978	257999	261404	261127	1.15	cps
Strontium	86-1	6885	6076	6293	6418	6.52	cps
Strontium	88-1	41655	39883	41672	41070	2.50	cps
Sulfur	34-1	460233	460245	457007	459162	0.41	cps
Terbium	159-1	14699229	14385828	13322830	14135962	5.10	cps
Terbium	159-2	6518094	6488003	6611199	6539099	0.98	cps
Thallium	203-1	9821	9229	10196	9748	5.00	cps
Thallium	205-1	22912	22395	22862	22723	1.26	cps
Tin	118-1	45317	46103	48177	46532	3.18	cps

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 11:32:36	DataFile Name :	018LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	9620	10512	10796	10310	5.95	cps
Uranium	238-1	26161	26060	26946	26389	1.84	cps
Vanadium	51-2	13126	12589	12766	12827	2.13	cps
Ytterbium	172-1	50	8	33	31	68.64	cps
Ytterbium	172-2	11	33	17	20	56.76	cps
Ytterbium	176-1	1742	1842	1759	1781	3.01	cps
Ytterbium	176-2	3362	3289	3328	3326	1.09	cps
Yttrium	89-1	32036353	31230760	29409040	30892051	4.36	cps
Yttrium	89-2	3163358	3068508	3084172	3105346	1.64	cps
Zinc	66-2	1603	1653	1657	1638	1.82	cps
Zirconium	90-1	23479	21901	22727	22702	3.48	cps
Zirconium	91-1	5134	5084	4701	4973	4.77	cps

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	ICB44	Instrumnet Name :	P8
Client Sample ID :	ICB44	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 11:38:40	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	209	237	199	215	9.36	cps
Antimony	121-1	125	292	200	206	40.61	cps
Arsenic	75-2	20	8	11	13	48.04	cps
Barium	135-1	100	67	100	89	21.65	cps
Barium	137-1	150	125	258	178	39.87	cps
Beryllium	9-1	78	52	52	61	24.75	cps
Bismuth	209-1	7754911	7908961	7756533	7806801	1.13	cps
Bismuth	209-2	4646053	4562378	4555696	4588042	1.10	cps
Boron	10-1	3652	3636	3542	3610	1.65	cps
Boron	11-1	16990	16472	15940	16467	3.19	cps
Bromine	81-1	25911	25469	26442	25941	1.88	cps
Cadmium	111-1	826	874	736	812	8.60	cps
Cadmium	106-1	7886	8269	7177	7777	7.13	cps
Cadmium	108-1	54	58	33	49	27.56	cps
Calcium	43-1	689	654	679	674	2.68	cps
Calcium	44-1	60650	60711	60894	60752	0.21	cps
Carbon	12-1	6478034	6575507	6602635	6552058	1.00	cps
Carbon	12-2	60768	59412	58132	59437	2.22	cps
Chlorine	35-1	2470372	2305032	2184036	2319813	6.20	cps
Chlorine	35-2	12956	12130	11380	12156	6.49	cps
Chromium	52-2	1097	1103	1387	1196	13.85	cps
Cobalt	59-2	137	133	107	126	13.10	cps
Copper	63-2	1463	1367	1507	1446	4.96	cps
Dysprosium	156-1	8	33	0	14	124.91	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Erbium	164-1	92	108	50	83	36.06	cps
Erbium	164-2	40	37	37	38	5.09	cps
Gadolinium	160-1	133	142	108	128	13.57	cps
Gadolinium	160-2	50	87	70	69	26.65	cps
Holmium	165-1	13466973	13885850	13345784	13566202	2.09	cps
Holmium	165-2	6618599	6532447	6470106	6540384	1.14	cps
Indium	115-1	12769912	12865541	12216359	12617271	2.78	cps
Indium	115-2	1874323	1849456	1840711	1854830	0.94	cps
Iron	54-2	961	978	1078	1006	6.28	cps
Iron	56-2	12746	14526	13408	13560	6.63	cps
Iron	57-2	383	328	367	359	7.94	cps

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	ICB44	Instrumnet Name :	P8
Client Sample ID :	ICB44	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 11:38:40	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	877	1027	853	919	10.24	cps
Lead	206-1	1872	2067	2134	2024	6.70	cps
Lead	207-1	1711	1711	1678	1700	1.13	cps
Lead	208-1	7673	8007	7918	7866	2.20	cps
Lithium	6-1	4726053	4887144	4573391	4728862	3.32	cps
Magnesium	24-2	1734	1959	1959	1884	6.90	cps
Manganese	55-2	290	247	280	272	8.34	cps
Molybdenum	94-1	858	650	817	775	14.23	cps
Molybdenum	95-1	517	475	458	483	6.22	cps
Molybdenum	96-1	733	575	667	658	12.07	cps
Molybdenum	97-1	308	325	225	286	18.73	cps
Molybdenum	98-1	733	475	775	661	24.58	cps
Neodymium	150-1	20	33	13	22	45.83	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	120	93	133	116	17.63	cps
Phosphorus	31-2	117	108	100	108	7.69	cps
Potassium	39-2	19389	19530	19188	19369	0.89	cps
Rhodium	103-1	12524322	12527711	11966366	12339467	2.62	cps
Rhodium	103-2	5504685	5453104	5402888	5453559	0.93	cps
Scandium	45-1	9680091	9776243	9471493	9642609	1.62	cps
Scandium	45-2	264805	264554	263715	264358	0.22	cps
Selenium	82-1	87	-50	45	27	257.29	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	72	53	86	70	23.55	cps
Silicon	28-1	562068	567537	553197	560934	1.29	cps
Silver	107-1	433	542	567	514	13.79	cps
Silver	109-1	358	483	492	444	16.81	cps
Sodium	23-2	40607	41084	39830	40507	1.56	cps
Strontium	86-1	1558	1725	1800	1695	7.30	cps
Strontium	88-1	2934	2567	3134	2878	9.99	cps
Sulfur	34-1	449788	445134	442396	445773	0.84	cps
Terbium	159-1	14725557	14499156	13916795	14380503	2.90	cps
Terbium	159-2	6405118	6390209	6437728	6411018	0.38	cps
Thallium	203-1	808	758	800	789	3.40	cps
Thallium	205-1	1692	1800	1717	1736	3.27	cps
Tin	118-1	1267	1383	1442	1364	6.53	cps

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	ICB44	Instrumnet Name :	P8
Client Sample ID :	ICB44	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 11:38:40	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	467	417	408	431	7.33	cps
Uranium	238-1	292	258	250	267	8.27	cps
Vanadium	51-2	23	23	30	26	15.07	cps
Ytterbium	172-1	8	67	42	39	75.26	cps
Ytterbium	172-2	33	17	17	22	43.28	cps
Ytterbium	176-1	1617	1859	1467	1647	12.00	cps
Ytterbium	176-2	3056	3323	3039	3139	5.07	cps
Yttrium	89-1	31990864	31311845	29920776	31074495	3.40	cps
Yttrium	89-2	3123074	3035082	3037961	3065372	1.63	cps
Zinc	66-2	573	660	533	589	11.00	cps
Zirconium	90-1	1425	1533	1617	1525	6.30	cps
Zirconium	91-1	258	292	308	286	8.90	cps

LB Number : LB116689 Operator : Jaswal
 Lab Sample ID : ICSA44 Instrumnet Name : P8
 Client Sample ID : ICSA44 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-06 11:41:40 DataFile Name : 020ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7238910	7020230	7102551	7120564	1.55	cps
Antimony	121-1	10738	11455	11939	11377	5.31	cps
Arsenic	75-2	94	92	99	95	3.79	cps
Barium	135-1	3684	4217	4343	4081	8.57	cps
Barium	137-1	6802	6869	7027	6899	1.68	cps
Beryllium	9-1	858	930	876	888	4.22	cps
Bismuth	209-1	7789485	7796345	7860608	7815479	0.50	cps
Bismuth	209-2	4533422	4487908	4517456	4512929	0.51	cps
Boron	10-1	3142	3070	3032	3081	1.81	cps
Boron	11-1	14562	14572	14188	14441	1.52	cps
Bromine	81-1	26302	25851	25459	25871	1.63	cps
Cadmium	111-1	1917	2000	1639	1852	10.22	cps
Cadmium	106-1	7561	7902	7861	7775	2.40	cps
Cadmium	108-1	2175	2046	2425	2215	8.70	cps
Calcium	43-1	4091696	4151222	4186529	4143149	1.16	cps
Calcium	44-1	67615391	67272834	68654786	67847670	1.06	cps
Carbon	12-1	34697204	34330625	34873360	34633730	0.80	cps
Carbon	12-2	320963	321816	320853	321211	0.16	cps
Chlorine	35-1	21747116	26711846	30792760	26417241	17.15	cps
Chlorine	35-2	226163	240058	256663	240961	6.34	cps
Chromium	52-2	64227	62476	62670	63124	1.52	cps
Cobalt	59-2	6955	6492	6635	6694	3.55	cps
Copper	63-2	33971	34773	33877	34207	1.44	cps
Dysprosium	156-1	50	17	75	47	61.97	cps
Dysprosium	156-2	20	20	27	22	17.33	cps
Erbium	164-1	158	108	167	144	21.84	cps
Erbium	164-2	37	43	37	39	9.89	cps
Gadolinium	160-1	158	242	192	197	21.27	cps
Gadolinium	160-2	43	50	80	58	33.81	cps
Holmium	165-1	14389903	14211286	14171403	14257531	0.82	cps
Holmium	165-2	6620262	6638585	6793396	6684081	1.42	cps
Indium	115-1	12348406	12324695	12402964	12358688	0.32	cps
Indium	115-2	1823895	1775086	1819089	1806023	1.49	cps
Iron	54-2	13864566	13741467	13513070	13706368	1.30	cps
Iron	56-2	251158489	248679206	245295972	248377889	1.18	cps
Iron	57-2	6344929	6379032	6264645	6329535	0.93	cps

LB Number : LB116689 Operator : Jaswal
 Lab Sample ID : ICSA44 Instrumnet Name : P8
 Client Sample ID : ICSA44 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-06 11:41:40 DataFile Name : 020ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	853	820	893	856	4.29	cps
Lead	206-1	35036	34045	34251	34444	1.52	cps
Lead	207-1	26878	26400	26879	26719	1.03	cps
Lead	208-1	128597	128272	128773	128547	0.20	cps
Lithium	6-1	4625680	4542719	4625513	4597971	1.04	cps
Magnesium	24-2	21288810	21060790	20550741	20966780	1.80	cps
Manganese	55-2	11785	11802	11571	11719	1.10	cps
Molybdenum	94-1	7175457	6925908	7052554	7051306	1.77	cps
Molybdenum	95-1	12519760	12343848	12449469	12437692	0.71	cps
Molybdenum	96-1	13303255	13169976	13103199	13192143	0.77	cps
Molybdenum	97-1	7583218	7553448	7371718	7502795	1.53	cps
Molybdenum	98-1	19566375	19720728	19147554	19478219	1.52	cps
Neodymium	150-1	80	53	47	60	29.39	cps
Neodymium	150-2	13	10	23	16	44.60	cps
Nickel	60-2	8229	8793	8296	8439	3.65	cps
Phosphorus	31-2	399547	392716	395360	395874	0.87	cps
Potassium	39-2	16614249	16647370	16174782	16478800	1.60	cps
Rhodium	103-1	11846368	12053109	11639524	11846334	1.75	cps
Rhodium	103-2	5245188	5148870	5246238	5213432	1.07	cps
Scandium	45-1	9531042	9586058	9713662	9610254	0.97	cps
Scandium	45-2	257630	256154	258623	257469	0.48	cps
Selenium	82-1	120	173	125	139	20.96	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	61	74	85	73	16.38	cps
Silicon	28-1	852013	873190	877853	867685	1.59	cps
Silver	107-1	667	658	683	669	1.90	cps
Silver	109-1	650	575	550	592	8.80	cps
Sodium	23-2	43098851	43814222	41289066	42734046	3.05	cps
Strontium	86-1	141260	140746	140804	140937	0.20	cps
Strontium	88-1	1218316	1204545	1216145	1213002	0.61	cps
Sulfur	34-1	6099965	5932244	5862685	5964965	2.04	cps
Terbium	159-1	14409037	14826265	14938016	14724439	1.89	cps
Terbium	159-2	6631893	6682532	6563296	6625907	0.90	cps
Thallium	203-1	725	825	725	758	7.61	cps
Thallium	205-1	1558	1717	1884	1720	9.45	cps
Tin	118-1	2967	2975	2875	2939	1.89	cps

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	ICSA44	Instrumnet Name :	P8
Client Sample ID :	ICSA44	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 11:41:40	DataFile Name :	020ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3930740	3971916	4015045	3972567	1.06	cps
Uranium	238-1	617	675	675	656	5.14	cps
Vanadium	51-2	380	327	373	360	8.07	cps
Ytterbium	172-1	83	42	75	67	33.07	cps
Ytterbium	172-2	17	17	28	20	31.48	cps
Ytterbium	176-1	1992	1850	1834	1892	4.60	cps
Ytterbium	176-2	2973	3200	2928	3034	4.82	cps
Yttrium	89-1	31219118	30718323	31534307	31157249	1.32	cps
Yttrium	89-2	3058153	2984310	3030637	3024367	1.23	cps
Zinc	66-2	7065	6648	6815	6843	3.07	cps
Zirconium	90-1	2159	2409	2242	2270	5.61	cps
Zirconium	91-1	458	408	417	428	6.26	cps

LB Number : LB116689 Operator : Jaswal
 Lab Sample ID : ICSAB44 Instrumnet Name : P8
 Client Sample ID : ICSAB44 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-06 11:44:36 DataFile Name : 021ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7221910	7283560	7217391	7240954	0.51	cps
Antimony	121-1	214360	215922	213355	214546	0.60	cps
Arsenic	75-2	5914	5873	5888	5891	0.35	cps
Barium	135-1	56602	55330	57699	56544	2.10	cps
Barium	137-1	100137	100220	102773	101043	1.48	cps
Beryllium	9-1	60288	60241	60851	60460	0.56	cps
Bismuth	209-1	7717072	7801114	7786358	7768181	0.58	cps
Bismuth	209-2	4465635	4443755	4309047	4406146	1.92	cps
Boron	10-1	18040	17999	18536	18192	1.64	cps
Boron	11-1	82484	85898	88992	85791	3.79	cps
Bromine	81-1	27535	27897	26542	27325	2.57	cps
Cadmium	111-1	52983	54973	53951	53969	1.84	cps
Cadmium	106-1	15058	16335	15651	15681	4.07	cps
Cadmium	108-1	6331	7131	6568	6677	6.16	cps
Calcium	43-1	4117269	4196110	4200636	4171338	1.12	cps
Calcium	44-1	68337433	68819570	70229139	69128714	1.42	cps
Carbon	12-1	34214503	34920853	34450859	34528738	1.04	cps
Carbon	12-2	319933	326524	326922	324460	1.21	cps
Chlorine	35-1	35853924	40016507	43454148	39774860	9.57	cps
Chlorine	35-2	292088	299549	310809	300815	3.13	cps
Chromium	52-2	127866	126379	127069	127105	0.59	cps
Cobalt	59-2	120451	120962	119775	120396	0.49	cps
Copper	63-2	119451	121565	121216	120744	0.94	cps
Dysprosium	156-1	75	67	83	75	11.11	cps
Dysprosium	156-2	20	30	23	24	20.83	cps
Erbium	164-1	150	142	150	147	3.27	cps
Erbium	164-2	47	57	60	54	12.74	cps
Gadolinium	160-1	158	175	167	167	5.00	cps
Gadolinium	160-2	60	77	127	88	39.53	cps
Holmium	165-1	14360059	14303625	14173066	14278917	0.67	cps
Holmium	165-2	6715390	6667309	6534830	6639177	1.41	cps
Indium	115-1	12133558	12646884	12378500	12386314	2.07	cps
Indium	115-2	1797381	1815887	1801356	1804874	0.54	cps
Iron	54-2	13648799	14011099	14083598	13914499	1.67	cps
Iron	56-2	252306617	250213600	247626794	250049004	0.94	cps
Iron	57-2	6395401	6497661	6386997	6426686	0.96	cps

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	ICSAB44	Instrumnet Name :	P8
Client Sample ID :	ICSAB44	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 11:44:36	DataFile Name :	021ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	883	950	870	901	4.76	cps
Lead	206-1	172669	175551	175538	174586	0.95	cps
Lead	207-1	146734	146491	147520	146915	0.37	cps
Lead	208-1	673290	679993	681899	678394	0.67	cps
Lithium	6-1	4576970	4469962	4494583	4513838	1.24	cps
Magnesium	24-2	21514005	21140791	21108836	21254544	1.06	cps
Manganese	55-2	40644	40859	40862	40788	0.31	cps
Molybdenum	94-1	7664980	7394069	7645641	7568230	2.00	cps
Molybdenum	95-1	12955826	12427478	13135668	12839657	2.87	cps
Molybdenum	96-1	13877749	13470928	14006881	13785186	2.03	cps
Molybdenum	97-1	7817014	7783962	7829418	7810132	0.30	cps
Molybdenum	98-1	20044619	20468541	19931300	20148153	1.41	cps
Neodymium	150-1	80	53	60	64	21.54	cps
Neodymium	150-2	13	10	17	13	25.01	cps
Nickel	60-2	39980	39184	38546	39236	1.83	cps
Phosphorus	31-2	401105	390670	399867	397214	1.44	cps
Potassium	39-2	16426707	16540543	16938815	16635355	1.62	cps
Rhodium	103-1	11809774	12292079	11909936	12003930	2.12	cps
Rhodium	103-2	5325333	5212335	5150445	5229371	1.70	cps
Scandium	45-1	9759738	9953557	9968280	9893858	1.18	cps
Scandium	45-2	258152	260766	257384	258768	0.69	cps
Selenium	82-1	4420	4312	4392	4375	1.27	cps
Selenium	77-2	117	97	110	108	9.45	cps
Selenium	78-2	409	426	415	417	2.07	cps
Silicon	28-1	1184490	1222557	1247492	1218180	2.60	cps
Silver	107-1	270682	275847	274995	273841	1.01	cps
Silver	109-1	256159	258481	260951	258530	0.93	cps
Sodium	23-2	42929716	42677133	42537254	42714701	0.47	cps
Strontium	86-1	342687	348740	343721	345049	0.94	cps
Strontium	88-1	3083266	3043182	3082444	3069631	0.75	cps
Sulfur	34-1	6054872	6063367	5892652	6003630	1.60	cps
Terbium	159-1	14857236	15053918	14803110	14904755	0.89	cps
Terbium	159-2	6438768	6731037	6568151	6579319	2.23	cps
Thallium	203-1	175189	180126	179751	178355	1.54	cps
Thallium	205-1	415796	427071	428028	423632	1.61	cps
Tin	118-1	453332	467331	461669	460778	1.53	cps

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	ICSAB44	Instrumnet Name :	P8
Client Sample ID :	ICSAB44	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 11:44:36	DataFile Name :	021ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4122833	4151155	4135784	4136591	0.34	cps
Uranium	238-1	1320335	1323454	1328462	1324084	0.31	cps
Vanadium	51-2	48806	49117	49164	49029	0.40	cps
Ytterbium	172-1	42	8	25	25	66.68	cps
Ytterbium	172-2	0	17	17	11	86.60	cps
Ytterbium	176-1	3509	3467	3484	3487	0.60	cps
Ytterbium	176-2	3628	3990	4051	3890	5.87	cps
Yttrium	89-1	31278737	31946026	31834022	31686262	1.13	cps
Yttrium	89-2	3097173	3020916	3122708	3080265	1.72	cps
Zinc	66-2	15015	15121	14861	14999	0.87	cps
Zirconium	90-1	1091800	1089507	1106090	1095799	0.82	cps
Zirconium	91-1	239972	240748	243944	241555	0.87	cps

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	CCV67	Instrumnet Name :	P8
Client Sample ID :	CCV67	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 11:53:23	DataFile Name :	022CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3597459	3605340	3652694	3618498	0.83	cps
Antimony	121-1	5202148	5117163	5146337	5155216	0.84	cps
Arsenic	75-2	145987	144501	143828	144772	0.76	cps
Barium	135-1	6930504	6669153	6720742	6773466	2.04	cps
Barium	137-1	11912046	11670565	11477454	11686688	1.86	cps
Beryllium	9-1	1558133	1535248	1520235	1537872	1.24	cps
Bismuth	209-1	7662953	7864653	7498622	7675410	2.39	cps
Bismuth	209-2	4219932	4109765	4272088	4200595	1.97	cps
Boron	10-1	149983	155991	163580	156518	4.35	cps
Boron	11-1	698122	728229	754921	727091	3.91	cps
Bromine	81-1	26322	26001	25840	26054	0.94	cps
Cadmium	111-1	1395854	1405737	1381066	1394219	0.89	cps
Cadmium	106-1	167705	163541	165970	165739	1.26	cps
Cadmium	108-1	111325	109442	107570	109446	1.72	cps
Calcium	43-1	10823414	10949686	10817981	10863694	0.69	cps
Calcium	44-1	175092804	180339353	175708117	177046758	1.62	cps
Carbon	12-1	7784082	7928026	8054107	7922072	1.71	cps
Carbon	12-2	79582	78686	80261	79510	0.99	cps
Chlorine	35-1	5526565	5291869	4901801	5240078	6.02	cps
Chlorine	35-2	26383	26216	25606	26068	1.57	cps
Chromium	52-2	1637170	1625517	1617544	1626744	0.61	cps
Cobalt	59-2	2922611	2900939	2797088	2873546	2.33	cps
Copper	63-2	22541329	22828495	22159849	22509891	1.49	cps
Dysprosium	156-1	1008	1108	975	1031	6.73	cps
Dysprosium	156-2	420	493	517	477	10.58	cps
Erbium	164-1	217	242	267	242	10.34	cps
Erbium	164-2	117	113	77	102	21.71	cps
Gadolinium	160-1	1133	1158	908	1067	12.91	cps
Gadolinium	160-2	533	523	510	522	2.24	cps
Holmium	165-1	14164565	14198190	14117519	14160091	0.29	cps
Holmium	165-2	6596304	6441955	6621573	6553277	1.48	cps
Indium	115-1	12571623	12470620	12524017	12522086	0.40	cps
Indium	115-2	1782025	1740820	1724144	1748996	1.70	cps
Iron	54-2	17231256	17424356	16896296	17183969	1.55	cps
Iron	56-2	307382107	313984840	307820174	309729040	1.19	cps
Iron	57-2	7924821	7841189	7675030	7813680	1.63	cps

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	CCV67	Instrumnet Name :	P8
Client Sample ID :	CCV67	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 11:53:23	DataFile Name :	022CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	917	900	967	928	3.74	cps
Lead	206-1	18332379	18688715	18055332	18358809	1.73	cps
Lead	207-1	16227629	16319091	15774464	16107061	1.81	cps
Lead	208-1	74235914	74683833	72055959	73658569	1.91	cps
Lithium	6-1	4681453	4631449	4560726	4624543	1.31	cps
Magnesium	24-2	54610101	53951353	55554287	54705247	1.47	cps
Manganese	55-2	8113010	8058852	7839518	8003793	1.81	cps
Molybdenum	94-1	13181133	13443585	13206016	13276911	1.09	cps
Molybdenum	95-1	16053927	16323764	15844086	16073926	1.50	cps
Molybdenum	96-1	18033113	17786901	17661057	17827024	1.06	cps
Molybdenum	97-1	9684260	9857299	9680979	9740846	1.04	cps
Molybdenum	98-1	25294857	25283926	25366023	25314935	0.18	cps
Neodymium	150-1	327	320	313	320	2.08	cps
Neodymium	150-2	53	43	33	43	23.08	cps
Nickel	60-2	780003	782872	773049	778641	0.65	cps
Phosphorus	31-2	25005	26149	25173	25442	2.43	cps
Potassium	39-2	21325993	21815325	20730160	21290493	2.55	cps
Rhodium	103-1	11712591	11419364	11555965	11562640	1.27	cps
Rhodium	103-2	5090218	5002319	5080574	5057704	0.95	cps
Scandium	45-1	9934610	10105609	9676582	9905601	2.18	cps
Scandium	45-2	257759	255605	258451	257272	0.58	cps
Selenium	82-1	111624	110393	109894	110637	0.80	cps
Selenium	77-2	3024	2704	2910	2879	5.64	cps
Selenium	78-2	9651	9644	9614	9637	0.20	cps
Silicon	28-1	5453818	5629811	5874308	5652646	3.74	cps
Silver	107-1	7424954	7584857	7515391	7508401	1.07	cps
Silver	109-1	7258697	7217828	7204808	7227111	0.39	cps
Sodium	23-2	105984907	108758548	107124415	107289290	1.30	cps
Strontium	86-1	20835368	20480965	20581997	20632777	0.88	cps
Strontium	88-1	181973217	177573921	176146575	178564571	1.70	cps
Sulfur	34-1	928610	901444	888511	906188	2.26	cps
Terbium	159-1	15256603	15115315	14637470	15003129	2.16	cps
Terbium	159-2	6415081	6438622	6389625	6414443	0.38	cps
Thallium	203-1	4528106	4566067	4525373	4539849	0.50	cps
Thallium	205-1	10662724	10804655	10455767	10641049	1.65	cps
Tin	118-1	4731635	4718422	4696312	4715456	0.38	cps

