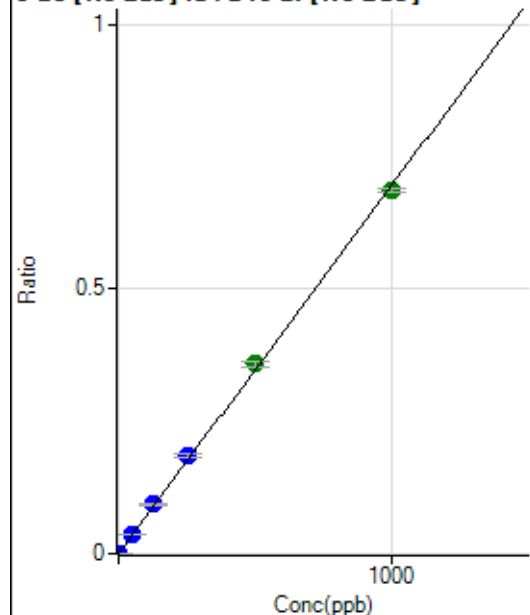


Batch Folder: D:\Agilent\ICPMH\1\DATA\P7032322MS.b\
Analysis File: P7032322MS.batch.bin
DA Date-Time: 2022-03-23 16:35:54
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	002CALB.d	S00	2022-03-23 12:59:51
2	004CALS.d	S02	2022-03-23 13:05:40
3	006CALS.d	S03	2022-03-23 13:11:29
4	007CALS.d	S04	2022-03-23 13:14:13
5	008CALS.d	S05	2022-03-23 13:17:00
6	009CALS.d	S06	2022-03-23 13:19:44
7	014CALS.d	S07	2022-03-23 13:55:30
8	015CALS.d	S08	2022-03-23 13:58:15

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	30.00	0.0000	P	21.3
2	☐	1.000	1.035	3291.50	0.0007	P	6.6
3	☐	50.000	53.183	167376.95	0.0370	P	2.1
4	☐	125.000	134.376	413738.58	0.0934	P	2.7
5	☐	250.000	267.286	812209.33	0.1857	P	3.2
6	☐	500.000	516.939	1578454.34	0.3592	A	3.1
7	☐	1000.000	985.878	3228154.29	0.6851	A	0.9
8	☐			430.01	0.0001	P	10.3

$$y = 6.9492\text{E-}004 * x + 6.5450\text{E-}006$$

$$R = 0.9996$$

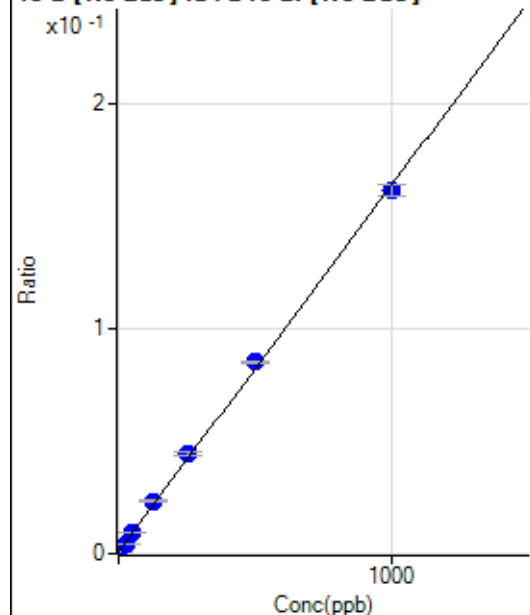
$$DL = 0.006031$$

$$BEC = 0.009418$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	3908.92	0.0009	P	1.4
2	☐	25.000	20.789	19243.11	0.0042	P	7.1
3	☐	50.000	52.091	42302.90	0.0093	P	5.3
4	☐	125.000	136.736	102522.52	0.0231	P	3.5
5	☐	250.000	269.698	195919.73	0.0448	P	3.5
6	☐	500.000	517.584	374524.15	0.0852	P	0.8
7	☐	1000.000	984.817	760259.59	0.1613	P	3.0
8	☐			17029.27	0.0041	P	13.1

$$y = 1.6295\text{E-}004 * x + 8.5378\text{E-}004$$

$$R = 0.9995$$

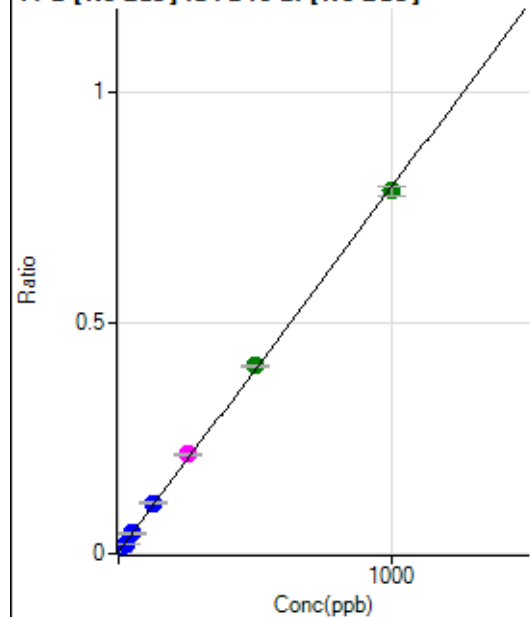
$$DL = 0.2212$$

$$BEC = 5.24$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	18147.16	0.0040	P	4.1
2	☐	25.000	20.846	92810.15	0.0205	P	6.7
3	☐	50.000	51.283	201663.32	0.0445	P	4.4
4	☐	125.000	133.202	484518.29	0.1093	P	2.6
5	☐	250.000	266.733	940099.96	0.2149	M	2.8
6	☐	500.000	509.847	1789646.05	0.4072	A	1.1
7	☐	1000.000	989.907	3708692.62	0.7870	A	2.7
8	☐			81882.53	0.0195	P	12.4

$$y = 7.9097\text{E-}004 * x + 0.0040$$

$$R = 0.9997$$

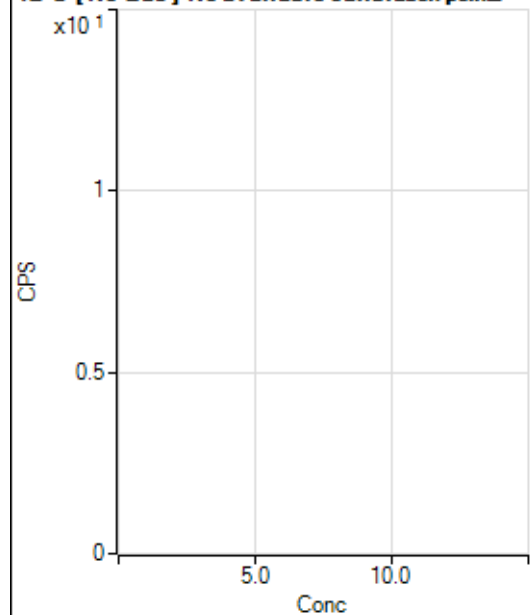
$$DL = 0.6095$$

$$BEC = 5.013$$

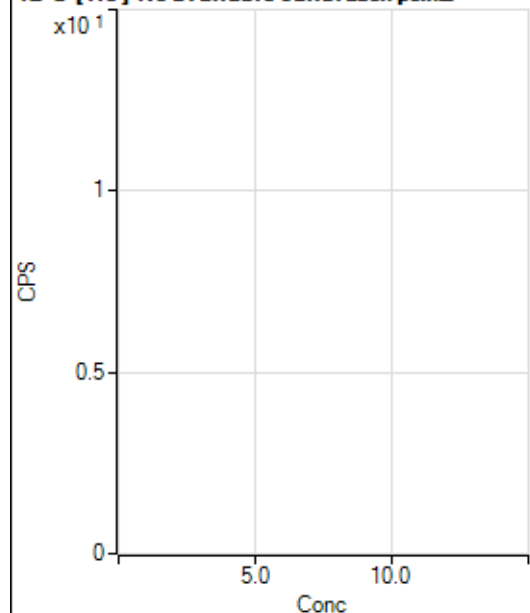
Weight: <None>

Min Conc: 0

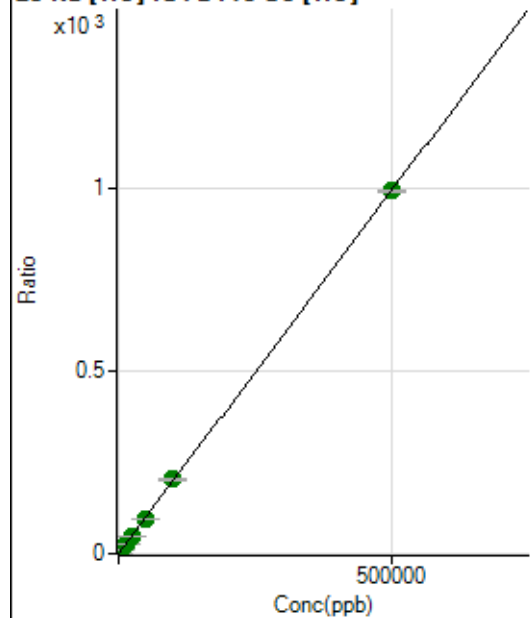
12 C [No Gas] No available calibration points



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	12195.74	0.0223	P	0.3
2	☐	500.000	454.009	505607.25	0.9237	P	0.0
3	☐	5000.000	5008.033	5344736.52	9.9652	A	1.1
4	☐	12500.000	12464.976	13265268.93	24.7701	A	0.8
5	☐	25000.000	24232.429	26261021.88	48.1331	A	1.1
6	☐	50000.000	48553.691	51469102.54	96.4202	A	1.7
7	☐	100000.00	102274.41	116610974.83	203.0765	A	0.6
8	☐	500000.00	499728.96	554530008.69	992.1773	A	0.6

$$y = 0.0020 * x + 0.0223$$

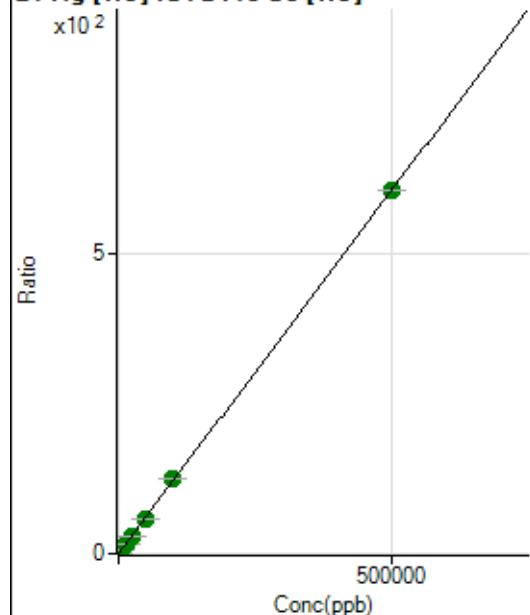
$$R = 1.0000$$

$$DL = 0.1094$$

$$BEC = 11.26$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	237.04	0.0004	P	14.0
2	☐	500.000	464.636	308317.92	0.5633	P	0.5
3	☐	5000.000	5047.340	3279473.22	6.1146	A	1.3
4	☐	12500.000	12478.308	8095334.96	15.1163	A	1.4
5	☐	25000.000	24005.907	15866707.53	29.0805	A	0.4
6	☐	50000.000	47745.427	30872738.42	57.8379	A	2.1
7	☐	100000.00	103145.87	71746156.23	124.9485	A	0.3
8	☐	500000.00	499646.09	338285363.12	605.2579	A	0.1

$$y = 0.0012 * x + 4.3401E-004$$

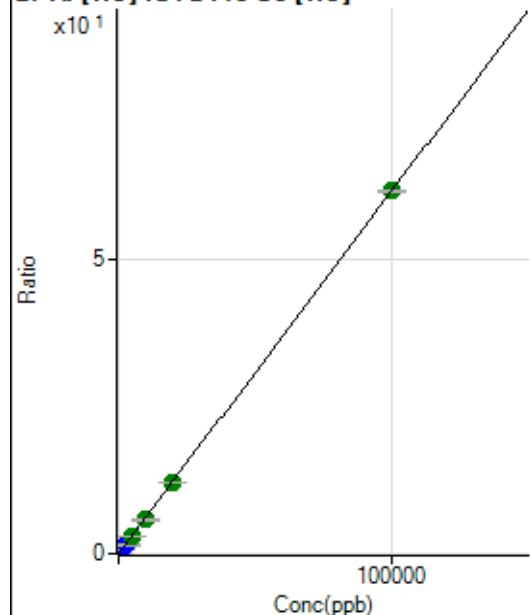
$$R = 1.0000$$

$$DL = 0.15$$

$$BEC = 0.3583$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	127.78	0.0002	P	4.4
2	☐	20.000	19.948	6855.34	0.0125	P	3.3
3	☐	1000.000	985.199	325649.32	0.6072	P	1.0
4	☐	2500.000	2392.455	789444.60	1.4741	P	0.7
5	☐	5000.000	4855.582	1632179.02	2.9916	A	1.3
6	☐	10000.000	9347.960	3074045.76	5.7591	A	2.4
7	☐	20000.000	19790.859	7001344.20	12.1925	A	0.5
8	☐	100000.00	100117.09	34473059.57	61.6781	A	0.9

$$y = 6.1606E-004 * x + 2.3415E-004$$

$$R = 1.0000$$

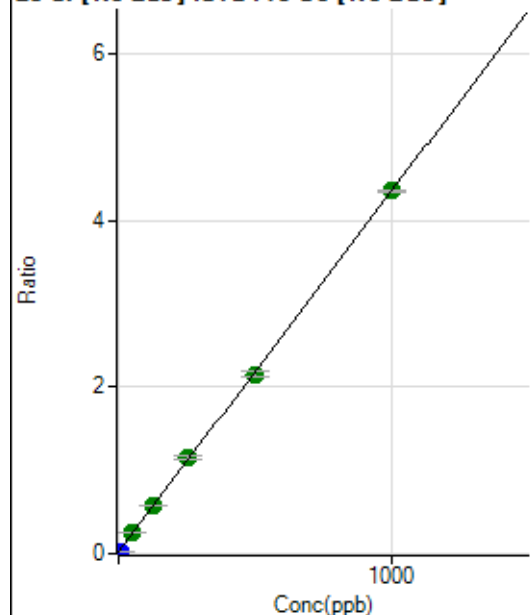
$$DL = 0.05037$$

$$BEC = 0.3801$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	153488.28	0.0225	P	1.1
2	☐	10.000	2.681	237093.84	0.0341	P	2.4
3	☐	50.000	53.470	1707971.61	0.2539	A	1.0
4	☐	125.000	128.386	3900314.71	0.5781	A	3.2
5	☐	250.000	261.053	7485837.66	1.1523	A	4.8
6	☐	500.000	492.492	14149356.39	2.1540	A	3.5
7	☐	1000.000	1000.467	31031963.89	4.3526	A	0.5
8	☐			539562.28	0.0825	P	5.4

$$y = 0.0043 * x + 0.0225$$

$$R = 0.9998$$

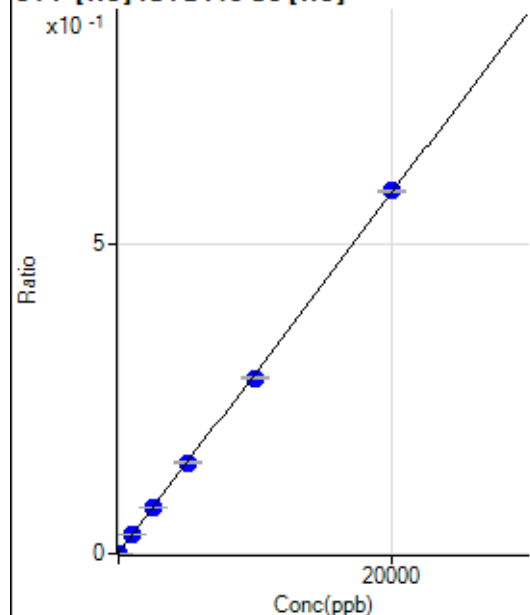
$$DL = 0.1651$$

$$BEC = 5.194$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	-9.535	283.34	0.0005	P	46.8
2	☐	0.000	9.535	588.92	0.0011	P	15.7
3	☐	1000.000	1058.832	16979.27	0.0317	P	2.3
4	☐	2500.000	2540.098	40075.28	0.0748	P	1.1
5	☐	5000.000	5043.499	80634.83	0.1478	P	1.4
6	☐	10000.000	9724.801	151727.83	0.2842	P	1.2
7	☐	20000.000	20118.771	337153.90	0.5872	P	0.2
8	☐			575.03	0.0010	P	17.6

$$y = 2.9145E-005 * x + 7.9846E-004$$

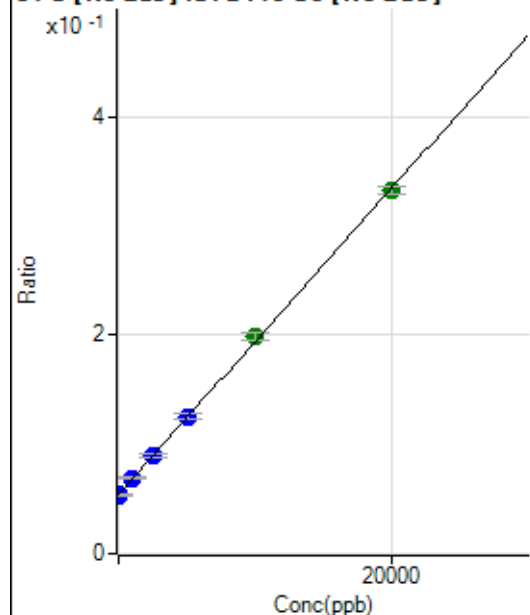
$$R = 0.9998$$

$$DL = 21.21$$

$$BEC = 27.4$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	56.448	376574.27	0.0552	P	0.5
2	☐	0.000	-56.448	372663.53	0.0536	P	1.5
3	☐	1000.000	1073.980	466996.00	0.0694	P	0.6
4	☐	2500.000	2520.879	605087.34	0.0897	P	3.9
5	☐	5000.000	5086.897	816661.96	0.1257	P	3.6
6	☐	10000.000	10290.302	1304717.55	0.1986	A	4.0
7	☐	20000.000	19826.816	2369472.99	0.3323	A	2.0
8	☐			385192.56	0.0589	P	1.4

$$y = 1.4021\text{E-}005 * x + 0.0544$$

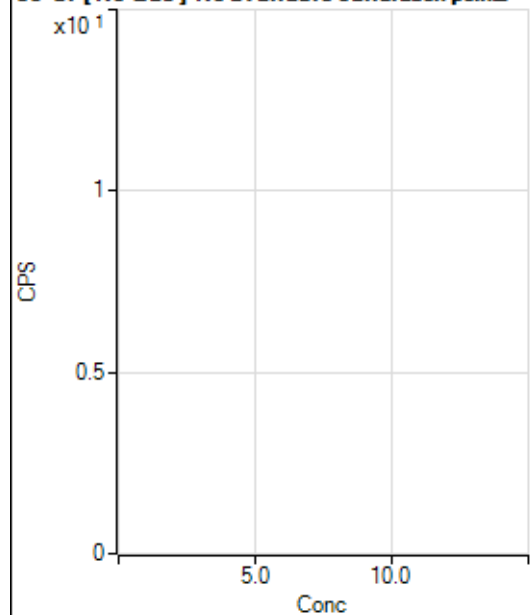
R = 0.9998

DL = 116.4

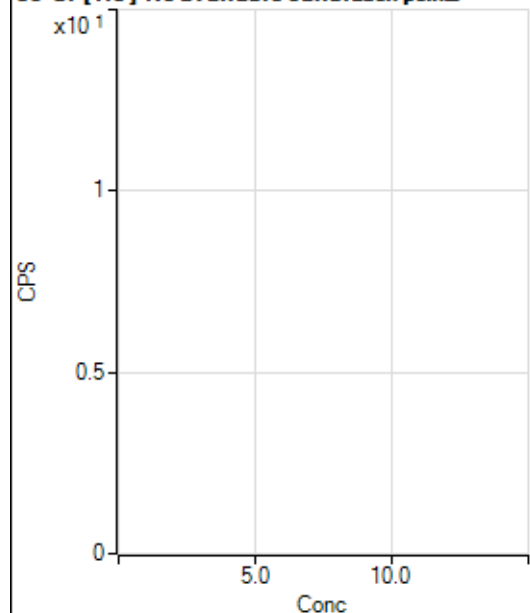
BEC = 3877

Weight: <None>

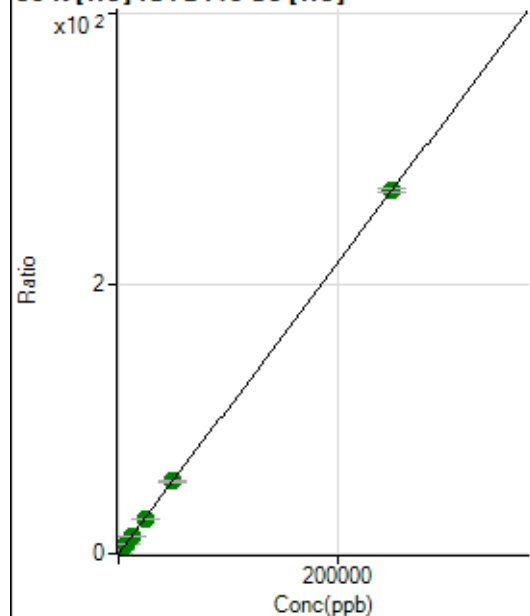
Min Conc: 0

35 Cl [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	23621.63	0.0433	P	1.8
2	☐	500.000	479.981	305644.96	0.5584	P	1.1
3	☐	2500.000	2527.865	1478334.95	2.7562	A	0.5
4	☐	6250.000	6136.716	3550316.05	6.6294	A	0.4
5	☐	12500.000	11915.489	7000783.40	12.8313	A	0.7
6	☐	25000.000	23676.471	13586486.16	25.4534	A	2.2
7	☐	50000.000	49716.394	30660928.81	53.4001	A	0.9
8	☐	250000.00	250220.89	150114753.36	268.5863	A	1.0

$$y = 0.0011 * x + 0.0433$$

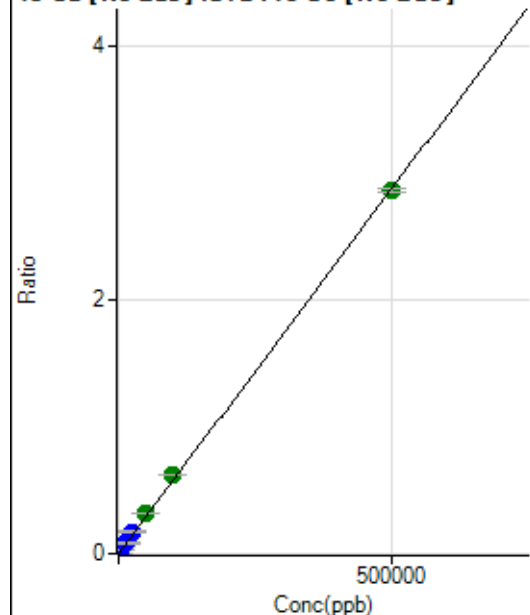
$$R = 1.0000$$

$$DL = 2.23$$

$$BEC = 40.33$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	2697.53	0.0004	P	7.4
2	☐	500.000	462.812	21234.76	0.0031	P	5.5
3	☐	5000.000	5898.116	230573.37	0.0343	P	0.7
4	☐	12500.000	14562.438	567103.41	0.0840	P	2.5
5	☐	25000.000	29896.088	1118113.33	0.1721	P	5.0
6	☐	50000.000	55257.555	2087279.75	0.3178	A	4.5
7	☐	100000.00	107877.80	4421052.48	0.6201	A	2.0
8	☐	500000.00	497593.37	18709067.95	2.8587	A	1.1