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	CCV67	Instrumnet Name :	P8
Client Sample ID :	CCV67	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 11:53:23	DataFile Name :	022CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5138102	5095853	4989632	5074529	1.51	cps
Uranium	238-1	14217327	14762900	14167229	14382485	2.30	cps
Vanadium	51-2	1296873	1233382	1222799	1251018	3.20	cps
Ytterbium	172-1	108	50	67	75	40.06	cps
Ytterbium	172-2	67	61	28	52	40.56	cps
Ytterbium	176-1	20959	21443	21694	21365	1.75	cps
Ytterbium	176-2	12595	12712	12534	12614	0.72	cps
Yttrium	89-1	32511766	32176500	31870730	32186332	1.00	cps
Yttrium	89-2	3033617	2979483	3017437	3010179	0.92	cps
Zinc	66-2	2419484	2426659	2372895	2406346	1.21	cps
Zirconium	90-1	11637784	11673497	11424706	11578662	1.16	cps
Zirconium	91-1	2607899	2657737	2545219	2603618	2.17	cps

LB Number : LB116689 Operator : Jaswal
 Lab Sample ID : CCB67 Instrumnet Name : P8
 Client Sample ID : CCB67 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-06 12:00:46 DataFile Name : 023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	241	317	255	271	14.98	cps
Antimony	121-1	408	525	583	506	17.63	cps
Arsenic	75-2	11	5	8	8	37.50	cps
Barium	135-1	158	158	117	144	16.66	cps
Barium	137-1	225	267	192	228	16.50	cps
Beryllium	9-1	78	84	60	74	16.88	cps
Bismuth	209-1	7942402	9238581	7600352	8260445	10.46	cps
Bismuth	209-2	4488894	4631388	4651651	4590644	1.93	cps
Boron	10-1	4856	4710	4686	4751	1.94	cps
Boron	11-1	23190	21668	21770	22209	3.83	cps
Bromine	81-1	23985	24146	24838	24323	1.86	cps
Cadmium	111-1	806	960	900	888	8.75	cps
Cadmium	106-1	7469	9095	8086	8217	9.99	cps
Cadmium	108-1	29	29	13	24	40.76	cps
Calcium	43-1	797	730	696	741	6.96	cps
Calcium	44-1	67754	67985	67057	67598	0.71	cps
Carbon	12-1	6323417	6253918	6253381	6276906	0.64	cps
Carbon	12-2	57973	57806	56075	57285	1.83	cps
Chlorine	35-1	3265606	3075497	3000908	3114004	4.38	cps
Chlorine	35-2	17403	16076	15959	16479	4.87	cps
Chromium	52-2	1370	1280	1030	1227	14.36	cps
Cobalt	59-2	150	160	117	142	15.95	cps
Copper	63-2	1690	1443	1467	1533	8.88	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	133	92	83	103	26.06	cps
Erbium	164-2	30	43	40	38	18.36	cps
Gadolinium	160-1	150	117	117	128	15.06	cps
Gadolinium	160-2	47	110	57	71	47.88	cps
Holmium	165-1	13484464	16550275	13073346	14369362	13.22	cps
Holmium	165-2	6317752	6597283	6582930	6499322	2.42	cps
Indium	115-1	12484286	14783952	11951420	13073219	11.51	cps
Indium	115-2	1766221	1829389	1817608	1804406	1.86	cps
Iron	54-2	1100	1156	1100	1119	2.87	cps
Iron	56-2	13724	14721	13624	14023	4.32	cps
Iron	57-2	333	428	328	363	15.48	cps

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	CCB67	Instrumnet Name :	P8
Client Sample ID :	CCB67	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 12:00:46	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	897	917	857	890	3.43	cps
Lead	206-1	2072	2172	2089	2111	2.54	cps
Lead	207-1	2011	1922	1934	1956	2.48	cps
Lead	208-1	8785	8396	8451	8544	2.46	cps
Lithium	6-1	4605847	5404176	4524128	4844717	10.04	cps
Magnesium	24-2	1342	2259	2175	1925	26.33	cps
Manganese	55-2	270	360	257	296	19.02	cps
Molybdenum	94-1	917	1058	892	956	9.41	cps
Molybdenum	95-1	767	825	708	767	7.61	cps
Molybdenum	96-1	1108	892	842	947	14.97	cps
Molybdenum	97-1	542	450	442	478	11.61	cps
Molybdenum	98-1	1283	1158	1042	1161	10.41	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	93	107	170	123	33.21	cps
Phosphorus	31-2	58	108	100	89	30.14	cps
Potassium	39-2	21592	20891	19923	20802	4.03	cps
Rhodium	103-1	12118371	14436271	11825401	12793348	11.18	cps
Rhodium	103-2	5294668	5416523	5415350	5375514	1.30	cps
Scandium	45-1	9286951	11693721	8865011	9948561	15.34	cps
Scandium	45-2	245011	253690	254771	251158	2.13	cps
Selenium	82-1	21	-8	8	7	208.76	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	70	68	72	70	2.86	cps
Silicon	28-1	547794	552702	550907	550468	0.45	cps
Silver	107-1	533	808	775	706	21.27	cps
Silver	109-1	742	608	617	656	11.39	cps
Sodium	23-2	50162	48490	47846	48833	2.45	cps
Strontium	86-1	1859	1825	1809	1831	1.39	cps
Strontium	88-1	3676	3292	3367	3445	5.90	cps
Sulfur	34-1	425934	420217	428812	424987	1.03	cps
Terbium	159-1	14681115	17432843	13959370	15357776	11.93	cps
Terbium	159-2	6314714	6331339	6196573	6280876	1.17	cps
Thallium	203-1	717	858	608	728	17.23	cps
Thallium	205-1	1784	2159	1942	1961	9.60	cps
Tin	118-1	1993	1350	1500	1614	20.84	cps

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	CCB67	Instrumnet Name :	P8
Client Sample ID :	CCB67	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 12:00:46	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	500	517	425	481	10.16	cps
Uranium	238-1	358	333	225	306	23.20	cps
Vanadium	51-2	33	47	43	41	16.89	cps
Ytterbium	172-1	58	33	42	44	28.64	cps
Ytterbium	172-2	28	6	22	19	62.43	cps
Ytterbium	176-1	1633	1934	1817	1795	8.43	cps
Ytterbium	176-2	2811	3056	3262	3043	7.40	cps
Yttrium	89-1	31119120	36964997	28821471	32301863	13.00	cps
Yttrium	89-2	2969645	2986208	2982329	2979394	0.29	cps
Zinc	66-2	570	493	613	559	10.87	cps
Zirconium	90-1	1483	1717	1633	1611	7.34	cps
Zirconium	91-1	267	342	258	289	15.89	cps

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 12:03:47	DataFile Name :	024LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1790	1797	1865	1817	2.27	cps
Antimony	121-1	19882	20466	20007	20118	1.53	cps
Arsenic	75-2	274	288	314	292	6.95	cps
Barium	135-1	26067	25667	26234	25990	1.12	cps
Barium	137-1	45360	45419	46096	45625	0.90	cps
Beryllium	9-1	2988	3148	3078	3071	2.61	cps
Bismuth	209-1	7819760	8012039	7890765	7907521	1.23	cps
Bismuth	209-2	4845552	4597602	4623878	4689011	2.90	cps
Boron	10-1	9557	11002	11174	10578	8.39	cps
Boron	11-1	47958	50041	51694	49898	3.75	cps
Bromine	81-1	23825	24206	24808	24280	2.04	cps
Cadmium	111-1	3244	3546	3755	3515	7.31	cps
Cadmium	106-1	7719	8811	8378	8303	6.62	cps
Cadmium	108-1	308	258	250	272	11.59	cps
Calcium	43-1	21003	21219	21323	21182	0.77	cps
Calcium	44-1	399066	406338	402545	402650	0.90	cps
Carbon	12-1	6313412	6163074	6287879	6254788	1.29	cps
Carbon	12-2	58793	58425	57505	58241	1.14	cps
Chlorine	35-1	2686686	2598000	2471154	2585280	4.19	cps
Chlorine	35-2	13765	13382	13724	13623	1.55	cps
Chromium	52-2	7739	7522	7789	7683	1.85	cps
Cobalt	59-2	5918	5831	5885	5878	0.74	cps
Copper	63-2	9440	9236	9236	9304	1.26	cps
Dysprosium	156-1	33	25	8	22	57.29	cps
Dysprosium	156-2	3	10	10	8	49.52	cps
Erbium	164-1	92	92	142	108	26.65	cps
Erbium	164-2	40	27	40	36	21.64	cps
Gadolinium	160-1	108	208	92	136	46.36	cps
Gadolinium	160-2	43	43	30	39	19.79	cps
Holmium	165-1	13888817	13677497	13485802	13684039	1.47	cps
Holmium	165-2	6902341	6525816	6432165	6620107	3.76	cps
Indium	115-1	12433735	12888369	12617744	12646616	1.81	cps
Indium	115-2	1971370	1906106	1829766	1902414	3.73	cps
Iron	54-2	8091	8219	8353	8221	1.59	cps
Iron	56-2	138136	142469	136879	139161	2.11	cps
Iron	57-2	3556	3512	3578	3549	0.96	cps

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 12:03:47	DataFile Name :	024LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1050	780	857	896	15.54	cps
Lead	206-1	9348	9437	8753	9179	4.05	cps
Lead	207-1	7886	8247	8286	8140	2.71	cps
Lead	208-1	36320	36771	36131	36407	0.90	cps
Lithium	6-1	4694285	4562281	4480290	4578952	2.36	cps
Magnesium	24-2	110736	110786	110266	110596	0.26	cps
Manganese	55-2	1833	1780	1867	1827	2.39	cps
Molybdenum	94-1	26008	26442	25340	25930	2.14	cps
Molybdenum	95-1	31821	31628	30534	31328	2.22	cps
Molybdenum	96-1	35028	34861	33808	34566	1.91	cps
Molybdenum	97-1	19155	18763	19923	19281	3.06	cps
Molybdenum	98-1	50510	50392	49858	50253	0.69	cps
Neodymium	150-1	7	0	40	16	137.75	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	1780	1827	1747	1785	2.25	cps
Phosphorus	31-2	125	133	100	119	14.52	cps
Potassium	39-2	101909	99736	100676	100773	1.08	cps
Rhodium	103-1	12275323	12297539	12150566	12241142	0.65	cps
Rhodium	103-2	5670471	5412323	5283782	5455525	3.61	cps
Scandium	45-1	9417614	9818796	9675965	9637458	2.11	cps
Scandium	45-2	270704	256158	253820	260227	3.52	cps
Selenium	82-1	969	1208	1143	1107	11.15	cps
Selenium	77-2	40	43	33	39	13.09	cps
Selenium	78-2	145	141	134	140	3.98	cps
Silicon	28-1	648956	649119	607678	635251	3.76	cps
Silver	107-1	13632	15042	14483	14386	4.94	cps
Silver	109-1	13332	14141	13874	13782	2.99	cps
Sodium	23-2	259582	261560	258016	259719	0.68	cps
Strontium	86-1	6969	6327	5968	6421	7.89	cps
Strontium	88-1	39247	42474	41028	40916	3.95	cps
Sulfur	34-1	430951	438084	445581	438205	1.67	cps
Terbium	159-1	14035019	14559210	14124901	14239710	1.97	cps
Terbium	159-2	6678062	6380209	6313638	6457303	3.01	cps
Thallium	203-1	8787	9729	8970	9162	5.45	cps
Thallium	205-1	21677	22862	22044	22194	2.73	cps
Tin	118-1	45844	45902	46797	46181	1.16	cps

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 12:03:47	DataFile Name :	024LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	9954	10095	10262	10104	1.53	cps
Uranium	238-1	25368	26603	25635	25869	2.51	cps
Vanadium	51-2	12722	12205	12429	12452	2.08	cps
Ytterbium	172-1	25	42	25	31	31.50	cps
Ytterbium	172-2	17	17	0	11	86.60	cps
Ytterbium	176-1	1592	1742	1658	1664	4.52	cps
Ytterbium	176-2	2889	3095	2917	2967	3.76	cps
Yttrium	89-1	31193000	30973829	30761675	30976168	0.70	cps
Yttrium	89-2	3131214	2965067	2913746	3003343	3.78	cps
Zinc	66-2	1667	1933	1783	1795	7.45	cps
Zirconium	90-1	22552	22686	21817	22352	2.09	cps
Zirconium	91-1	4651	5051	4384	4695	7.15	cps

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M3768-04A	Instrumnet Name :	P8
Client Sample ID :	A0AW8A	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 12:09:49	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1610439	1628668	1651309	1630139	1.26	cps
Antimony	121-1	661996	670177	665304	665826	0.62	cps
Arsenic	75-2	24645	24350	24364	24453	0.68	cps
Barium	135-1	8809996	8913703	8823431	8849043	0.64	cps
Barium	137-1	15222678	15295347	15088521	15202182	0.69	cps
Beryllium	9-1	11616	11064	11156	11279	2.62	cps
Bismuth	209-1	9047962	9169491	8953347	9056933	1.20	cps
Bismuth	209-2	5103712	5108462	5160244	5124139	0.61	cps
Boron	10-1	5990	6078	5972	6013	0.94	cps
Boron	11-1	28895	28891	29486	29090	1.18	cps
Bromine	81-1	59436	61549	64012	61665	3.71	cps
Cadmium	111-1	197175	196008	199856	197680	1.00	cps
Cadmium	106-1	28897	30309	29633	29613	2.38	cps
Cadmium	108-1	14808	15071	15000	14960	0.91	cps
Calcium	43-1	495826	499819	502207	499284	0.65	cps
Calcium	44-1	8443156	8619096	8617897	8560050	1.18	cps
Carbon	12-1	60008572	61462078	62903112	61457921	2.35	cps
Carbon	12-2	607515	611423	629936	616291	1.94	cps
Chlorine	35-1	65626466	84378675	96651483	82218875	19.00	cps
Chlorine	35-2	715632	758281	792580	755498	5.10	cps
Chromium	52-2	2438730	2457053	2423050	2439611	0.70	cps
Cobalt	59-2	328527	329391	333343	330421	0.78	cps
Copper	63-2	1523657	1547366	1448447	1506490	3.43	cps
Dysprosium	156-1	67756	67404	67999	67720	0.44	cps
Dysprosium	156-2	28461	28146	28223	28277	0.58	cps
Erbium	164-1	60748	62850	62464	62021	1.80	cps
Erbium	164-2	27692	27592	27422	27569	0.50	cps
Gadolinium	160-1	63653	64280	63803	63912	0.51	cps
Gadolinium	160-2	32764	32871	32687	32774	0.28	cps
Holmium	165-1	14925972	15311188	14908119	15048426	1.51	cps
Holmium	165-2	7046919	7051980	6989528	7029476	0.49	cps
Indium	115-1	13289563	13429383	13499675	13406207	0.80	cps
Indium	115-2	1983948	1997925	1962918	1981597	0.89	cps
Iron	54-2	6294996	6397236	6128196	6273476	2.16	cps
Iron	56-2	114254791	112645686	111842247	112914241	1.09	cps
Iron	57-2	2961636	2895186	2854662	2903828	1.86	cps

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M3768-04A	Instrumnet Name :	P8
Client Sample ID :	A0AW8A	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 12:09:49	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1013	1070	1123	1069	5.15	cps
Lead	206-1	90926274	93471313	91189274	91862287	1.52	cps
Lead	207-1	77808707	77369063	77064635	77414135	0.48	cps
Lead	208-1	356366197	359402180	357053702	357607360	0.45	cps
Lithium	6-1	4948237	4853905	5077383	4959842	2.26	cps
Magnesium	24-2	837623	856894	832753	842423	1.52	cps
Manganese	55-2	1937484	1939875	1894760	1924040	1.32	cps
Molybdenum	94-1	19447	20257	19806	19837	2.05	cps
Molybdenum	95-1	24606	24046	25032	24561	2.01	cps
Molybdenum	96-1	29950	29757	30016	29908	0.45	cps
Molybdenum	97-1	15075	14883	15084	15014	0.75	cps
Molybdenum	98-1	38939	38955	38312	38735	0.95	cps
Neodymium	150-1	109308	112267	108858	110144	1.68	cps
Neodymium	150-2	37041	36480	36129	36550	1.26	cps
Nickel	60-2	859151	873214	871429	867931	0.88	cps
Phosphorus	31-2	9061	8619	8920	8867	2.55	cps
Potassium	39-2	215383	216795	217455	216544	0.49	cps
Rhodium	103-1	13181858	13403729	13180660	13255416	0.97	cps
Rhodium	103-2	5758668	5797016	5883603	5813096	1.10	cps
Scandium	45-1	10879540	10963593	10608683	10817272	1.71	cps
Scandium	45-2	286601	289136	288210	287982	0.45	cps
Selenium	82-1	1203	1273	1180	1219	3.99	cps
Selenium	77-2	183	203	187	191	5.61	cps
Selenium	78-2	280	291	253	275	7.12	cps
Silicon	28-1	60816728	60281072	61584741	60894181	1.08	cps
Silver	107-1	20332	20415	20983	20577	1.72	cps
Silver	109-1	18855	18738	18838	18811	0.34	cps
Sodium	23-2	916294	915049	906277	912540	0.60	cps
Strontium	86-1	435287	427426	432813	431842	0.93	cps
Strontium	88-1	3797539	3856375	3876360	3843425	1.07	cps
Sulfur	34-1	2376518	2423943	2380724	2393728	1.10	cps
Terbium	159-1	15663967	15766941	15435606	15622172	1.09	cps
Terbium	159-2	6783867	6882044	6842463	6836125	0.72	cps
Thallium	203-1	5576	6068	6460	6035	7.34	cps
Thallium	205-1	13691	15168	14851	14570	5.34	cps
Tin	118-1	150373	153817	153548	152579	1.26	cps

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M3768-04A	Instrumnet Name :	P8
Client Sample ID :	A0AW8A	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 12:09:49	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	918516	904444	936243	919734	1.73	cps
Uranium	238-1	69307	67756	71268	69444	2.53	cps
Vanadium	51-2	845122	847324	845265	845904	0.15	cps
Ytterbium	172-1	20425	21159	20016	20533	2.82	cps
Ytterbium	172-2	10877	11016	10838	10910	0.86	cps
Ytterbium	176-1	14667	14734	14100	14500	2.40	cps
Ytterbium	176-2	9670	9598	9581	9617	0.49	cps
Yttrium	89-1	35555438	36105394	35055578	35572136	1.48	cps
Yttrium	89-2	3434311	3503910	3357572	3431931	2.13	cps
Zinc	66-2	8669149	8598222	8712132	8659834	0.66	cps
Zirconium	90-1	16477	17119	17920	17172	4.21	cps
Zirconium	91-1	3509	3976	3851	3778	6.40	cps

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M4080-01	Instrumnet Name :	P8
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 12:21:42	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9091	9937	9870	9633	4.89	cps
Antimony	121-1	2234	2175	2192	2200	1.37	cps
Arsenic	75-2	1365	1317	1381	1355	2.46	cps
Barium	135-1	333159	333470	339305	335311	1.03	cps
Barium	137-1	589161	582424	584661	585415	0.59	cps
Beryllium	9-1	126	112	114	117	6.45	cps
Bismuth	209-1	8474348	8408385	8125437	8336057	2.22	cps
Bismuth	209-2	4697046	4536596	4666395	4633346	1.84	cps
Boron	10-1	29368	31453	32610	31144	5.28	cps
Boron	11-1	143276	150003	156119	149799	4.29	cps
Bromine	81-1	108781	128435	135395	124204	11.11	cps
Cadmium	111-1	823	923	825	857	6.69	cps
Cadmium	106-1	7861	8928	7852	8214	7.53	cps
Cadmium	108-1	54	88	21	54	61.54	cps
Calcium	43-1	1204482	1146381	1195457	1182107	2.64	cps
Calcium	44-1	19981144	18956189	19271714	19403016	2.71	cps
Carbon	12-1	16742607	17965807	19617261	18108558	7.97	cps
Carbon	12-2	186367	187067	193616	189016	2.12	cps
Chlorine	35-1	4772762	4670788	4635501	4693017	1.52	cps
Chlorine	35-2	26767	26625	25364	26252	2.94	cps
Chromium	52-2	8172	8629	8152	8318	3.24	cps
Cobalt	59-2	20956	20842	20375	20724	1.49	cps
Copper	63-2	17140	17000	16723	16955	1.25	cps
Dysprosium	156-1	1784	1659	1834	1759	5.13	cps
Dysprosium	156-2	810	760	887	819	7.79	cps
Erbium	164-1	1442	1717	1692	1617	9.41	cps
Erbium	164-2	670	740	703	704	4.97	cps
Gadolinium	160-1	1859	2009	1850	1906	4.68	cps
Gadolinium	160-2	920	1017	930	956	5.56	cps
Holmium	165-1	14527389	15161963	14521908	14737087	2.50	cps
Holmium	165-2	6862129	6771876	6690786	6774930	1.27	cps
Indium	115-1	13194498	13409462	12966137	13190032	1.68	cps
Indium	115-2	1878625	1887947	1878953	1881842	0.28	cps
Iron	54-2	2626066	2655280	2626882	2636076	0.63	cps
Iron	56-2	46859127	46938241	47069047	46955472	0.23	cps
Iron	57-2	1139673	1145275	1129743	1138230	0.69	cps

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M4080-01	Instrumnet Name :	P8
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 12:21:42	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	983	943	937	954	2.64	cps
Lead	206-1	9048	9109	8686	8948	2.55	cps
Lead	207-1	7797	7602	7786	7728	1.41	cps
Lead	208-1	35826	34635	35142	35201	1.70	cps
Lithium	6-1	4613526	4794376	4714086	4707330	1.92	cps
Magnesium	24-2	2233471	2247441	2234036	2238316	0.35	cps
Manganese	55-2	3568940	3530722	3570709	3556790	0.64	cps
Molybdenum	94-1	3150	3067	3142	3120	1.47	cps
Molybdenum	95-1	3301	2717	3317	3112	10.98	cps
Molybdenum	96-1	3959	4593	4267	4273	7.41	cps
Molybdenum	97-1	1967	1834	1750	1850	5.91	cps
Molybdenum	98-1	4793	4367	4367	4509	5.44	cps
Neodymium	150-1	2547	2860	2754	2720	5.86	cps
Neodymium	150-2	967	850	793	870	10.16	cps
Nickel	60-2	11538	11625	11962	11708	1.91	cps
Phosphorus	31-2	717	725	767	736	3.64	cps
Potassium	39-2	761708	774256	759543	765169	1.04	cps
Rhodium	103-1	12677714	12977958	12685980	12780551	1.34	cps
Rhodium	103-2	5595892	5549229	5613622	5586248	0.60	cps
Scandium	45-1	10411342	10629820	10157510	10399557	2.27	cps
Scandium	45-2	268381	265888	267600	267289	0.48	cps
Selenium	82-1	73	78	106	86	20.93	cps
Selenium	77-2	3	13	10	9	57.30	cps
Selenium	78-2	68	77	82	76	9.37	cps
Silicon	28-1	42727558	42577108	42957726	42754131	0.45	cps
Silver	107-1	1050	1142	1125	1106	4.42	cps
Silver	109-1	1083	867	975	975	11.11	cps
Sodium	23-2	11937341	12250467	12091663	12093157	1.29	cps
Strontium	86-1	511530	504675	498147	504784	1.33	cps
Strontium	88-1	4493667	4532273	4397409	4474450	1.55	cps
Sulfur	34-1	2783413	2802410	2813777	2799866	0.55	cps
Terbium	159-1	14429509	15455263	14946302	14943691	3.43	cps
Terbium	159-2	6712606	6583424	6521161	6605730	1.48	cps
Thallium	203-1	575	483	508	522	9.07	cps
Thallium	205-1	1150	1117	1258	1175	6.30	cps
Tin	118-1	2259	2100	2209	2189	3.70	cps

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M4080-01	Instrumnet Name :	P8
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 12:21:42	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	7378	7395	6527	7100	6.99	cps
Uranium	238-1	1283	1108	1242	1211	7.55	cps
Vanadium	51-2	2884	3100	3040	3008	3.72	cps
Ytterbium	172-1	750	667	717	711	5.90	cps
Ytterbium	172-2	383	328	311	341	11.10	cps
Ytterbium	176-1	1984	2125	2350	2153	8.59	cps
Ytterbium	176-2	3250	3473	3439	3388	3.54	cps
Yttrium	89-1	32731057	34020619	32413305	33054994	2.58	cps
Yttrium	89-2	3206356	3086585	3128335	3140425	1.94	cps
Zinc	66-2	25687	25807	24298	25264	3.32	cps
Zirconium	90-1	4059	4301	4017	4126	3.71	cps
Zirconium	91-1	742	883	842	822	8.86	cps

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M4080-03	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 12:24:35	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	31068	30041	30325	30478	1.74	cps
Antimony	121-1	3451	3576	3509	3512	1.78	cps
Arsenic	75-2	302	263	262	276	8.27	cps
Barium	135-1	142178	147432	149436	146348	2.56	cps
Barium	137-1	251827	250322	247630	249926	0.85	cps
Beryllium	9-1	136	120	116	124	8.53	cps
Bismuth	209-1	8206645	8258556	8382254	8282485	1.09	cps
Bismuth	209-2	4663911	4671619	4679227	4671586	0.16	cps
Boron	10-1	22859	24598	24528	23995	4.10	cps
Boron	11-1	110233	113769	117579	113860	3.23	cps
Bromine	81-1	97539	106318	112191	105349	7.00	cps
Cadmium	111-1	909	957	1002	956	4.84	cps
Cadmium	106-1	8244	8611	8962	8606	4.17	cps
Cadmium	108-1	33	42	33	36	13.33	cps
Calcium	43-1	1198678	1189250	1213861	1200596	1.03	cps
Calcium	44-1	19723439	19411750	19593162	19576117	0.80	cps
Carbon	12-1	14010457	15586856	15781411	15126241	6.42	cps
Carbon	12-2	155123	158551	162004	158560	2.17	cps
Chlorine	35-1	4662796	4695095	4828431	4728774	1.86	cps
Chlorine	35-2	29614	27752	27986	28451	3.56	cps
Chromium	52-2	9330	9293	9146	9256	1.05	cps
Cobalt	59-2	2784	2780	2660	2741	2.56	cps
Copper	63-2	28091	28191	28348	28210	0.46	cps
Dysprosium	156-1	1400	1225	1358	1328	6.89	cps
Dysprosium	156-2	597	657	580	611	6.60	cps
Erbium	164-1	1100	1033	1217	1117	8.31	cps
Erbium	164-2	550	483	537	523	6.74	cps
Gadolinium	160-1	1517	1650	1392	1520	8.50	cps
Gadolinium	160-2	803	653	850	769	13.36	cps
Holmium	165-1	14434707	14547358	14684210	14555425	0.86	cps
Holmium	165-2	6781759	6773816	6675584	6743720	0.88	cps
Indium	115-1	13305544	13328083	13179649	13271092	0.60	cps
Indium	115-2	1876655	1840765	1845811	1854410	1.05	cps
Iron	54-2	135470	135154	133676	134767	0.71	cps
Iron	56-2	2614833	2528494	2569628	2570985	1.68	cps
Iron	57-2	62169	60534	60819	61174	1.43	cps

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M4080-03	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 12:24:35	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	870	847	873	863	1.68	cps
Lead	206-1	14036	13440	13963	13813	2.35	cps
Lead	207-1	11277	11455	11072	11268	1.70	cps
Lead	208-1	53277	53556	53355	53396	0.27	cps
Lithium	6-1	4728160	4722725	4656206	4702363	0.85	cps
Magnesium	24-2	2350839	2257143	2348517	2318833	2.30	cps
Manganese	55-2	170769	171907	170891	171189	0.36	cps
Molybdenum	94-1	5293	5601	5818	5571	4.74	cps
Molybdenum	95-1	6927	7419	7786	7377	5.84	cps
Molybdenum	96-1	7902	7953	7827	7894	0.80	cps
Molybdenum	97-1	4584	4559	4301	4481	3.50	cps
Molybdenum	98-1	11313	11030	11163	11169	1.27	cps
Neodymium	150-1	1667	1473	1500	1547	6.77	cps
Neodymium	150-2	517	480	557	518	7.41	cps
Nickel	60-2	3711	3704	3410	3608	4.75	cps
Phosphorus	31-2	2025	1783	1950	1920	6.44	cps
Potassium	39-2	571013	563853	571314	568727	0.74	cps
Rhodium	103-1	12551126	12958685	12892173	12800662	1.71	cps
Rhodium	103-2	5571511	5568482	5420531	5520175	1.56	cps
Scandium	45-1	10020250	10110606	10309843	10146900	1.46	cps
Scandium	45-2	263862	263933	265972	264589	0.45	cps
Selenium	82-1	111	195	125	144	31.04	cps
Selenium	77-2	3	7	3	4	43.40	cps
Selenium	78-2	72	73	89	78	12.23	cps
Silicon	28-1	35518488	35813586	35344613	35558896	0.67	cps
Silver	107-1	683	742	742	722	4.66	cps
Silver	109-1	708	658	592	653	8.97	cps
Sodium	23-2	14776501	14664998	14775098	14738866	0.43	cps
Strontium	86-1	662038	650258	645111	652469	1.33	cps
Strontium	88-1	5742219	5811787	5805098	5786368	0.66	cps
Sulfur	34-1	948539	948013	967180	954577	1.14	cps
Terbium	159-1	14828895	15395643	15293720	15172753	1.99	cps
Terbium	159-2	6556471	6395884	6694996	6549117	2.29	cps
Thallium	203-1	392	517	492	467	14.17	cps
Thallium	205-1	1242	1092	983	1106	11.73	cps
Tin	118-1	4127	4126	3942	4065	2.62	cps

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M4080-03	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 12:24:35	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	27594	27961	27135	27563	1.50	cps
Uranium	238-1	6902	7577	6952	7144	5.27	cps
Vanadium	51-2	4337	4484	4631	4484	3.27	cps
Ytterbium	172-1	542	550	533	542	1.54	cps
Ytterbium	172-2	261	317	211	263	20.08	cps
Ytterbium	176-1	2300	2292	2075	2222	5.74	cps
Ytterbium	176-2	3073	3206	3089	3123	2.33	cps
Yttrium	89-1	33129271	33300540	32760597	33063469	0.83	cps
Yttrium	89-2	3075432	3109607	3022214	3069085	1.43	cps
Zinc	66-2	14915	14981	14805	14900	0.60	cps
Zirconium	90-1	5086	4743	4576	4801	5.41	cps
Zirconium	91-1	833	1108	942	961	14.41	cps

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M4080-03DUP	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 12:27:31	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	31771	30748	30915	31145	1.76	cps
Antimony	121-1	3517	3267	3417	3401	3.70	cps
Arsenic	75-2	287	270	264	274	4.36	cps
Barium	135-1	143121	143994	142924	143346	0.40	cps
Barium	137-1	250181	248057	249275	249171	0.43	cps
Beryllium	9-1	154	122	124	133	13.44	cps
Bismuth	209-1	8138102	8294791	8151002	8194632	1.06	cps
Bismuth	209-2	4594271	4584829	4657564	4612222	0.86	cps
Boron	10-1	22915	24117	25455	24163	5.26	cps
Boron	11-1	109811	117916	120294	116007	4.74	cps
Bromine	81-1	91339	105954	110767	102687	9.85	cps
Cadmium	111-1	945	902	860	902	4.71	cps
Cadmium	106-1	8711	8103	8044	8286	4.46	cps
Cadmium	108-1	79	42	46	56	37.00	cps
Calcium	43-1	1222400	1176159	1137721	1178760	3.60	cps
Calcium	44-1	19234428	19362435	19237700	19278188	0.38	cps
Carbon	12-1	14355896	15795769	16385667	15512444	6.73	cps
Carbon	12-2	156570	161220	161910	159900	1.82	cps
Chlorine	35-1	4684423	4685577	4671083	4680361	0.17	cps
Chlorine	35-2	28896	28963	29372	29077	0.89	cps
Chromium	52-2	8980	8839	8776	8865	1.17	cps
Cobalt	59-2	2754	2797	3020	2857	5.01	cps
Copper	63-2	28789	28696	28395	28627	0.72	cps
Dysprosium	156-1	1258	1342	1450	1350	7.12	cps
Dysprosium	156-2	637	593	503	578	11.77	cps
Erbium	164-1	1025	1225	1108	1120	8.97	cps
Erbium	164-2	557	513	503	524	5.41	cps
Gadolinium	160-1	1583	1725	1483	1597	7.60	cps
Gadolinium	160-2	660	740	687	696	5.86	cps
Holmium	165-1	14134721	14426079	14312397	14291066	1.03	cps
Holmium	165-2	6579291	6539559	6563664	6560838	0.31	cps
Indium	115-1	13179835	12744908	13094545	13006429	1.77	cps
Indium	115-2	1798549	1838334	1855933	1830939	1.61	cps
Iron	54-2	136463	132464	134757	134561	1.49	cps
Iron	56-2	2517470	2533177	2564687	2538445	0.95	cps
Iron	57-2	61332	61299	60501	61044	0.77	cps

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M4080-03DUP	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 12:27:31	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	923	863	857	881	4.17	cps
Lead	206-1	13752	13340	12968	13353	2.94	cps
Lead	207-1	11755	11511	11461	11576	1.36	cps
Lead	208-1	53377	53099	51785	52754	1.61	cps
Lithium	6-1	4951190	4838016	4846654	4878620	1.29	cps
Magnesium	24-2	2240010	2352119	2303181	2298437	2.45	cps
Manganese	55-2	171646	168565	169805	170005	0.91	cps
Molybdenum	94-1	5593	5760	5285	5546	4.35	cps
Molybdenum	95-1	7252	7102	6894	7083	2.54	cps
Molybdenum	96-1	7961	7777	7952	7897	1.31	cps
Molybdenum	97-1	4309	4376	4034	4240	4.27	cps
Molybdenum	98-1	10905	11013	10671	10863	1.61	cps
Neodymium	150-1	1693	1667	1507	1622	6.22	cps
Neodymium	150-2	530	523	560	538	3.63	cps
Nickel	60-2	3684	3794	3504	3661	4.00	cps
Phosphorus	31-2	2000	1950	1842	1931	4.19	cps
Potassium	39-2	559415	555530	563590	559511	0.72	cps
Rhodium	103-1	12420772	12570723	12639905	12543800	0.89	cps
Rhodium	103-2	5405111	5473845	5438367	5439108	0.63	cps
Scandium	45-1	9826978	9944014	10002426	9924473	0.90	cps
Scandium	45-2	257464	263390	264597	261817	1.46	cps
Selenium	82-1	56	111	120	96	36.18	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	74	66	70	70	5.71	cps
Silicon	28-1	34868571	35184038	35450194	35167601	0.83	cps
Silver	107-1	750	725	758	744	2.33	cps
Silver	109-1	708	658	575	647	10.41	cps
Sodium	23-2	14595099	14581822	14525392	14567438	0.25	cps
Strontium	86-1	641313	638205	635693	638403	0.44	cps
Strontium	88-1	5674047	5733360	5666372	5691260	0.64	cps
Sulfur	34-1	951094	950513	937753	946453	0.80	cps
Terbium	159-1	14847644	15370602	14937036	15051760	1.86	cps
Terbium	159-2	6455630	6522876	6564720	6514409	0.84	cps
Thallium	203-1	442	417	433	431	2.96	cps
Thallium	205-1	958	967	1067	997	6.05	cps
Tin	118-1	3776	3834	3717	3776	1.55	cps

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M4080-03DUP	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 12:27:31	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	27452	28596	28648	28232	2.39	cps
Uranium	238-1	6460	7052	7035	6849	4.92	cps
Vanadium	51-2	4227	4147	4271	4215	1.48	cps
Ytterbium	172-1	467	450	550	489	10.96	cps
Ytterbium	172-2	267	233	300	267	12.50	cps
Ytterbium	176-1	2042	2067	2225	2111	4.71	cps
Ytterbium	176-2	2828	3134	3212	3058	6.63	cps
Yttrium	89-1	32550685	32558545	32017080	32375437	0.96	cps
Yttrium	89-2	3053176	3015206	3096657	3055013	1.33	cps
Zinc	66-2	14538	14327	14831	14565	1.74	cps
Zirconium	90-1	4993	5018	4576	4862	5.11	cps
Zirconium	91-1	900	808	992	900	10.19	cps

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M4080-03LX5	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)L	Dilution Factor :	5
Date & Time Acquired ::	2021-10-06 12:30:27	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6671	6398	6359	6476	2.62	cps
Antimony	121-1	867	1017	733	872	16.25	cps
Arsenic	75-2	58	51	56	55	6.55	cps
Barium	135-1	27429	26827	26877	27044	1.23	cps
Barium	137-1	46514	48513	47208	47411	2.14	cps
Beryllium	9-1	50	52	64	55	13.69	cps
Bismuth	209-1	8055409	8150650	7940936	8048998	1.30	cps
Bismuth	209-2	3607361	4298147	4459997	4121835	10.99	cps
Boron	10-1	7823	7903	7789	7838	0.75	cps
Boron	11-1	37605	37907	37623	37711	0.45	cps
Bromine	81-1	52702	51256	50934	51631	1.82	cps
Cadmium	111-1	807	824	783	805	2.58	cps
Cadmium	106-1	8261	8011	7727	8000	3.34	cps
Cadmium	108-1	75	21	33	43	65.88	cps
Calcium	43-1	215109	217068	216511	216229	0.47	cps
Calcium	44-1	3777229	3695421	3838531	3770394	1.90	cps
Carbon	12-1	9162598	9306184	9147875	9205552	0.95	cps
Carbon	12-2	84199	84569	85986	84918	1.11	cps
Chlorine	35-1	4157414	3873579	3735612	3922201	5.48	cps
Chlorine	35-2	21024	20331	19739	20365	3.16	cps
Chromium	52-2	2674	2600	2694	2656	1.85	cps
Cobalt	59-2	513	620	480	538	13.60	cps
Copper	63-2	5978	6048	6271	6099	2.51	cps
Dysprosium	156-1	208	258	283	250	15.27	cps
Dysprosium	156-2	177	110	83	123	38.98	cps
Erbium	164-1	292	250	292	278	8.66	cps
Erbium	164-2	103	100	123	109	11.59	cps
Gadolinium	160-1	383	400	358	381	5.51	cps
Gadolinium	160-2	163	180	217	187	14.62	cps
Holmium	165-1	14104206	14028419	14204268	14112298	0.63	cps
Holmium	165-2	4984139	6153022	6528531	5888564	13.68	cps
Indium	115-1	12757551	12375728	12618340	12583873	1.54	cps
Indium	115-2	1335810	1713169	1793685	1614221	15.14	cps
Iron	54-2	27182	25696	25122	26000	4.09	cps
Iron	56-2	474417	461016	456920	464117	1.97	cps
Iron	57-2	11811	11305	12016	11711	3.13	cps

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M4080-03LX5	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)L	Dilution Factor :	5
Date & Time Acquired ::	2021-10-06 12:30:27	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	923	837	937	899	6.04	cps
Lead	206-1	3767	4001	3862	3877	3.03	cps
Lead	207-1	3428	3189	3150	3256	4.62	cps
Lead	208-1	15109	15298	14715	15041	1.98	cps
Lithium	6-1	4698229	4703549	4722860	4708213	0.28	cps
Magnesium	24-2	433516	428234	421010	427587	1.47	cps
Manganese	55-2	32794	32507	32387	32563	0.64	cps
Molybdenum	94-1	1458	1583	1592	1545	4.84	cps
Molybdenum	95-1	1350	1542	1200	1364	12.56	cps
Molybdenum	96-1	1775	1625	1700	1700	4.41	cps
Molybdenum	97-1	1017	1042	892	983	8.17	cps
Molybdenum	98-1	2309	2434	2300	2347	3.18	cps
Neodymium	150-1	267	287	380	311	19.44	cps
Neodymium	150-2	97	90	77	88	11.60	cps
Nickel	60-2	763	893	813	823	7.96	cps
Phosphorus	31-2	392	350	375	372	5.63	cps
Potassium	39-2	123519	120232	120031	121261	1.61	cps
Rhodium	103-1	12509808	12386797	12014907	12303837	2.09	cps
Rhodium	103-2	4120108	5240987	5271617	4877571	13.45	cps
Scandium	45-1	9880282	9797407	9659951	9779213	1.14	cps
Scandium	45-2	192404	241447	249468	227773	13.56	cps
Selenium	82-1	13	99	7	40	128.71	cps
Selenium	77-2	3	3	7	4	43.40	cps
Selenium	78-2	51	75	63	63	19.04	cps
Silicon	28-1	7012404	7035651	7059228	7035761	0.33	cps
Silver	107-1	375	392	433	400	7.51	cps
Silver	109-1	200	283	208	231	19.91	cps
Sodium	23-2	2825775	2842846	2829235	2832618	0.32	cps
Strontium	86-1	122957	125486	122266	123570	1.37	cps
Strontium	88-1	1052389	1056185	1050260	1052945	0.29	cps
Sulfur	34-1	550259	545036	543096	546130	0.68	cps
Terbium	159-1	14611957	14928714	14257540	14599404	2.30	cps
Terbium	159-2	4888991	6044727	6222030	5718583	12.66	cps
Thallium	203-1	358	375	475	403	15.67	cps
Thallium	205-1	917	900	842	886	4.44	cps
Tin	118-1	1834	1650	1708	1731	5.41	cps

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M4080-03LX5	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)L	Dilution Factor :	5
Date & Time Acquired ::	2021-10-06 12:30:27	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5526	6110	5276	5638	7.59	cps
Uranium	238-1	1567	1408	1642	1539	7.74	cps
Vanadium	51-2	770	820	740	777	5.20	cps
Ytterbium	172-1	117	108	100	108	7.69	cps
Ytterbium	172-2	39	39	78	52	43.30	cps
Ytterbium	176-1	1942	1842	1775	1853	4.53	cps
Ytterbium	176-2	2139	2395	2884	2473	15.30	cps
Yttrium	89-1	31051752	30885721	30792088	30909854	0.43	cps
Yttrium	89-2	2287639	2854169	2888128	2676645	12.60	cps
Zinc	66-2	3330	3621	3394	3448	4.42	cps
Zirconium	90-1	1892	2025	1675	1864	9.48	cps
Zirconium	91-1	375	275	350	333	15.61	cps

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M4080-05	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 12:33:27	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18131	17515	17853	17833	1.73	cps
Antimony	121-1	1092	1508	1325	1308	15.96	cps
Arsenic	75-2	156	167	167	163	3.89	cps
Barium	135-1	124360	126952	126429	125914	1.09	cps
Barium	137-1	218218	218004	217690	217971	0.12	cps
Beryllium	9-1	106	72	84	87	19.74	cps
Bismuth	209-1	8163139	8275384	8039851	8159458	1.44	cps
Bismuth	209-2	4600697	4606058	4650922	4619226	0.60	cps
Boron	10-1	16092	16706	16756	16518	2.24	cps
Boron	11-1	75348	79809	82685	79281	4.66	cps
Bromine	81-1	84067	93091	106248	94469	11.81	cps
Cadmium	111-1	879	912	899	897	1.83	cps
Cadmium	106-1	8278	8878	8495	8550	3.56	cps
Cadmium	108-1	46	38	42	42	10.00	cps
Calcium	43-1	1054985	1067083	1058980	1060349	0.58	cps
Calcium	44-1	17986008	17735904	18212265	17978059	1.33	cps
Carbon	12-1	13636638	14802890	15553497	14664342	6.59	cps
Carbon	12-2	150426	152866	160024	154439	3.23	cps
Chlorine	35-1	3761163	3796386	3859790	3805779	1.31	cps
Chlorine	35-2	24187	22209	22142	22846	5.09	cps
Chromium	52-2	3080	2884	2774	2913	5.34	cps
Cobalt	59-2	1600	1507	1617	1575	3.77	cps
Copper	63-2	8259	7962	7952	8058	2.16	cps
Dysprosium	156-1	833	850	842	842	0.99	cps
Dysprosium	156-2	347	343	370	353	4.11	cps
Erbium	164-1	725	875	800	800	9.38	cps
Erbium	164-2	367	420	383	390	7.00	cps
Gadolinium	160-1	1042	992	1033	1022	2.62	cps
Gadolinium	160-2	417	517	520	484	12.12	cps
Holmium	165-1	14072860	14155124	13972111	14066698	0.65	cps
Holmium	165-2	6590984	6637514	6705508	6644669	0.87	cps
Indium	115-1	12738583	13177116	12564022	12826574	2.46	cps
Indium	115-2	1819557	1814778	1857594	1830643	1.28	cps
Iron	54-2	57293	56640	57215	57049	0.62	cps
Iron	56-2	1050692	1039087	1015711	1035163	1.72	cps
Iron	57-2	26803	26185	26586	26525	1.18	cps

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M4080-05	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 12:33:27	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	833	767	850	817	5.40	cps
Lead	206-1	5824	5529	5440	5598	3.59	cps
Lead	207-1	4445	4723	4779	4649	3.84	cps
Lead	208-1	21941	22075	21813	21943	0.60	cps
Lithium	6-1	4732719	4895417	4766020	4798052	1.79	cps
Magnesium	24-2	2113267	2120597	2074860	2102908	1.17	cps
Manganese	55-2	69834	67639	69642	69038	1.76	cps
Molybdenum	94-1	4016	2575	2567	3053	27.33	cps
Molybdenum	95-1	3142	2859	2950	2984	4.85	cps
Molybdenum	96-1	3284	3075	3217	3192	3.33	cps
Molybdenum	97-1	1950	1742	1767	1820	6.25	cps
Molybdenum	98-1	4468	4526	4876	4623	4.78	cps
Neodymium	150-1	1107	980	1067	1051	6.16	cps
Neodymium	150-2	343	333	330	336	2.07	cps
Nickel	60-2	1157	1157	1283	1199	6.10	cps
Phosphorus	31-2	333	308	283	308	8.11	cps
Potassium	39-2	416366	405544	415642	412518	1.47	cps
Rhodium	103-1	12448431	12443416	12545495	12479114	0.46	cps
Rhodium	103-2	5417713	5321535	5439224	5392824	1.16	cps
Scandium	45-1	9921839	9949052	9879861	9916917	0.35	cps
Scandium	45-2	257657	260347	263293	260432	1.08	cps
Selenium	82-1	157	187	118	154	22.37	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	72	54	65	64	14.25	cps
Silicon	28-1	37525825	35598476	35450524	36191608	3.20	cps
Silver	107-1	283	325	367	325	12.82	cps
Silver	109-1	242	267	167	225	23.13	cps
Sodium	23-2	11498744	11475480	11285781	11420002	1.02	cps
Strontium	86-1	602226	584959	594587	593924	1.46	cps
Strontium	88-1	5326813	5240579	5210931	5259441	1.14	cps
Sulfur	34-1	828958	824090	819932	824327	0.55	cps
Terbium	159-1	14911633	14971126	14846338	14909699	0.42	cps
Terbium	159-2	6533953	6488295	6453039	6491762	0.62	cps
Thallium	203-1	425	367	467	419	11.98	cps
Thallium	205-1	992	958	1042	997	4.21	cps
Tin	118-1	1742	1617	1642	1667	3.97	cps

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M4080-05	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 12:33:27	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	17028	16134	26293	19819	28.38	cps
Uranium	238-1	7127	7644	7803	7525	4.70	cps
Vanadium	51-2	2930	3080	3217	3076	4.66	cps
Ytterbium	172-1	342	325	450	372	18.23	cps
Ytterbium	172-2	167	206	189	187	10.43	cps
Ytterbium	176-1	1867	1992	1842	1900	4.23	cps
Ytterbium	176-2	2695	2800	3028	2841	6.00	cps
Yttrium	89-1	31572496	32349884	31368128	31763503	1.63	cps
Yttrium	89-2	3021765	2970227	3015023	3002338	0.93	cps
Zinc	66-2	17000	16803	16510	16771	1.47	cps
Zirconium	90-1	2892	2867	2659	2806	4.57	cps
Zirconium	91-1	533	508	692	578	17.21	cps

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M4080-02	Instrumnet Name :	P8
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 12:36:24	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8792	9449	8944	9062	3.80	cps
Antimony	121-1	2125	1934	1934	1997	5.54	cps
Arsenic	75-2	1265	1276	1217	1253	2.50	cps
Barium	135-1	327824	325186	322092	325034	0.88	cps
Barium	137-1	564690	566320	556713	562574	0.91	cps
Beryllium	9-1	104	98	120	107	10.60	cps
Bismuth	209-1	7910505	8406684	8027460	8114883	3.20	cps
Bismuth	209-2	4788586	4378116	4669253	4611985	4.58	cps
Boron	10-1	29760	31602	32568	31310	4.56	cps
Boron	11-1	144875	152570	156397	151281	3.88	cps
Bromine	81-1	116893	128940	140176	128669	9.05	cps
Cadmium	111-1	788	880	863	843	5.81	cps
Cadmium	106-1	7661	8444	8294	8133	5.12	cps
Cadmium	108-1	58	63	42	54	20.35	cps
Calcium	43-1	1074285	1070759	1062151	1069065	0.58	cps
Calcium	44-1	18126045	18026863	18102000	18084969	0.29	cps
Carbon	12-1	17025045	18384243	18863937	18091075	5.27	cps
Carbon	12-2	175045	176991	182601	178212	2.20	cps
Chlorine	35-1	3741615	3733457	3617527	3697533	1.88	cps
Chlorine	35-2	21208	20849	21066	21041	0.86	cps
Chromium	52-2	7549	8119	7645	7771	3.93	cps
Cobalt	59-2	19310	19674	19971	19651	1.68	cps
Copper	63-2	16103	16416	15592	16037	2.59	cps
Dysprosium	156-1	1558	1675	1650	1628	3.77	cps
Dysprosium	156-2	777	823	787	796	3.09	cps
Erbium	164-1	1500	1767	1583	1617	8.44	cps
Erbium	164-2	677	690	673	680	1.30	cps
Gadolinium	160-1	2000	1925	1817	1914	4.82	cps
Gadolinium	160-2	880	877	993	917	7.25	cps
Holmium	165-1	13931323	14538531	14840055	14436636	3.21	cps
Holmium	165-2	6827162	6377249	6613168	6605860	3.41	cps
Indium	115-1	12343385	13178209	13314719	12945438	4.06	cps
Indium	115-2	1915642	1769075	1828990	1837902	4.01	cps
Iron	54-2	2460851	2437512	2443723	2447362	0.49	cps
Iron	56-2	43841240	43745293	43551918	43712817	0.34	cps
Iron	57-2	1060185	1093197	1040306	1064562	2.51	cps