$$y = 5.7443\text{E-}006 * x + 3.9509\text{E-}004$$

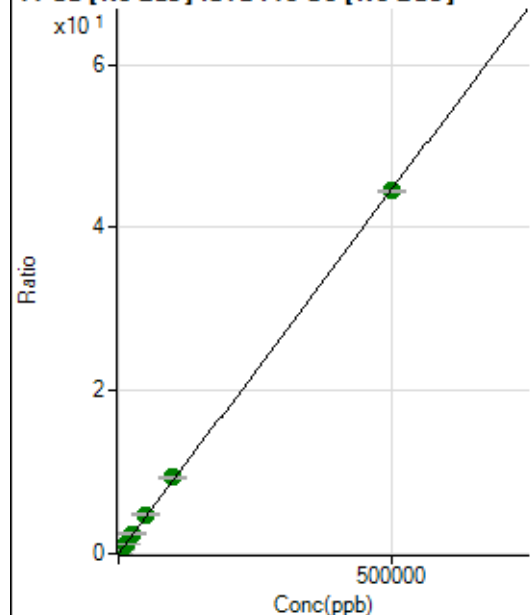
R = 0.9998

DL = 15.35

BEC = 68.78

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	16790.28	0.0025	P	0.6
2	☐	500.000	499.752	327534.04	0.0471	P	1.7
3	☐	5000.000	5437.777	3283107.58	0.4880	A	0.9
4	☐	12500.000	13489.624	8144669.02	1.2070	A	2.4
5	☐	25000.000	27498.652	15965813.90	2.4580	A	5.1
6	☐	50000.000	53260.849	31256266.32	4.7584	A	3.8
7	☐	100000.00	104761.84	66715740.38	9.3573	A	1.2
8	☐	500000.00	498567.49	291394484.29	44.5225	A	0.4

$$y = 8.9296\text{E-}005 * x + 0.0025$$

R = 0.9999

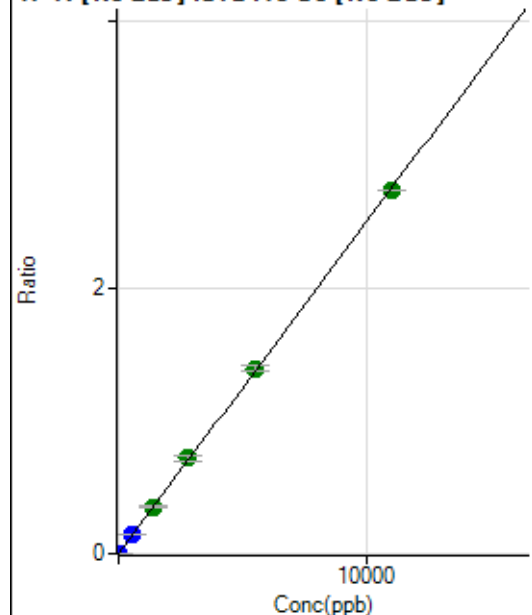
DL = 0.4686

BEC = 27.54

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	150.01	0.0000	P	24.1
2	☐	5.000	4.800	8485.97	0.0012	P	3.9
3	☐	550.000	569.647	956635.86	0.1422	P	0.7
4	☐	1375.000	1418.213	2387847.95	0.3540	A	3.8
5	☐	2750.000	2873.808	4658794.85	0.7173	A	5.6
6	☐	5500.000	5580.705	9150675.38	1.3929	A	2.9
7	☐	11000.000	10922.311	19436612.41	2.7262	A	0.2
8	☐			6771.16	0.0010	P	4.9

$$y = 2.4959\text{E-}004 * x + 2.1967\text{E-}005$$

$$R = 0.9999$$

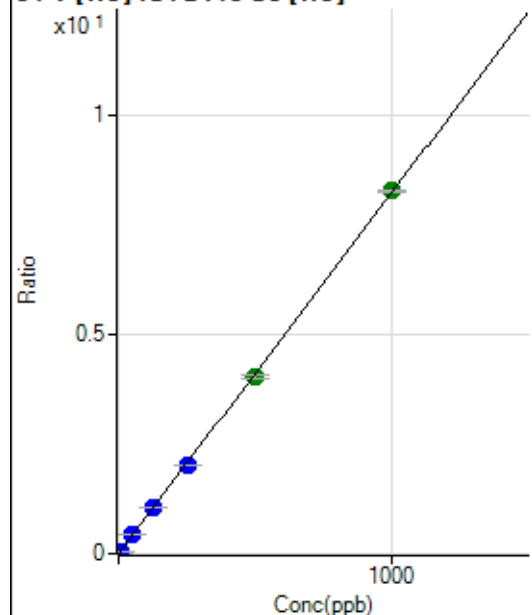
$$DL = 0.06362$$

$$BEC = 0.08801$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	5.56	0.0000	P	91.3
2	☐	5.000	4.862	21871.52	0.0400	P	0.3
3	☐	50.000	51.851	228515.38	0.4260	P	0.7
4	☐	125.000	126.792	557918.71	1.0418	P	0.7
5	☐	250.000	245.332	1099798.84	2.0158	P	0.9
6	☐	500.000	491.320	2154923.32	4.0369	A	1.8
7	☐	1000.000	1005.191	4742383.40	8.2592	A	0.8
8	☐			1186.73	0.0021	P	4.1

$$y = 0.0082 * x + 1.0143\text{E-}005$$

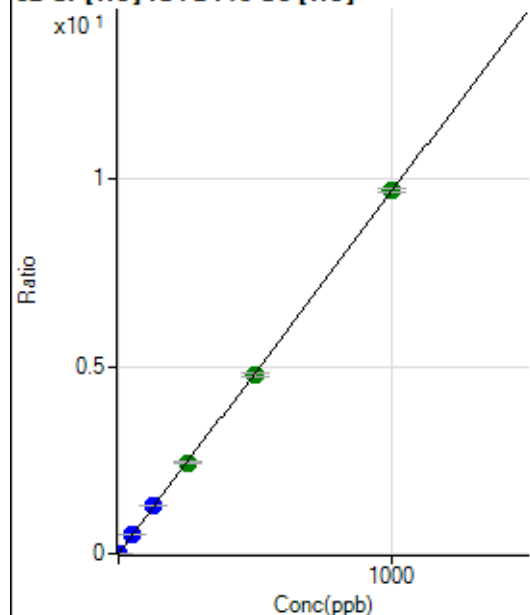
$$R = 0.9999$$

$$DL = 0.003381$$

$$BEC = 0.001235$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1793.46	0.0033	P	4.1
2	☐	2.000	1.950	12129.40	0.0222	P	1.6
3	☐	50.000	53.169	277755.42	0.5179	P	0.6
4	☐	125.000	130.901	680242.58	1.2702	P	0.1
5	☐	250.000	250.217	1322994.94	2.4249	A	1.4
6	☐	500.000	494.398	2555895.19	4.7881	A	1.8
7	☐	1000.000	1001.851	5569169.99	9.6994	A	0.9
8	☐			63147.22	0.1130	P	0.4

$$y = 0.0097 * x + 0.0033$$

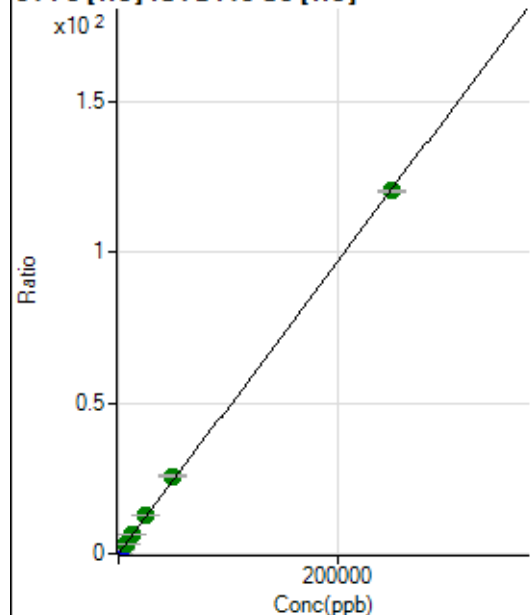
$$R = 1.0000$$

$$DL = 0.04143$$

$$BEC = 0.3395$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1141.22	0.0021	P	22.2
2	☐	50.000	54.677	15590.73	0.0285	P	1.9
3	☐	2500.000	2944.764	763448.75	1.4234	P	0.7
4	☐	6250.000	6970.874	1803000.45	3.3667	A	0.3
5	☐	12500.000	13463.305	3546227.85	6.5003	A	2.3
6	☐	25000.000	26477.296	6823246.03	12.7816	A	1.3
7	☐	50000.000	53304.706	14773055.87	25.7302	A	1.4
8	☐	250000.00	249120.69	67205783.41	120.2428	A	0.7

$$y = 4.8266E-004 * x + 0.0021$$

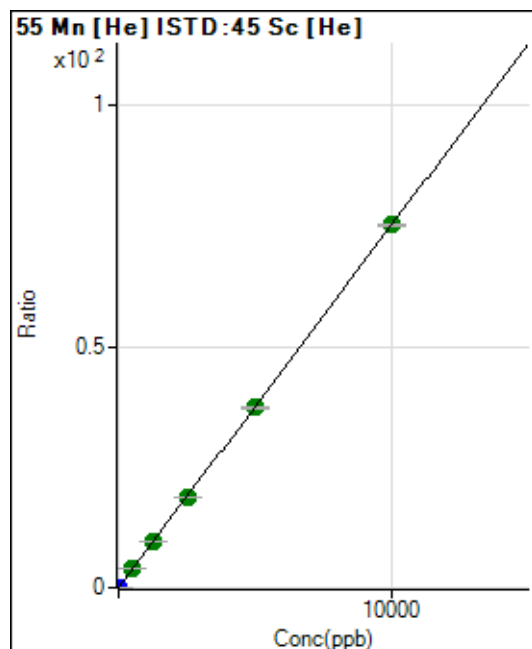
$$R = 0.9999$$

$$DL = 2.882$$

$$BEC = 4.337$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	553.35	0.0010	P	7.9
2	☐	1.000	1.015	4727.46	0.0086	P	2.8
3	☐	500.000	533.455	2150256.65	4.0090	A	0.4
4	☐	1250.000	1283.498	5164968.78	9.6443	A	0.4
5	☐	2500.000	2489.684	10205801.93	18.7066	A	1.6
6	☐	5000.000	4981.726	19981843.73	37.4300	A	1.2
7	☐	10000.000	10005.856	43165255.19	75.1775	A	0.9
8	☐			32458.48	0.0581	P	0.7

$$y = 0.0075 * x + 0.0010$$

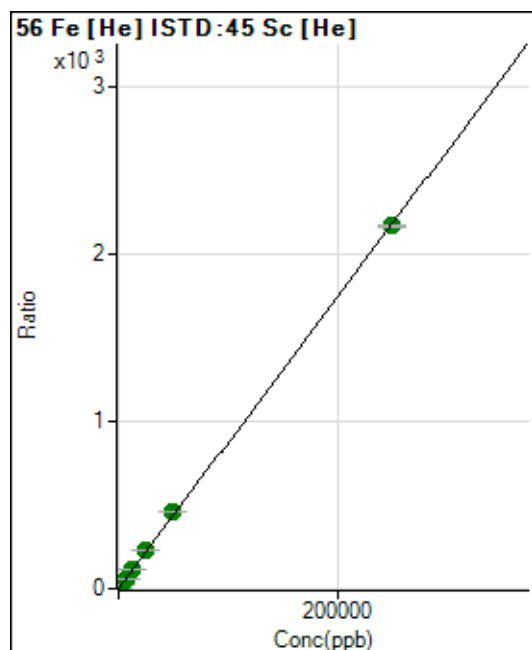
$$R = 1.0000$$

$$DL = 0.03189$$

$$BEC = 0.135$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	9964.54	0.0183	P	3.5
2	☐	50.000	53.136	262881.23	0.4803	P	1.1
3	☐	2500.000	2807.860	13104746.48	24.4331	A	0.3
4	☐	6250.000	6864.744	31976331.73	59.7083	A	1.0
5	☐	12500.000	13285.364	63032561.59	115.5367	A	2.0
6	☐	25000.000	26325.833	122211492.55	228.9258	A	0.7
7	☐	50000.000	52990.689	264570637.40	460.7811	A	1.1
8	☐	250000.00	249211.56	1211130441.8	2,166.954	A	0.5

$$y = 0.0087 * x + 0.0183$$

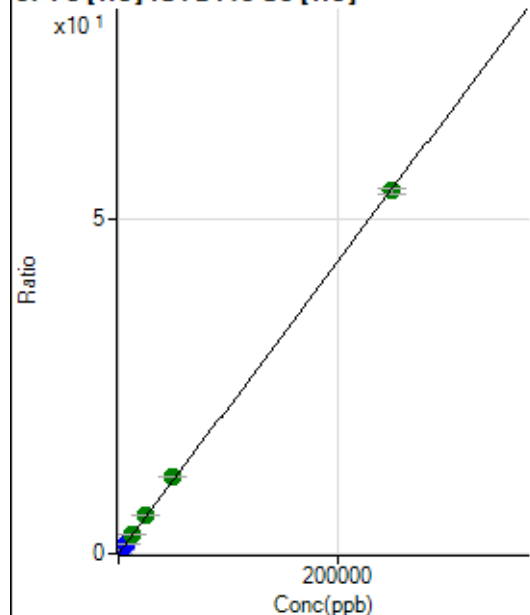
$$R = 0.9999$$

$$DL = 0.2181$$

$$BEC = 2.1$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	170.38	0.0003	P	5.9
2	☐	50.000	54.398	6646.03	0.0121	P	4.9
3	☐	2500.000	2885.789	336758.48	0.6279	P	0.7
4	☐	6250.000	7052.832	821541.04	1.5341	P	1.0
5	☐	12500.000	13287.925	1576753.19	2.8900	A	1.2
6	☐	25000.000	26244.352	3047041.39	5.7075	A	0.2
7	☐	50000.000	53143.602	6635940.95	11.5572	A	0.9
8	☐	250000.00	249183.51	30287154.84	54.1890	A	1.4

$$y = 2.1747\text{E-}004 * x + 3.1210\text{E-}004$$

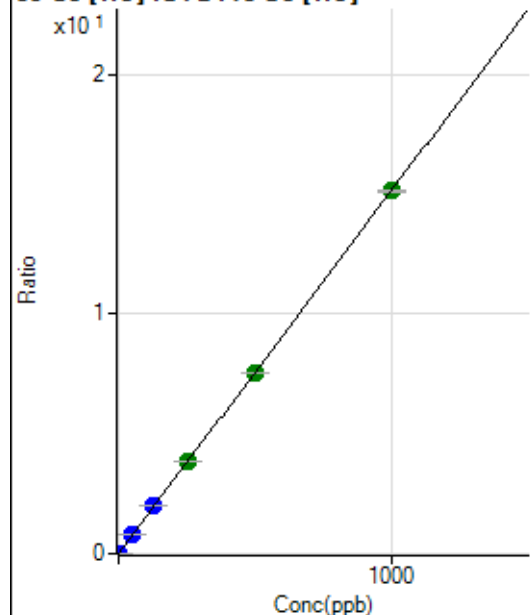
$$R = 0.9999$$

$$DL = 0.2552$$

$$BEC = 1.435$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	181.11	0.0003	P	3.9
2	☐	1.000	1.011	8562.51	0.0156	P	1.3
3	☐	50.000	53.788	437000.35	0.8148	P	1.5
4	☐	125.000	133.004	1078766.93	2.0143	P	0.4
5	☐	250.000	253.745	2096450.47	3.8426	A	1.4
6	☐	500.000	497.385	4020880.91	7.5319	A	0.7
7	☐	1000.000	999.181	8687566.68	15.1303	A	0.7
8	☐			14616.09	0.0261	P	2.3

$$y = 0.0151 * x + 3.3181\text{E-}004$$

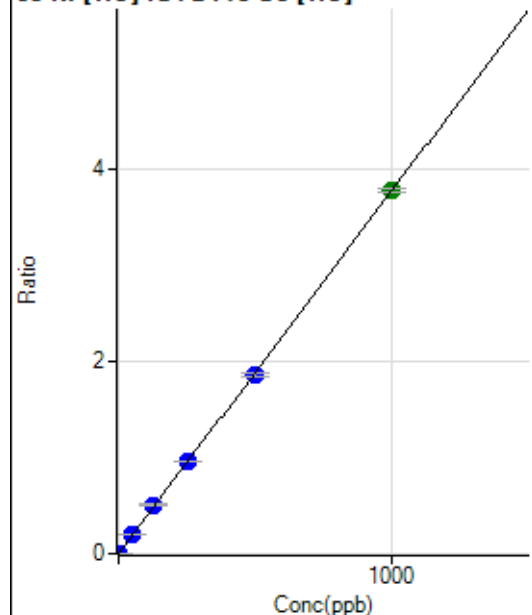
$$R = 1.0000$$

$$DL = 0.002532$$

$$BEC = 0.02191$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	55.56	0.0001	P	21.8
2	☐	1.000	1.031	2184.63	0.0040	P	5.0
3	☐	50.000	55.102	111600.54	0.2081	P	1.1
4	☐	125.000	134.844	272614.41	0.5091	P	0.7
5	☐	250.000	254.044	523198.04	0.9590	P	1.0
6	☐	500.000	493.688	994728.46	1.8635	P	1.5
7	☐	1000.000	1000.659	2168748.41	3.7770	A	1.1
8	☐			15945.22	0.0285	P	1.6

$$y = 0.0038 * x + 1.0167E-004$$

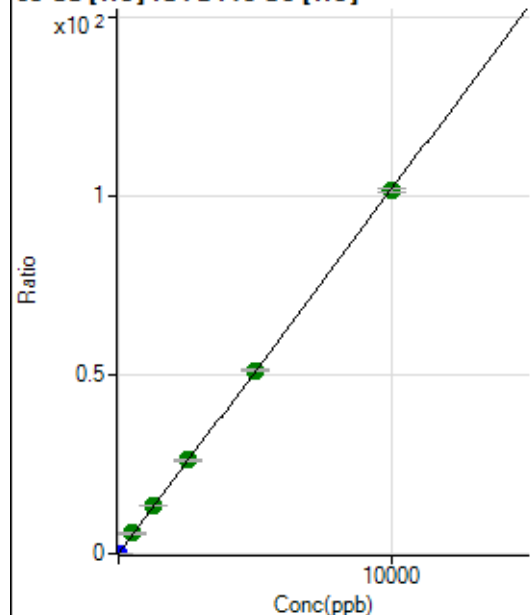
$$R = 0.9999$$

$$DL = 0.01759$$

$$BEC = 0.02694$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	883.37	0.0016	P	7.5
2	☐	2.000	2.117	12714.40	0.0232	P	2.6
3	☐	500.000	556.010	3044547.77	5.6765	A	1.1
4	☐	1250.000	1341.137	7331548.71	13.6899	A	0.5
5	☐	2500.000	2565.211	14285763.12	26.1834	A	0.9
6	☐	5000.000	5031.879	27417511.81	51.3595	A	1.1
7	☐	10000.000	9953.565	58332323.58	101.5927	A	0.9
8	☐			30989.94	0.0554	P	1.0

$$y = 0.0102 * x + 0.0016$$

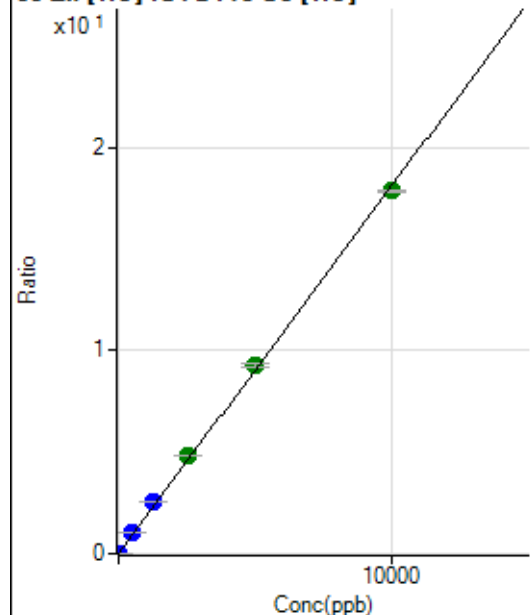
$$R = 0.9999$$

$$DL = 0.03549$$

$$BEC = 0.1586$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	548.90	0.0010	P	10.2
2	☐	2.000	2.479	3007.00	0.0055	P	2.3
3	☐	500.000	580.240	563737.71	1.0511	P	1.1
4	☐	1250.000	1409.078	1366200.99	2.5511	P	0.5
5	☐	2500.000	2654.134	2621321.82	4.8043	A	0.1
6	☐	5000.000	5132.832	4959161.87	9.2901	A	1.6
7	☐	10000.000	9871.154	10257913.46	17.8653	A	0.8
8	☐			15895.26	0.0284	P	0.9

$$y = 0.0018 * x + 0.0010$$

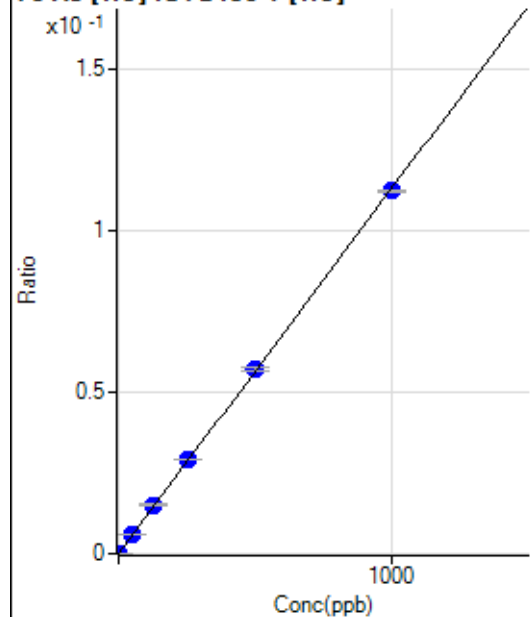
$$R = 0.9997$$

$$DL = 0.1695$$

$$BEC = 0.5561$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	16.05	0.0000	P	33.2
2	☐	1.000	1.055	608.66	0.0001	P	2.9
3	☐	50.000	54.379	30165.16	0.0061	P	2.7
4	☐	125.000	133.708	73801.12	0.0151	P	1.3
5	☐	250.000	259.150	144312.64	0.0293	P	0.3
6	☐	500.000	504.760	277440.06	0.0570	P	2.1
7	☐	1000.000	994.025	578775.48	0.1123	P	0.3
8	☐			256.79	0.0001	P	5.8

$$y = 1.1299E-004 * x + 3.2265E-006$$

$$R = 0.9999$$

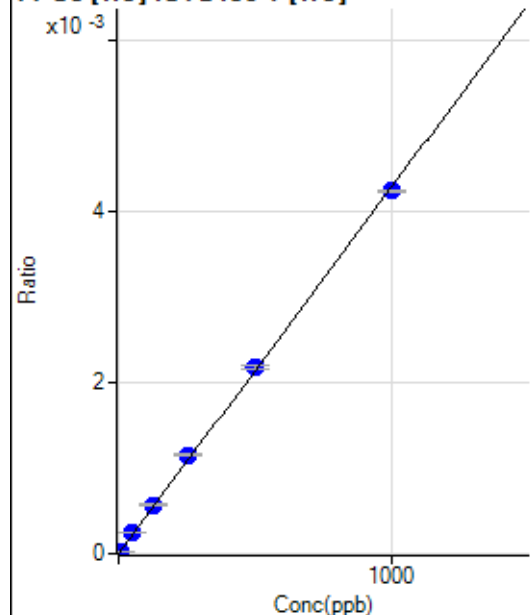
$$DL = 0.02844$$

$$BEC = 0.02856$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	5.057	107.78	0.0000	P	17.9
3	☐	50.000	56.191	1181.17	0.0002	P	2.3
4	☐	125.000	131.743	2755.84	0.0006	P	4.4
5	☐	250.000	269.172	5682.25	0.0012	P	1.7
6	☐	500.000	507.828	10582.77	0.0022	P	1.6
7	☐	1000.000	990.140	21856.27	0.0042	P	0.4
8	☐			7.78	0.0000	P	89.5

$$y = 4.2836\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9997$$

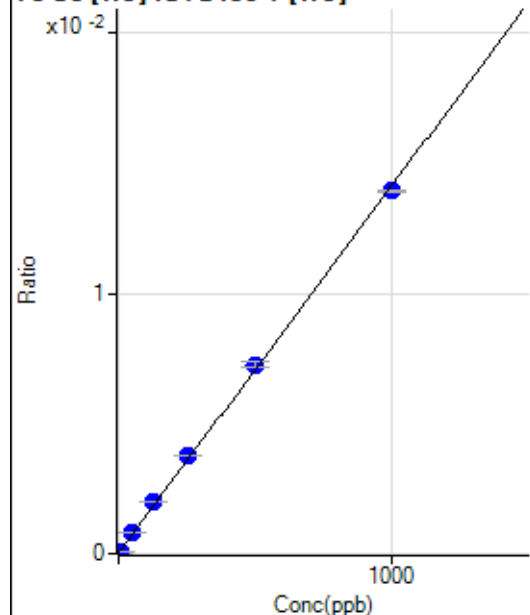
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	105.56	0.0000	P	15.5
2	☐	5.000	5.487	490.13	0.0001	P	6.6
3	☐	50.000	57.537	4088.24	0.0008	P	1.5
4	☐	125.000	140.106	9758.19	0.0020	P	1.4
5	☐	250.000	266.520	18634.61	0.0038	P	0.7
6	☐	500.000	513.628	35348.33	0.0073	P	2.9
7	☐	1000.000	986.789	71845.34	0.0139	P	0.8
8	☐			131.48	0.0000	P	14.1