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M4080-02	Instrumnet Name :	P8
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 12:36:24	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1063	910	973	982	7.85	cps
Lead	206-1	8586	8286	8258	8377	2.17	cps
Lead	207-1	7047	6830	6591	6822	3.34	cps
Lead	208-1	32694	32194	31933	32274	1.20	cps
Lithium	6-1	4699136	4772770	4742954	4738287	0.78	cps
Magnesium	24-2	2109590	2141997	2059798	2103795	1.97	cps
Manganese	55-2	3298939	3289128	3327234	3305100	0.60	cps
Molybdenum	94-1	2992	2834	2909	2912	2.72	cps
Molybdenum	95-1	2900	3009	2942	2950	1.85	cps
Molybdenum	96-1	3842	4176	4501	4173	7.89	cps
Molybdenum	97-1	1700	1767	1550	1672	6.64	cps
Molybdenum	98-1	4017	4051	4409	4159	5.22	cps
Neodymium	150-1	2487	2494	2474	2485	0.41	cps
Neodymium	150-2	803	870	850	841	4.07	cps
Nickel	60-2	10891	10621	10934	10815	1.57	cps
Phosphorus	31-2	667	658	667	664	0.72	cps
Potassium	39-2	715677	711759	713099	713511	0.28	cps
Rhodium	103-1	11814738	12662960	12658835	12378844	3.95	cps
Rhodium	103-2	5743213	5112342	5362334	5405963	5.88	cps
Scandium	45-1	9353784	10065877	10410149	9943270	5.42	cps
Scandium	45-2	273066	244255	257643	258321	5.58	cps
Selenium	82-1	-63	116	73	42	224.04	cps
Selenium	77-2	10	10	7	9	21.63	cps
Selenium	78-2	73	84	65	74	12.89	cps
Silicon	28-1	40771388	41071705	40753893	40865662	0.44	cps
Silver	107-1	875	1042	1042	986	9.76	cps
Silver	109-1	892	925	883	900	2.45	cps
Sodium	23-2	11452288	11495617	11379525	11442477	0.51	cps
Strontium	86-1	472966	465354	469375	469232	0.81	cps
Strontium	88-1	4237876	4225452	4159466	4207598	1.00	cps
Sulfur	34-1	2697566	2676767	2703281	2692538	0.52	cps
Terbium	159-1	14340007	15648591	15339450	15109349	4.53	cps
Terbium	159-2	6727260	6208453	6432947	6456220	4.03	cps
Thallium	203-1	358	367	600	442	31.06	cps
Thallium	205-1	933	767	867	856	9.81	cps
Tin	118-1	2259	2317	2409	2328	3.25	cps

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M4080-02	Instrumnet Name :	P8
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 12:36:24	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	6610	6861	6510	6660	2.71	cps
Uranium	238-1	1108	992	1083	1061	5.79	cps
Vanadium	51-2	2894	2840	2734	2823	2.89	cps
Ytterbium	172-1	717	1168	642	842	33.80	cps
Ytterbium	172-2	278	428	256	320	29.24	cps
Ytterbium	176-1	2134	2400	2517	2350	8.36	cps
Ytterbium	176-2	2811	3028	2989	2943	3.93	cps
Yttrium	89-1	30424495	32867996	32837271	32043254	4.38	cps
Yttrium	89-2	3162976	2862425	2996096	3007166	5.01	cps
Zinc	66-2	22518	22551	21964	22344	1.48	cps
Zirconium	90-1	3943	3942	3759	3881	2.73	cps
Zirconium	91-1	867	908	775	850	8.02	cps

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M4080-04	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 12:39:21	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	28971	29238	28992	29067	0.51	cps
Antimony	121-1	3442	3534	3709	3562	3.81	cps
Arsenic	75-2	251	290	279	273	7.36	cps
Barium	135-1	139635	139315	141283	140078	0.75	cps
Barium	137-1	241651	249497	239722	243623	2.13	cps
Beryllium	9-1	124	130	134	129	3.89	cps
Bismuth	209-1	8044796	8282674	8109039	8145503	1.51	cps
Bismuth	209-2	4545880	4716147	4563837	4608621	2.03	cps
Boron	10-1	22805	24806	24411	24008	4.41	cps
Boron	11-1	111236	117837	120212	116429	3.99	cps
Bromine	81-1	95430	104644	114188	104754	8.95	cps
Cadmium	111-1	974	931	896	934	4.23	cps
Cadmium	106-1	8469	8745	7969	8394	4.68	cps
Cadmium	108-1	50	50	38	46	15.75	cps
Calcium	43-1	1105160	1122337	1114561	1114019	0.77	cps
Calcium	44-1	19033753	18859744	18562919	18818805	1.27	cps
Carbon	12-1	14131910	14844961	15629333	14868735	5.04	cps
Carbon	12-2	147236	152851	153833	151306	2.35	cps
Chlorine	35-1	3939650	3984262	4047512	3990475	1.36	cps
Chlorine	35-2	23912	25097	25523	24844	3.36	cps
Chromium	52-2	8599	9066	8933	8866	2.71	cps
Cobalt	59-2	2790	2674	2707	2724	2.21	cps
Copper	63-2	27851	27239	27634	27575	1.12	cps
Dysprosium	156-1	1167	1242	1117	1175	5.35	cps
Dysprosium	156-2	700	593	520	604	14.97	cps
Erbium	164-1	975	1133	1083	1064	7.61	cps
Erbium	164-2	513	533	490	512	4.23	cps
Gadolinium	160-1	1350	1342	1483	1392	5.71	cps
Gadolinium	160-2	677	777	707	720	7.13	cps
Holmium	165-1	14612564	14118568	14063798	14264977	2.12	cps
Holmium	165-2	6506587	6708962	6503872	6573140	1.79	cps
Indium	115-1	12868471	12700447	12836705	12801875	0.70	cps
Indium	115-2	1827065	1863280	1776986	1822444	2.38	cps
Iron	54-2	128058	126589	128844	127830	0.90	cps
Iron	56-2	2418272	2435089	2458166	2437176	0.82	cps
Iron	57-2	59011	59647	60715	59791	1.44	cps

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M4080-04	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 12:39:21	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	900	803	907	870	6.65	cps
Lead	206-1	13174	12890	13068	13044	1.10	cps
Lead	207-1	10994	10894	10599	10829	1.90	cps
Lead	208-1	50005	50133	49849	49996	0.28	cps
Lithium	6-1	4749067	4795075	4776244	4773462	0.48	cps
Magnesium	24-2	2223606	2204314	2194211	2207377	0.68	cps
Manganese	55-2	162935	165037	164350	164107	0.65	cps
Molybdenum	94-1	5435	5543	6035	5671	5.65	cps
Molybdenum	95-1	6719	6560	6752	6677	1.53	cps
Molybdenum	96-1	7411	7894	8011	7772	4.10	cps
Molybdenum	97-1	4418	3867	4309	4198	6.94	cps
Molybdenum	98-1	10413	10805	10404	10540	2.17	cps
Neodymium	150-1	1500	1513	1633	1549	4.74	cps
Neodymium	150-2	530	497	507	511	3.35	cps
Nickel	60-2	3684	3570	3497	3584	2.62	cps
Phosphorus	31-2	1934	1667	1758	1786	7.59	cps
Potassium	39-2	534615	548357	535323	539431	1.43	cps
Rhodium	103-1	12826278	12447729	12301133	12525047	2.16	cps
Rhodium	103-2	5308898	5483174	5163223	5318432	3.01	cps
Scandium	45-1	10204624	10068080	9864886	10045863	1.70	cps
Scandium	45-2	259412	257664	254348	257141	1.00	cps
Selenium	82-1	92	213	65	124	63.84	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	65	73	71	70	5.98	cps
Silicon	28-1	33725311	33082132	33513888	33440444	0.98	cps
Silver	107-1	608	708	750	689	10.57	cps
Silver	109-1	583	642	650	625	5.81	cps
Sodium	23-2	14039531	13755719	14002299	13932516	1.11	cps
Strontium	86-1	625452	623647	622885	623995	0.21	cps
Strontium	88-1	5470207	5554731	5478210	5501049	0.85	cps
Sulfur	34-1	953234	919741	926811	933262	1.89	cps
Terbium	159-1	14868496	14821369	15006429	14898765	0.65	cps
Terbium	159-2	6565340	6548479	6307561	6473793	2.23	cps
Thallium	203-1	358	367	408	378	7.09	cps
Thallium	205-1	1317	817	983	1039	24.51	cps
Tin	118-1	3709	3692	3784	3728	1.31	cps

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M4080-04	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 12:39:21	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	27210	27452	26216	26959	2.43	cps
Uranium	238-1	6719	7044	6910	6891	2.37	cps
Vanadium	51-2	4081	4107	4137	4108	0.69	cps
Ytterbium	172-1	392	533	325	417	25.54	cps
Ytterbium	172-2	172	239	222	211	16.43	cps
Ytterbium	176-1	2259	2034	2059	2117	5.83	cps
Ytterbium	176-2	2773	2789	3112	2891	6.61	cps
Yttrium	89-1	32618873	32609600	32166171	32464881	0.80	cps
Yttrium	89-2	3019650	2999858	2950851	2990120	1.18	cps
Zinc	66-2	14391	14144	14457	14331	1.15	cps
Zirconium	90-1	4109	4301	4451	4287	4.00	cps
Zirconium	91-1	925	767	892	861	9.69	cps

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M4080-06	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 12:42:17	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17162	17145	17159	17156	0.05	cps
Antimony	121-1	1392	1183	1225	1267	8.70	cps
Arsenic	75-2	169	160	153	161	4.99	cps
Barium	135-1	118347	122360	122788	121165	2.02	cps
Barium	137-1	209555	209814	207195	208855	0.69	cps
Beryllium	9-1	92	94	104	97	6.65	cps
Bismuth	209-1	8283651	8439324	6890609	7871194	10.83	cps
Bismuth	209-2	4536024	4664365	4628391	4609593	1.44	cps
Boron	10-1	16406	17307	17425	17046	3.27	cps
Boron	11-1	80994	85370	84285	83549	2.73	cps
Bromine	81-1	89242	103092	104967	99101	8.67	cps
Cadmium	111-1	902	901	781	861	8.10	cps
Cadmium	106-1	8853	8545	7444	8281	8.95	cps
Cadmium	108-1	42	58	38	46	24.05	cps
Calcium	43-1	1018643	1018535	1028476	1021884	0.56	cps
Calcium	44-1	16698243	17075367	17180443	16984684	1.49	cps
Carbon	12-1	13681816	15138185	15422584	14747528	6.33	cps
Carbon	12-2	151798	152362	156934	153698	1.83	cps
Chlorine	35-1	3942972	3941151	4016856	3966993	1.09	cps
Chlorine	35-2	23528	24663	23611	23934	2.64	cps
Chromium	52-2	2927	2790	2820	2846	2.52	cps
Cobalt	59-2	1413	1530	1560	1501	5.16	cps
Copper	63-2	7822	7575	7575	7658	1.86	cps
Dysprosium	156-1	825	800	692	772	9.18	cps
Dysprosium	156-2	377	397	397	390	2.96	cps
Erbium	164-1	817	767	825	803	3.93	cps
Erbium	164-2	357	383	380	373	3.89	cps
Gadolinium	160-1	925	1025	1017	989	5.61	cps
Gadolinium	160-2	460	440	473	458	3.67	cps
Holmium	165-1	14673014	14517694	12041490	13744066	10.74	cps
Holmium	165-2	6808302	6684469	6736060	6742944	0.92	cps
Indium	115-1	12887887	13114815	11014970	12339224	9.34	cps
Indium	115-2	1844626	1822538	1847854	1838339	0.75	cps
Iron	54-2	55307	55430	54315	55017	1.11	cps
Iron	56-2	994046	989310	979480	987612	0.75	cps
Iron	57-2	25006	25496	24989	25163	1.14	cps

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M4080-06	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 12:42:17	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	897	873	1040	937	9.64	cps
Lead	206-1	5924	5901	5368	5731	5.49	cps
Lead	207-1	4857	5062	4962	4960	2.07	cps
Lead	208-1	22908	23186	22213	22769	2.20	cps
Lithium	6-1	4842711	4930700	4083932	4619114	10.08	cps
Magnesium	24-2	2107719	2066727	2060878	2078441	1.23	cps
Manganese	55-2	68591	66310	66156	67019	2.03	cps
Molybdenum	94-1	2400	2809	2475	2561	8.49	cps
Molybdenum	95-1	2817	2975	2842	2878	2.96	cps
Molybdenum	96-1	3050	3150	3451	3217	6.47	cps
Molybdenum	97-1	1892	2009	1817	1906	5.07	cps
Molybdenum	98-1	4384	4568	4434	4462	2.12	cps
Neodymium	150-1	973	933	1047	985	5.84	cps
Neodymium	150-2	340	373	337	350	5.79	cps
Nickel	60-2	1137	1093	1253	1161	7.13	cps
Phosphorus	31-2	267	233	258	253	6.86	cps
Potassium	39-2	404374	399348	395323	399682	1.13	cps
Rhodium	103-1	12836051	12657089	10633341	12042161	10.16	cps
Rhodium	103-2	5414615	5311944	5456132	5394230	1.38	cps
Scandium	45-1	9878850	10300173	8525174	9568066	9.69	cps
Scandium	45-2	254239	260938	257290	257489	1.30	cps
Selenium	82-1	79	108	14	67	71.91	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	58	64	65	62	6.07	cps
Silicon	28-1	34539651	34492397	33680234	34237427	1.41	cps
Silver	107-1	292	342	283	306	10.32	cps
Silver	109-1	208	208	208	208	0.00	cps
Sodium	23-2	11324070	10888921	10999152	11070714	2.04	cps
Strontium	86-1	572066	585283	573055	576802	1.28	cps
Strontium	88-1	5041866	4966184	5009884	5005978	0.76	cps
Sulfur	34-1	811384	815972	799495	808950	1.05	cps
Terbium	159-1	14911198	15240810	12430821	14194276	10.82	cps
Terbium	159-2	6327014	6360318	6499262	6395531	1.43	cps
Thallium	203-1	392	258	400	350	22.71	cps
Thallium	205-1	942	925	800	889	8.71	cps
Tin	118-1	1792	1600	1759	1717	5.97	cps

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M4080-06	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 12:42:17	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	15400	17080	15292	15924	6.30	cps
Uranium	238-1	7052	7252	7227	7177	1.52	cps
Vanadium	51-2	3027	2940	2680	2883	6.26	cps
Ytterbium	172-1	492	433	367	431	14.53	cps
Ytterbium	172-2	222	233	211	222	5.00	cps
Ytterbium	176-1	2150	1959	1625	1911	13.90	cps
Ytterbium	176-2	2611	2884	2939	2811	6.24	cps
Yttrium	89-1	32891910	32117144	27712680	30907244	9.04	cps
Yttrium	89-2	2997428	3033617	3041440	3024162	0.78	cps
Zinc	66-2	16803	16964	16480	16749	1.47	cps
Zirconium	90-1	2942	2809	2817	2856	2.61	cps
Zirconium	91-1	575	567	500	547	7.51	cps

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	CCV68	Instrumnet Name :	P8
Client Sample ID :	CCV68	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 12:47:49	DataFile Name :	035CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3575645	3510969	3643360	3576658	1.85	cps
Antimony	121-1	4912436	5058167	4952496	4974366	1.51	cps
Arsenic	75-2	141924	140580	140922	141142	0.49	cps
Barium	135-1	6551075	6596608	6591135	6579606	0.38	cps
Barium	137-1	11159719	11577429	11435889	11391012	1.86	cps
Beryllium	9-1	1487110	1519063	1485733	1497302	1.26	cps
Bismuth	209-1	7181315	7261096	7452633	7298348	1.91	cps
Bismuth	209-2	4115994	4278534	4211752	4202093	1.94	cps
Boron	10-1	148011	156479	157931	154140	3.48	cps
Boron	11-1	700883	732537	763848	732423	4.30	cps
Bromine	81-1	29371	29230	30204	29602	1.78	cps
Cadmium	111-1	1308669	1366407	1356192	1343756	2.29	cps
Cadmium	106-1	161153	164102	157923	161060	1.92	cps
Cadmium	108-1	105787	107023	105971	106260	0.63	cps
Calcium	43-1	10378145	10538831	10631583	10516186	1.22	cps
Calcium	44-1	172157701	172615273	171484935	172085970	0.33	cps
Carbon	12-1	8086205	8343826	8183231	8204420	1.59	cps
Carbon	12-2	82641	83698	82532	82957	0.78	cps
Chlorine	35-1	2934490	2723576	2700834	2786300	4.62	cps
Chlorine	35-2	16134	15392	15008	15511	3.69	cps
Chromium	52-2	1595001	1600492	1579212	1591568	0.69	cps
Cobalt	59-2	2879498	2791620	2831347	2834155	1.55	cps
Copper	63-2	21571025	21786586	22494624	21950745	2.20	cps
Dysprosium	156-1	867	992	983	947	7.38	cps
Dysprosium	156-2	417	417	470	434	7.09	cps
Erbium	164-1	192	250	275	239	17.90	cps
Erbium	164-2	103	80	107	97	15.03	cps
Gadolinium	160-1	875	1117	908	967	13.55	cps
Gadolinium	160-2	543	577	543	554	3.47	cps
Holmium	165-1	13418027	13506892	13482800	13469240	0.34	cps
Holmium	165-2	6446130	6344961	6515103	6435398	1.33	cps
Indium	115-1	11611080	11878086	11612912	11700693	1.31	cps
Indium	115-2	1716250	1722263	1746897	1728470	0.94	cps
Iron	54-2	16627513	17049922	16465996	16714477	1.80	cps
Iron	56-2	303377940	304525273	296332129	301411781	1.47	cps
Iron	57-2	7664692	7649542	7701916	7672050	0.35	cps

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	CCV68	Instrumnet Name :	P8
Client Sample ID :	CCV68	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 12:47:49	DataFile Name :	035CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	890	883	937	903	3.22	cps
Lead	206-1	17875515	17931909	18031227	17946217	0.44	cps
Lead	207-1	15270902	15644197	15663177	15526092	1.42	cps
Lead	208-1	69877887	71634216	71825779	71112627	1.51	cps
Lithium	6-1	4450714	4521291	4526246	4499417	0.94	cps
Magnesium	24-2	54191149	54713426	54634391	54512989	0.52	cps
Manganese	55-2	7795645	7942700	7614401	7784249	2.11	cps
Molybdenum	94-1	12659111	12859945	12684552	12734536	0.86	cps
Molybdenum	95-1	15587058	15724594	15320040	15543898	1.32	cps
Molybdenum	96-1	16772847	17347632	17265901	17128793	1.82	cps
Molybdenum	97-1	9207225	9557463	9352621	9372436	1.88	cps
Molybdenum	98-1	24210548	24622888	24204554	24345997	0.99	cps
Neodymium	150-1	380	413	393	396	4.24	cps
Neodymium	150-2	40	37	23	33	26.47	cps
Nickel	60-2	756760	767327	757548	760545	0.77	cps
Phosphorus	31-2	24405	24513	24730	24549	0.67	cps
Potassium	39-2	20694471	20933950	20591334	20739918	0.85	cps
Rhodium	103-1	11014800	11357268	11130416	11167495	1.56	cps
Rhodium	103-2	4943090	4904461	5025353	4957634	1.25	cps
Scandium	45-1	9313350	9284298	9470286	9355978	1.07	cps
Scandium	45-2	249341	253369	256825	253178	1.48	cps
Selenium	82-1	106343	107534	106790	106889	0.56	cps
Selenium	77-2	2890	2854	2717	2820	3.24	cps
Selenium	78-2	9446	9463	9375	9428	0.50	cps
Silicon	28-1	5121573	5391635	5468407	5327205	3.42	cps
Silver	107-1	7375595	7344165	7104824	7274861	2.04	cps
Silver	109-1	6889708	7029925	6936495	6952043	1.03	cps
Sodium	23-2	105846140	104917586	103985140	104916288	0.89	cps
Strontium	86-1	19668411	20000734	19760038	19809728	0.87	cps
Strontium	88-1	169625187	170269866	171393796	170429616	0.53	cps
Sulfur	34-1	908147	908213	910286	908882	0.13	cps
Terbium	159-1	14110867	14380769	14349019	14280218	1.03	cps
Terbium	159-2	6326868	6389734	6441031	6385878	0.90	cps
Thallium	203-1	4345965	4488182	4429143	4421097	1.62	cps
Thallium	205-1	10246416	10346005	10435612	10342678	0.92	cps
Tin	118-1	4519030	4594361	4433876	4515756	1.78	cps

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	CCV68	Instrumnet Name :	P8
Client Sample ID :	CCV68	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 12:47:49	DataFile Name :	035CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4856822	4899800	4825696	4860773	0.77	cps
Uranium	238-1	13721589	13661296	13754850	13712579	0.35	cps
Vanadium	51-2	1209638	1200617	1199457	1203237	0.46	cps
Ytterbium	172-1	133	83	83	100	28.87	cps
Ytterbium	172-2	44	56	61	54	15.80	cps
Ytterbium	176-1	20491	20767	20433	20564	0.87	cps
Ytterbium	176-2	11188	11427	11783	11466	2.61	cps
Yttrium	89-1	29389405	30286210	31244396	30306670	3.06	cps
Yttrium	89-2	2917042	2934887	3004352	2952094	1.56	cps
Zinc	66-2	2327100	2296260	2354698	2326019	1.26	cps
Zirconium	90-1	11012805	11151415	11332501	11165573	1.44	cps
Zirconium	91-1	2548482	2496607	2519203	2521430	1.03	cps

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	CCB68	Instrumnet Name :	P8
Client Sample ID :	CCB68	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 12:57:12	DataFile Name :	036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	151	167	142	154	8.25	cps
Antimony	121-1	283	367	383	344	15.55	cps
Arsenic	75-2	7	10	3	7	52.68	cps
Barium	135-1	100	133	58	97	38.66	cps
Barium	137-1	125	200	158	161	23.33	cps
Beryllium	9-1	74	54	50	59	21.67	cps
Bismuth	209-1	7633167	7893619	7776410	7767732	1.68	cps
Bismuth	209-2	4523192	4194840	4424280	4380770	3.85	cps
Boron	10-1	5068	4760	4836	4888	3.28	cps
Boron	11-1	23190	23058	22357	22868	1.96	cps
Bromine	81-1	26252	25409	26753	26138	2.60	cps
Cadmium	111-1	805	783	729	772	5.06	cps
Cadmium	106-1	7702	7469	7019	7397	4.70	cps
Cadmium	108-1	46	38	21	35	36.66	cps
Calcium	43-1	540	555	547	547	1.37	cps
Calcium	44-1	54758	55342	54552	54884	0.75	cps
Carbon	12-1	6474243	6393950	6451052	6439748	0.64	cps
Carbon	12-2	58015	57622	59638	58425	1.83	cps
Chlorine	35-1	2802911	2692843	2585122	2693625	4.04	cps
Chlorine	35-2	15317	14257	13707	14427	5.67	cps
Chromium	52-2	1210	1083	1260	1185	7.69	cps
Cobalt	59-2	80	77	97	84	12.69	cps
Copper	63-2	1103	1047	1043	1064	3.17	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	33	83	83	67	43.31	cps
Erbium	164-2	17	40	37	31	40.56	cps
Gadolinium	160-1	117	100	133	117	14.29	cps
Gadolinium	160-2	67	63	63	64	2.99	cps
Holmium	165-1	13622401	13525089	13530045	13559178	0.40	cps
Holmium	165-2	6344129	6123763	6253434	6240442	1.77	cps
Indium	115-1	12356175	12168866	12089492	12204844	1.12	cps
Indium	115-2	1783749	1682605	1766390	1744248	3.10	cps
Iron	54-2	606	794	711	704	13.45	cps
Iron	56-2	6613	6463	6796	6624	2.52	cps
Iron	57-2	189	128	150	156	19.88	cps

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	CCB68	Instrumnet Name :	P8
Client Sample ID :	CCB68	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 12:57:12	DataFile Name :	036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	953	930	1043	976	6.13	cps
Lead	206-1	1739	1600	1711	1683	4.37	cps
Lead	207-1	1456	1245	1489	1396	9.49	cps
Lead	208-1	6756	6362	6584	6567	3.01	cps
Lithium	6-1	4502000	4423870	4619973	4515281	2.19	cps
Magnesium	24-2	542	792	658	664	18.84	cps
Manganese	55-2	187	207	190	194	5.51	cps
Molybdenum	94-1	608	742	608	653	11.79	cps
Molybdenum	95-1	375	350	325	350	7.14	cps
Molybdenum	96-1	492	383	300	392	24.54	cps
Molybdenum	97-1	250	175	142	189	29.38	cps
Molybdenum	98-1	492	458	500	483	4.56	cps
Neodymium	150-1	13	7	0	7	99.98	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	130	183	93	136	33.39	cps
Phosphorus	31-2	133	58	117	103	38.32	cps
Potassium	39-2	18896	18930	18496	18774	1.29	cps
Rhodium	103-1	12032040	12247852	11976071	12085321	1.19	cps
Rhodium	103-2	5171834	5066905	5303612	5180784	2.29	cps
Scandium	45-1	9484643	9454974	9621833	9520484	0.93	cps
Scandium	45-2	247593	236641	244100	242778	2.30	cps
Selenium	82-1	-10	59	-110	-20	-420.89	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	64	60	70	65	7.78	cps
Silicon	28-1	543374	544049	542657	543360	0.13	cps
Silver	107-1	633	767	550	650	16.81	cps
Silver	109-1	550	625	650	608	8.56	cps
Sodium	23-2	40666	41276	40615	40852	0.90	cps
Strontium	86-1	1633	1775	1550	1653	6.88	cps
Strontium	88-1	1667	1575	1583	1608	3.15	cps
Sulfur	34-1	439365	437095	437831	438097	0.26	cps
Terbium	159-1	14148346	14428656	14188003	14255002	1.06	cps
Terbium	159-2	6274020	5926403	6198252	6132892	2.98	cps
Thallium	203-1	542	408	608	519	19.61	cps
Thallium	205-1	1342	1442	1108	1297	13.19	cps
Tin	118-1	1267	1458	1225	1317	9.45	cps

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	CCB68	Instrumnet Name :	P8
Client Sample ID :	CCB68	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 12:57:12	DataFile Name :	036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	367	392	292	350	14.87	cps
Uranium	238-1	117	108	92	106	12.06	cps
Vanadium	51-2	27	13	30	23	37.81	cps
Ytterbium	172-1	8	58	25	31	83.32	cps
Ytterbium	172-2	17	0	0	6	173.21	cps
Ytterbium	176-1	1608	1675	1683	1656	2.48	cps
Ytterbium	176-2	2817	2934	2845	2865	2.13	cps
Yttrium	89-1	30034980	31547349	30496173	30692834	2.53	cps
Yttrium	89-2	2902377	2817414	2900529	2873440	1.69	cps
Zinc	66-2	583	433	530	516	14.75	cps
Zirconium	90-1	1417	1442	1467	1442	1.73	cps
Zirconium	91-1	242	233	317	264	17.39	cps

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M4080-03MSRE	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)MSRE	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 13:48:58	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	716066	709012	705758	710279	0.74	cps
Antimony	121-1	5125301	5134979	5191542	5150608	0.69	cps
Arsenic	75-2	142496	142746	141564	142269	0.44	cps
Barium	135-1	6678140	6695442	6716028	6696537	0.28	cps
Barium	137-1	11397106	11547533	11221086	11388575	1.43	cps
Beryllium	9-1	1564085	1599410	1554537	1572677	1.50	cps
Bismuth	209-1	8159562	8214619	7982019	8118733	1.50	cps
Bismuth	209-2	4513553	4650705	4777153	4647137	2.84	cps
Boron	10-1	204717	206652	211927	207765	1.80	cps
Boron	11-1	902940	927350	956378	928889	2.88	cps
Bromine	81-1	71666	86021	89918	82535	11.65	cps
Cadmium	111-1	1273387	1309191	1304838	1295805	1.51	cps
Cadmium	106-1	155902	155304	157435	156214	0.70	cps
Cadmium	108-1	102099	100719	102876	101898	1.07	cps
Calcium	43-1	3251745	3177959	3138099	3189268	1.81	cps
Calcium	44-1	52058981	51896213	51127694	51694296	0.96	cps
Carbon	12-1	12117017	13234520	14079696	13143744	7.49	cps
Carbon	12-2	136052	140689	141647	139462	2.15	cps
Chlorine	35-1	3778659	3710009	3827850	3772173	1.57	cps
Chlorine	35-2	23328	22409	22017	22585	2.98	cps
Chromium	52-2	1639166	1568458	1554767	1587464	2.85	cps
Cobalt	59-2	2860138	2792661	2885345	2846048	1.68	cps
Copper	63-2	23712860	24633783	23846860	24064501	2.07	cps
Dysprosium	156-1	1517	1700	1633	1617	5.74	cps
Dysprosium	156-2	577	690	683	650	9.78	cps
Erbium	164-1	1258	1058	1000	1106	12.26	cps
Erbium	164-2	483	547	557	529	7.52	cps
Gadolinium	160-1	1700	1692	1550	1647	5.12	cps
Gadolinium	160-2	793	793	817	801	1.68	cps
Holmium	165-1	14220149	14363314	14655361	14412941	1.54	cps
Holmium	165-2	6527497	7088868	6928719	6848361	4.22	cps
Indium	115-1	12726784	12720887	13004792	12817488	1.27	cps
Indium	115-2	1781222	1901531	1892585	1858446	3.61	cps
Iron	54-2	172551	172531	171383	172155	0.39	cps
Iron	56-2	2331047	2313746	2352467	2332420	0.83	cps
Iron	57-2	56378	55659	56367	56135	0.73	cps

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M4080-03MSRE	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)MSRE	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 13:48:58	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	910	940	937	929	1.77	cps
Lead	206-1	18641043	18521397	18484039	18548826	0.44	cps
Lead	207-1	16348543	16359114	16243013	16316890	0.39	cps
Lead	208-1	74215368	74577527	73839272	74210723	0.50	cps
Lithium	6-1	4821877	4862011	4948456	4877448	1.33	cps
Magnesium	24-2	12807162	12864458	12639677	12770432	0.91	cps
Manganese	55-2	8130721	8216334	8144244	8163766	0.56	cps
Molybdenum	94-1	12518988	12603483	12377973	12500148	0.91	cps
Molybdenum	95-1	15307104	15414111	15220477	15313897	0.63	cps
Molybdenum	96-1	16671660	17098196	17012140	16927332	1.33	cps
Molybdenum	97-1	9213692	9383833	9228625	9275383	1.02	cps
Molybdenum	98-1	24154425	24288974	23773094	24072164	1.11	cps
Neodymium	150-1	1580	1740	1667	1662	4.82	cps
Neodymium	150-2	480	473	437	463	5.04	cps
Nickel	60-2	749548	738204	745401	744384	0.77	cps
Phosphorus	31-2	1900	1492	1625	1672	12.45	cps
Potassium	39-2	4670109	4484042	4473272	4542474	2.44	cps
Rhodium	103-1	12189641	12391932	12221545	12267706	0.89	cps
Rhodium	103-2	5167913	5594929	5491138	5417993	4.11	cps
Scandium	45-1	9972532	9949375	9799386	9907098	0.95	cps
Scandium	45-2	257485	265399	276876	266587	3.66	cps
Selenium	82-1	106833	107257	108106	107399	0.60	cps
Selenium	77-2	2784	2644	2810	2746	3.26	cps
Selenium	78-2	8997	9296	9233	9175	1.72	cps
Silicon	28-1	37486980	38255843	38398473	38047098	1.29	cps
Silver	107-1	5910690	5372603	6725290	6002861	11.35	cps
Silver	109-1	5776895	6000662	6250827	6009461	3.95	cps
Sodium	23-2	34062234	33433629	33217242	33571035	1.31	cps
Strontium	86-1	2781564	2729976	2795532	2769024	1.25	cps
Strontium	88-1	23751484	23079843	23415853	23415726	1.43	cps
Sulfur	34-1	909442	891011	906606	902353	1.10	cps
Terbium	159-1	15382968	15048805	15146485	15192753	1.13	cps
Terbium	159-2	6443750	6677587	6911990	6677776	3.51	cps
Thallium	203-1	4694040	4632941	4544353	4623778	1.63	cps
Thallium	205-1	10870812	10822224	10721294	10804777	0.71	cps
Tin	118-1	4582179	4554790	4589869	4575613	0.40	cps

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M4080-03MSRE	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)MSRE	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 13:48:58	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4825531	4839747	4763663	4809647	0.84	cps
Uranium	238-1	14226456	13807323	13726659	13920146	1.93	cps
Vanadium	51-2	1223872	1190530	1199210	1204537	1.44	cps
Ytterbium	172-1	567	500	483	517	8.53	cps
Ytterbium	172-2	233	233	267	244	7.87	cps
Ytterbium	176-1	2209	1900	1900	2003	8.89	cps
Ytterbium	176-2	3401	3689	3756	3615	5.23	cps
Yttrium	89-1	32270542	32252485	31702364	32075130	1.01	cps
Yttrium	89-2	2955462	3184100	3173846	3104469	4.16	cps
Zinc	66-2	2521303	2583156	2517266	2540575	1.45	cps
Zirconium	90-1	10837832	10914786	10809246	10853955	0.50	cps
Zirconium	91-1	2451033	2416456	2420657	2429382	0.78	cps

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M4080-03MSDRE	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)MSDRE	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 13:51:51	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	725888	716376	726075	722779	0.77	cps
Antimony	121-1	5263507	5249138	5134699	5215781	1.35	cps
Arsenic	75-2	145484	144431	144426	144780	0.42	cps
Barium	135-1	7007975	6768641	6713238	6829952	2.29	cps
Barium	137-1	12004114	12016622	11620551	11880429	1.90	cps
Beryllium	9-1	1562530	1522462	1517984	1534325	1.60	cps
Bismuth	209-1	8403753	8292934	8231799	8309495	1.05	cps
Bismuth	209-2	4466383	4396329	4439655	4434123	0.80	cps
Boron	10-1	211507	215455	214784	213915	0.99	cps
Boron	11-1	958953	924315	959201	947490	2.12	cps
Bromine	81-1	85838	90501	97859	91399	6.63	cps
Cadmium	111-1	1328337	1329797	1322812	1326982	0.28	cps
Cadmium	106-1	159073	159743	158689	159169	0.34	cps
Cadmium	108-1	104904	104235	103519	104220	0.66	cps
Calcium	43-1	3209538	3270460	3182652	3220883	1.40	cps
Calcium	44-1	53024285	53842049	52318704	53061679	1.44	cps
Carbon	12-1	14504444	14881305	15439251	14941667	3.15	cps
Carbon	12-2	152765	155824	151889	153492	1.35	cps
Chlorine	35-1	3895102	3891549	3929735	3905462	0.54	cps
Chlorine	35-2	23186	23236	23887	23436	1.67	cps
Chromium	52-2	1583398	1631351	1585496	1600082	1.69	cps
Cobalt	59-2	2886535	2877334	2868463	2877444	0.31	cps
Copper	63-2	24247020	23827625	23747332	23940659	1.12	cps
Dysprosium	156-1	1625	1492	1558	1558	4.28	cps
Dysprosium	156-2	570	683	650	634	9.18	cps
Erbium	164-1	1017	1192	1133	1114	8.00	cps
Erbium	164-2	557	513	493	521	6.21	cps
Gadolinium	160-1	1700	1750	1408	1620	11.40	cps
Gadolinium	160-2	787	820	777	794	2.86	cps
Holmium	165-1	14808636	14483526	15153517	14815226	2.26	cps
Holmium	165-2	6638788	6547816	6638308	6608304	0.79	cps
Indium	115-1	13146978	12739473	13055033	12980495	1.65	cps
Indium	115-2	1786940	1790881	1836692	1804838	1.53	cps
Iron	54-2	173328	169263	173177	171923	1.34	cps
Iron	56-2	2371183	2335698	2341169	2349350	0.81	cps
Iron	57-2	57270	57348	56841	57153	0.48	cps

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M4080-03MSDRE	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)MSDRE	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 13:51:51	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	960	923	803	896	9.15	cps
Lead	206-1	19315282	19281143	19334577	19310334	0.14	cps
Lead	207-1	17216028	16664328	16307715	16729357	2.74	cps
Lead	208-1	77672880	76981143	75347287	76667103	1.56	cps
Lithium	6-1	4953600	4721170	4694588	4789786	2.97	cps
Magnesium	24-2	12509632	12928508	12806195	12748112	1.69	cps
Manganese	55-2	8481596	8474028	8416568	8457397	0.42	cps
Molybdenum	94-1	12622408	12861730	12782317	12755485	0.96	cps
Molybdenum	95-1	15678727	15592084	15567016	15612609	0.38	cps
Molybdenum	96-1	17049320	17277257	17046923	17124500	0.77	cps
Molybdenum	97-1	9176942	9460116	9445823	9360960	1.70	cps
Molybdenum	98-1	24348833	24625504	24615643	24529993	0.64	cps
Neodymium	150-1	1894	1814	1900	1869	2.58	cps
Neodymium	150-2	547	457	527	510	9.27	cps
Nickel	60-2	751553	747025	751386	749988	0.34	cps
Phosphorus	31-2	1467	1984	1850	1767	15.18	cps
Potassium	39-2	4597212	4562473	4529778	4563155	0.74	cps
Rhodium	103-1	12477494	12464280	12535585	12492453	0.30	cps
Rhodium	103-2	5271215	5242230	5216816	5243420	0.52	cps
Scandium	45-1	10229059	10210673	10136907	10192213	0.48	cps
Scandium	45-2	250236	262415	257907	256853	2.40	cps
Selenium	82-1	110090	109923	108541	109518	0.78	cps
Selenium	77-2	2700	2714	2727	2714	0.49	cps
Selenium	78-2	9448	9261	9474	9394	1.24	cps
Silicon	28-1	39193209	38015430	37458830	38222490	2.32	cps
Silver	107-1	6658092	6444960	5898287	6333780	6.19	cps
Silver	109-1	5220990	5227733	6375964	5608229	11.86	cps
Sodium	23-2	33637558	34460806	33592980	33897115	1.44	cps
Strontium	86-1	2750814	2802107	2769018	2773980	0.94	cps
Strontium	88-1	23421292	23956245	23983148	23786895	1.33	cps
Sulfur	34-1	999385	877379	959489	945418	6.58	cps
Terbium	159-1	15611637	14991216	15410638	15337830	2.06	cps
Terbium	159-2	6451724	6437089	6438312	6442375	0.13	cps
Thallium	203-1	4641719	4774465	4631478	4682554	1.70	cps
Thallium	205-1	11138082	11228915	10926661	11097886	1.40	cps
Tin	118-1	4664659	4596336	4665882	4642292	0.86	cps

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M4080-03MSDRE	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)MSDRE	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 13:51:51	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4913466	4948057	4867134	4909552	0.83	cps
Uranium	238-1	14145174	14269164	14325267	14246535	0.65	cps
Vanadium	51-2	1223135	1207369	1217771	1216092	0.66	cps
Ytterbium	172-1	533	392	458	461	15.37	cps
Ytterbium	172-2	211	200	244	219	10.59	cps
Ytterbium	176-1	2117	1950	2200	2089	6.09	cps
Ytterbium	176-2	2967	3273	3073	3104	5.00	cps
Yttrium	89-1	33699197	32835190	32948473	33160953	1.42	cps
Yttrium	89-2	3000490	2960939	3048399	3003276	1.46	cps
Zinc	66-2	2560629	2554955	2554886	2556823	0.13	cps
Zirconium	90-1	10925572	11076852	11107481	11036635	0.88	cps
Zirconium	91-1	2477623	2465896	2502065	2481861	0.74	cps

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M4080-03ARE	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)ARE	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 13:55:00	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	725354	726890	737980	730075	0.94	cps
Antimony	121-1	5051569	5033911	5068213	5051231	0.34	cps
Arsenic	75-2	145902	146242	148521	146888	0.97	cps
Barium	135-1	6644330	6612603	6561827	6606253	0.63	cps
Barium	137-1	11465208	11290080	11492306	11415865	0.96	cps
Beryllium	9-1	1501624	1506451	1464369	1490815	1.54	cps
Bismuth	209-1	8188019	7856953	8088772	8044581	2.11	cps
Bismuth	209-2	4592182	4659673	4586584	4612813	0.88	cps
Boron	10-1	203389	209849	214786	209341	2.73	cps
Boron	11-1	889568	913075	950502	917715	3.35	cps
Bromine	81-1	83424	93203	100581	92402	9.31	cps
Cadmium	111-1	1282774	1291094	1302650	1292173	0.77	cps
Cadmium	106-1	153137	152262	156998	154132	1.64	cps
Cadmium	108-1	100388	101567	101697	101217	0.71	cps
Calcium	43-1	3149384	3067121	3088070	3101525	1.38	cps
Calcium	44-1	51952791	51060513	50522679	51178661	1.41	cps
Carbon	12-1	12496961	13968859	14694916	13720245	8.16	cps
Carbon	12-2	147352	145888	150022	147754	1.42	cps
Chlorine	35-1	3931146	3901747	3942921	3925271	0.54	cps
Chlorine	35-2	24338	25339	25206	24961	2.18	cps
Chromium	52-2	1599241	1614866	1659503	1624536	1.93	cps
Cobalt	59-2	2908851	2891820	3005219	2935297	2.08	cps
Copper	63-2	23740643	23801196	24881627	24141155	2.66	cps
Dysprosium	156-1	1483	1608	1400	1497	7.00	cps
Dysprosium	156-2	623	787	757	722	12.04	cps
Erbium	164-1	1317	1283	1200	1267	4.74	cps
Erbium	164-2	537	510	563	537	4.97	cps
Gadolinium	160-1	1650	1550	1759	1653	6.30	cps
Gadolinium	160-2	850	860	877	862	1.56	cps
Holmium	165-1	14521709	14006224	14264537	14264157	1.81	cps
Holmium	165-2	6751114	6814066	6713839	6759673	0.75	cps
Indium	115-1	12526684	12571846	12727997	12608842	0.84	cps
Indium	115-2	1824072	1856117	1847463	1842551	0.90	cps
Iron	54-2	171761	172316	175173	173083	1.06	cps
Iron	56-2	2368721	2325157	2392120	2361999	1.44	cps
Iron	57-2	57811	58860	59809	58827	1.70	cps

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M4080-03ARE	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)ARE	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 13:55:00	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	850	913	903	889	3.83	cps
Lead	206-1	18484316	18420867	18122298	18342494	1.05	cps
Lead	207-1	16172457	15857556	15873688	15967900	1.11	cps
Lead	208-1	73998077	72982871	73106363	73362437	0.76	cps
Lithium	6-1	4703560	4506309	4479372	4563080	2.68	cps
Magnesium	24-2	13067752	12602663	13194872	12955096	2.41	cps
Manganese	55-2	8402033	8506068	8633974	8514025	1.36	cps
Molybdenum	94-1	11983665	12260152	12270475	12171430	1.34	cps
Molybdenum	95-1	14790566	15174497	15104175	15023079	1.36	cps
Molybdenum	96-1	16507114	16672697	16708888	16629566	0.65	cps
Molybdenum	97-1	9181632	8976422	9149973	9102676	1.21	cps
Molybdenum	98-1	24017616	23626150	23887095	23843621	0.84	cps
Neodymium	150-1	1860	1673	1713	1749	5.62	cps
Neodymium	150-2	487	530	480	499	5.44	cps
Nickel	60-2	759439	758941	771480	763286	0.93	cps
Phosphorus	31-2	1808	1942	1792	1847	4.45	cps
Potassium	39-2	4631241	4684186	4639968	4651798	0.61	cps
Rhodium	103-1	12161725	11880685	12117823	12053411	1.25	cps
Rhodium	103-2	5362842	5380922	5337183	5360316	0.41	cps
Scandium	45-1	9962231	9918681	9667361	9849424	1.62	cps
Scandium	45-2	262551	268490	257902	262981	2.02	cps
Selenium	82-1	106123	107678	107651	107151	0.83	cps
Selenium	77-2	2974	2957	2844	2925	2.42	cps
Selenium	78-2	9460	9311	9509	9427	1.09	cps
Silicon	28-1	39146834	37023550	37702220	37957535	2.86	cps
Silver	107-1	6495003	6270206	7145002	6636737	6.85	cps
Silver	109-1	5883380	7350783	5853845	6362669	13.45	cps
Sodium	23-2	34584448	33754065	35099029	34479181	1.97	cps
Strontium	86-1	2644925	2728455	2680025	2684468	1.56	cps
Strontium	88-1	22708433	22994842	23416756	23040010	1.55	cps
Sulfur	34-1	979685	970140	969269	973032	0.59	cps
Terbium	159-1	14822204	14982658	14589111	14797991	1.34	cps
Terbium	159-2	6641583	6673573	6446578	6587245	1.87	cps
Thallium	203-1	4526990	4527144	4607685	4553940	1.02	cps
Thallium	205-1	10460864	10708457	10639082	10602801	1.20	cps
Tin	118-1	4469479	4630751	4514189	4538140	1.83	cps

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M4080-03ARE	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)ARE	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 13:55:00	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4713165	4760638	4681708	4718504	0.84	cps
Uranium	238-1	13782649	13365799	13709710	13619386	1.63	cps
Vanadium	51-2	1224302	1223865	1307177	1251782	3.83	cps
Ytterbium	172-1	500	383	417	433	13.87	cps
Ytterbium	172-2	206	239	283	243	16.08	cps
Ytterbium	176-1	2017	2367	1967	2117	10.30	cps
Ytterbium	176-2	2978	3378	3162	3173	6.31	cps
Yttrium	89-1	32032737	31749829	32092869	31958478	0.57	cps
Yttrium	89-2	3110806	3153404	3027324	3097178	2.07	cps
Zinc	66-2	2516387	2548297	2634988	2566557	2.39	cps
Zirconium	90-1	10721379	10689689	10571446	10660838	0.74	cps
Zirconium	91-1	2381337	2467312	2386079	2411576	2.00	cps

LB Number : LB116689 Operator : Jaswal
 Lab Sample ID : M3865-01 Instrumnet Name : P8
 Client Sample ID : KITCHEN-DRAW-1-COP Dilution Factor : 1
 Date & Time Acquired :: 2021-10-06 14:02:00 DataFile Name : 041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1825	1852	1851	1843	0.84	cps
Antimony	121-1	1600	1692	2050	1781	13.36	cps
Arsenic	75-2	73	61	77	70	11.84	cps
Barium	135-1	104502	105619	106619	105580	1.00	cps
Barium	137-1	180578	186206	188664	185149	2.24	cps
Beryllium	9-1	70	86	118	91	26.76	cps
Bismuth	209-1	7968709	8051911	8043799	8021473	0.57	cps
Bismuth	209-2	4592339	4606650	4602136	4600375	0.16	cps
Boron	10-1	18446	19503	20180	19376	4.51	cps
Boron	11-1	88356	93489	93582	91809	3.26	cps
Bromine	81-1	45129	49357	51940	48809	7.05	cps
Cadmium	111-1	812	886	855	851	4.36	cps
Cadmium	106-1	6952	7986	8028	7655	7.96	cps
Cadmium	108-1	83	54	63	67	22.54	cps
Calcium	43-1	1134472	1242397	1241807	1206225	5.15	cps
Calcium	44-1	19369627	20001621	20240020	19870423	2.26	cps
Carbon	12-1	13512965	14689344	15049457	14417255	5.57	cps
Carbon	12-2	146612	147688	151249	148516	1.63	cps
Chlorine	35-1	3870590	3966433	4035981	3957668	2.10	cps
Chlorine	35-2	24939	24647	24563	24716	0.80	cps
Chromium	52-2	3364	3100	3480	3315	5.87	cps
Cobalt	59-2	2534	2634	2567	2578	1.98	cps
Copper	63-2	1229271	1230950	1219399	1226540	0.51	cps
Dysprosium	156-1	117	58	50	75	48.44	cps
Dysprosium	156-2	47	27	23	32	39.17	cps
Erbium	164-1	150	58	125	111	42.65	cps
Erbium	164-2	53	37	50	47	18.89	cps
Gadolinium	160-1	133	125	250	169	41.25	cps
Gadolinium	160-2	87	103	93	94	8.88	cps
Holmium	165-1	13874817	14633058	14317588	14275154	2.67	cps
Holmium	165-2	6530785	6544417	6681864	6585689	1.27	cps
Indium	115-1	12720627	12752609	12330452	12601229	1.87	cps
Indium	115-2	1870980	1830335	1888188	1863168	1.59	cps
Iron	54-2	2022	2161	2206	2130	4.49	cps
Iron	56-2	32259	32744	32203	32402	0.92	cps
Iron	57-2	1261	1361	1272	1298	4.22	cps

LB Number : LB116689 Operator : Jaswal
 Lab Sample ID : M3865-01 Instrumnet Name : P8
 Client Sample ID : KITCHEN-DRAW-1-COP Dilution Factor : 1
 Date & Time Acquired :: 2021-10-06 14:02:00 DataFile Name : 041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	993	940	957	963	2.83	cps
Lead	206-1	3123	3117	3156	3132	0.67	cps
Lead	207-1	2589	2767	2811	2723	4.32	cps
Lead	208-1	12458	12319	12564	12447	0.99	cps
Lithium	6-1	4601966	4708661	4661370	4657333	1.15	cps
Magnesium	24-2	2072049	2087763	2083282	2081031	0.39	cps
Manganese	55-2	8886	8719	8746	8784	1.02	cps
Molybdenum	94-1	3584	3767	4101	3817	6.86	cps
Molybdenum	95-1	4284	4718	4659	4554	5.17	cps
Molybdenum	96-1	4968	4993	4943	4968	0.50	cps
Molybdenum	97-1	2950	2809	2959	2906	2.90	cps
Molybdenum	98-1	6760	7527	6535	6941	7.49	cps
Neodymium	150-1	20	7	20	16	49.47	cps
Neodymium	150-2	13	7	7	9	43.25	cps
Nickel	60-2	12062	12576	12512	12383	2.26	cps
Phosphorus	31-2	1658	1725	1675	1686	2.06	cps
Potassium	39-2	415167	414157	411361	413562	0.48	cps
Rhodium	103-1	12031578	12842419	12281826	12385274	3.35	cps
Rhodium	103-2	5435601	5316547	5443915	5398688	1.32	cps
Scandium	45-1	9942189	10123181	10075519	10046963	0.93	cps
Scandium	45-2	256923	259867	257958	258249	0.58	cps
Selenium	82-1	3	41	25	23	81.88	cps
Selenium	77-2	7	3	7	6	34.70	cps
Selenium	78-2	76	71	56	68	15.38	cps
Silicon	28-1	26158135	27312946	26565684	26678922	2.20	cps
Silver	107-1	2984	3000	2909	2964	1.65	cps
Silver	109-1	3142	3042	2675	2953	8.32	cps
Sodium	23-2	16806297	16473141	16866637	16715358	1.27	cps
Strontium	86-1	558575	581227	572872	570891	2.01	cps
Strontium	88-1	4972561	4996654	5053946	5007720	0.83	cps
Sulfur	34-1	1537089	1578077	1556555	1557241	1.32	cps
Terbium	159-1	14402002	14759374	14749909	14637095	1.39	cps
Terbium	159-2	6422892	6426432	6511963	6453763	0.78	cps
Thallium	203-1	842	833	808	828	2.10	cps
Thallium	205-1	1800	2075	2267	2047	11.46	cps
Tin	118-1	2609	2550	2709	2623	3.05	cps

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M3865-01	Instrumnet Name :	P8
Client Sample ID :	KITCHEN-DRAW-1-COP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 14:02:00	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1100	1175	1175	1150	3.77	cps
Uranium	238-1	842	783	850	825	4.40	cps
Vanadium	51-2	943	983	1107	1011	8.42	cps
Ytterbium	172-1	100	100	67	89	21.65	cps
Ytterbium	172-2	61	44	72	59	23.59	cps
Ytterbium	176-1	1667	1483	1859	1670	11.23	cps
Ytterbium	176-2	2734	3117	3095	2982	7.22	cps
Yttrium	89-1	32055205	31978625	31894550	31976126	0.25	cps
Yttrium	89-2	3047533	2994148	3047866	3029849	1.02	cps
Zinc	66-2	228143	227372	230085	228533	0.61	cps
Zirconium	90-1	3717	3609	3726	3684	1.77	cps
Zirconium	91-1	742	825	825	797	6.04	cps