$$y = 1.4108\text{E-}005 * x + 2.1226\text{E-}005$$

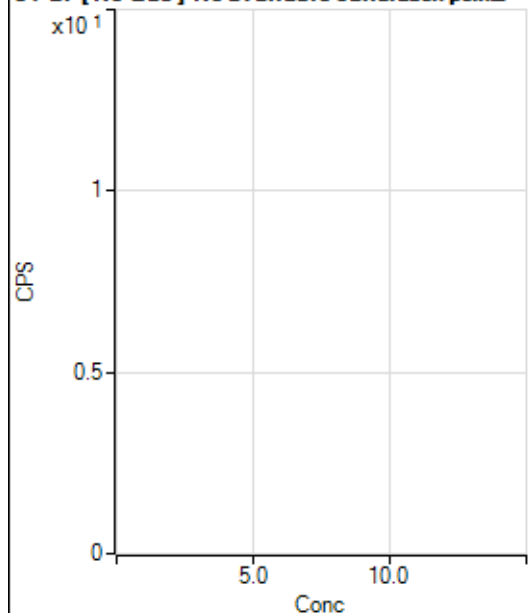
$$R = 0.9997$$

$$DL = 0.6985$$

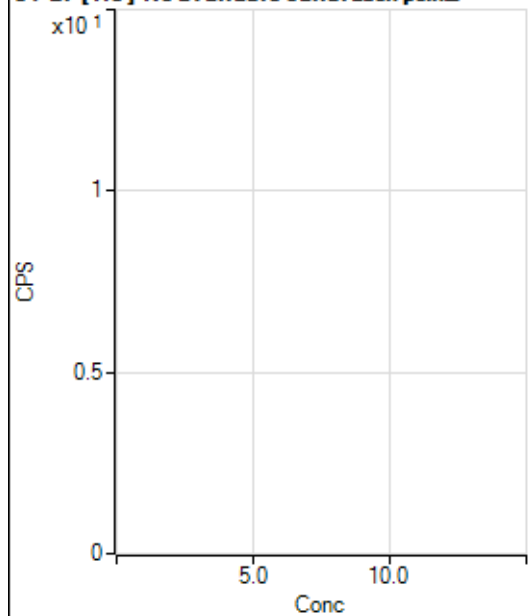
$$BEC = 1.505$$

Weight: <None>

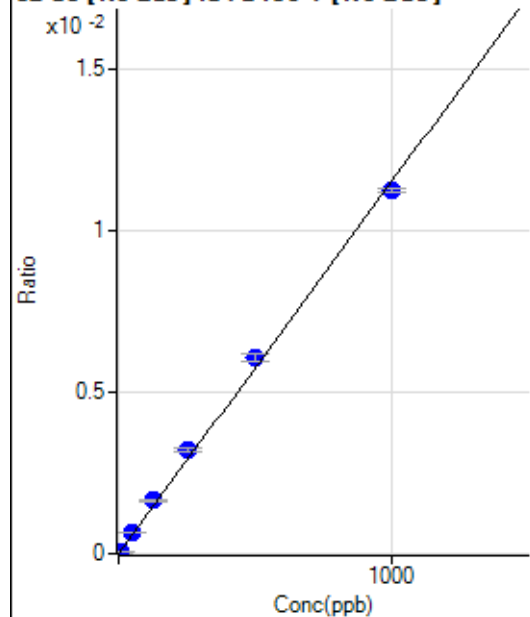
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			7165.83		P	4.1
2	☐			7499.31		P	2.4
3	☐			7279.79		P	2.2
4	☐			7574.40		P	1.5
5	☐			7163.06		P	3.1
6	☐			6968.48		P	1.2
7	☐			7907.87		P	2.0
8	☐			7160.27		P	3.7

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			66.73		P	37.7
2	☐			43.38		P	26.6
3	☐			53.39		P	10.8
4	☐			70.07		P	24.7
5	☐			43.38		P	35.3
6	☐			56.72		P	36.7
7	☐			86.75		P	13.3
8	☐			90.09		P	40.1

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	-137.76	0.0000	P	-145.
2	☐	5.000	4.957	1082.49	0.0001	P	15.5
3	☐	50.000	56.787	13509.84	0.0006	P	2.4
4	☐	125.000	143.445	34106.06	0.0016	P	3.0
5	☐	250.000	279.210	65894.79	0.0032	P	5.5
6	☐	500.000	528.497	124926.24	0.0061	P	3.7
7	☐	1000.000	975.804	245038.54	0.0112	P	1.2
8	☐			-242.97	0.0000	P	-21.1

$$y = 1.1506\text{E-}005 * x - 6.5411\text{E-}006$$

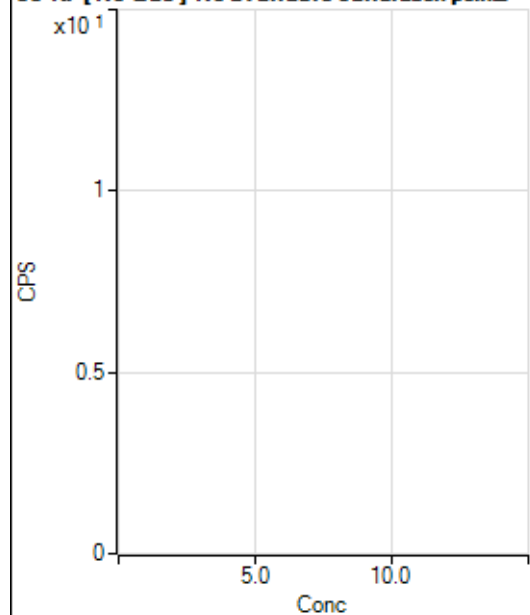
$$R = 0.9988$$

$$DL = 2.487$$

$$BEC = -0.5685$$

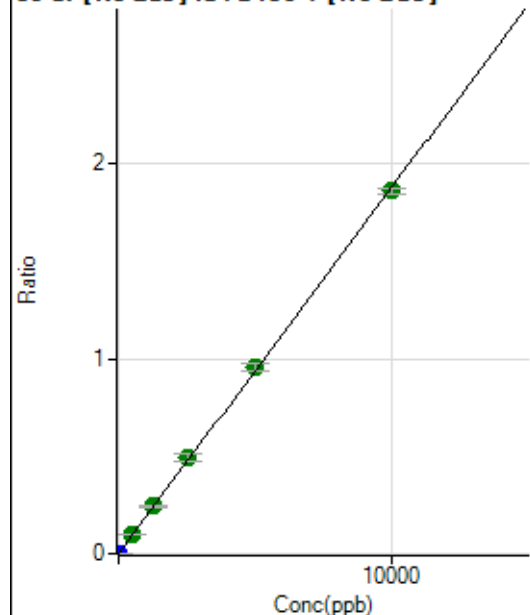
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			5740.06		P	3.4
2	☐			5943.47		P	1.4
3	☐			5805.65		P	0.5
4	☐			5552.21		P	4.5
5	☐			5864.55		P	2.7
6	☐			5537.76		P	2.5
7	☐			5875.67		P	1.5
8	☐			5726.72		P	1.7

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	9164.17	0.0004	P	3.1
2	☐	1.000	1.040	13453.66	0.0006	P	1.0
3	☐	500.000	521.478	2051978.62	0.0983	A	2.0
4	☐	1250.000	1303.874	5082430.76	0.2450	A	3.6
5	☐	2500.000	2624.870	10123741.02	0.4928	A	7.5
6	☐	5000.000	5093.860	19659384.64	0.9560	A	3.8
7	☐	10000.000	9914.044	40619674.17	1.8602	A	1.3
8	☐			38024.87	0.0019	P	3.2

$$y = 1.8759E-004 * x + 4.3228E-004$$

$$R = 0.9998$$

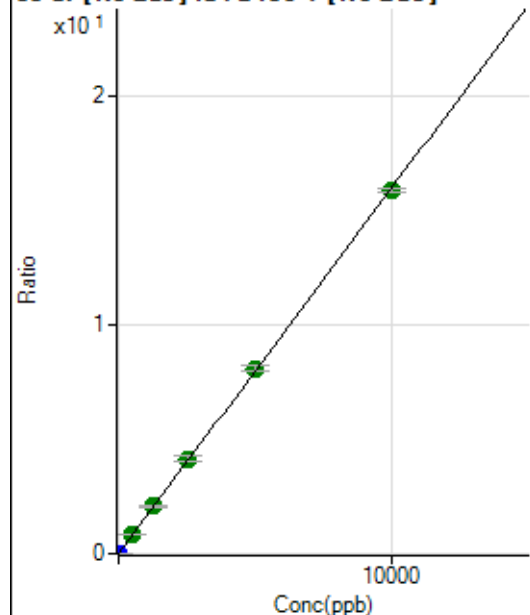
$$DL = 0.2116$$

$$BEC = 2.304$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	458.35	0.0000	P	14.6
2	☐	1.000	0.960	33402.51	0.0016	P	1.0
3	☐	500.000	509.355	17019322.78	0.8149	A	1.2
4	☐	1250.000	1295.942	43005486.73	2.0733	A	3.7
5	☐	2500.000	2603.802	85611981.78	4.1657	A	5.8
6	☐	5000.000	5078.333	167124485.68	8.1245	A	2.8
7	☐	10000.000	9928.673	346850829.98	15.8842	A	1.2
8	☐			250891.44	0.0128	P	0.3

$$y = 0.0016 * x + 2.1637E-005$$

$$R = 0.9999$$

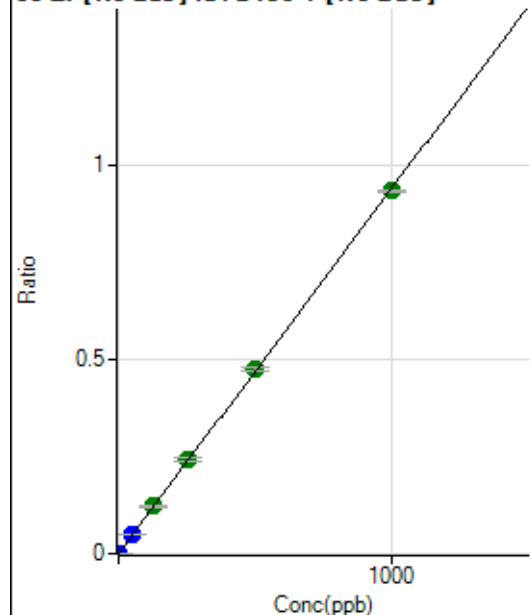
$$DL = 0.005923$$

$$BEC = 0.01352$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	833.38	0.0000	P	6.1
2	☐	1.000	0.949	19958.48	0.0009	P	3.5
3	☐	50.000	52.239	1025540.95	0.0491	P	2.0
4	☐	125.000	129.463	2524153.96	0.1216	A	2.3
5	☐	250.000	259.128	5004133.32	0.2434	A	5.2
6	☐	500.000	505.519	9767962.98	0.4749	A	2.7
7	☐	1000.000	994.288	20396604.45	0.9340	A	0.8
8	☐			12091.46	0.0006	P	4.8

$$y = 9.3934\text{E-}004 * x + 3.9311\text{E-}005$$

$$R = 0.9999$$

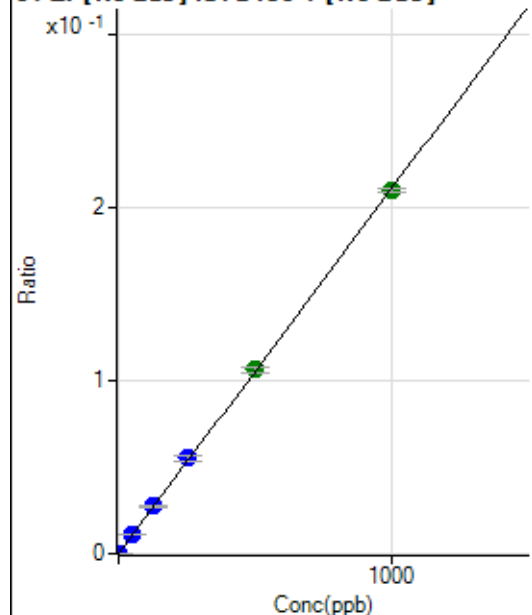
$$DL = 0.007716$$

$$BEC = 0.04185$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	188.90	0.0000	P	18.5
2	☐	1.000	0.920	4353.54	0.0002	P	4.9
3	☐	50.000	52.064	229476.43	0.0110	P	2.1
4	☐	125.000	129.339	566144.00	0.0273	P	2.3
5	☐	250.000	262.360	1137434.10	0.0553	P	5.5
6	☐	500.000	504.229	2187371.12	0.1063	A	2.9
7	☐	1000.000	994.150	4578616.25	0.2097	A	0.9
8	☐			2825.35	0.0001	P	4.1

$$y = 2.1089\text{E-}004 * x + 8.9119\text{E-}006$$

$$R = 0.9999$$

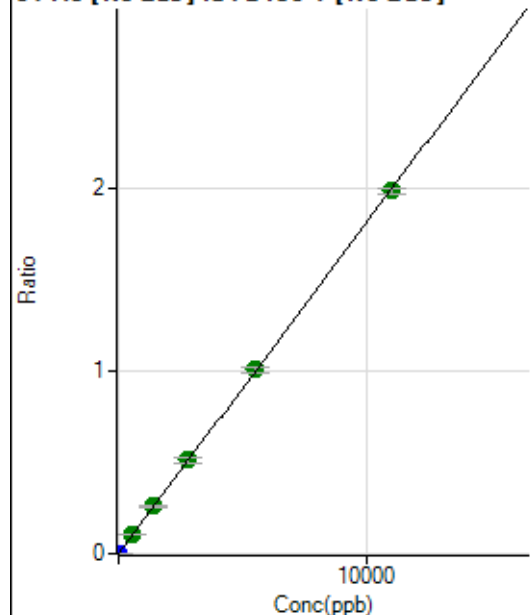
$$DL = 0.02344$$

$$BEC = 0.04226$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	316.68	0.0000	P	6.4
2	☐	5.000	5.719	22595.66	0.0011	P	0.6
3	☐	550.000	565.232	2143636.01	0.1027	A	2.8
4	☐	1375.000	1428.836	5383245.13	0.2595	A	3.0
5	☐	2750.000	2823.721	10541181.22	0.5128	A	4.9
6	☐	5500.000	5550.366	20729677.89	1.0079	A	3.3
7	☐	11000.000	10948.895	43419964.17	1.9882	A	1.8
8	☐			16910.19	0.0009	P	6.7

$$y = 1.8159E-004 * x + 1.4933E-005$$

$$R = 1.0000$$

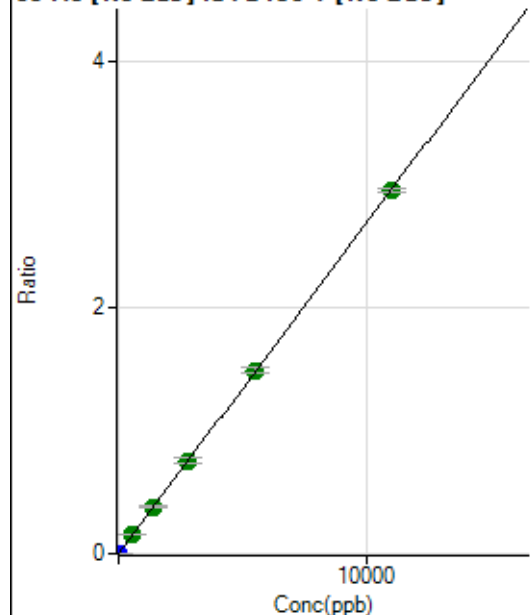
$$DL = 0.01588$$

$$BEC = 0.08224$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	52.78	0.0000	P	48.2
2	☐	5.000	4.687	27045.13	0.0013	P	2.9
3	☐	550.000	563.893	3162088.01	0.1514	A	2.3
4	☐	1375.000	1422.313	7923153.39	0.3819	A	3.1
5	☐	2750.000	2802.137	15466288.71	0.7525	A	5.3
6	☐	5500.000	5537.980	30585440.27	1.4871	A	3.3
7	☐	11000.000	10961.367	64275386.16	2.9434	A	1.1
8	☐			22915.70	0.0012	P	6.0

$$y = 2.6853E-004 * x + 2.4917E-006$$

$$R = 1.0000$$

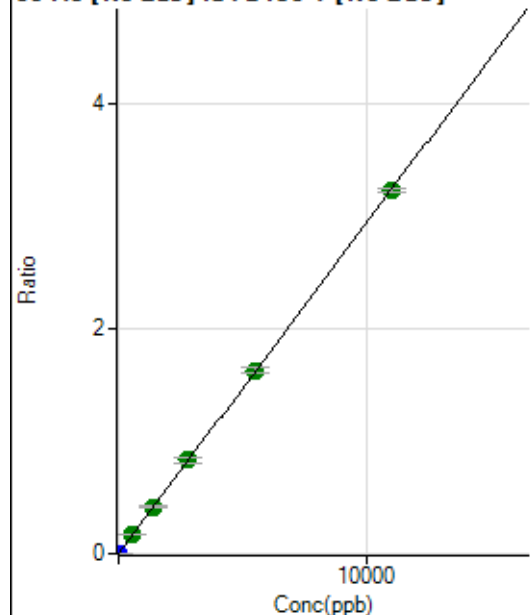
$$DL = 0.01342$$

$$BEC = 0.009279$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	230.56	0.0000	P	29.1
2	☐	5.000	4.835	30730.08	0.0014	P	2.3
3	☐	550.000	563.806	3463118.18	0.1658	A	1.8
4	☐	1375.000	1416.723	8643913.73	0.4167	A	3.1
5	☐	2750.000	2821.627	17056460.28	0.8299	A	5.5
6	☐	5500.000	5540.436	33513853.18	1.6295	A	3.1
7	☐	11000.000	10955.970	70361598.10	3.2222	A	1.0
8	☐			25979.33	0.0013	P	3.6

$$y = 2.9410E-004 * x + 1.0869E-005$$

$$R = 1.0000$$

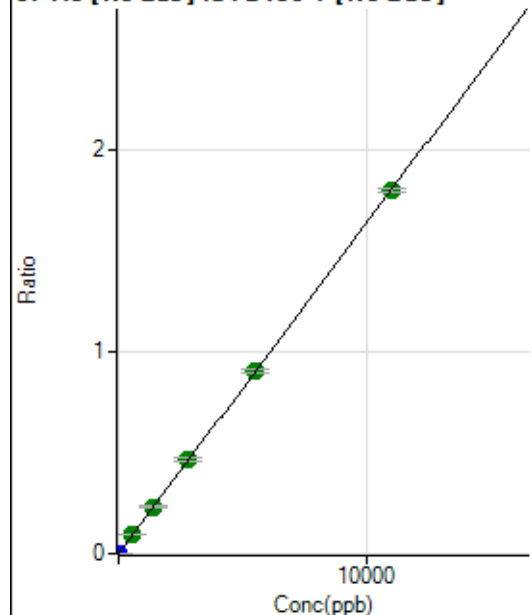
$$DL = 0.03223$$

$$BEC = 0.03696$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	44.44	0.0000	P	42.7
2	☐	5.000	4.638	16381.79	0.0008	P	2.1
3	☐	550.000	562.196	1928143.14	0.0923	A	2.0
4	☐	1375.000	1418.510	4832815.21	0.2330	A	3.1
5	☐	2750.000	2832.079	9561403.86	0.4651	A	4.8
6	☐	5500.000	5519.474	18643775.07	0.9065	A	3.0
7	☐	11000.000	10963.695	39318434.91	1.8005	A	0.9
8	☐			13036.74	0.0007	P	5.4

$$y = 1.6423E-004 * x + 2.0928E-006$$

$$R = 1.0000$$

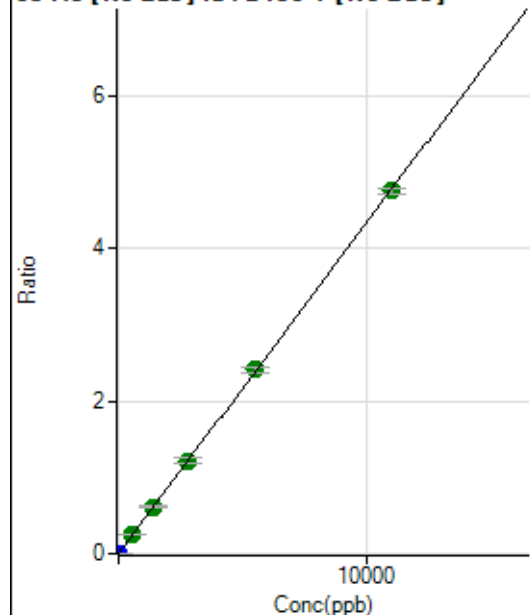
$$DL = 0.01631$$

$$BEC = 0.01274$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	105.56	0.0000	P	27.8
2	☐	5.000	4.759	44351.34	0.0021	P	1.2
3	☐	550.000	562.457	5091083.62	0.2438	A	2.2
4	☐	1375.000	1417.284	12741652.28	0.6143	A	3.9
5	☐	2750.000	2812.907	25062845.35	1.2192	A	4.9
6	☐	5500.000	5548.789	49462418.47	2.4051	A	3.5
7	☐	11000.000	10953.970	103677208.57	4.7479	A	1.3
8	☐			34288.42	0.0017	P	5.9

$$y = 4.3344\text{E-}004 * x + 4.9808\text{E-}006$$

$$R = 1.0000$$

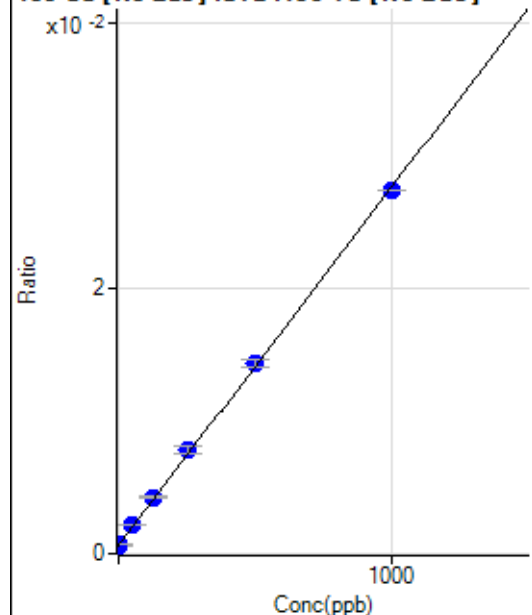
$$DL = 0.00957$$

$$BEC = 0.01149$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	8927.87	0.0006	P	0.6
2	☐	1.000	2.468	10045.26	0.0007	P	4.5
3	☐	50.000	56.546	30610.16	0.0021	P	0.3
4	☐	125.000	134.357	60956.77	0.0042	P	2.4
5	☐	250.000	266.131	111138.67	0.0078	P	7.1
6	☐	500.000	508.443	204878.47	0.0143	P	3.8
7	☐	1000.000	990.247	397217.63	0.0273	P	0.1
8	☐			9305.86	0.0007	P	3.0

$$y = 2.6944\text{E-}005 * x + 6.2348\text{E-}004$$

$$R = 0.9998$$

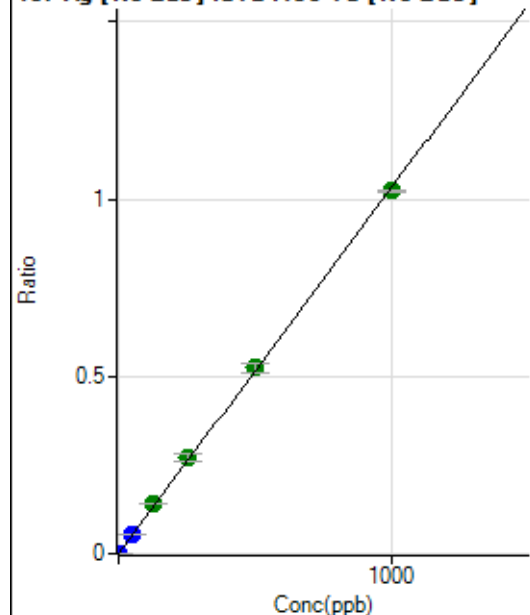
$$DL = 0.4207$$

$$BEC = 23.14$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	316.67	0.0000	P	24.8
2	☐	1.000	0.975	14984.26	0.0010	P	4.1
3	☐	50.000	54.918	808534.65	0.0567	P	0.6
4	☐	125.000	135.367	2007833.03	0.1398	A	1.7
5	☐	250.000	262.678	3867820.70	0.2712	A	6.4
6	☐	500.000	507.908	7497701.30	0.5243	A	5.1
7	☐	1000.000	991.335	14887362.49	1.0234	A	0.4
8	☐			4988.42	0.0004	P	7.4

$$y = 0.0010 * x + 2.2154E-005$$

$$R = 0.9998$$

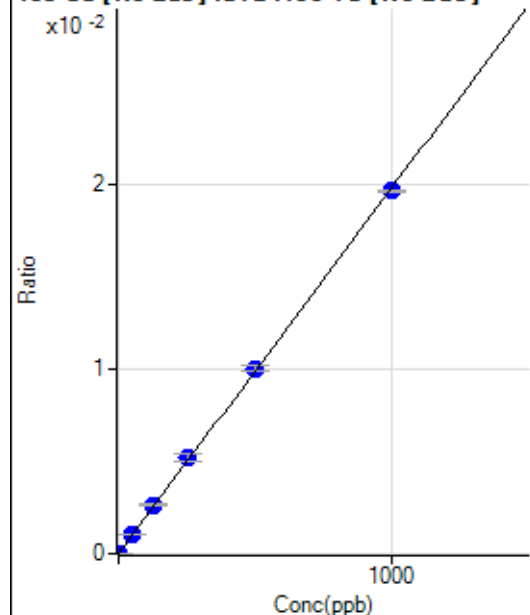
$$DL = 0.01597$$

$$BEC = 0.02146$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	86.11	0.0000	P	6.7
2	☐	1.000	0.985	370.84	0.0000	P	8.3
3	☐	50.000	53.949	15299.92	0.0011	P	3.4
4	☐	125.000	133.834	38101.53	0.0027	P	3.6
5	☐	250.000	262.252	74042.38	0.0052	P	7.5
6	☐	500.000	505.388	143100.80	0.0100	P	3.2
7	☐	1000.000	992.942	285804.57	0.0196	P	0.5
8	☐			193.06	0.0000	P	11.6

$$y = 1.9780E-005 * x + 6.0120E-006$$

$$R = 0.9999$$

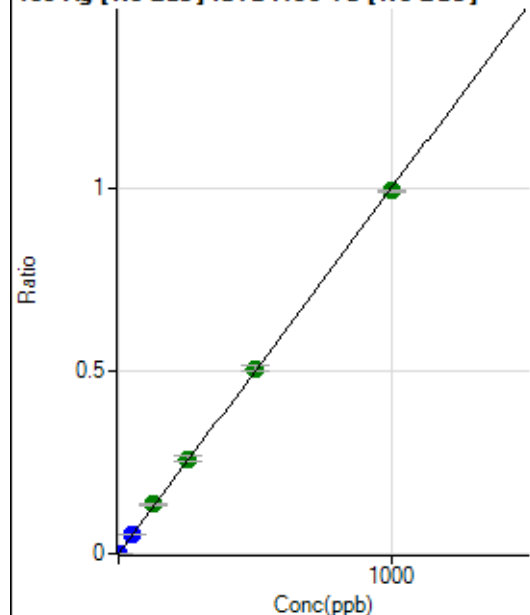
$$DL = 0.0614$$

$$BEC = 0.3039$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	156.95	0.0000	P	19.6
2	☐	1.000	0.983	14454.55	0.0010	P	6.9
3	☐	50.000	55.000	783671.86	0.0550	P	0.3
4	☐	125.000	134.656	1932613.48	0.1346	A	3.0
5	☐	250.000	259.360	3695461.54	0.2592	A	7.1
6	☐	500.000	507.532	7254908.23	0.5071	A	3.4
7	☐	1000.000	992.437	14426242.16	0.9917	A	0.2
8	☐			4912.00	0.0004	P	5.8

$$y = 9.9921\text{E-}004 * x + 1.0974\text{E-}005$$

$$R = 0.9999$$

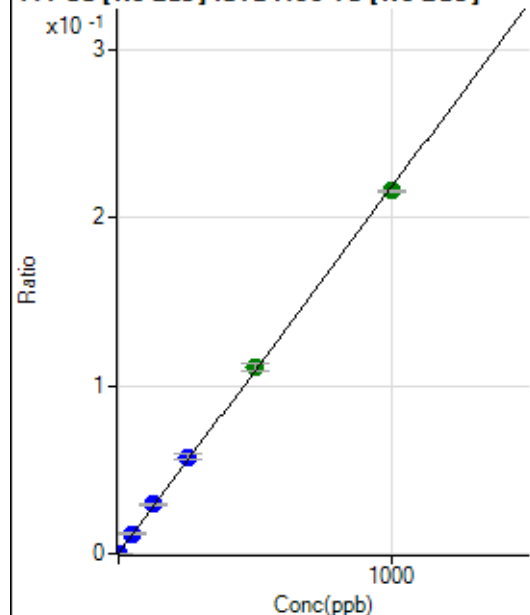
$$DL = 0.006446$$

$$BEC = 0.01098$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1769.74	0.0001	P	1.4
2	☐	1.000	1.042	5109.62	0.0004	P	3.8
3	☐	50.000	54.540	171429.26	0.0120	P	1.3
4	☐	125.000	134.312	422695.84	0.0294	P	3.0
5	☐	250.000	264.194	823875.07	0.0578	P	6.7
6	☐	500.000	510.079	1593830.34	0.1114	A	3.9
7	☐	1000.000	990.021	3144378.38	0.2161	A	0.3
8	☐			2542.73	0.0002	P	3.3

$$y = 2.1820\text{E-}004 * x + 1.2360\text{E-}004$$

$$R = 0.9998$$

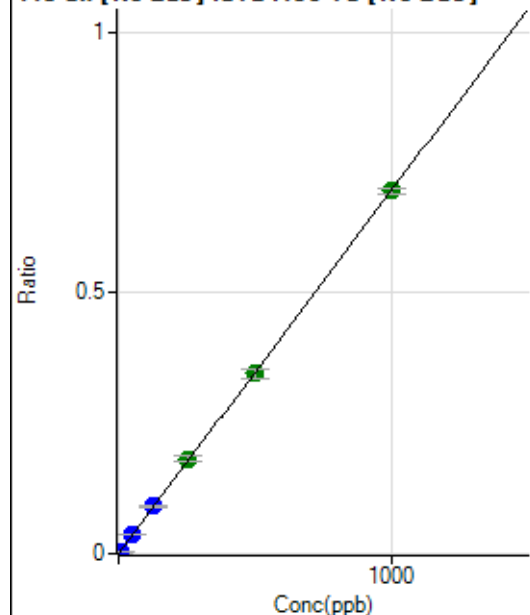
$$DL = 0.02377$$

$$BEC = 0.5664$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1752.93	0.0001	P	6.6
2	☐	5.000	4.895	51445.79	0.0035	P	1.5
3	☐	50.000	52.459	522647.32	0.0367	P	1.5
4	☐	125.000	130.741	1309426.46	0.0912	P	3.5
5	☐	250.000	260.467	2589659.99	0.1815	A	5.9
6	☐	500.000	495.769	4939746.03	0.3454	A	5.0
7	☐	1000.000	998.659	10120174.97	0.6957	A	1.9
8	☐			8341.50	0.0006	P	4.1

$$y = 6.9647E-004 * x + 1.2247E-004$$

$$R = 0.9999$$

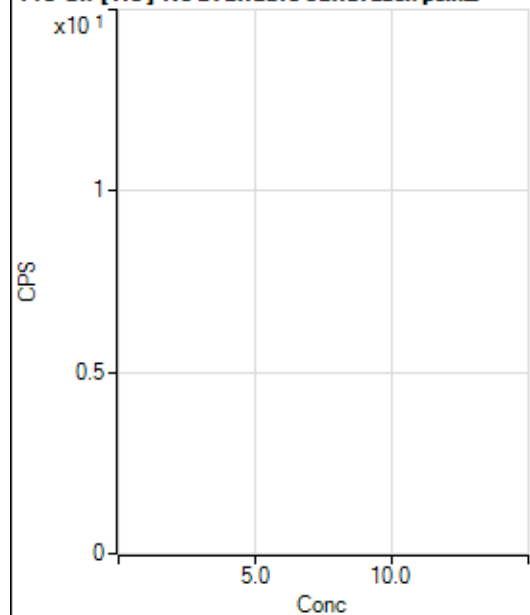
$$DL = 0.03489$$

$$BEC = 0.1758$$

Weight: <None>

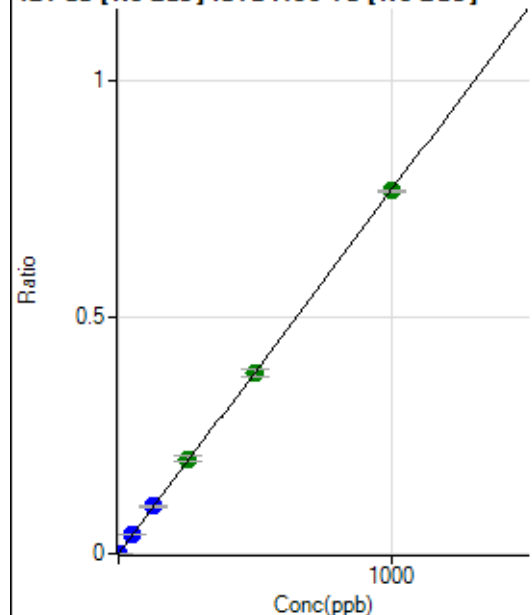
Min Conc: 0

118 Sn [He] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			1075.77		P	61.4
2	☐			20629.19		P	1.8
3	☐			210189.43		P	1.1
4	☐			516052.03		P	0.8
5	☐			1017827.37		P	0.4
6	☐			1980929.37		A	1.6
7	☐			4148565.74		A	1.0
8	☐			3544.08		P	4.2

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	68.06	0.0000	P	15.5
2	☐	2.000	1.909	21452.23	0.0015	P	3.9
3	☐	50.000	52.368	574580.29	0.0403	P	0.1
4	☐	125.000	130.294	1439912.21	0.1003	P	3.5
5	☐	250.000	259.609	2849434.18	0.1998	A	6.3
6	☐	500.000	498.186	5483097.95	0.3834	A	4.2
7	☐	1000.000	997.725	11169031.59	0.7678	A	0.7
8	☐			8534.58	0.0007	P	2.1

$$y = 7.6951\text{E-}004 * x + 4.7529\text{E-}006$$

$$R = 0.9999$$

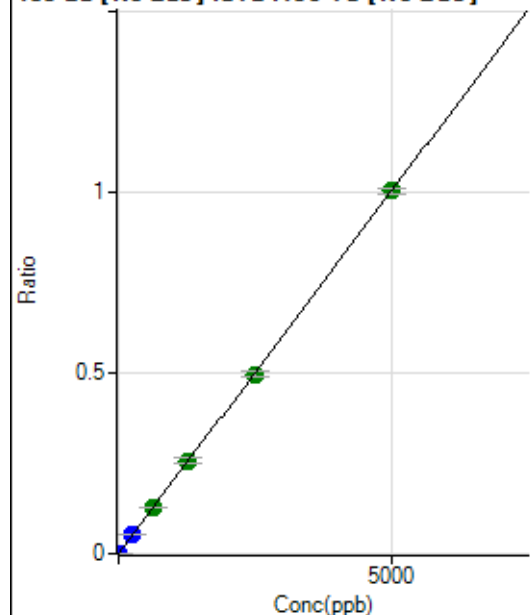
$$DL = 0.002873$$

$$BEC = 0.006177$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	155.56	0.0000	P	24.2
2	☐	10.000	9.267	27201.62	0.0019	P	2.1
3	☐	250.000	256.612	733304.38	0.0514	P	0.2
4	☐	625.000	634.623	1826915.06	0.1272	A	2.6
5	☐	1250.000	1283.930	3668416.23	0.2573	A	7.5
6	☐	2500.000	2477.100	7102116.05	0.4964	A	3.1
7	☐	5000.000	5001.435	14580788.17	1.0023	A	1.4
8	☐			6432.19	0.0005	P	3.9

$$y = 2.0040\text{E-}004 * x + 1.0846\text{E-}005$$

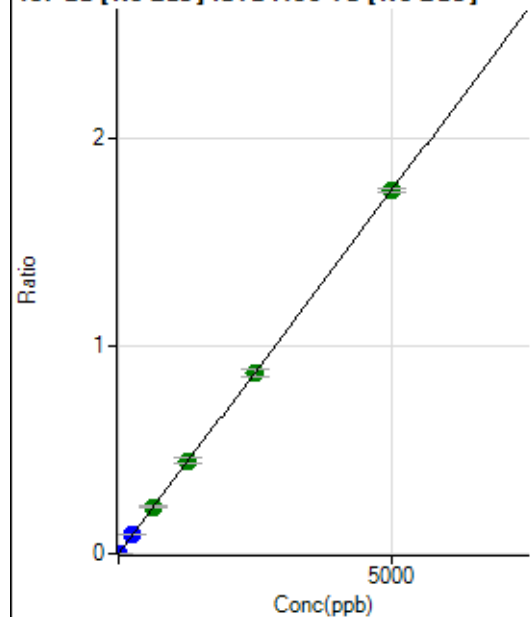
$$R = 1.0000$$

$$DL = 0.0393$$

$$BEC = 0.05412$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	225.01	0.0000	P	39.4
2	☐	10.000	9.199	47028.70	0.0032	P	0.6
3	☐	250.000	256.542	1277654.64	0.0896	P	0.3
4	☐	625.000	642.523	3223038.81	0.2244	A	3.5
5	☐	1250.000	1279.796	6376403.57	0.4470	A	6.0
6	☐	2500.000	2489.915	12440529.53	0.8697	A	3.5
7	☐	5000.000	4995.078	25379900.05	1.7446	A	1.1
8	☐			11099.09	0.0009	P	2.9

$$y = 3.4926E-004 * x + 1.5758E-005$$

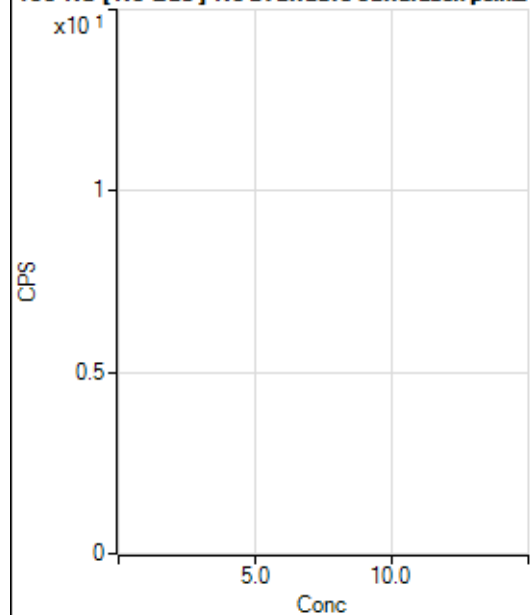
$$R = 1.0000$$

$$DL = 0.05334$$

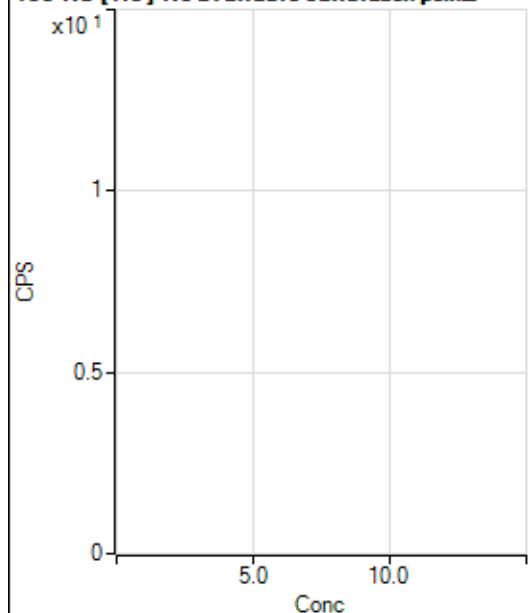
$$BEC = 0.04512$$

Weight: <None>

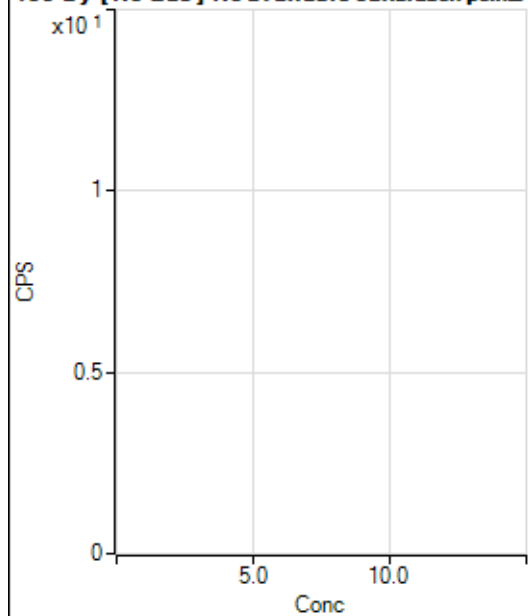
Min Conc: 0

150 Nd [No Gas] No available calibration points

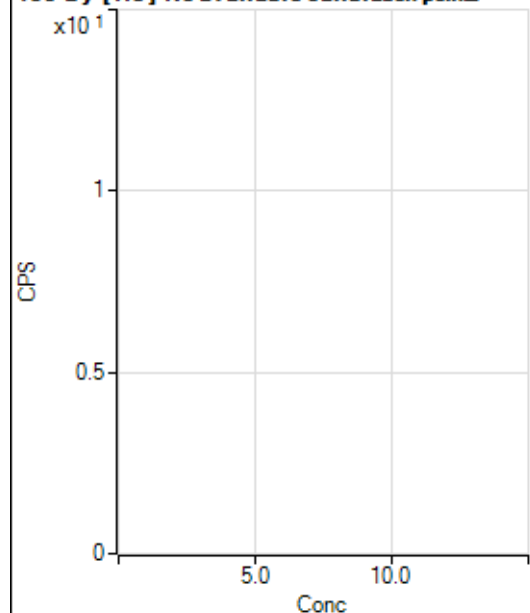
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			2.22		P	173.2
2	☐			8.89		P	114.5
3	☐			64.45		P	26.0
4	☐			173.34		P	26.9
5	☐			333.35		P	13.9
6	☐			633.36		P	2.1
7	☐			1295.65		P	9.8
8	☐			177.78		P	15.6

150 Nd [He] No available calibration points

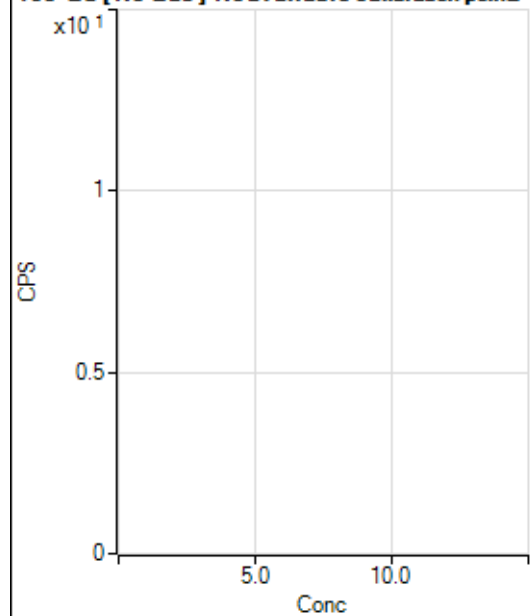
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			3.33		P	100.1
2	☐			3.33		P	173.2
3	☐			15.56		P	12.4
4	☐			33.33		P	36.1
5	☐			63.33		P	19.0
6	☐			100.00		P	6.7
7	☐			243.34		P	15.8
8	☐			76.67		P	38.6

156 Dy [No Gas] No available calibration points

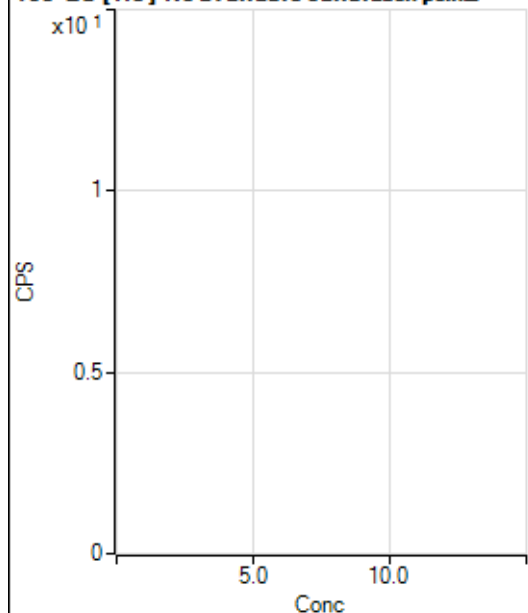
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			36.11		P	35.3
2	☐			16.66		P	86.6
3	☐			77.78		P	37.6
4	☐			125.00		P	34.6
5	☐			194.45		P	23.6
6	☐			400.02		P	10.4
7	☐			850.05		P	5.5
8	☐			2669.78		P	8.2

156 Dy [He] No available calibration points

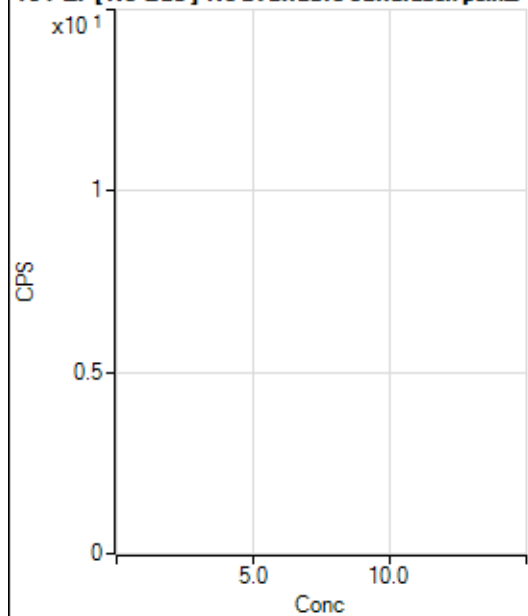
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			11.11		P	17.3
2	☐			12.22		P	83.3
3	☐			38.89		P	34.6
4	☐			88.89		P	8.7
5	☐			222.23		P	3.8
6	☐			382.23		P	5.0
7	☐			797.81		P	8.4
8	☐			1739.02		P	3.3

160 Gd [No Gas] Noavailable calibration poin_

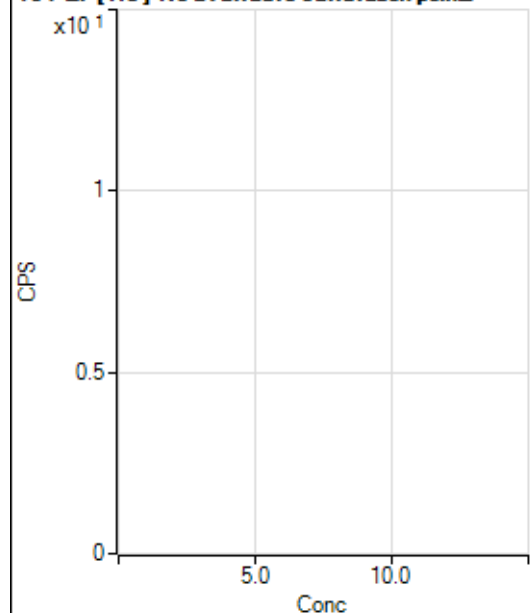
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			72.22		P	17.6
2	☐			50.00		P	44.1
3	☐			66.67		P	37.5
4	☐			133.34		P	38.0
5	☐			186.12		P	6.8
6	☐			291.68		P	15.9
7	☐			566.69		P	12.6
8	☐			2016.87		P	1.8