LB Number : LB116689 Operator : Jaswal
 Lab Sample ID : M3865-01DUP Instrumnet Name : P8
 Client Sample ID : KITCHEN-DRAW-1-COP Dilution Factor : 1
 Date & Time Acquired :: 2021-10-06 14:04:55 DataFile Name : 042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1811	1866	1935	1871	3.31	cps
Antimony	121-1	1325	1242	1283	1283	3.25	cps
Arsenic	75-2	83	68	61	71	15.90	cps
Barium	135-1	104966	106005	105175	105382	0.52	cps
Barium	137-1	183754	184742	182267	183588	0.68	cps
Beryllium	9-1	98	94	82	91	9.12	cps
Bismuth	209-1	8530792	8280152	8165328	8325424	2.24	cps
Bismuth	209-2	4434313	4518875	4617116	4523435	2.02	cps
Boron	10-1	18066	18916	18680	18554	2.37	cps
Boron	11-1	87732	89859	91796	89796	2.26	cps
Bromine	81-1	46887	49880	52230	49666	5.39	cps
Cadmium	111-1	967	854	827	883	8.39	cps
Cadmium	106-1	8811	8319	8028	8386	4.72	cps
Cadmium	108-1	92	117	96	101	13.21	cps
Calcium	43-1	1169403	1180081	1181437	1176974	0.56	cps
Calcium	44-1	19695784	19301174	19572080	19523013	1.03	cps
Carbon	12-1	14543472	14975776	15829591	15116280	4.33	cps
Carbon	12-2	148633	151874	152825	151111	1.45	cps
Chlorine	35-1	4116290	4209068	4133042	4152800	1.19	cps
Chlorine	35-2	26074	26308	25131	25838	2.41	cps
Chromium	52-2	3297	3337	3190	3275	2.32	cps
Cobalt	59-2	2530	2627	2537	2565	2.11	cps
Copper	63-2	1222855	1219795	1218078	1220243	0.20	cps
Dysprosium	156-1	67	33	67	56	34.65	cps
Dysprosium	156-2	13	30	30	24	39.37	cps
Erbium	164-1	92	142	83	106	29.89	cps
Erbium	164-2	60	53	43	52	16.07	cps
Gadolinium	160-1	108	158	167	144	21.84	cps
Gadolinium	160-2	83	100	80	88	12.21	cps
Holmium	165-1	14859318	14907161	14125550	14630676	2.99	cps
Holmium	165-2	6564957	6489907	6774610	6609825	2.23	cps
Indium	115-1	13877327	13293292	12731218	13300612	4.31	cps
Indium	115-2	1822424	1821891	1843271	1829195	0.67	cps
Iron	54-2	1967	2345	2084	2132	9.08	cps
Iron	56-2	31641	31535	30460	31212	2.09	cps
Iron	57-2	1106	1083	1222	1137	6.56	cps

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M3865-01DUP	Instrumnet Name :	P8
Client Sample ID :	KITCHEN-DRAW-1-COP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 14:04:55	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	853	897	983	911	7.27	cps
Lead	206-1	2845	3134	2856	2945	5.56	cps
Lead	207-1	2761	2584	2400	2582	7.00	cps
Lead	208-1	11875	11619	11474	11656	1.74	cps
Lithium	6-1	4815565	4783766	4747054	4782128	0.72	cps
Magnesium	24-2	2066413	2146252	2083395	2098687	2.00	cps
Manganese	55-2	8299	8956	8686	8647	3.82	cps
Molybdenum	94-1	3509	3801	3817	3709	4.68	cps
Molybdenum	95-1	3934	4376	3876	4062	6.73	cps
Molybdenum	96-1	4426	4993	4668	4695	6.06	cps
Molybdenum	97-1	2350	2650	2275	2425	8.18	cps
Molybdenum	98-1	6543	6493	6402	6479	1.11	cps
Neodymium	150-1	47	27	40	38	26.95	cps
Neodymium	150-2	3	10	13	9	57.30	cps
Nickel	60-2	12582	12479	12579	12547	0.47	cps
Phosphorus	31-2	1675	1508	1442	1542	7.80	cps
Potassium	39-2	413175	417249	406546	412323	1.31	cps
Rhodium	103-1	13137442	13027148	12551793	12905461	2.41	cps
Rhodium	103-2	5286127	5371051	5436126	5364435	1.40	cps
Scandium	45-1	10694590	10237999	9758194	10230261	4.58	cps
Scandium	45-2	258208	255551	258526	257429	0.63	cps
Selenium	82-1	127	99	29	85	59.80	cps
Selenium	77-2	3	0	10	4	114.60	cps
Selenium	78-2	74	58	79	70	15.59	cps
Silicon	28-1	26797659	26522235	26149567	26489820	1.23	cps
Silver	107-1	2042	2150	1859	2017	7.31	cps
Silver	109-1	2109	1717	1942	1922	10.23	cps
Sodium	23-2	16610084	16752233	16774617	16712311	0.53	cps
Strontium	86-1	564601	571421	555136	563719	1.45	cps
Strontium	88-1	5031299	4980861	5003409	5005189	0.50	cps
Sulfur	34-1	1564214	1572526	1527505	1554748	1.54	cps
Terbium	159-1	15742318	15356749	14873120	15324062	2.84	cps
Terbium	159-2	6576636	6444936	6393932	6471835	1.46	cps
Thallium	203-1	758	725	775	753	3.38	cps
Thallium	205-1	1650	1717	1809	1725	4.61	cps
Tin	118-1	2484	2550	2675	2570	3.79	cps

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M3865-01DUP	Instrumnet Name :	P8
Client Sample ID :	KITCHEN-DRAW-1-COP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 14:04:55	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1208	1067	1133	1136	6.24	cps
Uranium	238-1	800	692	733	742	7.37	cps
Vanadium	51-2	990	920	967	959	3.72	cps
Ytterbium	172-1	117	50	92	86	39.11	cps
Ytterbium	172-2	61	28	39	43	39.84	cps
Ytterbium	176-1	1700	1725	1467	1631	8.74	cps
Ytterbium	176-2	2678	2695	2906	2760	4.60	cps
Yttrium	89-1	33737155	33247167	31893825	32959382	2.90	cps
Yttrium	89-2	2964767	3011777	3074966	3017170	1.83	cps
Zinc	66-2	229869	226114	228548	228177	0.83	cps
Zirconium	90-1	3442	3317	3384	3381	1.85	cps
Zirconium	91-1	858	783	700	781	10.15	cps

LB Number : LB116689 Operator : Jaswal
 Lab Sample ID : M3865-01LX5 Instrumnet Name : P8
 Client Sample ID : KITCHEN-DRAW-1-COP Dilution Factor : 5
 Date & Time Acquired :: 2021-10-06 14:07:52 DataFile Name : 043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	521	529	546	532	2.41	cps
Antimony	121-1	408	625	467	500	22.42	cps
Arsenic	75-2	19	24	18	20	15.81	cps
Barium	135-1	21776	21267	20733	21259	2.45	cps
Barium	137-1	37394	38464	37335	37731	1.68	cps
Beryllium	9-1	66	92	54	71	27.49	cps
Bismuth	209-1	8457481	8068035	8098778	8208098	2.64	cps
Bismuth	209-2	4630363	3921995	4530879	4361079	8.79	cps
Boron	10-1	7763	8185	7889	7945	2.73	cps
Boron	11-1	37388	38733	37204	37775	2.21	cps
Bromine	81-1	30796	31418	30815	31009	1.14	cps
Cadmium	111-1	873	821	826	840	3.41	cps
Cadmium	106-1	8261	7886	7902	8016	2.64	cps
Cadmium	108-1	58	38	50	49	21.57	cps
Calcium	43-1	232840	232725	226872	230812	1.48	cps
Calcium	44-1	3978200	3898297	3949446	3941981	1.03	cps
Carbon	12-1	8167548	8045778	8336237	8183187	1.78	cps
Carbon	12-2	76584	74229	75637	75483	1.57	cps
Chlorine	35-1	3688306	3540295	3333961	3520854	5.05	cps
Chlorine	35-2	19055	18446	18262	18587	2.23	cps
Chromium	52-2	1490	1537	1570	1532	2.62	cps
Cobalt	59-2	583	520	570	558	5.99	cps
Copper	63-2	246577	246104	243812	245498	0.60	cps
Dysprosium	156-1	33	42	33	36	13.33	cps
Dysprosium	156-2	10	27	17	18	47.19	cps
Erbium	164-1	117	125	117	119	4.03	cps
Erbium	164-2	33	40	27	33	20.00	cps
Gadolinium	160-1	208	100	133	147	37.69	cps
Gadolinium	160-2	40	60	50	50	20.00	cps
Holmium	165-1	15340653	14105129	14185457	14543746	4.75	cps
Holmium	165-2	6528827	5588142	6561762	6226244	8.88	cps
Indium	115-1	13349306	12931585	12583579	12954823	2.96	cps
Indium	115-2	1851723	1548612	1822312	1740882	9.60	cps
Iron	54-2	1183	967	1050	1067	10.25	cps
Iron	56-2	11777	11883	12178	11946	1.74	cps
Iron	57-2	439	422	278	380	23.34	cps

LB Number : LB116689 Operator : Jaswal
 Lab Sample ID : M3865-01LX5 Instrumnet Name : P8
 Client Sample ID : KITCHEN-DRAW-1-COP Dilution Factor : 5
 Date & Time Acquired :: 2021-10-06 14:07:52 DataFile Name : 043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	940	930	947	939	0.89	cps
Lead	206-1	2261	2056	2128	2148	4.85	cps
Lead	207-1	1811	1728	1828	1789	2.99	cps
Lead	208-1	8512	8262	8601	8459	2.08	cps
Lithium	6-1	4950825	4751373	4487186	4729794	4.92	cps
Magnesium	24-2	404684	410348	411005	408679	0.85	cps
Manganese	55-2	1990	1830	1883	1901	4.29	cps
Molybdenum	94-1	1292	1342	1275	1303	2.66	cps
Molybdenum	95-1	1092	1392	1350	1278	12.72	cps
Molybdenum	96-1	1350	1292	1500	1381	7.79	cps
Molybdenum	97-1	775	908	725	803	11.81	cps
Molybdenum	98-1	2042	1950	1683	1892	9.84	cps
Neodymium	150-1	7	33	7	16	98.94	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	2710	2620	2587	2639	2.42	cps
Phosphorus	31-2	367	400	467	411	12.39	cps
Potassium	39-2	95968	97756	97025	96917	0.93	cps
Rhodium	103-1	13156664	12668402	12475782	12766949	2.75	cps
Rhodium	103-2	5421704	4585875	5294826	5100802	8.83	cps
Scandium	45-1	10296622	9900309	9723935	9973622	2.94	cps
Scandium	45-2	258348	217963	252772	243028	9.01	cps
Selenium	82-1	24	-9	50	22	138.01	cps
Selenium	77-2	3	7	0	3	100.05	cps
Selenium	78-2	51	66	54	57	13.92	cps
Silicon	28-1	5795639	5601860	5672761	5690087	1.72	cps
Silver	107-1	2800	2142	1775	2239	23.20	cps
Silver	109-1	2842	2000	1592	2145	29.73	cps
Sodium	23-2	3427824	3267130	3428193	3374382	2.75	cps
Strontium	86-1	114769	117567	112435	114924	2.24	cps
Strontium	88-1	983564	994139	975469	984391	0.95	cps
Sulfur	34-1	700696	697453	689509	695886	0.83	cps
Terbium	159-1	15736026	14883256	14344540	14987940	4.68	cps
Terbium	159-2	6386669	5404987	6495174	6095610	9.85	cps
Thallium	203-1	650	708	458	606	21.60	cps
Thallium	205-1	1383	1650	1450	1495	9.29	cps
Tin	118-1	2025	2100	2450	2192	10.35	cps

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M3865-01LX5	Instrumnet Name :	P8
Client Sample ID :	KITCHEN-DRAW-1-COP	Dilution Factor :	5
Date & Time Acquired ::	2021-10-06 14:07:52	DataFile Name :	043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	717	633	633	661	7.28	cps
Uranium	238-1	175	225	267	222	20.65	cps
Vanadium	51-2	220	213	213	216	1.78	cps
Ytterbium	172-1	58	17	42	39	53.92	cps
Ytterbium	172-2	22	33	17	24	35.24	cps
Ytterbium	176-1	1717	1675	1467	1620	8.27	cps
Ytterbium	176-2	2417	2234	2728	2460	10.16	cps
Yttrium	89-1	33598442	31632907	31694320	32308556	3.46	cps
Yttrium	89-2	3017620	2507392	2997294	2840769	10.17	cps
Zinc	66-2	46834	47262	46105	46734	1.25	cps
Zirconium	90-1	1525	1625	1583	1578	3.18	cps
Zirconium	91-1	383	358	258	333	19.84	cps

LB Number : LB116689 Operator : Jaswal
 Lab Sample ID : M3865-01MS Instrumnet Name : P8
 Client Sample ID : KITCHEN-DRAW-1-COP Dilution Factor : 1
 Date & Time Acquired :: 2021-10-06 14:25:04 DataFile Name : 046AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	694709	687425	682199	688111	0.91	cps
Antimony	121-1	4863398	5016882	4956504	4945595	1.56	cps
Arsenic	75-2	144556	142974	142283	143271	0.81	cps
Barium	135-1	6377629	6638097	6448586	6488104	2.08	cps
Barium	137-1	11141630	11276296	11191172	11203033	0.61	cps
Beryllium	9-1	1450840	1458351	1462478	1457223	0.40	cps
Bismuth	209-1	7858595	7838405	8054041	7917013	1.50	cps
Bismuth	209-2	4075211	4405810	4428735	4303252	4.60	cps
Boron	10-1	181675	185805	188051	185177	1.75	cps
Boron	11-1	842725	873108	889503	868445	2.73	cps
Bromine	81-1	42910	45330	44266	44169	2.75	cps
Cadmium	111-1	1276329	1254998	1277520	1269616	1.00	cps
Cadmium	106-1	149525	151646	152818	151330	1.10	cps
Cadmium	108-1	96724	97589	99564	97959	1.49	cps
Calcium	43-1	3144705	3238183	3304623	3229170	2.49	cps
Calcium	44-1	50582134	51905338	52969510	51818994	2.31	cps
Carbon	12-1	13242720	13976577	14318397	13845898	3.97	cps
Carbon	12-2	142901	137761	140865	140509	1.84	cps
Chlorine	35-1	3659445	3689652	3758610	3702569	1.37	cps
Chlorine	35-2	23553	22309	22744	22869	2.76	cps
Chromium	52-2	1592974	1591922	1568615	1584504	0.87	cps
Cobalt	59-2	2920612	2824789	2892894	2879432	1.71	cps
Copper	63-2	25074010	25440878	24541223	25018704	1.81	cps
Dysprosium	156-1	283	242	275	267	8.27	cps
Dysprosium	156-2	120	113	63	99	31.32	cps
Erbium	164-1	92	200	167	153	36.32	cps
Erbium	164-2	67	43	83	64	31.18	cps
Gadolinium	160-1	342	375	358	358	4.65	cps
Gadolinium	160-2	120	170	130	140	18.90	cps
Holmium	165-1	13876716	14170028	14493076	14179940	2.17	cps
Holmium	165-2	6022465	6509801	6579162	6370476	4.76	cps
Indium	115-1	12556710	12712746	12607315	12625590	0.63	cps
Indium	115-2	1602922	1743380	1721496	1689266	4.47	cps
Iron	54-2	52084	52630	51588	52101	1.00	cps
Iron	56-2	38352	39433	39460	39082	1.62	cps
Iron	57-2	1700	1945	2022	1889	8.90	cps

LB Number : LB116689 Operator : Jaswal
 Lab Sample ID : M3865-01MS Instrumnet Name : P8
 Client Sample ID : KITCHEN-DRAW-1-COP Dilution Factor : 1
 Date & Time Acquired :: 2021-10-06 14:25:04 DataFile Name : 046AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	843	1020	977	947	9.73	cps
Lead	206-1	16724102	17299381	16984121	17002535	1.69	cps
Lead	207-1	14741051	15203666	14960855	14968524	1.55	cps
Lead	208-1	67268708	68793065	68527955	68196576	1.19	cps
Lithium	6-1	4634297	4583855	4607329	4608494	0.55	cps
Magnesium	24-2	12360284	12300716	12317321	12326107	0.25	cps
Manganese	55-2	8442841	8159396	8261408	8287882	1.73	cps
Molybdenum	94-1	11970793	12107730	12022184	12033569	0.57	cps
Molybdenum	95-1	14644217	15000230	15042616	14895687	1.47	cps
Molybdenum	96-1	16715838	16651766	16412213	16593272	0.96	cps
Molybdenum	97-1	9047104	9063862	9012579	9041181	0.29	cps
Molybdenum	98-1	23056551	23465967	23520222	23347580	1.09	cps
Neodymium	150-1	300	360	213	291	25.33	cps
Neodymium	150-2	7	7	37	17	103.90	cps
Nickel	60-2	755086	744451	732493	744010	1.52	cps
Phosphorus	31-2	1625	1525	1292	1481	11.55	cps
Potassium	39-2	4409812	4437937	4445061	4430937	0.42	cps
Rhodium	103-1	12158919	12118440	12119501	12132286	0.19	cps
Rhodium	103-2	4795349	5122161	5095749	5004420	3.63	cps
Scandium	45-1	9898527	9895299	10162815	9985547	1.54	cps
Scandium	45-2	232468	251988	252590	245682	4.66	cps
Selenium	82-1	104078	104272	105127	104492	0.53	cps
Selenium	77-2	2570	2740	2637	2649	3.23	cps
Selenium	78-2	9356	9304	9240	9300	0.63	cps
Silicon	28-1	29308700	28485624	28114663	28636329	2.13	cps
Silver	107-1	5675129	5077872	6118098	5623699	9.28	cps
Silver	109-1	6009988	5630687	5911912	5850862	3.37	cps
Sodium	23-2	35572599	34774051	35445914	35264188	1.22	cps
Strontium	86-1	20088075	20506922	20115194	20236731	1.16	cps
Strontium	88-1	176169625	174884491	175221762	175425293	0.38	cps
Sulfur	34-1	1471350	1447332	1405641	1441441	2.31	cps
Terbium	159-1	14790164	14871596	14623599	14761786	0.86	cps
Terbium	159-2	5842022	6297287	6477583	6205631	5.28	cps
Thallium	203-1	4494227	4482080	4479193	4485167	0.18	cps
Thallium	205-1	10366659	10395416	10363784	10375286	0.17	cps
Tin	118-1	4277865	4443961	4387174	4369667	1.93	cps

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M3865-01MS	Instrumnet Name :	P8
Client Sample ID :	KITCHEN-DRAW-1-COP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 14:25:04	DataFile Name :	046AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4713206	4633740	4653895	4666947	0.89	cps
Uranium	238-1	13200279	13379492	13497366	13359046	1.12	cps
Vanadium	51-2	1225347	1194600	1194361	1204769	1.48	cps
Ytterbium	172-1	83	108	133	108	23.08	cps
Ytterbium	172-2	44	56	67	56	20.00	cps
Ytterbium	176-1	1450	1692	1700	1614	8.80	cps
Ytterbium	176-2	2595	2739	2867	2734	4.98	cps
Yttrium	89-1	31299853	31004170	31874202	31392741	1.41	cps
Yttrium	89-2	2779077	2930959	3030437	2913491	4.34	cps
Zinc	66-2	2721990	2703293	2737428	2720904	0.63	cps
Zirconium	90-1	10395285	10322148	10382853	10366762	0.38	cps
Zirconium	91-1	2312515	2355320	2312595	2326810	1.06	cps

LB Number : LB116689 Operator : Jaswal
 Lab Sample ID : M3865-01MSD Instrumnet Name : P8
 Client Sample ID : KITCHEN-DRAW-1-COP Dilution Factor : 1
 Date & Time Acquired :: 2021-10-06 14:27:57 DataFile Name : 047AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	696280	691936	685709	691308	0.77	cps
Antimony	121-1	4967109	5017092	4965954	4983385	0.59	cps
Arsenic	75-2	144939	144621	144563	144708	0.14	cps
Barium	135-1	6468625	6621502	6411828	6500651	1.67	cps
Barium	137-1	11148855	11152319	11069505	11123559	0.42	cps
Beryllium	9-1	1503551	1467687	1476841	1482693	1.26	cps
Bismuth	209-1	7981120	7851949	7844992	7892687	0.97	cps
Bismuth	209-2	4669983	4501095	4569494	4580191	1.85	cps
Boron	10-1	190084	193485	192694	192088	0.93	cps
Boron	11-1	879219	896193	856862	877425	2.25	cps
Bromine	81-1	45350	45671	45762	45594	0.48	cps
Cadmium	111-1	1286035	1277108	1283406	1282183	0.36	cps
Cadmium	106-1	153146	153408	150812	152455	0.94	cps
Cadmium	108-1	97690	99737	100547	99325	1.48	cps
Calcium	43-1	3277122	3226605	3214524	3239417	1.03	cps
Calcium	44-1	52093011	51215834	50791256	51366700	1.29	cps
Carbon	12-1	13567432	14810935	15270172	14549513	6.05	cps
Carbon	12-2	143506	149121	148084	146903	2.03	cps
Chlorine	35-1	3891562	3887560	3925233	3901451	0.53	cps
Chlorine	35-2	24371	25256	24346	24658	2.10	cps
Chromium	52-2	1635445	1574596	1555931	1588657	2.62	cps
Cobalt	59-2	2914880	2850145	2857446	2874157	1.23	cps
Copper	63-2	25398533	25232110	25060109	25230251	0.67	cps
Dysprosium	156-1	200	292	350	281	26.95	cps
Dysprosium	156-2	103	103	107	104	1.85	cps
Erbium	164-1	167	208	108	161	31.18	cps
Erbium	164-2	63	73	93	77	19.93	cps
Gadolinium	160-1	292	450	425	389	21.89	cps
Gadolinium	160-2	173	167	130	157	14.90	cps
Holmium	165-1	14526847	14282426	14074560	14294611	1.58	cps
Holmium	165-2	6988567	6537250	6789554	6771790	3.34	cps
Indium	115-1	12715907	12638170	12622278	12658785	0.40	cps
Indium	115-2	1879028	1766328	1845617	1830324	3.16	cps
Iron	54-2	53138	52173	51353	52221	1.71	cps
Iron	56-2	44621	42658	43299	43526	2.30	cps
Iron	57-2	2022	2100	2056	2059	1.90	cps

LB Number : LB116689 Operator : Jaswal
 Lab Sample ID : M3865-01MSD Instrumnet Name : P8
 Client Sample ID : KITCHEN-DRAW-1-COP Dilution Factor : 1
 Date & Time Acquired :: 2021-10-06 14:27:57 DataFile Name : 047AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	917	963	1053	978	7.10	cps
Lead	206-1	16913080	16971502	16973509	16952697	0.20	cps
Lead	207-1	14635403	14595832	14876486	14702574	1.03	cps
Lead	208-1	67118798	66786094	67697293	67200728	0.69	cps
Lithium	6-1	4751091	4662173	4604449	4672571	1.58	cps
Magnesium	24-2	12786452	12668043	12548981	12667825	0.94	cps
Manganese	55-2	8317968	8267522	8167153	8250881	0.93	cps
Molybdenum	94-1	12229056	12296361	12031440	12185619	1.13	cps
Molybdenum	95-1	14646650	15020335	14750096	14805694	1.30	cps
Molybdenum	96-1	16147436	16426680	16560737	16378284	1.29	cps
Molybdenum	97-1	8894633	9067975	9032618	8998409	1.02	cps
Molybdenum	98-1	22861654	23861786	23606820	23443420	2.22	cps
Neodymium	150-1	280	327	307	304	7.69	cps
Neodymium	150-2	13	13	20	16	24.76	cps
Nickel	60-2	762025	751455	738428	750636	1.57	cps
Phosphorus	31-2	1642	1742	1425	1603	10.10	cps
Potassium	39-2	4434177	4489392	4446352	4456640	0.65	cps
Rhodium	103-1	11823125	12246499	12014684	12028103	1.76	cps
Rhodium	103-2	5481178	5179413	5372923	5344505	2.86	cps
Scandium	45-1	9933249	9624275	9745268	9767597	1.59	cps
Scandium	45-2	272169	254635	257106	261303	3.63	cps
Selenium	82-1	105026	105585	105958	105523	0.44	cps
Selenium	77-2	2604	2744	2714	2687	2.74	cps
Selenium	78-2	9492	9383	9281	9385	1.13	cps
Silicon	28-1	28998265	28651741	28874269	28841425	0.61	cps
Silver	107-1	6120312	5546241	6550644	6072399	8.30	cps
Silver	109-1	5200385	5483009	5864479	5515958	6.04	cps
Sodium	23-2	36088702	35908846	35140932	35712826	1.41	cps
Strontium	86-1	20583878	20098609	20261467	20314651	1.22	cps
Strontium	88-1	178150829	172860858	174372433	175128040	1.56	cps
Sulfur	34-1	1486618	1450632	1444449	1460566	1.56	cps
Terbium	159-1	14847281	14741786	14889747	14826271	0.51	cps
Terbium	159-2	6636473	6372015	6717022	6575170	2.74	cps
Thallium	203-1	4481734	4405408	4414590	4433911	0.94	cps
Thallium	205-1	10478069	10342327	10356140	10392178	0.72	cps
Tin	118-1	4435799	4417604	4484423	4445942	0.78	cps