160 Gd [He] No available calibration points

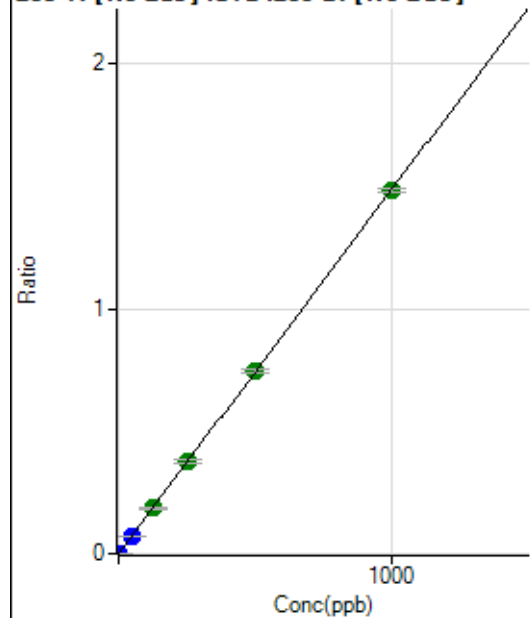
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			227.78		P	6.8
2	☐			207.78		P	21.8
3	☐			236.67		P	12.5
4	☐			260.01		P	18.6
5	☐			320.01		P	9.1
6	☐			433.34		P	5.5
7	☐			621.13		P	0.3
8	☐			1815.69		P	4.6

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			111.12		P	49.9
2	☐			88.89		P	35.5
3	☐			108.34		P	55.5
4	☐			113.89		P	21.1
5	☐			141.67		P	70.6
6	☐			180.56		P	9.6
7	☐			230.56		P	11.0
8	☐			411.13		P	11.2

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			66.67		P	30.4
2	☐			73.33		P	24.1
3	☐			80.00		P	22.0
4	☐			83.33		P	21.2
5	☐			112.23		P	19.3
6	☐			125.56		P	8.1
7	☐			170.00		P	15.6
8	☐			310.01		P	15.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	527.80	0.0000	P	11.5
2	☐	1.000	0.848	14116.00	0.0013	P	2.3
3	☐	50.000	48.064	753230.37	0.0714	P	0.5
4	☐	125.000	125.291	1975045.29	0.1861	A	3.5
5	☐	250.000	254.314	3916843.67	0.3777	A	3.3
6	☐	500.000	503.603	7659298.43	0.7478	A	1.9
7	☐	1000.000	997.180	14358634.17	1.4807	A	1.2
8	☐			2358.61	0.0003	P	16.8

$$y = 0.0015 * x + 4.9195E-005$$

$$R = 1.0000$$

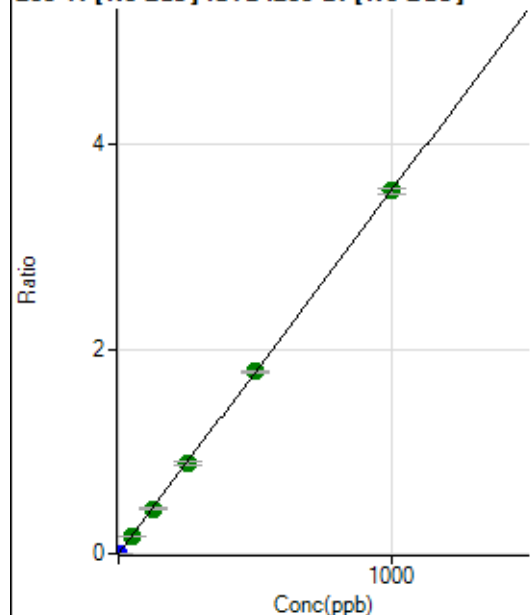
$$DL = 0.01143$$

$$BEC = 0.03313$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1008.40	0.0001	P	7.8
2	☐	1.000	0.878	34622.51	0.0032	P	1.7
3	☐	50.000	49.373	1848806.79	0.1753	A	0.6
4	☐	125.000	124.096	4675480.75	0.4405	A	3.2
5	☐	250.000	249.689	9189418.09	0.8862	A	3.9
6	☐	500.000	501.743	18238026.45	1.7806	A	1.6
7	☐	1000.000	999.351	34390757.36	3.5465	A	1.3
8	☐			6198.82	0.0008	P	10.3

$$y = 0.0035 * x + 9.4096E-005$$

$$R = 1.0000$$

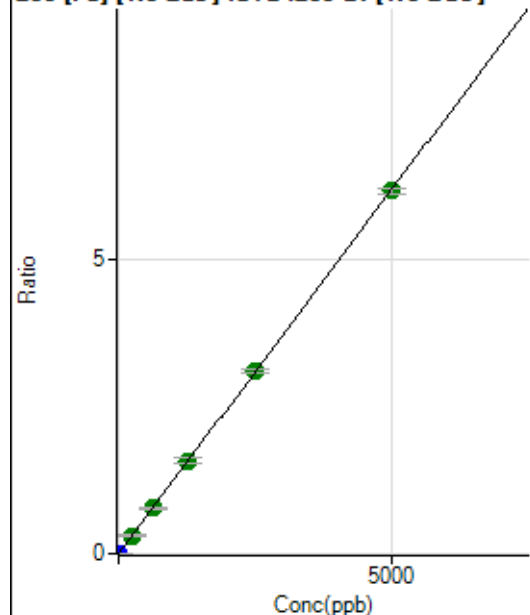
$$DL = 0.006217$$

$$BEC = 0.02652$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	211.12	0.0000	P	14.6
2	☐	1.000	0.890	12101.85	0.0011	P	2.2
3	☐	250.000	250.250	3272216.22	0.3103	A	1.5
4	☐	625.000	623.323	8203419.91	0.7728	A	3.0
5	☐	1250.000	1280.118	16456143.54	1.5871	A	4.5
6	☐	2500.000	2514.109	31924335.90	3.1170	A	2.0
7	☐	5000.000	4985.613	59939327.27	6.1812	A	1.5
8	☐			29487.79	0.0038	P	3.0

$$y = 0.0012 * x + 1.9716E-005$$

$$R = 1.0000$$

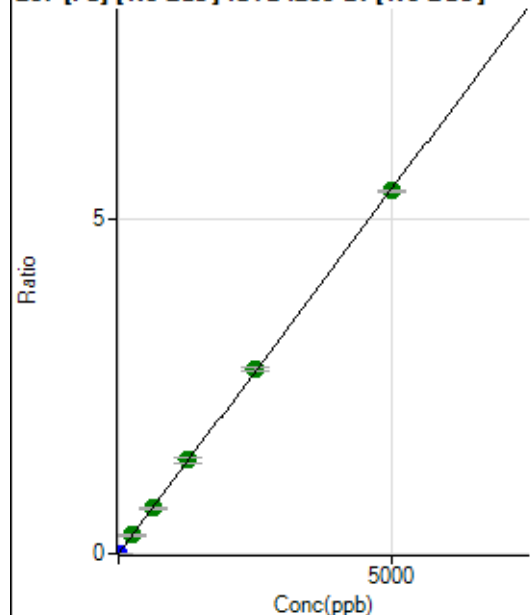
$$DL = 0.006978$$

$$BEC = 0.0159$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	196.30	0.0000	P	37.9
2	☐	1.000	0.830	9918.60	0.0009	P	1.3
3	☐	250.000	252.144	2888577.81	0.2739	A	1.4
4	☐	625.000	624.191	7198078.57	0.6780	A	2.6
5	☐	1250.000	1280.009	14415710.51	1.3904	A	4.7
6	☐	2500.000	2526.533	28109758.96	2.7445	A	1.8
7	☐	5000.000	4979.225	52451678.49	5.4087	A	0.8
8	☐			24671.13	0.0032	P	3.8

$$y = 0.0011 * x + 1.8341E-005$$

$$R = 1.0000$$

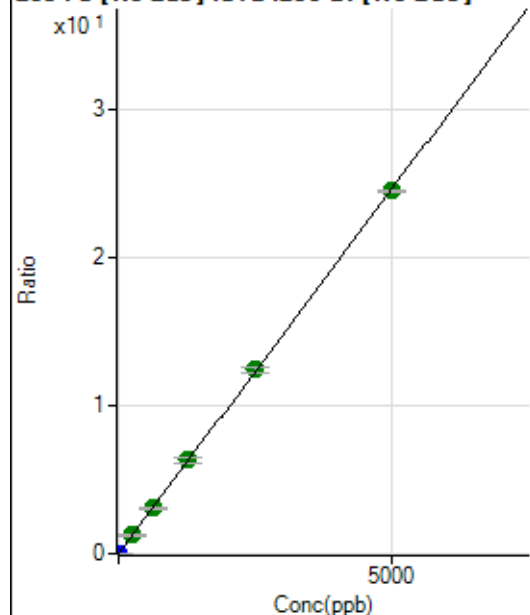
$$DL = 0.01922$$

$$BEC = 0.01688$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	855.58	0.0001	P	5.9
2	☐	1.000	0.857	46398.19	0.0043	P	2.1
3	☐	250.000	250.964	13044992.68	1.2369	A	0.6
4	☐	625.000	625.511	32724141.81	3.0828	A	2.9
5	☐	1250.000	1282.457	65523407.14	6.3205	A	5.1
6	☐	2500.000	2521.606	127277074.14	12.4274	A	2.2
7	☐	5000.000	4980.971	238056243.75	24.5480	A	0.8
8	☐			113710.92	0.0147	P	3.2

$$y = 0.0049 * x + 7.9833E-005$$

$$R = 1.0000$$

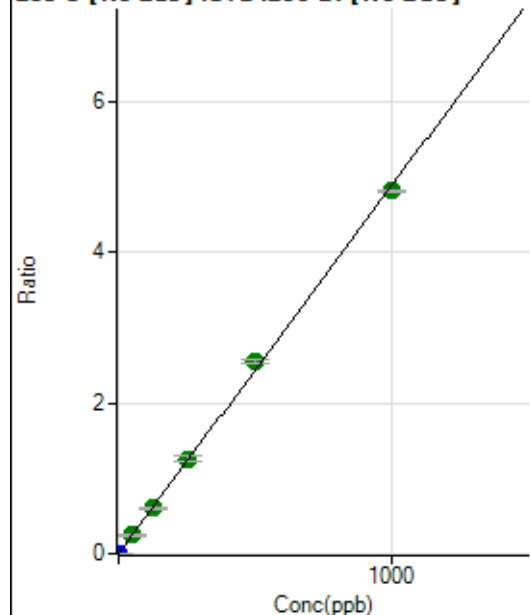
$$DL = 0.002861$$

$$BEC = 0.0162$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	61.11	0.0000	P	40.6
2	☐	1.000	0.819	43121.37	0.0040	P	2.3
3	☐	50.000	49.800	2561983.74	0.2429	A	2.0
4	☐	125.000	125.105	6477060.78	0.6103	A	3.9
5	☐	250.000	257.180	13005482.67	1.2546	A	5.4
6	☐	500.000	523.027	26132051.80	2.5515	A	2.0
7	☐	1000.000	986.689	46681395.49	4.8134	A	0.4
8	☐			5270.69	0.0007	P	5.4

$$y = 0.0049 * x + 5.6801E-006$$

$$R = 0.9996$$

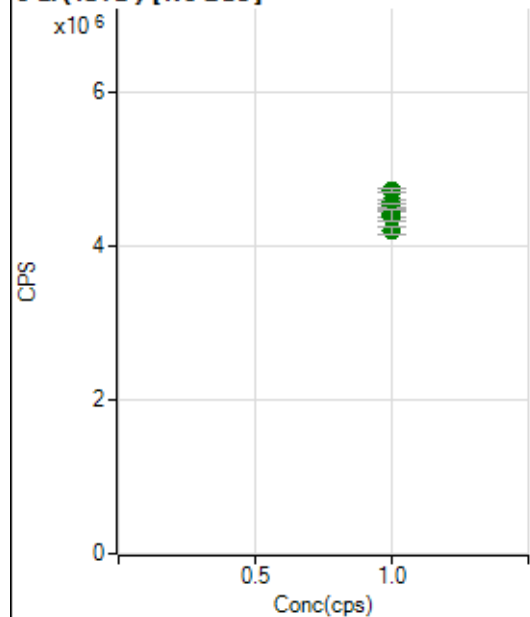
$$DL = 0.001418$$

$$BEC = 0.001164$$

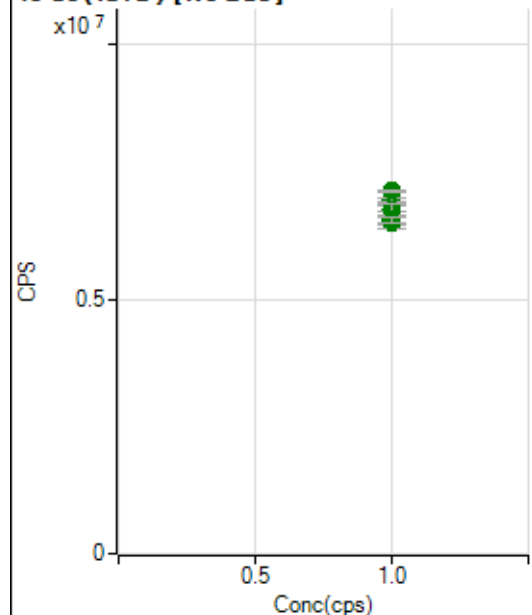
Weight: <None>

Min Conc: 0

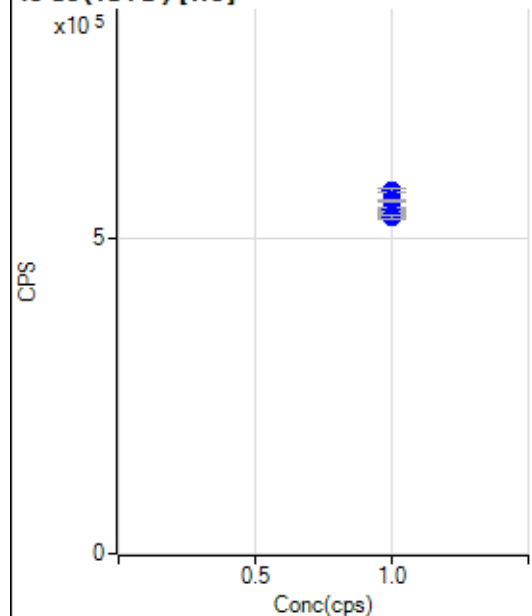
6 Li (ISTD) [No Gas]



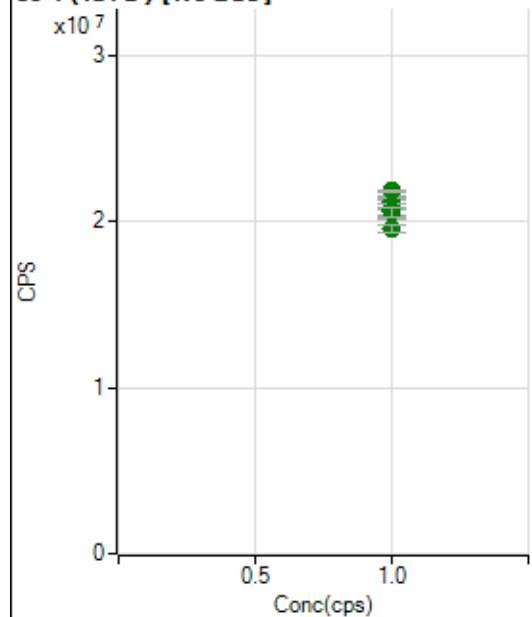
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		4578038.58		A	1.0
2	☐	1.000		4541043.13		A	2.3
3	☐	1.000		4528722.01		A	1.1
4	☐	1.000		4432485.35		A	2.7
5	☐	1.000		4374940.39		A	2.7
6	☐	1.000		4395522.02		A	3.0
7	☐	1.000		4711820.73		A	1.1
8	☐	1.000		4200573.62		A	2.7

45 Sc (ISTD) [No Gas]

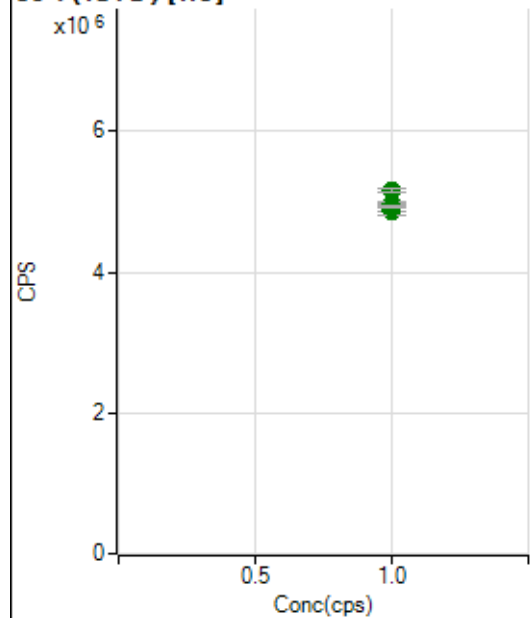
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		6827704.76		A	0.1
2	☐	1.000		6957320.24		A	1.4
3	☐	1.000		6727144.97		A	0.5
4	☐	1.000		6751669.62		A	3.8
5	☐	1.000		6502930.25		A	3.4
6	☐	1.000		6573037.61		A	2.9
7	☐	1.000		7129678.43		A	0.5
8	☐	1.000		6545168.44		A	1.6

45 Sc (ISTD) [He]

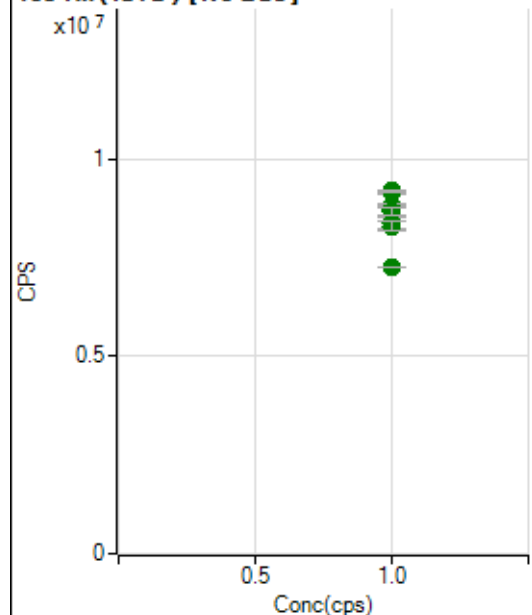
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		545729.07		P	0.9
2	☐	1.000		547353.76		P	0.4
3	☐	1.000		536358.77		P	0.6
4	☐	1.000		535552.34		P	0.8
5	☐	1.000		545621.27		P	0.9
6	☐	1.000		533872.12		P	1.2
7	☐	1.000		574215.35		P	1.2
8	☐	1.000		558909.99		P	0.3

89 Y (ISTD) [No Gas]

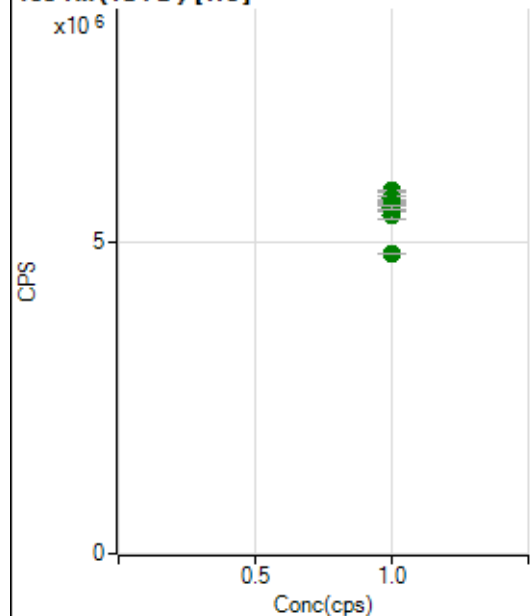
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		21201973.44		A	1.0
2	☐	1.000		21446731.21		A	0.7
3	☐	1.000		20887627.05		A	1.7
4	☐	1.000		20759634.97		A	3.4
5	☐	1.000		20584600.25		A	4.3
6	☐	1.000		20578666.36		A	2.6
7	☐	1.000		21837360.09		A	0.7
8	☐	1.000		19579103.60		A	2.5

89 Y (ISTD) [He]

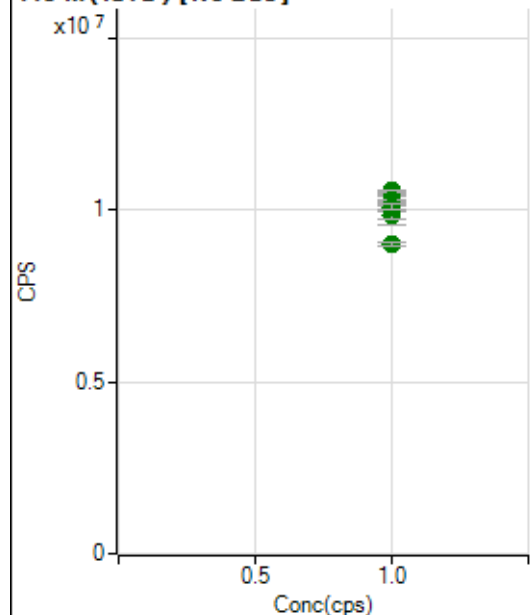
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		4972251.21		A	0.1
2	☐	1.000		4971006.84		A	0.9
3	☐	1.000		4908108.22		A	1.4
4	☐	1.000		4884432.43		A	0.8
5	☐	1.000		4928132.56		A	0.2
6	☐	1.000		4865750.24		A	1.9
7	☐	1.000		5153165.37		A	1.0
8	☐	1.000		4922926.80		A	0.8

103 Rh (ISTD) [No Gas]

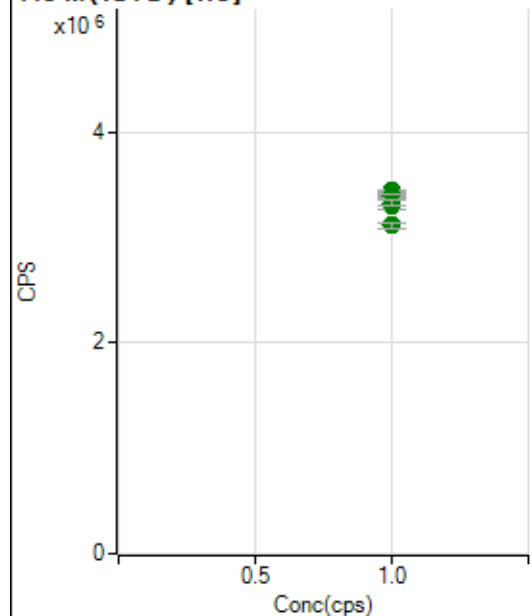
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		9145529.93		A	0.5
2	☐	1.000		9192018.40		A	0.2
3	☐	1.000		8838831.60		A	0.8
4	☐	1.000		8737421.54		A	3.2
5	☐	1.000		8379731.68		A	4.0
6	☐	1.000		8298159.11		A	2.7
7	☐	1.000		8673815.15		A	2.2
8	☐	1.000		7259822.60		A	0.2

103 Rh (ISTD) [He]

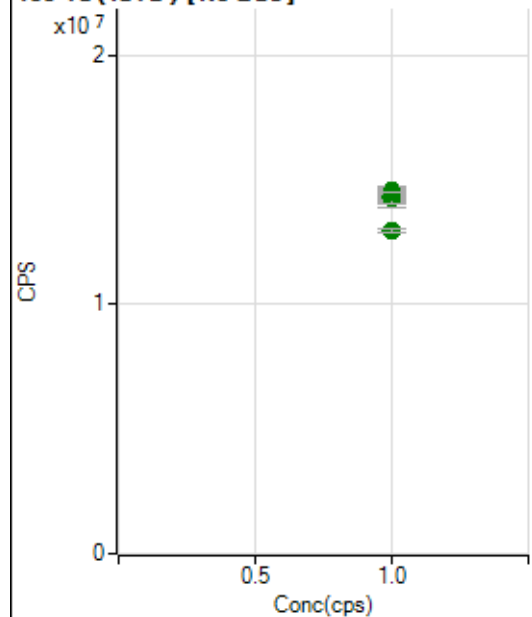
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		5832718.25		A	0.2
2	☐	1.000		5823928.11		A	0.9
3	☐	1.000		5713891.72		A	1.0
4	☐	1.000		5632091.13		A	0.5
5	☐	1.000		5624552.62		A	0.4
6	☐	1.000		5453775.33		A	2.3
7	☐	1.000		5571654.50		A	1.1
8	☐	1.000		4824319.34		A	0.4