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M3865-01MSD	Instrumnet Name :	P8
Client Sample ID :	KITCHEN-DRAW-1-COP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 14:27:57	DataFile Name :	047AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4665114	4703871	4696598	4688527	0.44	cps
Uranium	238-1	13316805	13443770	13392120	13384232	0.48	cps
Vanadium	51-2	1212660	1213085	1210312	1212019	0.12	cps
Ytterbium	172-1	167	117	175	153	20.65	cps
Ytterbium	172-2	72	61	72	69	9.36	cps
Ytterbium	176-1	1967	1692	1792	1817	7.66	cps
Ytterbium	176-2	2834	2695	2739	2756	2.57	cps
Yttrium	89-1	31731970	31729304	31373029	31611434	0.65	cps
Yttrium	89-2	3154686	3054491	3072902	3094026	1.72	cps
Zinc	66-2	2766233	2776082	2745069	2762461	0.57	cps
Zirconium	90-1	10369866	10559187	10352540	10427198	1.10	cps
Zirconium	91-1	2335843	2376070	2330910	2347607	1.06	cps

LB Number : LB116689 Operator : Jaswal
 Lab Sample ID : M3865-01A Instrumnet Name : P8
 Client Sample ID : KITCHEN-DRAW-1-COP Dilution Factor : 1
 Date & Time Acquired :: 2021-10-06 14:31:06 DataFile Name : 048AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	683697	683806	687447	684983	0.31	cps
Antimony	121-1	4927679	5023865	5004264	4985269	1.02	cps
Arsenic	75-2	142639	142747	143852	143079	0.47	cps
Barium	135-1	6389688	6579694	6495302	6488228	1.47	cps
Barium	137-1	11184612	11044839	11225687	11151712	0.85	cps
Beryllium	9-1	1468325	1461590	1465575	1465163	0.23	cps
Bismuth	209-1	7749614	7710838	7664868	7708440	0.55	cps
Bismuth	209-2	4495438	4532772	4565059	4531090	0.77	cps
Boron	10-1	184620	190562	195993	190391	2.99	cps
Boron	11-1	820376	862034	894758	859056	4.34	cps
Bromine	81-1	42116	43321	44858	43432	3.16	cps
Cadmium	111-1	1225119	1251845	1260633	1245866	1.48	cps
Cadmium	106-1	149379	150332	150256	149989	0.35	cps
Cadmium	108-1	99749	97954	98541	98748	0.93	cps
Calcium	43-1	3234370	3222625	3290963	3249319	1.12	cps
Calcium	44-1	51649014	51408697	52030847	51696186	0.61	cps
Carbon	12-1	12654172	13553440	14495472	13567695	6.79	cps
Carbon	12-2	139502	138196	137406	138368	0.76	cps
Chlorine	35-1	3945794	3848245	3904556	3899532	1.26	cps
Chlorine	35-2	23495	23937	23461	23631	1.12	cps
Chromium	52-2	1578003	1576376	1574318	1576232	0.12	cps
Cobalt	59-2	2879679	2843124	2792066	2838290	1.55	cps
Copper	63-2	24893009	24376397	25034863	24768090	1.40	cps
Dysprosium	156-1	225	308	308	281	17.15	cps
Dysprosium	156-2	133	103	100	112	16.36	cps
Erbium	164-1	183	175	92	150	33.79	cps
Erbium	164-2	90	60	93	81	22.63	cps
Gadolinium	160-1	408	275	292	325	22.35	cps
Gadolinium	160-2	217	163	177	186	14.96	cps
Holmium	165-1	14530156	13983923	13481913	13998664	3.75	cps
Holmium	165-2	6552544	6588915	6754495	6631985	1.62	cps
Indium	115-1	12692632	12413768	12076969	12394456	2.49	cps
Indium	115-2	1778443	1790799	1837495	1802246	1.73	cps
Iron	54-2	52296	52859	51036	52064	1.79	cps
Iron	56-2	41054	41906	41684	41548	1.06	cps
Iron	57-2	2000	2150	2022	2058	3.94	cps

LB Number : LB116689 Operator : Jaswal
 Lab Sample ID : M3865-01A Instrumnet Name : P8
 Client Sample ID : KITCHEN-DRAW-1-COP Dilution Factor : 1
 Date & Time Acquired :: 2021-10-06 14:31:06 DataFile Name : 048AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	923	807	993	908	10.39	cps
Lead	206-1	19298868	18843016	18822609	18988164	1.42	cps
Lead	207-1	16498046	16365755	16453720	16439174	0.41	cps
Lead	208-1	74410097	75410328	74712699	74844375	0.69	cps
Lithium	6-1	4678031	4709193	4528437	4638554	2.08	cps
Magnesium	24-2	12526966	12392604	12151932	12357167	1.54	cps
Manganese	55-2	8221501	8256037	8111999	8196512	0.92	cps
Molybdenum	94-1	12152765	11902085	11937865	11997572	1.13	cps
Molybdenum	95-1	15038347	14560668	14736047	14778354	1.64	cps
Molybdenum	96-1	16321881	16122455	16593801	16346046	1.45	cps
Molybdenum	97-1	8890792	8989675	9014228	8964898	0.73	cps
Molybdenum	98-1	23380961	23330410	23078984	23263452	0.70	cps
Neodymium	150-1	293	293	320	302	5.09	cps
Neodymium	150-2	23	13	23	20	28.87	cps
Nickel	60-2	750552	740045	742601	744399	0.74	cps
Phosphorus	31-2	1367	1533	1492	1464	5.93	cps
Potassium	39-2	4411685	4356498	4429678	4399287	0.87	cps
Rhodium	103-1	11940488	11902148	11292793	11711810	3.10	cps
Rhodium	103-2	5218304	5205264	5304050	5242539	1.02	cps
Scandium	45-1	9746756	9615363	9229128	9530415	2.82	cps
Scandium	45-2	261124	265885	261909	262972	0.97	cps
Selenium	82-1	103609	104671	104485	104255	0.54	cps
Selenium	77-2	2667	2597	2570	2611	1.91	cps
Selenium	78-2	9352	9329	9343	9341	0.12	cps
Silicon	28-1	28205985	28566980	29280470	28684478	1.91	cps
Silver	107-1	5824357	5084713	5225949	5378340	7.30	cps
Silver	109-1	6183130	4893319	5576780	5551076	11.62	cps
Sodium	23-2	36196686	35551820	34538123	35428876	2.36	cps
Strontium	86-1	20088256	20169791	19452658	19903568	1.97	cps
Strontium	88-1	171970800	176003737	169219133	172397890	1.98	cps
Sulfur	34-1	1446761	1423079	1434141	1434660	0.83	cps
Terbium	159-1	14735440	14671759	14073985	14493728	2.52	cps
Terbium	159-2	6466926	6499956	6533040	6499974	0.51	cps
Thallium	203-1	4588666	4411645	4478634	4492982	1.99	cps
Thallium	205-1	10773253	10399095	10479084	10550477	1.87	cps
Tin	118-1	4453714	4436236	4438158	4442703	0.22	cps

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M3865-01A	Instrumnet Name :	P8
Client Sample ID :	KITCHEN-DRAW-1-COP	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 14:31:06	DataFile Name :	048AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4623057	4664179	4551730	4612989	1.23	cps
Uranium	238-1	13088261	13374161	13489509	13317310	1.55	cps
Vanadium	51-2	1190305	1190961	1195504	1192257	0.24	cps
Ytterbium	172-1	92	75	92	86	11.18	cps
Ytterbium	172-2	50	83	67	67	25.00	cps
Ytterbium	176-1	1742	1717	1809	1756	2.70	cps
Ytterbium	176-2	2550	2539	2839	2643	6.44	cps
Yttrium	89-1	32182205	31150254	29766958	31033139	3.91	cps
Yttrium	89-2	3037013	3027840	3053426	3039426	0.43	cps
Zinc	66-2	2777445	2764870	2712228	2751514	1.26	cps
Zirconium	90-1	10502948	10522635	10387256	10470946	0.70	cps
Zirconium	91-1	2393319	2337721	2318976	2350005	1.65	cps

LB Number : LB116689 Operator : Jaswal
 Lab Sample ID : CCV69 Instrumnet Name : P8
 Client Sample ID : CCV69 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-06 14:33:59 DataFile Name : 049CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3551155	3461975	3564402	3525844	1.58	cps
Antimony	121-1	4936710	5023340	4918841	4959630	1.13	cps
Arsenic	75-2	139806	138762	137618	138728	0.79	cps
Barium	135-1	6676939	6665146	6561686	6634590	0.96	cps
Barium	137-1	11454782	11358043	11328654	11380493	0.58	cps
Beryllium	9-1	1474833	1502750	1480312	1485965	1.00	cps
Bismuth	209-1	7473957	7374866	7320180	7389667	1.05	cps
Bismuth	209-2	4233080	4281747	4144477	4219768	1.65	cps
Boron	10-1	168355	172511	177193	172686	2.56	cps
Boron	11-1	772128	828171	837128	812476	4.34	cps
Bromine	81-1	26262	25069	25219	25516	2.55	cps
Cadmium	111-1	1321166	1342913	1319182	1327753	0.99	cps
Cadmium	106-1	159348	161465	161295	160703	0.73	cps
Cadmium	108-1	103397	103054	103632	103361	0.28	cps
Calcium	43-1	10309248	10298312	10426260	10344607	0.69	cps
Calcium	44-1	169257078	173139413	168224712	170207068	1.52	cps
Carbon	12-1	8850868	8514499	8665968	8677112	1.94	cps
Carbon	12-2	83872	84057	82742	83557	0.85	cps
Chlorine	35-1	2851987	2680747	2617895	2716876	4.46	cps
Chlorine	35-2	15208	14307	13749	14421	5.11	cps
Chromium	52-2	1544604	1601255	1526483	1557447	2.50	cps
Cobalt	59-2	2757245	2863937	2733508	2784897	2.49	cps
Copper	63-2	22302241	21464443	21940152	21902279	1.92	cps
Dysprosium	156-1	992	1025	1258	1092	13.31	cps
Dysprosium	156-2	393	480	473	449	10.74	cps
Erbium	164-1	192	242	275	236	17.77	cps
Erbium	164-2	113	100	117	110	8.02	cps
Gadolinium	160-1	942	875	858	892	4.95	cps
Gadolinium	160-2	550	523	507	527	4.15	cps
Holmium	165-1	13692238	14036757	13922604	13883866	1.26	cps
Holmium	165-2	6264055	6498035	6274381	6345490	2.08	cps
Indium	115-1	11878828	12076471	12052801	12002700	0.90	cps
Indium	115-2	1710758	1728963	1676888	1705536	1.55	cps
Iron	54-2	16529578	16316148	16230076	16358601	0.94	cps
Iron	56-2	297355062	292077140	298692251	296041484	1.18	cps
Iron	57-2	7635807	7622754	7570315	7609625	0.46	cps

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	CCV69	Instrumnet Name :	P8
Client Sample ID :	CCV69	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 14:33:59	DataFile Name :	049CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	983	987	877	949	6.59	cps
Lead	206-1	17727909	17880165	17916549	17841541	0.56	cps
Lead	207-1	15395432	15542852	15531142	15489809	0.53	cps
Lead	208-1	70910666	71327665	70868867	71035733	0.36	cps
Lithium	6-1	4591325	4626546	4678667	4632179	0.95	cps
Magnesium	24-2	54085024	52213889	53154143	53151019	1.76	cps
Manganese	55-2	7648179	7510793	7632507	7597160	0.99	cps
Molybdenum	94-1	12402617	12422801	12432375	12419264	0.12	cps
Molybdenum	95-1	15442690	15138571	15465100	15348787	1.19	cps
Molybdenum	96-1	17016449	16993235	16956914	16988866	0.18	cps
Molybdenum	97-1	9301675	9365666	9146611	9271318	1.21	cps
Molybdenum	98-1	24279439	24624789	24075625	24326617	1.14	cps
Neodymium	150-1	367	340	307	338	8.90	cps
Neodymium	150-2	33	40	37	37	9.10	cps
Nickel	60-2	758472	752419	751529	754140	0.50	cps
Phosphorus	31-2	24304	23728	25273	24435	3.19	cps
Potassium	39-2	20428710	20437281	20542135	20469376	0.31	cps
Rhodium	103-1	11196809	11265169	11130399	11197459	0.60	cps
Rhodium	103-2	4895622	4935318	4836183	4889041	1.02	cps
Scandium	45-1	9838360	9425038	9566129	9609843	2.19	cps
Scandium	45-2	249943	252340	246061	249448	1.27	cps
Selenium	82-1	105915	106045	105944	105968	0.06	cps
Selenium	77-2	2827	2667	2824	2773	3.30	cps
Selenium	78-2	9189	9382	9323	9298	1.06	cps
Silicon	28-1	5261048	5353358	5517798	5377401	2.42	cps
Silver	107-1	7384938	7404343	7263017	7350766	1.04	cps
Silver	109-1	6960148	6771314	6785714	6839059	1.54	cps
Sodium	23-2	104632682	103491988	101633450	103252706	1.47	cps
Strontium	86-1	19562931	19857929	19725543	19715468	0.75	cps
Strontium	88-1	167640000	172579350	171213945	170477765	1.50	cps
Sulfur	34-1	852670	841007	838077	843918	0.91	cps
Terbium	159-1	14692901	14511032	14303742	14502558	1.34	cps
Terbium	159-2	6323784	6452820	6251848	6342817	1.61	cps
Thallium	203-1	4345696	4382328	4473553	4400525	1.50	cps
Thallium	205-1	10186908	10347806	10481862	10338859	1.43	cps
Tin	118-1	4506830	4583158	4494019	4528002	1.06	cps

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	CCV69	Instrumnet Name :	P8
Client Sample ID :	CCV69	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 14:33:59	DataFile Name :	049CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4901959	4765821	4929992	4865924	1.80	cps
Uranium	238-1	13728062	13950620	13612096	13763593	1.25	cps
Vanadium	51-2	1202795	1187854	1179724	1190124	0.98	cps
Ytterbium	172-1	150	108	133	131	16.06	cps
Ytterbium	172-2	50	56	72	59	19.51	cps
Ytterbium	176-1	20817	20425	20416	20553	1.11	cps
Ytterbium	176-2	11672	11483	11878	11678	1.69	cps
Yttrium	89-1	31666706	31086518	30433065	31062096	1.99	cps
Yttrium	89-2	2932207	2959008	2976104	2955773	0.75	cps
Zinc	66-2	2335241	2296622	2297812	2309892	0.95	cps
Zirconium	90-1	10946921	11079481	10970043	10998815	0.64	cps
Zirconium	91-1	2400718	2484657	2410075	2431816	1.89	cps

LB Number : LB116689 Operator : Jaswal
 Lab Sample ID : CCB69 Instrumnet Name : P8
 Client Sample ID : CCB69 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-06 14:38:52 DataFile Name : 050CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	175	187	192	185	4.87	cps
Antimony	121-1	925	1200	1217	1114	14.71	cps
Arsenic	75-2	21	11	7	13	55.47	cps
Barium	135-1	325	217	192	244	29.00	cps
Barium	137-1	467	342	308	372	22.43	cps
Beryllium	9-1	132	172	176	160	15.21	cps
Bismuth	209-1	7877846	8492211	8148383	8172813	3.77	cps
Bismuth	209-2	4584849	4659003	4493487	4579113	1.81	cps
Boron	10-1	11704	11108	10734	11182	4.38	cps
Boron	11-1	54476	53185	50506	52722	3.84	cps
Bromine	81-1	24286	24507	24286	24360	0.52	cps
Cadmium	111-1	831	926	904	887	5.61	cps
Cadmium	106-1	6502	7586	7719	7269	9.19	cps
Cadmium	108-1	63	46	67	58	18.90	cps
Calcium	43-1	680	630	644	651	3.97	cps
Calcium	44-1	66371	66024	66550	66315	0.40	cps
Carbon	12-1	5626952	5614369	5661458	5634260	0.43	cps
Carbon	12-2	51215	51826	50822	51288	0.99	cps
Chlorine	35-1	2355571	2237639	2139321	2244177	4.82	cps
Chlorine	35-2	12072	11463	11521	11686	2.88	cps
Chromium	52-2	1187	1183	1060	1143	6.31	cps
Cobalt	59-2	113	123	140	126	10.73	cps
Copper	63-2	1837	1857	1737	1810	3.55	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	100	42	8	50	92.80	cps
Erbium	164-2	37	47	30	38	22.21	cps
Gadolinium	160-1	150	100	125	125	20.00	cps
Gadolinium	160-2	60	63	83	69	18.32	cps
Holmium	165-1	13646585	14261408	13787561	13898518	2.32	cps
Holmium	165-2	6634300	6580031	6666311	6626881	0.66	cps
Indium	115-1	12633897	12951154	12629660	12738237	1.45	cps
Indium	115-2	1868251	1889242	1849674	1869055	1.06	cps
Iron	54-2	867	872	922	887	3.45	cps
Iron	56-2	9537	9153	8886	9192	3.56	cps
Iron	57-2	278	250	233	254	8.85	cps

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	CCB69	Instrumnet Name :	P8
Client Sample ID :	CCB69	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 14:38:52	DataFile Name :	050CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	947	827	997	923	9.46	cps
Lead	206-1	3139	2767	2767	2891	7.43	cps
Lead	207-1	2361	2523	2661	2515	5.97	cps
Lead	208-1	11402	11058	11636	11365	2.56	cps
Lithium	6-1	4616395	4814282	4544159	4658278	3.00	cps
Magnesium	24-2	1183	1117	1000	1100	8.44	cps
Manganese	55-2	377	350	260	329	18.59	cps
Molybdenum	94-1	1150	1100	1175	1142	3.34	cps
Molybdenum	95-1	1492	1267	1108	1289	14.95	cps
Molybdenum	96-1	1417	1492	1133	1347	14.03	cps
Molybdenum	97-1	883	708	708	767	13.18	cps
Molybdenum	98-1	2142	1683	1533	1786	17.75	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	143	90	113	116	23.14	cps
Phosphorus	31-2	100	92	33	75	48.44	cps
Potassium	39-2	20114	19847	19438	19800	1.72	cps
Rhodium	103-1	12485829	12670627	12152072	12436176	2.11	cps
Rhodium	103-2	5373886	5658832	5433658	5488792	2.74	cps
Scandium	45-1	9579813	10134773	9835778	9850121	2.82	cps
Scandium	45-2	252605	254205	253253	253355	0.32	cps
Selenium	82-1	-20	82	-65	-1	-8354.33	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	60	66	77	68	12.74	cps
Silicon	28-1	546442	539608	541147	542399	0.66	cps
Silver	107-1	8628	6902	4718	6749	29.04	cps
Silver	109-1	8194	6969	4659	6607	27.17	cps
Sodium	23-2	49200	48464	46316	47994	3.12	cps
Strontium	86-1	1942	2192	1867	2000	8.51	cps
Strontium	88-1	5218	5018	4826	5020	3.90	cps
Sulfur	34-1	392498	392675	394464	393212	0.28	cps
Terbium	159-1	14157449	15215279	14638449	14670393	3.61	cps
Terbium	159-2	6492857	6446871	6400081	6446603	0.72	cps
Thallium	203-1	1433	1258	1508	1400	9.16	cps
Thallium	205-1	3392	2842	2767	3000	11.38	cps
Tin	118-1	1984	2017	2092	2031	2.73	cps

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	CCB69	Instrumnet Name :	P8
Client Sample ID :	CCB69	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 14:38:52	DataFile Name :	050CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	467	483	467	472	2.04	cps
Uranium	238-1	475	417	250	381	30.68	cps
Vanadium	51-2	40	30	53	41	28.47	cps
Ytterbium	172-1	25	58	33	39	44.61	cps
Ytterbium	172-2	11	11	11	11	0.00	cps
Ytterbium	176-1	1375	1592	1633	1533	9.05	cps
Ytterbium	176-2	2611	2689	2723	2674	2.13	cps
Yttrium	89-1	31328606	31763217	31413883	31501902	0.73	cps
Yttrium	89-2	3011694	3075948	3060184	3049275	1.10	cps
Zinc	66-2	617	560	533	570	7.47	cps
Zirconium	90-1	1633	1692	1734	1686	2.98	cps
Zirconium	91-1	292	283	258	278	6.25	cps

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M4080-03MS	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)MS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 16:11:51	DataFile Name :	061AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	712221	706940	696154	705105	1.16	cps
Antimony	121-1	5010284	5041244	5010687	5020738	0.35	cps
Arsenic	75-2	144698	143352	141527	143192	1.11	cps
Barium	135-1	6774273	6657801	6456601	6629558	2.42	cps
Barium	137-1	11432968	11519543	11292442	11414984	1.00	cps
Beryllium	9-1	1427983	1477796	1500847	1468875	2.54	cps
Bismuth	209-1	7864087	7852771	7627988	7781615	1.71	cps
Bismuth	209-2	4610178	4452960	4348904	4470681	2.94	cps
Boron	10-1	162674	169581	175487	169248	3.79	cps
Boron	11-1	768112	806372	821616	798700	3.45	cps
Bromine	81-1	64263	74181	80341	72928	11.12	cps
Cadmium	111-1	1260940	1259925	1263806	1261557	0.16	cps
Cadmium	106-1	150888	146356	153972	150405	2.55	cps
Cadmium	108-1	98474	98856	99863	99064	0.72	cps
Calcium	43-1	3071827	3122945	3078126	3090966	0.90	cps
Calcium	44-1	51865513	50885178	51418075	51389589	0.96	cps
Carbon	12-1	10882070	11506100	12033949	11474040	5.03	cps
Carbon	12-2	120627	128359	127064	125350	3.30	cps
Chlorine	35-1	2806105	2837429	2954872	2866135	2.74	cps
Chlorine	35-2	18537	18612	19630	18927	3.23	cps
Chromium	52-2	1587690	1600465	1587872	1592009	0.46	cps
Cobalt	59-2	2849847	2807048	2788316	2815071	1.12	cps
Copper	63-2	23821979	23730339	23568330	23706883	0.54	cps
Dysprosium	156-1	1500	1475	1608	1528	4.64	cps
Dysprosium	156-2	573	613	677	621	8.39	cps
Erbium	164-1	1008	992	1183	1061	10.01	cps
Erbium	164-2	557	507	410	491	15.18	cps
Gadolinium	160-1	1483	1725	1617	1608	7.53	cps
Gadolinium	160-2	870	810	760	813	6.77	cps
Holmium	165-1	14018687	14117628	13882612	14006309	0.84	cps
Holmium	165-2	6823172	6718604	6501323	6681033	2.46	cps
Indium	115-1	12472155	12714342	12668901	12618466	1.02	cps
Indium	115-2	1846360	1832115	1789315	1822597	1.63	cps
Iron	54-2	3695743	3553451	3478631	3575942	3.08	cps
Iron	56-2	64950886	63495919	62586221	63677675	1.87	cps
Iron	57-2	1633075	1639905	1608301	1627094	1.02	cps

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M4080-03MS	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)MS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 16:11:51	DataFile Name :	061AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	943	983	903	943	4.24	cps
Lead	206-1	18031605	18036791	17957782	18008726	0.25	cps
Lead	207-1	15449190	15661094	15558728	15556337	0.68	cps
Lead	208-1	71438809	71686472	71449336	71524872	0.20	cps
Lithium	6-1	4500957	4720221	4650677	4623952	2.42	cps
Magnesium	24-2	12828323	12527555	12525071	12626983	1.38	cps
Manganese	55-2	8515926	8320732	8155651	8330770	2.16	cps
Molybdenum	94-1	11860826	12117719	12272801	12083782	1.72	cps
Molybdenum	95-1	14571703	14867510	15042520	14827244	1.60	cps
Molybdenum	96-1	16068346	16578363	16264774	16303828	1.58	cps
Molybdenum	97-1	8899338	9099379	9065750	9021489	1.19	cps
Molybdenum	98-1	23594669	24051843	23538026	23728179	1.19	cps
Neodymium	150-1	1780	1613	1640	1678	5.34	cps
Neodymium	150-2	530	557	537	541	2.56	cps
Nickel	60-2	745555	742056	729317	738976	1.16	cps
Phosphorus	31-2	1675	1792	1892	1786	6.07	cps
Potassium	39-2	4597964	4598120	4560189	4585424	0.48	cps
Rhodium	103-1	12118662	12369801	12075325	12187930	1.30	cps
Rhodium	103-2	5404639	5248129	5181863	5278210	2.17	cps
Scandium	45-1	9951284	9915481	9900436	9922400	0.26	cps
Scandium	45-2	264420	259474	255680	259858	1.69	cps
Selenium	82-1	103895	105201	105439	104845	0.79	cps
Selenium	77-2	2854	2797	2634	2761	4.14	cps
Selenium	78-2	9314	9298	9216	9276	0.57	cps
Silicon	28-1	36074819	36216401	36180980	36157400	0.20	cps
Silver	107-1	5846336	6994642	5424223	6088401	13.35	cps
Silver	109-1	5322042	6334498	4046272	5234271	21.91	cps
Sodium	23-2	33420315	33462682	33516521	33466506	0.14	cps
Strontium	86-1	2668690	2616563	2717072	2667442	1.88	cps
Strontium	88-1	22445411	22457868	23609339	22837539	2.93	cps
Sulfur	34-1	985745	980206	971191	979047	0.75	cps
Terbium	159-1	14759284	15109712	14896474	14921823	1.18	cps
Terbium	159-2	6752005	6661674	6385063	6599581	2.90	cps
Thallium	203-1	4432108	4424196	4265020	4373775	2.16	cps
Thallium	205-1	10552464	10494297	10135312	10394024	2.17	cps
Tin	118-1	4469252	4474915	4453784	4465984	0.24	cps