115 In (ISTD) [No Gas]

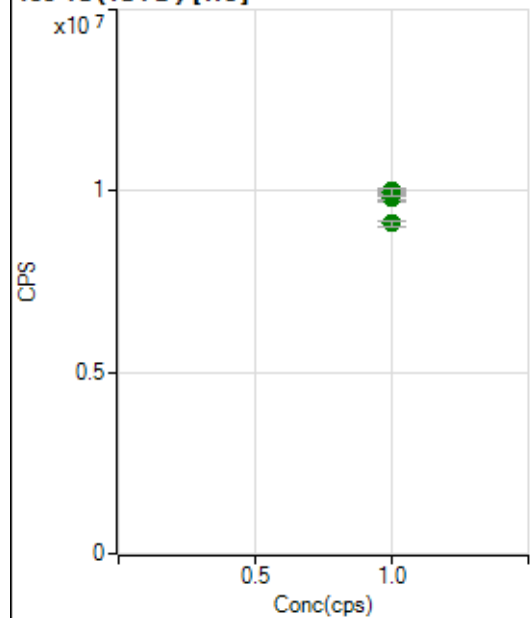
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		10450475.61		A	0.6
2	☐	1.000		10568548.60		A	0.6
3	☐	1.000		10281377.48		A	0.9
4	☐	1.000		10137090.42		A	3.2
5	☐	1.000		9861049.66		A	5.3
6	☐	1.000		9886982.23		A	2.6
7	☐	1.000		10101997.49		A	1.5
8	☐	1.000		9025794.71		A	0.8

115 In (ISTD) [He]

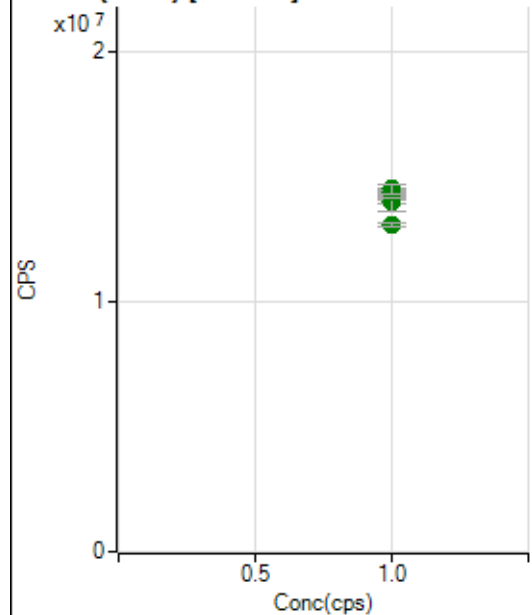
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		3431879.33		A	0.7
2	☐	1.000		3444796.21		A	0.8
3	☐	1.000		3385417.41		A	1.0
4	☐	1.000		3358450.05		A	0.2
5	☐	1.000		3401616.01		A	1.0
6	☐	1.000		3309532.26		A	2.5
7	☐	1.000		3325685.53		A	1.7
8	☐	1.000		3116893.58		A	1.7

159 Tb (ISTD) [No Gas]

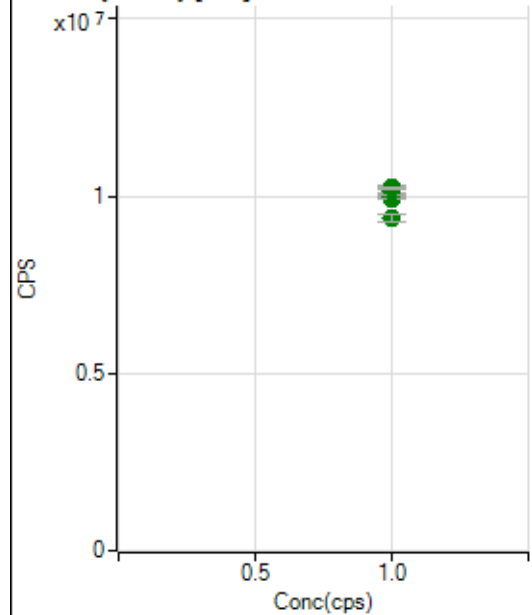
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		14319627.84		A	1.1
2	☐	1.000		14567334.23		A	2.1
3	☐	1.000		14256793.68		A	0.4
4	☐	1.000		14371646.45		A	3.2
5	☐	1.000		14296769.79		A	5.6
6	☐	1.000		14317537.43		A	3.7
7	☐	1.000		14547442.98		A	0.1
8	☐	1.000		12973392.03		A	1.1

159 Tb (ISTD) [He]

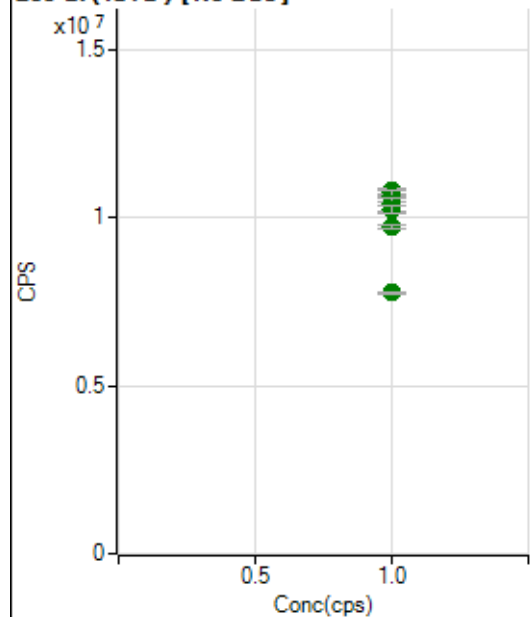
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		9851922.56		A	1.4
2	☐	1.000		9909123.53		A	0.3
3	☐	1.000		9796436.45		A	2.2
4	☐	1.000		9803171.10		A	0.7
5	☐	1.000		10004222.63		A	0.6
6	☐	1.000		9890077.35		A	0.9
7	☐	1.000		9964628.32		A	1.8
8	☐	1.000		9095422.22		A	1.3

165 Ho (ISTD) [No Gas]

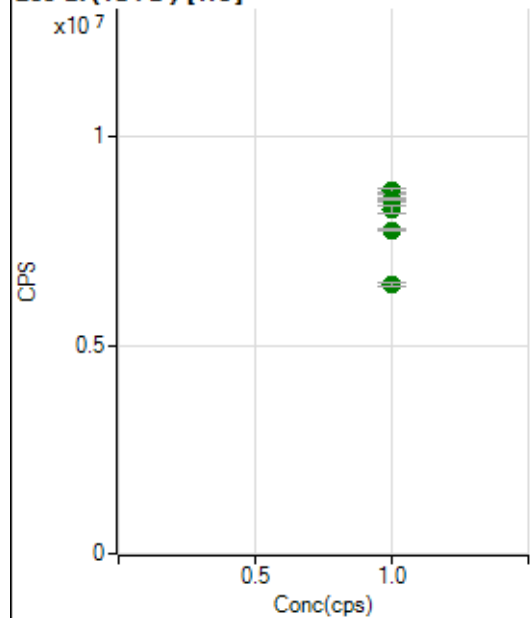
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		14233153.82		A	0.3
2	☐	1.000		14434211.18		A	1.1
3	☐	1.000		14105005.76		A	0.5
4	☐	1.000		14168492.01		A	3.5
5	☐	1.000		13964625.90		A	5.0
6	☐	1.000		14332611.59		A	2.9
7	☐	1.000		14497239.78		A	2.4
8	☐	1.000		13052359.94		A	1.3

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		9999401.17		A	0.1
2	☐	1.000		10176096.17		A	1.5
3	☐	1.000		9946698.39		A	0.6
4	☐	1.000		9970921.10		A	1.4
5	☐	1.000		10136877.07		A	0.8
6	☐	1.000		10146694.57		A	2.7
7	☐	1.000		10234238.39		A	0.5
8	☐	1.000		9382586.18		A	2.3

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		10716813.24		A	1.5
2	☐	1.000		10782495.81		A	1.3
3	☐	1.000		10546862.55		A	1.2
4	☐	1.000		10621806.51		A	3.3
5	☐	1.000		10379312.07		A	3.5
6	☐	1.000		10244637.49		A	2.0
7	☐	1.000		9698162.98		A	1.2
8	☐	1.000		7748897.11		A	0.6

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		8661017.79		A	0.4
2	☐	1.000		8709856.61		A	1.3
3	☐	1.000		8470372.86		A	0.9
4	☐	1.000		8498940.92		A	0.8
5	☐	1.000		8503179.46		A	0.7
6	☐	1.000		8269682.72		A	2.1
7	☐	1.000		7777818.98		A	0.3
8	☐	1.000		6457387.75		A	1.0

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\P7032322MS.b
Acq. Date-Time 2022-03-23 12:18:52
Report Comment ---
Instrument Name G8403A JP14410463

[No Gas]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
9		17966	179656.45			0.500	5.000
24		164522	1645223.32			0.366	5.000
25		20359	203593.94			1.314	5.000
26		22228	222283.14			0.895	5.000
59		32195	321951.29			0.524	5.000
113		17074	170744.42			0.701	5.000
115		47145	471450.68			0.757	5.000
206		28921	289205.95			0.563	5.000
207		24468	244679.53			0.794	5.000
208		58927	589272.54			0.282	5.000
220		0	0.60			108.653	

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

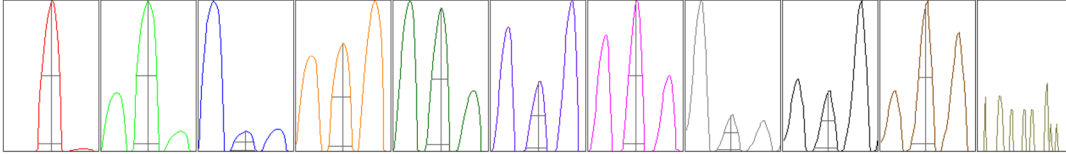
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	18021	18001	18064	17886	17856
24	165000	164826	163620	164976	164190
25	20319	20262	20741	20460	20015
26	22030	22037	22502	22273	22301
59	32070	32001	32169	32361	32375
113	17142	16975	17140	16920	17196
115	46945	47410	47622	46982	46766
206	28879	28957	29183	28811	28772
207	24448	24275	24685	24284	24649
208	59132	58888	59056	58719	58842

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	33551.07	9.05	8.90 - 9.10	
24	277295.39	24.00	23.90 - 24.10	
25	35706.73	25.00	24.90 - 25.10	
26	40266.31	26.00	25.90 - 26.10	
59	64600.74	59.05	58.90 - 59.10	
113	39657.24	113.05	112.90 - 113.10	
115	111081.33	115.05	114.90 - 115.10	
206	64402.70	205.95	205.90 - 206.10	
207	54600.16	206.95	206.90 - 207.10	
208	134270.78	207.95	207.90 - 208.10	
220			-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.57	0.738	0.900	
24	0.63	0.788	0.900	
25	0.59	0.781	0.900	
26	0.58	0.744	0.900	
59	0.52	0.735	0.900	
113	0.44	0.650	0.900	
115	0.43	0.666	0.900	
206	0.45	0.731	0.900	
207	0.44	0.735	0.900	
208	0.43	0.759	0.900	
220				

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode --- Nebulizer Gas 0.81 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	1.80 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	9.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	0.0 V	Omega Lens	6.9 V	Deflect	13.2 V
Extract 2	-75.0 V	Cell Entrance	-30 V	Plate Bias	-35 V
Omega Bias	-42 V	Cell Exit	-50 V		

Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	---	OctP RF	160 V		

QP Parameters

Mass Gain	122	Axis Gain	0.9999	QP Bias	-3.0 V
Mass Offset	125	Axis Offset	0.01		

Hardware Settings

Torch

Torch H	-0.9 mm	Torch V	1.0 mm
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EM

Discriminator	3.1 mV	Analog HV	2168 V	Pulse HV	1459 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		10624	106238.56			0.409	
89		57087	570872.76			0.531	
205		87610	876097.41			0.405	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	10570	10603	10614	10649	10683
89	57148	56576	57281	57089	57342
205	87855	87765	87968	87199	87261

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	---	Nebulizer Gas	0.81 L/min	Dilution Gas	0.40 L/min
RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.80 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	9.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	0.0 V	Omega Lens	8.0 V	Deflect	2.8 V
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US EPA Tune Check Report

Extract 2	-105.0 V	Cell Entrance	-40 V	Plate Bias	-60 V
Omega Bias	-55 V	Cell Exit	-60 V		
Cell Parameters					
Use Gas	Yes	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	3.9 mL/min	OctP Bias	-18.0 V		
H2 Flow	---	OctP RF	200 V		
QP Parameters					
Mass Gain	122	Axis Gain	0.9999	QP Bias	-13.0 V
Mass Offset	125	Axis Offset	0.01		
Hardware Settings					
Torch					
Torch H	-0.9 mm	Torch V	1.0 mm		
EM					
Discriminator	3.1 mV	Analog HV	2168 V	Pulse HV	1459 V

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 12:59:51	DataFile Name :	002CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.02	-0.01	0.00	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.01	-0.01	-0.01	0.00	N/A	ppb
Barium	135-1	0.00	-0.01	0.01	0.00	N/A	ppb
Barium	137-1	0.01	0.01	-0.02	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	-0.07	0.00	0.07	0.00	N/A	ppb
Boron	11-1	0.16	0.07	-0.23	0.00	N/A	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.00	0.01	-0.01	0.00	N/A	ppb
Cadmium	106-1	-0.07	0.16	-0.09	0.00	N/A	ppb
Cadmium	108-1	0.01	-0.02	0.02	0.00	N/A	ppb
Calcium	43-1	5.64	-1.29	-4.35	0.00	N/A	ppb
Calcium	44-1	0.10	-0.18	0.08	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	-0.01	0.01	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	-0.01	0.01	0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	0.01	0.07	-0.08	0.00	N/A	ppb
Iron	57-2	-0.07	-0.02	0.09	0.00	N/A	ppb

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 12:59:51	DataFile Name :	002CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	0.97	-0.02	-0.95	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	207-1	0.00	-0.01	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.03	-0.03	0.06	0.00	N/A	ppb
Manganese	55-2	0.01	-0.01	0.00	0.00	N/A	ppb
Molybdenum	94-1	0.01	0.00	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.01	-0.01	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.01	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.00	0.01	0.00	N/A	ppb
Phosphorus	31-2	-7.92	-2.11	-18.58	-9.54		ppb
Potassium	39-2	-0.63	0.82	-0.18	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	-0.36	0.95	-0.59	0.00	N/A	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.18	-0.26	0.08	0.00	N/A	ppb
Silicon	28-1	0.05	-0.06	0.01	0.00	N/A	ppb
Silver	107-1	0.00	0.00	-0.01	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	-0.04	0.02	0.02	0.00	N/A	ppb
Strontium	86-1	-0.08	0.03	0.05	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	47.14	44.05	78.16	56.45	33.42	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 12:59:51	DataFile Name :	002CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	0.01	0.00	-0.01	0.00	N/A	ppb
Tin	118-2						cps
Titanium	47-1	-0.01	0.02	-0.01	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.03	0.04	-0.06	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	-0.01	0.01	0.00	0.00	N/A	ppb

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 13:05:40	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.57	20.05	19.23	19.95	3.39	ppb
Antimony	121-1	1.84	1.90	1.99	1.91	3.89	ppb
Arsenic	75-2	1.05	1.03	1.09	1.06	2.94	ppb
Barium	135-1	9.09	9.23	9.47	9.27	2.08	ppb
Barium	137-1	9.14	9.20	9.25	9.20	0.59	ppb
Beryllium	9-1	1.02	0.98	1.11	1.03	6.64	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Boron	10-1	19.07	20.55	22.74	20.79	8.89	ppb
Boron	11-1	19.11	20.85	22.58	20.85	8.33	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.99	1.03	1.11	1.04	5.86	ppb
Cadmium	106-1	1.62	1.99	3.80	2.47	47.21	ppb
Cadmium	108-1	0.88	0.97	1.10	0.98	10.91	ppb
Calcium	43-1	429.88	474.12	484.43	462.81	6.26	ppb
Calcium	44-1	490.63	500.04	508.59	499.75	1.80	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.96	1.98	1.91	1.95	1.91	ppb
Cobalt	59-2	1.01	1.02	1.00	1.01	1.35	ppb
Copper	63-2	2.07	2.10	2.18	2.12	2.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	52.50	53.21	53.70	53.14	1.14	ppb
Iron	57-2	56.10	51.25	55.85	54.40	5.02	ppb

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 13:05:40	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	54.08	55.97	53.98	54.68	2.05	ppb
Krypton	83-1						cps
Lead	206-1	0.87	0.89	0.91	0.89	2.26	ppb
Lead	207-1	0.82	0.84	0.83	0.83	1.36	ppb
Lead	208-1	0.84	0.85	0.88	0.86	2.13	ppb
Lithium	6-1				99		%
Magnesium	24-2	467.20	463.23	463.48	464.64	0.48	ppb
Manganese	55-2	1.05	0.98	1.02	1.01	3.15	ppb
Molybdenum	94-1	5.71	5.76	5.69	5.72	0.59	ppb
Molybdenum	95-1	4.53	4.76	4.77	4.69	2.93	ppb
Molybdenum	96-1	4.71	4.86	4.93	4.84	2.29	ppb
Molybdenum	97-1	4.55	4.75	4.61	4.64	2.15	ppb
Molybdenum	98-1	4.81	4.77	4.70	4.76	1.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.02	0.98	1.09	1.03	5.12	ppb
Phosphorus	31-2	5.37	7.10	16.14	9.54	60.68	ppb
Potassium	39-2	479.72	474.60	485.62	479.98	1.15	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	82-1	4.27	4.98	5.62	4.96	13.71	ppb
Selenium	77-2	5.89	4.10	5.18	5.06	17.87	ppb
Selenium	78-2	5.08	5.99	5.39	5.49	8.41	ppb
Silicon	28-1	2.58	2.56	2.90	2.68	6.94	ppb
Silver	107-1	0.93	1.01	0.99	0.98	4.14	ppb
Silver	109-1	0.92	0.97	1.06	0.98	6.98	ppb
Sodium	23-2	453.92	453.98	454.13	454.01	0.02	ppb
Strontium	86-1	1.08	1.03	1.01	1.04	3.27	ppb
Strontium	88-1	0.95	0.95	0.97	0.96	1.04	ppb
Sulfur	34-1	-124.17	-19.54	-25.64	-56.45		ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	0.86	0.86	0.83	0.85	2.34	ppb
Thallium	205-1	0.86	0.89	0.88	0.88	1.72	ppb

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 13:05:40	DataFile Name :	004CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	4.88	4.83	4.98	4.90	1.56	ppb
Tin	118-2						cps
Titanium	47-1	4.58	4.89	4.93	4.80	3.97	ppb
Uranium	238-1	0.80	0.83	0.83	0.82	2.34	ppb
Vanadium	51-2	4.86	4.88	4.85	4.86	0.28	ppb
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	2.52	2.40	2.52	2.48	2.77	ppb
Zirconium	90-1	0.91	0.96	0.98	0.95	3.63	ppb
Zirconium	91-1	0.97	0.92	0.87	0.92	5.13	ppb

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 13:11:29	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	976.14	996.15	983.31	985.20	1.03	ppb
Antimony	121-1	52.33	52.36	52.41	52.37	0.08	ppb
Arsenic	75-2	54.51	52.84	55.79	54.38	2.71	ppb
Barium	135-1	256.22	256.42	257.19	256.61	0.20	ppb
Barium	137-1	255.94	256.17	257.52	256.54	0.33	ppb
Beryllium	9-1	53.27	54.25	52.03	53.18	2.09	ppb
Bismuth	209-1				98		%
Bismuth	209-2				98		%
Boron	10-1	48.65	54.53	53.09	52.09	5.88	ppb
Boron	11-1	48.42	52.51	52.93	51.28	4.86	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	54.33	55.32	53.98	54.54	1.27	ppb
Cadmium	106-1	56.86	56.34	56.44	56.55	0.48	ppb
Cadmium	108-1	52.74	53.06	56.05	53.95	3.39	ppb
Calcium	43-1	5938.15	5851.30	5904.90	5898.12	0.74	ppb
Calcium	44-1	5382.56	5458.42	5472.35	5437.78	0.89	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	52.83	53.39	53.29	53.17	0.57	ppb
Cobalt	59-2	53.36	54.69	53.31	53.79	1.45	ppb
Copper	63-2	555.27	562.69	550.08	556.01	1.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				99		%
Indium	115-1				98		%
Indium	115-2				99		%
Iron	56-2	2796.68	2815.08	2811.81	2807.86	0.35	ppb
Iron	57-2	2892.20	2903.37	2861.80	2885.79	0.75	ppb

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 13:11:29	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	2949.71	2961.60	2922.99	2944.76	0.67	ppb
Krypton	83-1						cps
Lead	206-1	252.89	251.86	246.00	250.25	1.49	ppb
Lead	207-1	256.11	250.76	249.55	252.14	1.38	ppb
Lead	208-1	252.42	251.13	249.34	250.96	0.61	ppb
Lithium	6-1				99		%
Magnesium	24-2	4990.75	5118.43	5032.83	5047.34	1.29	ppb
Manganese	55-2	531.60	533.06	535.70	533.45	0.39	ppb
Molybdenum	94-1	549.79	581.04	564.87	565.23	2.76	ppb
Molybdenum	95-1	552.80	578.13	560.75	563.89	2.30	ppb
Molybdenum	96-1	559.35	575.20	556.88	563.81	1.76	ppb
Molybdenum	97-1	557.53	575.30	553.75	562.20	2.05	ppb
Molybdenum	98-1	551.42	575.98	559.97	562.46	2.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	55.23	55.63	54.44	55.10	1.11	ppb
Phosphorus	31-2	1062.03	1082.14	1032.32	1058.83	2.37	ppb
Potassium	39-2	2516.47	2526.88	2540.24	2527.86	0.47	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	82-1	55.25	57.36	57.75	56.79	2.37	ppb
Selenium	77-2	57.63	55.11	55.83	56.19	2.31	ppb
Selenium	78-2	58.32	57.73	56.56	57.54	1.55	ppb
Silicon	28-1	54.06	52.85	53.50	53.47	1.13	ppb
Silver	107-1	55.25	54.65	54.85	54.92	0.56	ppb
Silver	109-1	54.89	54.90	55.21	55.00	0.33	ppb
Sodium	23-2	4948.55	5054.09	5021.46	5008.03	1.08	ppb
Strontium	86-1	522.85	531.29	510.30	521.48	2.03	ppb
Strontium	88-1	506.98	516.11	504.98	509.35	1.16	ppb
Sulfur	34-1	1108.31	1058.50	1055.13	1073.98	2.77	ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	47.99	47.85	48.36	48.06	0.55	ppb
Thallium	205-1	49.73	49.26	49.13	49.37	0.64	ppb

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 13:11:29	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	51.95	52.07	53.36	52.46	1.49	ppb
Tin	118-2						cps
Titanium	47-1	568.61	574.09	566.24	569.65	0.71	ppb
Uranium	238-1	50.73	49.89	48.78	49.80	1.96	ppb
Vanadium	51-2	52.24	51.75	51.56	51.85	0.68	ppb
Yttrium	89-1				99		%
Yttrium	89-2				99		%
Zinc	66-2	574.79	587.49	578.44	580.24	1.13	ppb
Zirconium	90-1	51.48	53.45	51.78	52.24	2.03	ppb
Zirconium	91-1	50.97	53.13	52.09	52.06	2.07	ppb

LB Number : LB119317 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2022-03-23 13:14:13 DataFile Name : 007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2381.73	2411.59	2384.04	2392.45	0.69	ppb
Antimony	121-1	135.29	129.36	126.24	130.29	3.53	ppb
Arsenic	75-2	134.98	131.72	134.43	133.71	1.31	ppb
Barium	135-1	653.34	626.11	624.42	634.62	2.56	ppb
Barium	137-1	664.92	642.07	620.58	642.52	3.45	ppb
Beryllium	9-1	138.42	131.39	133.31	134.38	2.71	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Boron	10-1	136.68	131.82	141.71	136.74	3.62	ppb
Boron	11-1	132.78	129.81	137.02	133.20	2.72	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	138.61	133.64	130.69	134.31	2.98	ppb
Cadmium	106-1	138.78	132.48	131.81	134.36	2.86	ppb
Cadmium	108-1	139.29	132.35	129.86	133.83	3.65	ppb
Calcium	43-1	14969.22	14272.16	14445.93	14562.44	2.49	ppb
Calcium	44-1	13832.97	13179.99	13455.91	13489.62	2.43	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	131.04	130.76	130.89	130.90	0.11	ppb
Cobalt	59-2	133.11	133.49	132.41	133.00	0.41	ppb
Copper	63-2	1339.63	1348.02	1335.75	1341.14	0.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				97		%
Indium	115-2				98		%
Iron	56-2	6879.60	6922.26	6792.36	6864.74	0.96	ppb
Iron	57-2	7045.38	7128.10	6985.01	7052.83	1.02	ppb

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 13:14:13	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	6950.44	6983.28	6978.90	6970.87	0.26	ppb
Krypton	83-1						cps
Lead	206-1	644.55	611.41	614.01	623.32	2.96	ppb
Lead	207-1	642.87	616.84	612.86	624.19	2.61	ppb
Lead	208-1	646.77	615.32	614.45	625.51	2.94	ppb
Lithium	6-1				97		%
Magnesium	24-2	12507.76	12630.66	12296.50	12478.31	1.35	ppb
Manganese	55-2	1284.89	1287.61	1277.99	1283.50	0.39	ppb
Molybdenum	94-1	1475.94	1416.77	1393.79	1428.84	2.97	ppb
Molybdenum	95-1	1473.96	1397.58	1395.40	1422.31	3.15	ppb
Molybdenum	96-1	1467.51	1386.48	1396.18	1416.72	3.12	ppb
Molybdenum	97-1	1468.67	1394.08	1392.79	1418.51	3.06	ppb
Molybdenum	98-1	1480.65	1385.78	1385.43	1417.28	3.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	133.89	135.70	134.94	134.84	0.67	ppb
Phosphorus	31-2	2554.16	2559.13	2507.00	2540.10	1.13	ppb
Potassium	39-2	6129.12	6161.53	6119.50	6136.72	0.36	ppb
Rhodium	103-1				96		%
Rhodium	103-2				97		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	82-1	148.33	140.57	141.44	143.45	2.96	ppb
Selenium	77-2	129.34	127.51	138.37	131.74	4.41	ppb
Selenium	78-2	137.83	140.96	141.53	140.11	1.42	ppb
Silicon	28-1	133.19	124.95	127.02	128.39	3.34	ppb
Silver	107-1	138.04	134.44	133.62	135.37	1.74	ppb
Silver	109-1	139.15	133.48	131.34	134.66	3.00	ppb
Sodium	23-2	12423.58	12576.55	12394.80	12464.98	0.78	ppb
Strontium	86-1	1357.86	1283.38	1270.39	1303.87	3.62	ppb
Strontium	88-1	1350.59	1267.21	1270.03	1295.94	3.65	ppb
Sulfur	34-1	2802.86	2344.43	2415.35	2520.88	9.79	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	130.37	122.91	122.60	125.29	3.51	ppb
Thallium	205-1	128.60	122.55	121.14	124.10	3.19	ppb

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 13:14:13	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	135.66	129.85	126.71	130.74	3.47	ppb
Tin	118-2						cps
Titanium	47-1	1480.31	1387.31	1387.02	1418.21	3.79	ppb
Uranium	238-1	130.69	121.77	122.85	125.10	3.89	ppb
Vanadium	51-2	126.37	127.83	126.18	126.79	0.71	ppb
Yttrium	89-1				98		%
Yttrium	89-2				98		%
Zinc	66-2	1403.32	1417.68	1406.24	1409.08	0.54	ppb
Zirconium	90-1	132.71	128.76	126.92	129.46	2.28	ppb
Zirconium	91-1	132.60	128.71	126.70	129.34	2.32	ppb

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 13:17:00	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4838.07	4801.74	4926.94	4855.58	1.33	ppb
Antimony	121-1	246.70	278.03	254.11	259.61	6.31	ppb
Arsenic	75-2	258.13	259.75	259.56	259.15	0.34	ppb
Barium	135-1	1203.95	1390.54	1257.30	1283.93	7.49	ppb
Barium	137-1	1216.57	1365.45	1257.36	1279.80	6.01	ppb
Beryllium	9-1	262.58	277.04	262.24	267.29	3.16	ppb
Bismuth	209-1				97		%
Bismuth	209-2				98		%
Boron	10-1	260.31	279.63	269.15	269.70	3.59	ppb
Boron	11-1	258.73	274.06	267.41	266.73	2.88	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	249.42	283.89	259.27	264.19	6.72	ppb
Cadmium	106-1	248.41	288.63	261.36	266.13	7.71	ppb
Cadmium	108-1	244.22	283.46	259.07	262.25	7.56	ppb
Calcium	43-1	28421.90	31424.02	29842.34	29896.09	5.02	ppb
Calcium	44-1	26229.71	29004.71	27261.54	27498.65	5.10	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	247.55	248.89	254.22	250.22	1.41	ppb
Cobalt	59-2	249.83	255.08	256.32	253.74	1.36	ppb
Copper	63-2	2540.89	2589.03	2565.71	2565.21	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				98		%
Holmium	165-2				101		%
Indium	115-1				94		%
Indium	115-2				99		%
Iron	56-2	12977.35	13441.92	13436.82	13285.36	2.01	ppb
Iron	57-2	13120.99	13423.28	13319.50	13287.93	1.16	ppb

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 13:17:00	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	13106.11	13579.71	13704.09	13463.31	2.34	ppb
Krypton	83-1						cps
Lead	206-1	1250.98	1346.26	1243.11	1280.12	4.49	ppb
Lead	207-1	1244.57	1350.20	1245.27	1280.01	4.75	ppb
Lead	208-1	1242.67	1358.42	1246.28	1282.46	5.13	ppb
Lithium	6-1				96		%
Magnesium	24-2	23975.34	23919.88	24122.50	24005.91	0.44	ppb
Manganese	55-2	2447.06	2497.50	2524.48	2489.68	1.58	ppb
Molybdenum	94-1	2710.39	2977.39	2783.39	2823.72	4.89	ppb
Molybdenum	95-1	2679.09	2968.36	2758.96	2802.14	5.33	ppb
Molybdenum	96-1	2693.58	2995.05	2776.24	2821.63	5.52	ppb
Molybdenum	97-1	2722.38	2983.53	2790.33	2832.08	4.78	ppb
Molybdenum	98-1	2723.45	2969.93	2745.34	2812.91	4.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	251.16	255.39	255.58	254.04	0.98	ppb
Phosphorus	31-2	5020.95	4985.73	5123.82	5043.50	1.42	ppb
Potassium	39-2	11869.28	11859.40	12017.78	11915.49	0.74	ppb
Rhodium	103-1				92		%
Rhodium	103-2				96		%
Scandium	45-1				95		%
Scandium	45-2				100		%
Selenium	82-1	268.96	296.92	271.74	279.21	5.52	ppb
Selenium	77-2	274.01	268.65	264.86	269.17	1.71	ppb
Selenium	78-2	268.65	265.49	265.42	266.52	0.69	ppb
Silicon	28-1	248.21	273.66	261.29	261.05	4.88	ppb
Silver	107-1	248.41	281.21	258.41	262.68	6.40	ppb
Silver	109-1	246.38	280.40	251.30	259.36	7.09	ppb
Sodium	23-2	24066.03	24082.92	24548.33	24232.43	1.13	ppb
Strontium	86-1	2457.04	2842.64	2574.93	2624.87	7.53	ppb
Strontium	88-1	2482.61	2771.75	2557.04	2603.80	5.77	ppb
Sulfur	34-1	4837.73	5446.02	4976.94	5086.90	6.27	ppb
Terbium	159-1				100		%
Terbium	159-2				102		%
Thallium	203-1	247.06	263.64	252.25	254.31	3.33	ppb
Thallium	205-1	242.58	260.68	245.81	249.69	3.87	ppb

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 13:17:00	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	246.21	276.94	258.25	260.47	5.94	ppb
Tin	118-2						cps
Titanium	47-1	2766.89	3057.30	2797.23	2873.81	5.55	ppb
Uranium	238-1	247.25	273.14	251.15	257.18	5.43	ppb
Vanadium	51-2	243.22	245.31	247.47	245.33	0.87	ppb
Yttrium	89-1				97		%
Yttrium	89-2				99		%
Zinc	66-2	2650.84	2655.24	2656.32	2654.13	0.11	ppb
Zirconium	90-1	248.06	274.10	255.22	259.13	5.19	ppb
Zirconium	91-1	249.34	277.80	259.94	262.36	5.48	ppb

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 13:19:44	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9100.44	9523.86	9419.58	9347.96	2.36	ppb
Antimony	121-1	516.67	475.45	502.44	498.19	4.20	ppb
Arsenic	75-2	492.62	510.46	511.20	504.76	2.08	ppb
Barium	135-1	2556.09	2400.48	2474.73	2477.10	3.14	ppb
Barium	137-1	2558.42	2392.68	2518.65	2489.91	3.48	ppb
Beryllium	9-1	533.89	515.36	501.56	516.94	3.14	ppb
Bismuth	209-1				96		%
Bismuth	209-2				95		%
Boron	10-1	514.58	522.15	516.02	517.58	0.78	ppb
Boron	11-1	515.08	503.65	510.82	509.85	1.13	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	530.45	490.71	509.08	510.08	3.90	ppb
Cadmium	106-1	522.12	485.12	518.08	508.44	3.99	ppb
Cadmium	108-1	520.62	488.72	506.82	505.39	3.16	ppb
Calcium	43-1	58118.84	53565.40	54088.43	55257.55	4.51	ppb
Calcium	44-1	55625.85	52066.97	52089.73	53260.85	3.85	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	485.00	502.16	496.03	494.40	1.76	ppb
Cobalt	59-2	495.01	501.56	495.58	497.38	0.73	ppb
Copper	63-2	4995.27	5092.78	5007.58	5031.88	1.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				101		%
Indium	115-1				95		%
Indium	115-2				96		%
Iron	56-2	26196.89	26534.73	26245.88	26325.83	0.69	ppb
Iron	57-2	26176.71	26296.37	26259.98	26244.35	0.23	ppb

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 13:19:44	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	26286.78	26873.85	26271.26	26477.30	1.30	ppb
Krypton	83-1						cps
Lead	206-1	2565.13	2465.85	2511.35	2514.11	1.98	ppb
Lead	207-1	2576.69	2489.91	2513.01	2526.53	1.78	ppb
Lead	208-1	2576.49	2467.02	2521.31	2521.61	2.17	ppb
Lithium	6-1				96		%
Magnesium	24-2	46646.58	48663.57	47926.13	47745.43	2.14	ppb
Manganese	55-2	4965.37	5046.26	4933.55	4981.73	1.17	ppb
Molybdenum	94-1	5757.99	5472.74	5420.37	5550.37	3.27	ppb
Molybdenum	95-1	5740.36	5482.79	5390.79	5537.98	3.27	ppb
Molybdenum	96-1	5741.12	5447.52	5432.67	5540.44	3.14	ppb
Molybdenum	97-1	5709.25	5412.57	5436.60	5519.47	2.99	ppb
Molybdenum	98-1	5772.52	5444.76	5429.09	5548.79	3.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	485.92	500.80	494.35	493.69	1.51	ppb
Phosphorus	31-2	9594.69	9835.69	9744.02	9724.80	1.25	ppb
Potassium	39-2	23123.65	24155.77	23750.00	23676.47	2.20	ppb
Rhodium	103-1				91		%
Rhodium	103-2				94		%
Scandium	45-1				96		%
Scandium	45-2				98		%
Selenium	82-1	550.77	517.47	517.24	528.50	3.65	ppb
Selenium	77-2	501.42	505.26	516.81	507.83	1.58	ppb
Selenium	78-2	496.42	520.55	523.91	513.63	2.92	ppb
Silicon	28-1	512.15	479.89	485.44	492.49	3.50	ppb
Silver	107-1	526.44	478.61	518.68	507.91	5.05	ppb
Silver	109-1	521.39	488.21	512.99	507.53	3.40	ppb
Sodium	23-2	47631.84	49175.30	48853.94	48553.69	1.68	ppb
Strontium	86-1	5316.73	5008.05	4956.80	5093.86	3.82	ppb
Strontium	88-1	5208.23	5103.05	4923.72	5078.33	2.83	ppb
Sulfur	34-1	10930.10	9890.34	10050.47	10290.30	5.44	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	514.36	496.48	499.97	503.60	1.88	ppb
Thallium	205-1	510.78	494.89	499.56	501.74	1.63	ppb

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 13:19:44	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	522.07	472.88	492.36	495.77	5.00	ppb
Tin	118-2						cps
Titanium	47-1	5751.70	5429.91	5560.51	5580.71	2.90	ppb
Uranium	238-1	532.82	511.69	524.58	523.03	2.04	ppb
Vanadium	51-2	481.08	494.93	497.95	491.32	1.83	ppb
Yttrium	89-1				97		%
Yttrium	89-2				98		%
Zinc	66-2	5062.23	5223.27	5112.99	5132.83	1.60	ppb
Zirconium	90-1	521.38	498.27	496.92	505.52	2.72	ppb
Zirconium	91-1	520.00	501.41	491.28	504.23	2.89	ppb

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 13:55:30	DataFile Name :	014CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19853.65	19686.50	19832.43	19790.86	0.46	ppb
Antimony	121-1	991.09	997.98	1004.10	997.72	0.65	ppb
Arsenic	75-2	996.85	993.06	992.16	994.02	0.25	ppb
Barium	135-1	4937.47	4994.65	5072.18	5001.44	1.35	ppb
Barium	137-1	4939.25	5001.24	5044.74	4995.08	1.06	ppb
Beryllium	9-1	976.54	995.11	985.99	985.88	0.94	ppb
Bismuth	209-1				90		%
Bismuth	209-2				90		%
Boron	10-1	950.49	998.83	1005.13	984.82	3.04	ppb
Boron	11-1	965.30	985.09	1019.33	989.91	2.76	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	993.90	987.77	988.39	990.02	0.34	ppb
Cadmium	106-1	991.65	989.40	989.69	990.25	0.12	ppb
Cadmium	108-1	988.60	991.37	998.85	992.94	0.53	ppb
Calcium	43-1	108049.63	109962.36	105621.42	107877.80	2.02	ppb
Calcium	44-1	104268.16	106143.59	103873.80	104761.85	1.16	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	994.29	1012.27	999.00	1001.85	0.93	ppb
Cobalt	59-2	992.32	1006.16	999.06	999.18	0.69	ppb
Copper	63-2	9848.30	9981.08	10031.31	9953.57	0.95	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				102		%
Holmium	165-2				102		%
Indium	115-1				97		%
Indium	115-2				97		%
Iron	56-2	52384.12	53012.91	53575.04	52990.69	1.12	ppb
Iron	57-2	52632.56	53239.72	53558.53	53143.60	0.89	ppb

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 13:55:30	DataFile Name :	014CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	52534.72	54023.33	53356.06	53304.71	1.40	ppb
Krypton	83-1						cps
Lead	206-1	5071.14	4924.18	4961.52	4985.61	1.53	ppb
Lead	207-1	5016.38	4936.80	4984.50	4979.23	0.80	ppb
Lead	208-1	5025.48	4961.98	4955.45	4980.97	0.78	ppb
Lithium	6-1				103		%
Magnesium	24-2	102835.89	103144.88	103456.87	103145.88	0.30	ppb
Manganese	55-2	9907.09	10057.85	10052.63	10005.86	0.86	ppb
Molybdenum	94-1	10787.10	10892.94	11166.65	10948.90	1.79	ppb
Molybdenum	95-1	10823.44	11055.10	11005.56	10961.37	1.11	ppb
Molybdenum	96-1	10862.36	11076.70	10928.85	10955.97	1.00	ppb
Molybdenum	97-1	10851.07	11033.19	11006.82	10963.69	0.90	ppb
Molybdenum	98-1	10801.23	11081.09	10979.60	10953.97	1.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	995.01	993.38	1013.58	1000.66	1.12	ppb
Phosphorus	31-2	20068.75	20167.27	20120.30	20118.77	0.24	ppb
Potassium	39-2	49219.88	50130.99	49798.31	49716.39	0.93	ppb
Rhodium	103-1				95		%
Rhodium	103-2				96		%
Scandium	45-1				104		%
Scandium	45-2				105		%
Selenium	82-1	964.31	987.24	975.87	975.80	1.18	ppb
Selenium	77-2	993.97	989.74	986.71	990.14	0.37	ppb
Selenium	78-2	979.02	995.61	985.74	986.79	0.85	ppb
Silicon	28-1	1006.37	995.67	999.36	1000.47	0.54	ppb
Silver	107-1	993.78	993.08	987.15	991.34	0.37	ppb
Silver	109-1	994.93	990.46	991.92	992.44	0.23	ppb
Sodium	23-2	102623.64	102645.26	101554.32	102274.41	0.61	ppb
Strontium	86-1	9771.49	10031.85	9938.80	9914.04	1.33	ppb
Strontium	88-1	9852.19	10062.16	9871.67	9928.67	1.17	ppb
Sulfur	34-1	20242.59	19909.21	19328.65	19826.82	2.33	ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	1010.08	986.83	994.63	997.18	1.19	ppb
Thallium	205-1	1014.31	988.74	995.00	999.35	1.33	ppb

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 13:55:30	DataFile Name :	014CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	979.31	998.66	1018.01	998.66	1.94	ppb
Tin	118-2						cps
Titanium	47-1	10939.70	10902.90	10924.34	10922.31	0.17	ppb
Uranium	238-1	986.47	990.44	983.16	986.69	0.37	ppb
Vanadium	51-2	998.36	1002.89	1014.32	1005.19	0.82	ppb
Yttrium	89-1				103		%
Yttrium	89-2				104		%
Zinc	66-2	9777.74	9907.18	9928.53	9871.15	0.83	ppb
Zirconium	90-1	986.97	993.63	1002.26	994.29	0.77	ppb
Zirconium	91-1	988.14	989.40	1004.91	994.15	0.94	ppb

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 13:58:15	DataFile Name :	015CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99148.83	100453.02	100749.42	100117.09	0.85	ppb
Antimony	121-1	0.83	0.86	0.86	0.85	2.08	ppb
Arsenic	75-2	0.45	0.40	0.45	0.43	6.14	ppb
Barium	135-1	2.52	2.32	2.42	2.42	3.99	ppb
Barium	137-1	2.48	2.36	2.37	2.40	2.91	ppb
Beryllium	9-1	0.15	0.12	0.14	0.14	10.98	ppb
Bismuth	209-1				72		%
Bismuth	209-2				75		%
Boron	10-1	23.40	18.28	17.33	19.67	16.60	ppb
Boron	11-1	22.88	19.27	16.80	19.65	15.56	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.30	0.34	0.35	0.33	8.85	ppb
Cadmium	106-1	3.82	2.56	4.07	3.48	23.23	ppb
Cadmium	108-1	0.50	0.35	0.50	0.45	19.54	ppb
Calcium	43-1	492383.13	503525.34	496871.66	497593.38	1.13	ppb
Calcium	44-1	496218.35	500502.52	498981.61	498567.49	0.44	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	11.29	11.38	11.34	11.33	0.42	ppb
Cobalt	59-2	1.67	1.69	1.75	1.71	2.37	ppb
Copper	63-2	5.34	5.25	5.23	5.27	1.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				94		%
Indium	115-1				86		%
Indium	115-2				91		%
Iron	56-2	248453.81	250535.05	248645.83	249211.56	0.46	ppb
Iron	57-2	245460.45	252534.27	249555.83	249183.52	1.43	ppb

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 13:58:15	DataFile Name :	015CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	247111.89	249778.20	250471.99	249120.69	0.71	ppb
Krypton	83-1						cps
Lead	206-1	3.15	3.04	2.97	3.05	2.99	ppb
Lead	207-1	3.04	2.83	2.88	2.91	3.86	ppb
Lead	208-1	3.07	2.94	2.88	2.96	3.21	ppb
Lithium	6-1				92		%
Magnesium	24-2	499223.46	499579.83	500134.98	499646.09	0.09	ppb
Manganese	55-2	7.58	7.66	7.55	7.59	0.73	ppb
Molybdenum	94-1	5.00	4.65	4.36	4.67	6.85	ppb
Molybdenum	95-1	4.65	4.20	4.19	4.35	6.00	ppb
Molybdenum	96-1	4.66	4.41	4.35	4.47	3.62	ppb
Molybdenum	97-1	4.29	3.95	3.88	4.04	5.39	ppb
Molybdenum	98-1	4.29	3.93	3.85	4.03	5.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.65	7.54	7.40	7.53	1.65	ppb
Phosphorus	31-2	8.00	14.08	1.66	7.91	78.50	ppb
Potassium	39-2	248782.85	253104.69	248775.14	250220.89	1.00	ppb
Rhodium	103-1				79		%
Rhodium	103-2				83		%
Scandium	45-1				96		%
Scandium	45-2				102		%
Selenium	82-1	-0.70	-0.57	-0.26	-0.51		ppb
Selenium	77-2	0.64	0.00	0.47	0.37	89.46	ppb
Selenium	78-2	0.65	0.41	0.11	0.39	68.64	ppb
Silicon	28-1	12.89	14.92	13.78	13.86	7.38	ppb
Silver	107-1	0.37	0.36	0.32	0.35	7.87	ppb
Silver	109-1	0.38	0.38	0.34	0.37	6.01	ppb
Sodium	23-2	501738.32	501449.97	495998.61	499728.97	0.65	ppb
Strontium	86-1	7.83	7.89	8.44	8.05	4.16	ppb
Strontium	88-1	8.02	7.99	7.98	8.00	0.26	ppb
Sulfur	34-1	263.58	315.25	383.07	320.63	18.69	ppb
Terbium	159-1				91		%
Terbium	159-2				92		%
Thallium	203-1	0.21	0.16	0.15	0.17	20.01	ppb
Thallium	205-1	0.23	0.19	0.18	0.20	11.71	ppb

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 13:58:15	DataFile Name :	015CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	0.72	0.79	0.73	0.75	5.09	ppb
Tin	118-2						cps
Titanium	47-1	3.87	4.27	4.03	4.06	5.04	ppb
Uranium	238-1	0.15	0.14	0.13	0.14	5.43	ppb
Vanadium	51-2	0.25	0.25	0.27	0.26	4.09	ppb
Yttrium	89-1				92		%
Yttrium	89-2				99		%
Zinc	66-2	15.30	15.16	15.02	15.16	0.92	ppb
Zirconium	90-1	0.61	0.65	0.59	0.62	5.15	ppb
Zirconium	91-1	0.66	0.66	0.61	0.64	4.35	ppb

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	ICV08	Instrumnet Name :	P7
Client Sample ID :	ICV08	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 14:36:55	DataFile Name :	016ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	510.68	513.94	521.25	515.29	1.05	ppb
Antimony	121-1	199.70	207.12	202.06	202.96	1.87	ppb
Arsenic	75-2	207.12	209.36	211.90	209.46	1.14	ppb
Barium	135-1	99.43	99.26	99.17	99.29	0.13	ppb
Barium	137-1	100.31	101.92	99.64	100.62	1.17	ppb
Beryllium	9-1	99.55	98.71	98.66	98.98	0.51	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Boron	10-1	-1.14	-0.71	-0.68	-0.84		ppb
Boron	11-1	-0.83	-0.61	-0.59	-0.68		ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	106.38	108.54	108.86	107.93	1.25	ppb
Cadmium	106-1	84.33	84.49	83.95	84.26	0.33	ppb
Cadmium	108-1	148.27	150.26	147.59	148.71	0.93	ppb
Calcium	43-1	2024.93	2016.49	2109.46	2050.29	2.51	ppb
Calcium	44-1	1949.23	2017.23	2027.65	1998.04	2.13	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	103.04	102.71	104.37	103.37	0.85	ppb
Cobalt	59-2	103.05	104.46	104.22	103.91	0.73	ppb
Copper	63-2	101.10	103.04	103.44	102.53	1.22	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				105		%
Holmium	165-2				105		%
Indium	115-1				105		%
Indium	115-2				106		%
Iron	56-2	2112.37	2140.01	2159.12	2137.17	1.10	ppb
Iron	57-2	2115.57	2165.75	2173.89	2151.74	1.47	ppb