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M4080-03MS	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)MS	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 16:11:51	DataFile Name :	061AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4852739	4745047	4805939	4801242	1.12	cps
Uranium	238-1	13313887	13117462	13171881	13201077	0.77	cps
Vanadium	51-2	1214049	1200626	1180924	1198533	1.39	cps
Ytterbium	172-1	450	500	475	475	5.26	cps
Ytterbium	172-2	239	283	228	250	11.76	cps
Ytterbium	176-1	1792	1884	1917	1864	3.47	cps
Ytterbium	176-2	2589	2628	2372	2530	5.44	cps
Yttrium	89-1	31854465	31560920	32401740	31939041	1.34	cps
Yttrium	89-2	3111705	3063164	2994414	3056428	1.93	cps
Zinc	66-2	2562044	2465917	2501893	2509951	1.93	cps
Zirconium	90-1	10351922	10345302	10752453	10483226	2.22	cps
Zirconium	91-1	2309699	2354954	2393717	2352790	1.79	cps

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M4080-03MSD	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 16:17:07	DataFile Name :	062AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	710878	706129	698755	705254	0.87	cps
Antimony	121-1	4953843	5147982	4998804	5033543	2.02	cps
Arsenic	75-2	145466	145395	143461	144774	0.79	cps
Barium	135-1	6468342	6659990	6420020	6516117	1.95	cps
Barium	137-1	11361559	11630732	11297830	11430040	1.55	cps
Beryllium	9-1	1406971	1488200	1441229	1445467	2.82	cps
Bismuth	209-1	7441649	7766286	7886622	7698186	2.99	cps
Bismuth	209-2	4519920	4331459	4962756	4604712	7.04	cps
Boron	10-1	162887	178971	178590	173482	5.29	cps
Boron	11-1	783554	822761	839581	815299	3.53	cps
Bromine	81-1	69583	79546	86101	78410	10.61	cps
Cadmium	111-1	1238093	1281745	1271899	1263912	1.81	cps
Cadmium	106-1	147705	151240	148285	149077	1.27	cps
Cadmium	108-1	99510	100824	98734	99690	1.06	cps
Calcium	43-1	3109272	3221843	3123043	3151386	1.95	cps
Calcium	44-1	50353480	52007184	50533988	50964884	1.78	cps
Carbon	12-1	12358833	13676724	14249963	13428506	7.22	cps
Carbon	12-2	138283	143480	142361	141375	1.93	cps
Chlorine	35-1	2812121	2958297	2944547	2904988	2.78	cps
Chlorine	35-2	17745	19038	18821	18534	3.74	cps
Chromium	52-2	1611089	1560816	1613247	1595051	1.86	cps
Cobalt	59-2	2849120	2820263	2773367	2814250	1.36	cps
Copper	63-2	23666988	23464266	22911550	23347601	1.67	cps
Dysprosium	156-1	1400	1450	1392	1414	2.23	cps
Dysprosium	156-2	677	613	663	651	5.13	cps
Erbium	164-1	1117	1333	1108	1186	10.76	cps
Erbium	164-2	443	437	477	452	4.74	cps
Gadolinium	160-1	1375	1517	1550	1481	6.28	cps
Gadolinium	160-2	807	793	820	807	1.65	cps
Holmium	165-1	13431846	14353185	14320555	14035195	3.72	cps
Holmium	165-2	6742100	6493694	7400927	6878907	6.82	cps
Indium	115-1	11776745	12215035	12757724	12249835	4.01	cps
Indium	115-2	1873568	1831838	2034448	1913285	5.59	cps
Iron	54-2	3482953	3468883	3407334	3453057	1.16	cps
Iron	56-2	62418932	62019290	60820912	61753045	1.35	cps
Iron	57-2	1616323	1597794	1548610	1587576	2.20	cps

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M4080-03MSD	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 16:17:07	DataFile Name :	062AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1040	990	1003	1011	2.56	cps
Lead	206-1	17546602	18696663	18090226	18111164	3.18	cps
Lead	207-1	15570379	16202400	15497327	15756702	2.46	cps
Lead	208-1	71566011	73197027	71257178	72006739	1.45	cps
Lithium	6-1	4308746	4593579	4527435	4476587	3.33	cps
Magnesium	24-2	12426480	12502905	12348888	12426091	0.62	cps
Manganese	55-2	8368903	8397277	8346058	8370746	0.31	cps
Molybdenum	94-1	11809243	12023108	12343228	12058527	2.23	cps
Molybdenum	95-1	14808545	15054973	14917839	14927119	0.83	cps
Molybdenum	96-1	16299767	16560721	16152944	16337810	1.26	cps
Molybdenum	97-1	8668520	9021223	9060965	8916902	2.42	cps
Molybdenum	98-1	23134701	23950935	23280492	23455376	1.86	cps
Neodymium	150-1	1733	1593	1620	1649	4.51	cps
Neodymium	150-2	520	443	543	502	10.42	cps
Nickel	60-2	738410	738102	734411	736974	0.30	cps
Phosphorus	31-2	1809	1717	1783	1770	2.68	cps
Potassium	39-2	4604861	4499240	4509472	4537858	1.28	cps
Rhodium	103-1	11378886	11874729	11961232	11738282	2.68	cps
Rhodium	103-2	5413880	5185171	5817582	5472211	5.85	cps
Scandium	45-1	9340928	9828452	9754559	9641313	2.73	cps
Scandium	45-2	262321	252094	285523	266646	6.42	cps
Selenium	82-1	103560	105842	104723	104708	1.09	cps
Selenium	77-2	2757	2750	2690	2733	1.34	cps
Selenium	78-2	9428	9369	9071	9289	2.06	cps
Silicon	28-1	34239909	35021776	35481311	34914332	1.80	cps
Silver	107-1	5359229	5431827	6188266	5659774	8.11	cps
Silver	109-1	5356384	6163171	6441383	5986979	9.41	cps
Sodium	23-2	33474807	33317442	32063882	32952044	2.35	cps
Strontium	86-1	19959158	20443363	20748518	20383680	1.95	cps
Strontium	88-1	169895033	175457483	180872158	175408225	3.13	cps
Sulfur	34-1	927963	937544	931724	932410	0.52	cps
Terbium	159-1	13854256	14449381	14630380	14311339	2.84	cps
Terbium	159-2	6684668	6329039	7287089	6766932	7.16	cps
Thallium	203-1	4420134	4479270	4526336	4475247	1.19	cps
Thallium	205-1	10255938	10553920	10096515	10302124	2.25	cps
Tin	118-1	4330353	4494228	4430468	4418350	1.87	cps

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M4080-03MSD	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 16:17:07	DataFile Name :	062AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4693078	4746917	4728151	4722715	0.58	cps
Uranium	238-1	13414831	13201700	13501275	13372602	1.15	cps
Vanadium	51-2	1213044	1203172	1199368	1205195	0.59	cps
Ytterbium	172-1	433	625	383	481	26.55	cps
Ytterbium	172-2	244	261	250	252	3.37	cps
Ytterbium	176-1	1658	1809	1834	1767	5.36	cps
Ytterbium	176-2	2300	2445	2650	2465	7.14	cps
Yttrium	89-1	30313101	31157194	31293441	30921245	1.72	cps
Yttrium	89-2	3156833	2998443	3354925	3170067	5.63	cps
Zinc	66-2	2538775	2521958	2501398	2520710	0.74	cps
Zirconium	90-1	10211950	10376170	10526641	10371587	1.52	cps
Zirconium	91-1	2328157	2336110	2399763	2354677	1.67	cps

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M4080-03A	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)A	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 16:20:02	DataFile Name :	063AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	720948	710517	705196	712220	1.13	cps
Antimony	121-1	4995198	4968509	4872656	4945455	1.30	cps
Arsenic	75-2	146915	146107	145776	146266	0.40	cps
Barium	135-1	6621643	6554641	6416471	6530918	1.60	cps
Barium	137-1	11587680	11125764	11094030	11269158	2.45	cps
Beryllium	9-1	1456973	1416091	1436562	1436542	1.42	cps
Bismuth	209-1	7920864	7756024	7638151	7771680	1.83	cps
Bismuth	209-2	4609429	4524828	4511010	4548422	1.17	cps
Boron	10-1	176445	179708	179673	178609	1.05	cps
Boron	11-1	809709	835379	853724	832937	2.65	cps
Bromine	81-1	78117	83553	92457	84709	8.55	cps
Cadmium	111-1	1264244	1242562	1249339	1252048	0.89	cps
Cadmium	106-1	151502	147612	147349	148821	1.56	cps
Cadmium	108-1	96967	99687	99208	98621	1.47	cps
Calcium	43-1	3245195	3082623	3043713	3123844	3.42	cps
Calcium	44-1	52401682	51060722	49476302	50979569	2.87	cps
Carbon	12-1	12282809	13421527	13787643	13163993	5.96	cps
Carbon	12-2	131622	135740	138904	135422	2.70	cps
Chlorine	35-1	3195070	3201291	3223649	3206670	0.47	cps
Chlorine	35-2	19464	20064	20331	19953	2.23	cps
Chromium	52-2	1592780	1597364	1600971	1597038	0.26	cps
Cobalt	59-2	2859709	2854125	2830702	2848179	0.54	cps
Copper	63-2	24111334	24178282	23447674	23912430	1.69	cps
Dysprosium	156-1	1392	1367	1375	1378	0.92	cps
Dysprosium	156-2	657	660	743	687	7.15	cps
Erbium	164-1	992	1092	800	961	15.42	cps
Erbium	164-2	453	540	537	510	9.63	cps
Gadolinium	160-1	1692	1508	1600	1600	5.73	cps
Gadolinium	160-2	863	833	790	829	4.45	cps
Holmium	165-1	14268570	13990218	14113305	14124031	0.99	cps
Holmium	165-2	7025547	6963815	6841034	6943465	1.35	cps
Indium	115-1	12402856	12027131	12021785	12150591	1.80	cps
Indium	115-2	1867344	1894542	1888616	1883501	0.76	cps
Iron	54-2	3569010	3643398	3577975	3596794	1.13	cps
Iron	56-2	63453514	64367122	63110874	63643837	1.02	cps
Iron	57-2	1612282	1630148	1615243	1619224	0.59	cps

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M4080-03A	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)A	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 16:20:02	DataFile Name :	063AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	940	990	917	949	3.95	cps
Lead	206-1	17927737	17907746	17713939	17849808	0.66	cps
Lead	207-1	15622565	15730059	15290472	15547698	1.47	cps
Lead	208-1	71472297	71315312	69960628	70916079	1.17	cps
Lithium	6-1	4520143	4460218	4384435	4454932	1.53	cps
Magnesium	24-2	12610181	12520652	12423869	12518234	0.74	cps
Manganese	55-2	8342156	8432841	8321064	8365353	0.71	cps
Molybdenum	94-1	12020097	11969359	11690292	11893249	1.49	cps
Molybdenum	95-1	15005271	14433023	14312983	14583759	2.54	cps
Molybdenum	96-1	16465398	16173551	15837558	16158836	1.94	cps
Molybdenum	97-1	8931478	8972821	8673482	8859260	1.83	cps
Molybdenum	98-1	23552710	23087756	22882301	23174256	1.48	cps
Neodymium	150-1	1600	1640	1820	1687	6.95	cps
Neodymium	150-2	493	537	433	488	10.64	cps
Nickel	60-2	748585	746031	734541	743052	1.01	cps
Phosphorus	31-2	1700	2042	1792	1845	9.59	cps
Potassium	39-2	4586399	4578665	4527863	4564309	0.70	cps
Rhodium	103-1	12261236	11946033	11691214	11966161	2.39	cps
Rhodium	103-2	5447608	5499907	5332912	5426809	1.57	cps
Scandium	45-1	9900759	9901755	9369208	9723907	3.16	cps
Scandium	45-2	267648	263093	262959	264567	1.01	cps
Selenium	82-1	104581	105022	104790	104798	0.21	cps
Selenium	77-2	2870	2787	2750	2803	2.19	cps
Selenium	78-2	9558	9303	9325	9395	1.51	cps
Silicon	28-1	34961868	35558992	35648107	35389656	1.05	cps
Silver	107-1	5822107	6140563	6828112	6263594	8.21	cps
Silver	109-1	4401098	5722109	5950091	5357766	15.61	cps
Sodium	23-2	33458201	33854099	33026153	33446151	1.24	cps
Strontium	86-1	12081613	11786827	11801891	11890110	1.40	cps
Strontium	88-1	104776223	102694884	102538409	103336505	1.21	cps
Sulfur	34-1	938654	935206	935749	936536	0.20	cps
Terbium	159-1	14633390	14326480	14314531	14424800	1.25	cps
Terbium	159-2	6911771	6579501	6730106	6740460	2.47	cps
Thallium	203-1	4263249	4353665	4451531	4356148	2.16	cps
Thallium	205-1	10060074	10164147	10363210	10195810	1.51	cps
Tin	118-1	4368770	4456825	4371339	4398978	1.14	cps

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	M4080-03A	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)A	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 16:20:02	DataFile Name :	063AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4546410	4582747	4456715	4528624	1.43	cps
Uranium	238-1	13313363	13048920	13001572	13121285	1.28	cps
Vanadium	51-2	1212624	1202996	1193030	1202884	0.81	cps
Ytterbium	172-1	567	458	458	494	12.65	cps
Ytterbium	172-2	222	306	294	274	16.51	cps
Ytterbium	176-1	1817	1975	2200	1997	9.65	cps
Ytterbium	176-2	2511	2506	2628	2548	2.71	cps
Yttrium	89-1	31886127	30628259	30795754	31103380	2.20	cps
Yttrium	89-2	3214995	3138455	3157482	3170311	1.26	cps
Zinc	66-2	2572893	2673832	2539741	2595489	2.69	cps
Zirconium	90-1	10278674	10208830	10253825	10247110	0.35	cps
Zirconium	91-1	2318275	2293134	2270649	2294019	1.04	cps

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	CCV70	Instrumnet Name :	P8
Client Sample ID :	CCV70	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 16:22:56	DataFile Name :	064CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3612414	3531936	3588664	3577671	1.16	cps
Antimony	121-1	4937655	4962454	4847105	4915738	1.24	cps
Arsenic	75-2	144560	146323	145731	145538	0.62	cps
Barium	135-1	6582130	6588663	6347404	6506066	2.11	cps
Barium	137-1	11343121	11172174	10997186	11170827	1.55	cps
Beryllium	9-1	1437768	1441524	1426800	1435364	0.53	cps
Bismuth	209-1	7224157	7310153	7359386	7297899	0.94	cps
Bismuth	209-2	4306958	4400390	4270295	4325881	1.55	cps
Boron	10-1	157163	161448	162134	160248	1.68	cps
Boron	11-1	742666	758241	774141	758350	2.08	cps
Bromine	81-1	35732	34658	33865	34752	2.70	cps
Cadmium	111-1	1354788	1354761	1313043	1340864	1.80	cps
Cadmium	106-1	158429	161641	156525	158865	1.63	cps
Cadmium	108-1	106230	103909	103116	104418	1.55	cps
Calcium	43-1	10175839	10536303	10172026	10294723	2.03	cps
Calcium	44-1	169848404	173968144	170994771	171603773	1.24	cps
Carbon	12-1	9217423	9074243	9032124	9107930	1.07	cps
Carbon	12-2	90151	84904	87486	87514	3.00	cps
Chlorine	35-1	2585109	2525708	2458905	2523241	2.50	cps
Chlorine	35-2	13957	14875	14783	14538	3.48	cps
Chromium	52-2	1608775	1602868	1635285	1615642	1.07	cps
Cobalt	59-2	2827382	2760912	2858288	2815528	1.77	cps
Copper	63-2	22158233	22355759	21919562	22144518	0.99	cps
Dysprosium	156-1	908	933	1075	972	9.25	cps
Dysprosium	156-2	327	530	420	426	23.92	cps
Erbium	164-1	217	208	150	192	18.95	cps
Erbium	164-2	83	113	93	97	15.81	cps
Gadolinium	160-1	1025	933	983	981	4.68	cps
Gadolinium	160-2	540	553	493	529	5.96	cps
Holmium	165-1	13698406	13616487	13390100	13568331	1.18	cps
Holmium	165-2	6772357	6838060	6885255	6831891	0.83	cps
Indium	115-1	12121861	11895803	11930856	11982840	1.02	cps
Indium	115-2	1755836	1797957	1807569	1787121	1.54	cps
Iron	54-2	16922533	16671069	17069915	16887839	1.19	cps
Iron	56-2	304670418	303467529	298276996	302138314	1.12	cps
Iron	57-2	7746162	7564788	7739823	7683591	1.34	cps

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	CCV70	Instrumnet Name :	P8
Client Sample ID :	CCV70	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 16:22:56	DataFile Name :	064CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1057	1013	887	986	8.96	cps
Lead	206-1	17503580	17480291	17402515	17462129	0.30	cps
Lead	207-1	14893108	15484025	15214885	15197340	1.95	cps
Lead	208-1	68246678	70651268	70066318	69654754	1.80	cps
Lithium	6-1	4474041	4299335	4287839	4353738	2.40	cps
Magnesium	24-2	54643724	53259049	53640885	53847886	1.33	cps
Manganese	55-2	8142522	7914515	7995957	8017665	1.44	cps
Molybdenum	94-1	12695146	12293303	12361644	12450031	1.73	cps
Molybdenum	95-1	15368195	15074612	14868799	15103869	1.66	cps
Molybdenum	96-1	17145129	16879720	16426485	16817111	2.16	cps
Molybdenum	97-1	9320562	9143042	9171693	9211766	1.03	cps
Molybdenum	98-1	24183615	24042877	23949603	24058698	0.49	cps
Neodymium	150-1	353	287	273	304	14.08	cps
Neodymium	150-2	20	27	20	22	17.33	cps
Nickel	60-2	773850	781341	782131	779107	0.59	cps
Phosphorus	31-2	23745	24321	25198	24421	3.00	cps
Potassium	39-2	20823378	20737738	20959025	20840047	0.54	cps
Rhodium	103-1	11112753	11140857	10956401	11070004	0.90	cps
Rhodium	103-2	4958947	5051607	5049752	5020102	1.06	cps
Scandium	45-1	9445641	9444757	9417473	9435957	0.17	cps
Scandium	45-2	253339	256842	259828	256670	1.27	cps
Selenium	82-1	106609	105861	104767	105745	0.88	cps
Selenium	77-2	2800	2910	2750	2820	2.90	cps
Selenium	78-2	9626	9523	9646	9599	0.69	cps
Silicon	28-1	5024160	5180311	5118607	5107693	1.54	cps
Silver	107-1	7295725	7108928	6948593	7117748	2.44	cps
Silver	109-1	7042299	6793354	6787830	6874494	2.11	cps
Sodium	23-2	104065581	102107142	103377906	103183543	0.96	cps
Strontium	86-1	20399479	19305405	19360982	19688622	3.13	cps
Strontium	88-1	175891050	170478012	167184829	171184630	2.57	cps
Sulfur	34-1	821318	823637	814437	819797	0.58	cps
Terbium	159-1	14324250	14859194	14378176	14520540	2.03	cps
Terbium	159-2	6485338	6653152	6498551	6545680	1.43	cps
Thallium	203-1	4409047	4313452	4292701	4338400	1.43	cps
Thallium	205-1	10160851	10137841	9954890	10084527	1.12	cps
Tin	118-1	4533187	4453190	4437005	4474461	1.15	cps

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	CCV70	Instrumnet Name :	P8
Client Sample ID :	CCV70	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 16:22:56	DataFile Name :	064CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4730172	4770482	4668482	4723045	1.09	cps
Uranium	238-1	13183985	13423697	13078776	13228819	1.34	cps
Vanadium	51-2	1208953	1217039	1216859	1214283	0.38	cps
Ytterbium	172-1	108	125	208	147	36.39	cps
Ytterbium	172-2	44	78	56	59	28.64	cps
Ytterbium	176-1	20116	19840	19607	19854	1.28	cps
Ytterbium	176-2	11611	11700	12100	11804	2.21	cps
Yttrium	89-1	30756905	30936689	29381345	30358313	2.80	cps
Yttrium	89-2	3040758	3077780	3052044	3056861	0.62	cps
Zinc	66-2	2411342	2396698	2359873	2389304	1.11	cps
Zirconium	90-1	11061917	11009527	10512609	10861351	2.79	cps
Zirconium	91-1	2457780	2468426	2384646	2436951	1.87	cps

LB Number : LB116689 Operator : Jaswal
 Lab Sample ID : CCB70 Instrumnet Name : P8
 Client Sample ID : CCB70 Dilution Factor : 1
 Date & Time Acquired :: 2021-10-06 16:29:33 DataFile Name : 065CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	190	194	181	188	3.41	cps
Antimony	121-1	808	875	975	886	9.47	cps
Arsenic	75-2	6	7	7	7	8.66	cps
Barium	135-1	108	150	183	147	25.52	cps
Barium	137-1	250	175	225	217	17.62	cps
Beryllium	9-1	134	116	92	114	18.49	cps
Bismuth	209-1	7664751	7964957	7881853	7837187	1.98	cps
Bismuth	209-2	4558929	4615638	4664404	4612990	1.14	cps
Boron	10-1	8985	8809	8853	8882	1.03	cps
Boron	11-1	43724	40115	39960	41266	5.16	cps
Bromine	81-1	24386	24126	24216	24243	0.55	cps
Cadmium	111-1	813	743	737	764	5.54	cps
Cadmium	106-1	7027	6727	6768	6841	2.38	cps
Cadmium	108-1	21	54	75	50	54.65	cps
Calcium	43-1	592	560	582	578	2.88	cps
Calcium	44-1	60583	59262	58081	59309	2.11	cps
Carbon	12-1	5473629	5459158	5458012	5463600	0.16	cps
Carbon	12-2	49893	49325	49835	49685	0.63	cps
Chlorine	35-1	1983819	1848969	1787862	1873550	5.35	cps
Chlorine	35-2	9945	10245	9820	10004	2.18	cps
Chromium	52-2	1177	1283	1190	1217	4.78	cps
Cobalt	59-2	130	190	153	158	19.17	cps
Copper	63-2	1437	1893	1447	1592	16.38	cps
Dysprosium	156-1	25	0	0	8	173.21	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	42	100	67	69	42.14	cps
Erbium	164-2	60	43	40	48	22.43	cps
Gadolinium	160-1	167	92	75	111	43.95	cps
Gadolinium	160-2	53	50	40	48	14.52	cps
Holmium	165-1	13889287	13156224	13953535	13666349	3.24	cps
Holmium	165-2	6579679	6557181	6583725	6573528	0.22	cps
Indium	115-1	12827667	12464998	12766266	12686310	1.53	cps
Indium	115-2	1923184	1833428	1867411	1874674	2.42	cps
Iron	54-2	811	945	900	885	7.67	cps
Iron	56-2	8675	10304	8692	9224	10.14	cps
Iron	57-2	311	289	211	270	19.42	cps

LB Number :	LB116689	Operator :	Jaswal
Lab Sample ID :	CCB70	Instrumnet Name :	P8
Client Sample ID :	CCB70	Dilution Factor :	1
Date & Time Acquired ::	2021-10-06 16:29:33	DataFile Name :	065CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	933	980	883	932	5.19	cps
Lead	206-1	2100	2234	2089	2141	3.76	cps
Lead	207-1	1800	1867	2022	1896	6.01	cps
Lead	208-1	8457	8423	8462	8448	0.25	cps
Lithium	6-1	4374889	4404048	4419082	4399340	0.51	cps
Magnesium	24-2	992	1342	1017	1117	17.49	cps
Manganese	55-2	323	423	310	352	17.59	cps
Molybdenum	94-1	925	792	958	892	9.89	cps
Molybdenum	95-1	967	692	625	761	23.80	cps
Molybdenum	96-1	942	958	1025	975	4.52	cps
Molybdenum	97-1	642	425	358	475	31.19	cps
Molybdenum	98-1	1492	1125	1058	1225	19.05	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	123	177	100	133	29.47	cps
Phosphorus	31-2	83	92	125	100	22.04	cps
Potassium	39-2	19021	19806	18996	19274	2.39	cps
Rhodium	103-1	12221802	12091260	12356040	12223034	1.08	cps
Rhodium	103-2	5438874	5370718	5458267	5422620	0.85	cps
Scandium	45-1	9492391	9484040	9569273	9515235	0.49	cps
Scandium	45-2	253290	244888	251309	249829	1.76	cps
Selenium	82-1	23	-11	99	37	152.49	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	62	66	65	64	3.24	cps
Silicon	28-1	574200	557725	564185	565370	1.47	cps
Silver	107-1	4192	3234	2367	3264	27.97	cps
Silver	109-1	3792	2809	2117	2906	28.97	cps
Sodium	23-2	43248	44009	42797	43351	1.41	cps
Strontium	86-1	2034	1900	1692	1875	9.18	cps
Strontium	88-1	2942	2659	2575	2725	7.05	cps
Sulfur	34-1	391085	389550	390886	390507	0.21	cps
Terbium	159-1	14097757	14490996	14494731	14361161	1.59	cps
Terbium	159-2	6596344	6242341	6627075	6488587	3.30	cps
Thallium	203-1	1017	1033	908	986	6.88	cps
Thallium	205-1	2692	2534	2484	2570	4.23	cps
Tin	118-1	2009	1734	1992	1911	8.07	cps

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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	342	392	400	378	8.35	cps
Uranium	238-1	308	192	183	228	30.68	cps
Vanadium	51-2	20	57	57	44	47.63	cps
Ytterbium	172-1	50	8	8	22	108.27	cps
Ytterbium	172-2	11	17	6	11	49.99	cps
Ytterbium	176-1	1383	1208	1475	1356	10.00	cps
Ytterbium	176-2	2045	2261	2606	2304	12.28	cps
Yttrium	89-1	31352255	30879833	30745492	30992527	1.03	cps
Yttrium	89-2	3079061	2966582	3040309	3028651	1.89	cps
Zinc	66-2	493	570	493	519	8.53	cps
Zirconium	90-1	1450	1317	1317	1361	5.66	cps
Zirconium	91-1	375	333	258	322	18.35	cps