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	ICV08	Instrumnet Name :	P7
Client Sample ID :	ICV08	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 14:36:55	DataFile Name :	016ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	2217.81	2244.47	2275.00	2245.76	1.27	ppb
Krypton	83-1						cps
Lead	206-1	216.25	214.50	216.64	215.79	0.53	ppb
Lead	207-1	200.16	202.98	208.48	203.87	2.07	ppb
Lead	208-1	205.99	206.82	211.45	208.09	1.41	ppb
Lithium	6-1				115		%
Magnesium	24-2	1125.01	1130.36	1142.08	1132.49	0.77	ppb
Manganese	55-2	101.29	101.88	102.12	101.77	0.42	ppb
Molybdenum	94-1	4440.37	4539.65	4519.69	4499.90	1.17	ppb
Molybdenum	95-1	5390.04	5422.99	5404.15	5405.73	0.31	ppb
Molybdenum	96-1	5295.21	5362.31	5276.63	5311.38	0.85	ppb
Molybdenum	97-1	5383.70	5480.54	5362.64	5408.96	1.16	ppb
Molybdenum	98-1	5400.29	5465.96	5397.95	5421.40	0.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	110.16	112.10	112.53	111.60	1.13	ppb
Phosphorus	31-2	-2.59	-2.95	-8.33	-4.62		ppb
Potassium	39-2	1991.96	1988.15	2040.98	2007.03	1.47	ppb
Rhodium	103-1				105		%
Rhodium	103-2				103		%
Scandium	45-1				109		%
Scandium	45-2				106		%
Selenium	82-1	210.82	216.72	213.71	213.75	1.38	ppb
Selenium	77-2	215.77	207.96	217.72	213.82	2.42	ppb
Selenium	78-2	212.61	213.57	218.88	215.02	1.57	ppb
Silicon	28-1	1.80	2.28	2.28	2.12	13.21	ppb
Silver	107-1	51.67	52.59	51.92	52.06	0.92	ppb
Silver	109-1	51.17	52.91	51.78	51.95	1.70	ppb
Sodium	23-2	1971.82	1955.27	1992.83	1973.31	0.95	ppb
Strontium	86-1	0.19	0.43	0.44	0.35	39.15	ppb
Strontium	88-1	0.35	0.36	0.36	0.36	1.38	ppb
Sulfur	34-1	607.34	686.35	626.10	639.93	6.45	ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	218.65	217.51	221.98	219.38	1.06	ppb
Thallium	205-1	216.20	214.52	220.34	217.02	1.38	ppb

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	ICV08	Instrumnet Name :	P7
Client Sample ID :	ICV08	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 14:36:55	DataFile Name :	016ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	0.03	0.04	0.01	0.03	49.69	ppb
Tin	118-2						cps
Titanium	47-1	0.33	0.36	0.34	0.35	4.84	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	12.96	ppb
Vanadium	51-2	97.02	97.26	99.01	97.76	1.11	ppb
Yttrium	89-1				106		%
Yttrium	89-2				105		%
Zinc	66-2	209.35	215.58	217.41	214.11	1.97	ppb
Zirconium	90-1	0.02	0.01	0.02	0.01	19.89	ppb
Zirconium	91-1	0.14	0.12	0.16	0.14	14.93	ppb

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 14:55:53	DataFile Name :	019LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.73	18.88	19.18	18.60	4.12	ppb
Antimony	121-1	1.88	1.96	1.97	1.94	2.51	ppb
Arsenic	75-2	0.95	0.99	0.98	0.97	2.28	ppb
Barium	135-1	9.45	9.77	9.35	9.52	2.30	ppb
Barium	137-1	9.46	9.61	9.17	9.41	2.38	ppb
Beryllium	9-1	1.01	0.97	1.00	0.99	2.31	ppb
Bismuth	209-1				105		%
Bismuth	209-2				104		%
Boron	10-1	19.23	19.58	20.10	19.64	2.22	ppb
Boron	11-1	18.21	19.13	18.79	18.71	2.49	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	1.16	1.10	1.01	1.09	6.85	ppb
Cadmium	106-1	4.24	4.52	3.16	3.97	18.00	ppb
Cadmium	108-1	0.78	1.02	0.95	0.92	13.39	ppb
Calcium	43-1	457.10	433.78	456.61	449.16	2.97	ppb
Calcium	44-1	495.50	480.29	488.97	488.25	1.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.97	1.97	2.00	1.98	1.09	ppb
Cobalt	59-2	1.00	1.02	1.01	1.01	1.12	ppb
Copper	63-2	2.12	2.12	2.06	2.10	1.72	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				107		%
Holmium	165-2				109		%
Indium	115-1				108		%
Indium	115-2				111		%
Iron	56-2	53.22	52.96	52.98	53.05	0.27	ppb
Iron	57-2	56.16	55.01	54.15	55.11	1.83	ppb

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 14:55:53	DataFile Name :	019LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	54.89	56.13	54.66	55.22	1.43	ppb
Krypton	83-1						cps
Lead	206-1	0.89	0.88	0.88	0.88	0.65	ppb
Lead	207-1	0.85	0.82	0.87	0.85	2.79	ppb
Lead	208-1	0.85	0.85	0.87	0.86	1.77	ppb
Lithium	6-1				116		%
Magnesium	24-2	474.47	467.78	468.54	470.26	0.78	ppb
Manganese	55-2	0.95	0.95	0.90	0.93	3.14	ppb
Molybdenum	94-1	5.54	5.65	5.79	5.66	2.26	ppb
Molybdenum	95-1	4.77	4.76	4.69	4.74	0.91	ppb
Molybdenum	96-1	4.80	4.91	5.02	4.91	2.23	ppb
Molybdenum	97-1	4.49	4.70	4.70	4.63	2.63	ppb
Molybdenum	98-1	4.67	4.74	4.79	4.73	1.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.08	1.02	1.00	1.03	3.88	ppb
Phosphorus	31-2	15.63	14.97	15.98	15.53	3.33	ppb
Potassium	39-2	484.16	490.20	490.50	488.29	0.73	ppb
Rhodium	103-1				109		%
Rhodium	103-2				110		%
Scandium	45-1				113		%
Scandium	45-2				111		%
Selenium	82-1	4.85	5.25	4.81	4.97	4.88	ppb
Selenium	77-2	4.23	4.11	3.73	4.02	6.39	ppb
Selenium	78-2	4.82	4.85	5.23	4.96	4.62	ppb
Silicon	28-1	3.87	3.63	3.98	3.83	4.70	ppb
Silver	107-1	1.00	1.03	1.03	1.02	1.84	ppb
Silver	109-1	0.98	1.04	1.03	1.02	3.29	ppb
Sodium	23-2	469.18	469.97	463.70	467.61	0.73	ppb
Strontium	86-1	0.90	0.93	0.91	0.92	1.72	ppb
Strontium	88-1	0.96	0.96	0.99	0.97	1.99	ppb
Sulfur	34-1	647.55	473.26	647.04	589.28	17.05	ppb
Terbium	159-1				109		%
Terbium	159-2				109		%
Thallium	203-1	0.87	0.83	0.88	0.86	3.11	ppb
Thallium	205-1	0.85	0.85	0.83	0.84	1.60	ppb

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 14:55:53	DataFile Name :	019LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	5.06	5.03	4.89	5.00	1.83	ppb
Tin	118-2						cps
Titanium	47-1	4.81	4.76	4.74	4.77	0.80	ppb
Uranium	238-1	0.78	0.76	0.79	0.78	1.84	ppb
Vanadium	51-2	4.79	4.71	4.86	4.78	1.58	ppb
Yttrium	89-1				110		%
Yttrium	89-2				110		%
Zinc	66-2	2.07	2.18	2.07	2.10	2.98	ppb
Zirconium	90-1	0.93	0.90	0.96	0.93	2.92	ppb
Zirconium	91-1	0.87	0.87	0.94	0.89	4.10	ppb

LB Number : LB119317 Operator : Jaswal
 Lab Sample ID : ICB08 Instrumnet Name : P7
 Client Sample ID : ICB08 Dilution Factor : 1
 Date & Time Acquired :: 2022-03-23 14:58:47 DataFile Name : 020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.93	0.54	0.67	0.71	27.78	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	30.97	ppb
Arsenic	75-2	-0.01	-0.02	-0.02	-0.02		ppb
Barium	135-1	0.00	-0.01	-0.03	-0.01		ppb
Barium	137-1	-0.01	-0.01	-0.02	-0.01		ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	28.35	ppb
Bismuth	209-1				108		%
Bismuth	209-2				107		%
Boron	10-1	-1.42	-1.76	-1.83	-1.67		ppb
Boron	11-1	-1.68	-1.58	-1.72	-1.66		ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.10	0.08	0.08	0.08	12.22	ppb
Cadmium	106-1	3.74	3.36	3.05	3.38	10.34	ppb
Cadmium	108-1	-0.15	-0.09	-0.13	-0.12		ppb
Calcium	43-1	-60.50	-59.70	-58.39	-59.53		ppb
Calcium	44-1	-12.44	-13.04	-13.00	-12.83		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.04	-0.01	-0.02	-0.02		ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.03	0.03	0.02	0.03	15.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				112		%
Indium	115-1				114		%
Indium	115-2				114		%
Iron	56-2	0.13	0.10	0.12	0.12	14.33	ppb
Iron	57-2	0.38	0.55	0.05	0.33	76.77	ppb

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	ICB08	Instrumnet Name :	P7
Client Sample ID :	ICB08	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 14:58:47	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	0.58	-0.21	-0.27	0.03	1537.49	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.04	0.04	0.04	8.17	ppb
Lead	207-1	0.03	0.04	0.03	0.03	13.52	ppb
Lead	208-1	0.03	0.04	0.03	0.03	7.71	ppb
Lithium	6-1				121		%
Magnesium	24-2	0.41	0.37	0.42	0.40	7.00	ppb
Manganese	55-2	-0.05	-0.04	-0.04	-0.04		ppb
Molybdenum	94-1	0.05	0.01	0.02	0.03	66.40	ppb
Molybdenum	95-1	0.03	0.02	0.03	0.03	20.82	ppb
Molybdenum	96-1	0.04	0.03	0.03	0.03	15.71	ppb
Molybdenum	97-1	0.04	0.03	0.03	0.04	11.82	ppb
Molybdenum	98-1	0.03	0.02	0.04	0.03	31.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.01	0.01	0.00	704.23	ppb
Phosphorus	31-2	-9.88	-6.13	-7.02	-7.68		ppb
Potassium	39-2	1.11	1.58	2.45	1.71	39.76	ppb
Rhodium	103-1				114		%
Rhodium	103-2				114		%
Scandium	45-1				116		%
Scandium	45-2				113		%
Selenium	82-1	0.66	0.55	0.12	0.44	63.65	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.10	0.12	-0.06	-0.02		ppb
Silicon	28-1	0.34	0.41	0.46	0.40	15.08	ppb
Silver	107-1	0.00	0.00	0.00	0.00	37.53	ppb
Silver	109-1	0.01	0.00	0.00	0.01	43.51	ppb
Sodium	23-2	3.39	2.98	3.22	3.20	6.39	ppb
Strontium	86-1	-0.25	-0.08	-0.11	-0.15		ppb
Strontium	88-1	0.01	0.00	0.01	0.01	42.00	ppb
Sulfur	34-1	358.41	464.86	470.22	431.17	14.63	ppb
Terbium	159-1				114		%
Terbium	159-2				112		%
Thallium	203-1	-0.02	-0.02	-0.02	-0.02		ppb
Thallium	205-1	-0.02	-0.02	-0.02	-0.02		ppb

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	ICB08	Instrumnet Name :	P7
Client Sample ID :	ICB08	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 14:58:47	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	0.00	-0.02	0.00	-0.01		ppb
Tin	118-2						cps
Titanium	47-1	-0.02	-0.05	-0.05	-0.04		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	2892.65	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	94.47	ppb
Yttrium	89-1				114		%
Yttrium	89-2				113		%
Zinc	66-2	0.19	0.17	0.22	0.19	14.52	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	403.55	ppb
Zirconium	91-1	-0.01	-0.01	0.00	-0.01		ppb

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	ICSA08	Instrumnet Name :	P7
Client Sample ID :	ICSA08	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 15:01:44	DataFile Name :	021ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	94131.69	95429.44	95202.10	94921.08	0.73	ppb
Antimony	121-1	1.17	1.16	1.15	1.16	1.10	ppb
Arsenic	75-2	0.33	0.38	0.31	0.34	10.47	ppb
Barium	135-1	1.40	1.34	1.31	1.35	3.39	ppb
Barium	137-1	1.27	1.38	1.34	1.33	4.03	ppb
Beryllium	9-1	0.31	0.29	0.30	0.30	3.29	ppb
Bismuth	209-1				93		%
Bismuth	209-2				93		%
Boron	10-1	-1.30	-1.39	-0.67	-1.12		ppb
Boron	11-1	-1.08	-1.33	-1.19	-1.20		ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.93	0.88	0.79	0.87	8.45	ppb
Cadmium	106-1	1.59	1.78	-0.01	1.12	87.93	ppb
Cadmium	108-1	21.24	19.97	19.47	20.23	4.52	ppb
Calcium	43-1	99813.92	98692.65	100065.04	99523.87	0.73	ppb
Calcium	44-1	100932.69	99246.69	98098.43	99425.94	1.43	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.81	19.95	19.79	19.85	0.45	ppb
Cobalt	59-2	1.21	1.18	1.22	1.21	1.98	ppb
Copper	63-2	7.45	7.49	7.31	7.42	1.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				109		%
Indium	115-1				102		%
Indium	115-2				104		%
Iron	56-2	105055.10	104443.74	105786.25	105095.03	0.64	ppb
Iron	57-2	103621.27	103642.82	102903.86	103389.32	0.41	ppb

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	ICSA08	Instrumnet Name :	P7
Client Sample ID :	ICSA08	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 15:01:44	DataFile Name :	021ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	105471.16	104237.65	104986.73	104898.51	0.59	ppb
Krypton	83-1						cps
Lead	206-1	4.78	4.69	4.68	4.72	1.22	ppb
Lead	207-1	4.22	4.04	4.05	4.10	2.44	ppb
Lead	208-1	4.36	4.22	4.29	4.29	1.66	ppb
Lithium	6-1				107		%
Magnesium	24-2	95588.39	95813.07	96908.21	96103.22	0.73	ppb
Manganese	55-2	7.48	7.43	7.66	7.53	1.62	ppb
Molybdenum	94-1	1554.71	1588.57	1557.74	1567.01	1.20	ppb
Molybdenum	95-1	1855.87	1878.97	1866.44	1867.09	0.62	ppb
Molybdenum	96-1	1836.44	1828.34	1820.31	1828.37	0.44	ppb
Molybdenum	97-1	1893.84	1863.95	1880.80	1879.53	0.80	ppb
Molybdenum	98-1	1913.73	1864.56	1896.26	1891.52	1.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.38	5.35	5.19	5.31	1.94	ppb
Phosphorus	31-2	93730.79	96205.16	93617.52	94517.82	1.55	ppb
Potassium	39-2	95224.75	96097.90	94500.16	95274.27	0.84	ppb
Rhodium	103-1				96		%
Rhodium	103-2				99		%
Scandium	45-1				107		%
Scandium	45-2				108		%
Selenium	82-1	-0.55	-0.78	-0.03	-0.45		ppb
Selenium	77-2	0.00	0.15	0.15	0.10	86.60	ppb
Selenium	78-2	-0.03	-0.32	-0.12	-0.16		ppb
Silicon	28-1	7.20	7.06	7.10	7.12	1.04	ppb
Silver	107-1	0.07	0.05	0.05	0.06	20.36	ppb
Silver	109-1	0.08	0.06	0.05	0.07	20.18	ppb
Sodium	23-2	98661.14	99260.41	100371.71	99431.09	0.87	ppb
Strontium	86-1	34.01	34.28	34.34	34.21	0.51	ppb
Strontium	88-1	34.81	34.19	34.10	34.37	1.13	ppb
Sulfur	34-1	88696.55	86575.34	86162.33	87144.74	1.56	ppb
Terbium	159-1				108		%
Terbium	159-2				108		%
Thallium	203-1	0.36	0.35	0.38	0.36	4.00	ppb
Thallium	205-1	0.37	0.37	0.36	0.36	1.62	ppb

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	ICSA08	Instrumnet Name :	P7
Client Sample ID :	ICSA08	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 15:01:44	DataFile Name :	021ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	0.12	0.13	0.14	0.13	9.33	ppb
Tin	118-2						cps
Titanium	47-1	2041.39	1967.84	2014.07	2007.77	1.85	ppb
Uranium	238-1	0.04	0.04	0.04	0.04	7.66	ppb
Vanadium	51-2	0.22	0.22	0.22	0.22	0.54	ppb
Yttrium	89-1				105		%
Yttrium	89-2				108		%
Zinc	66-2	11.44	11.37	11.50	11.44	0.58	ppb
Zirconium	90-1	0.05	0.04	0.04	0.04	13.55	ppb
Zirconium	91-1	0.05	0.02	0.04	0.04	34.12	ppb

LB Number : LB119317 Operator : Jaswal
 Lab Sample ID : ICSAB08 Instrumnet Name : P7
 Client Sample ID : ICSAB08 Dilution Factor : 1
 Date & Time Acquired :: 2022-03-23 15:04:33 DataFile Name : 022ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	95195.85	94878.04	93084.96	94386.29	1.21	ppb
Antimony	121-1	19.77	20.76	20.54	20.36	2.56	ppb
Arsenic	75-2	20.10	20.14	19.47	19.90	1.90	ppb
Barium	135-1	20.47	21.15	21.07	20.90	1.80	ppb
Barium	137-1	20.60	21.00	21.45	21.02	2.02	ppb
Beryllium	9-1	19.99	20.66	19.96	20.20	1.96	ppb
Bismuth	209-1				97		%
Bismuth	209-2				97		%
Boron	10-1	-1.41	-1.31	-1.42	-1.38		ppb
Boron	11-1	-1.14	-0.89	-1.03	-1.02		ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	19.13	20.10	19.77	19.67	2.49	ppb
Cadmium	106-1	14.42	15.11	14.80	14.77	2.34	ppb
Cadmium	108-1	33.18	34.51	33.22	33.64	2.26	ppb
Calcium	43-1	97860.10	102322.59	99367.26	99849.98	2.27	ppb
Calcium	44-1	97993.45	101892.19	100638.50	100174.71	1.99	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	39.38	39.75	39.29	39.47	0.62	ppb
Cobalt	59-2	20.70	20.75	20.47	20.64	0.72	ppb
Copper	63-2	25.84	26.03	25.87	25.91	0.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				112		%
Indium	115-1				107		%
Indium	115-2				107		%
Iron	56-2	105711.92	103447.86	102400.06	103853.28	1.63	ppb
Iron	57-2	103748.25	103934.53	103322.21	103668.33	0.30	ppb

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	ICSAB08	Instrumnet Name :	P7
Client Sample ID :	ICSAB08	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 15:04:33	DataFile Name :	022ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	105025.16	104420.88	101805.70	103750.58	1.65	ppb
Krypton	83-1						cps
Lead	206-1	23.98	24.49	23.67	24.04	1.72	ppb
Lead	207-1	21.84	22.24	21.62	21.90	1.44	ppb
Lead	208-1	22.47	22.72	22.28	22.49	0.97	ppb
Lithium	6-1				105		%
Magnesium	24-2	96996.23	95972.20	93810.10	95592.84	1.70	ppb
Manganese	55-2	27.21	26.95	26.14	26.77	2.09	ppb
Molybdenum	94-1	1548.33	1562.38	1549.26	1553.32	0.51	ppb
Molybdenum	95-1	1863.81	1895.52	1876.71	1878.68	0.85	ppb
Molybdenum	96-1	1819.59	1879.72	1839.04	1846.12	1.66	ppb
Molybdenum	97-1	1852.77	1876.10	1894.17	1874.34	1.11	ppb
Molybdenum	98-1	1852.74	1872.50	1889.43	1871.56	0.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.35	24.65	24.24	24.41	0.86	ppb
Phosphorus	31-2	94950.53	97747.08	96908.18	96535.26	1.49	ppb
Potassium	39-2	94788.35	95994.71	93886.33	94889.80	1.11	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				114		%
Scandium	45-2				113		%
Selenium	82-1	18.57	20.09	20.24	19.63	4.70	ppb
Selenium	77-2	18.71	18.29	17.06	18.02	4.76	ppb
Selenium	78-2	18.97	19.04	19.58	19.20	1.75	ppb
Silicon	28-1	7.57	7.52	7.67	7.59	1.05	ppb
Silver	107-1	17.66	18.77	18.48	18.30	3.16	ppb
Silver	109-1	17.90	18.74	18.49	18.37	2.35	ppb
Sodium	23-2	99089.70	98499.81	96588.49	98059.33	1.33	ppb
Strontium	86-1	34.20	34.01	33.65	33.95	0.83	ppb
Strontium	88-1	33.19	34.90	34.54	34.21	2.65	ppb
Sulfur	34-1	87141.65	86872.71	86873.45	86962.60	0.18	ppb
Terbium	159-1				113		%
Terbium	159-2				112		%
Thallium	203-1	19.71	19.98	19.64	19.78	0.92	ppb
Thallium	205-1	20.05	20.00	19.88	19.98	0.45	ppb

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	ICSAB08	Instrumnet Name :	P7
Client Sample ID :	ICSAB08	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 15:04:33	DataFile Name :	022ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	0.10	0.15	0.12	0.12	22.20	ppb
Tin	118-2						cps
Titanium	47-1	1985.54	2014.98	2035.14	2011.89	1.24	ppb
Uranium	238-1	0.01	0.02	0.01	0.01	10.35	ppb
Vanadium	51-2	19.61	19.70	19.49	19.60	0.54	ppb
Yttrium	89-1				111		%
Yttrium	89-2				112		%
Zinc	66-2	30.06	30.17	29.80	30.01	0.64	ppb
Zirconium	90-1	0.01	0.01	0.03	0.02	41.46	ppb
Zirconium	91-1	0.03	0.02	0.02	0.02	22.80	ppb

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	CCV32	Instrumnet Name :	P7
Client Sample ID :	CCV32	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 15:09:31	DataFile Name :	023CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49978.28	50223.18	50643.91	50281.79	0.67	ppb
Antimony	121-1	539.30	531.60	514.01	528.30	2.45	ppb
Arsenic	75-2	470.45	472.98	459.01	467.48	1.59	ppb
Barium	135-1	2575.71	2563.64	2432.22	2523.86	3.15	ppb
Barium	137-1	2564.76	2552.79	2440.81	2519.45	2.71	ppb
Beryllium	9-1	509.26	487.41	497.12	497.93	2.20	ppb
Bismuth	209-1				88		%
Bismuth	209-2				90		%
Boron	10-1	471.70	480.49	474.57	475.59	0.94	ppb
Boron	11-1	478.48	493.05	492.44	487.99	1.69	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	483.46	474.99	455.20	471.22	3.08	ppb
Cadmium	106-1	501.33	495.02	471.65	489.33	3.20	ppb
Cadmium	108-1	499.26	486.67	467.51	484.48	3.30	ppb
Calcium	43-1	259897.66	260307.29	254316.98	258173.98	1.30	ppb
Calcium	44-1	261211.02	258702.45	251644.92	257186.13	1.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	499.36	498.31	497.71	498.46	0.17	ppb
Cobalt	59-2	477.50	479.70	474.56	477.26	0.54	ppb
Copper	63-2	4890.53	4816.18	4823.17	4843.29	0.85	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				110		%
Indium	115-1				100		%
Indium	115-2				105		%
Iron	56-2	128339.18	126862.89	128045.69	127749.26	0.61	ppb
Iron	57-2	126434.54	127526.31	128048.51	127336.45	0.65	ppb

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	CCV32	Instrumnet Name :	P7
Client Sample ID :	CCV32	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 15:09:31	DataFile Name :	023CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	127533.01	127285.50	127361.99	127393.50	0.10	ppb
Krypton	83-1						cps
Lead	206-1	2797.44	2655.25	2622.11	2691.60	3.46	ppb
Lead	207-1	2717.53	2620.00	2572.01	2636.51	2.81	ppb
Lead	208-1	2729.05	2636.87	2572.30	2646.07	2.98	ppb
Lithium	6-1				101		%
Magnesium	24-2	250283.05	243028.74	246145.74	246485.84	1.48	ppb
Manganese	55-2	4905.74	4813.65	4895.35	4871.58	1.04	ppb
Molybdenum	94-1	5776.82	5601.50	5606.88	5661.73	1.76	ppb
Molybdenum	95-1	5782.06	5589.62	5602.87	5658.18	1.90	ppb
Molybdenum	96-1	5733.33	5526.34	5558.68	5606.11	1.99	ppb
Molybdenum	97-1	5763.10	5503.60	5572.23	5612.98	2.40	ppb
Molybdenum	98-1	5739.36	5553.48	5572.43	5621.76	1.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	457.98	450.57	452.60	453.72	0.84	ppb
Phosphorus	31-2	9613.74	9496.58	9820.45	9643.59	1.70	ppb
Potassium	39-2	122367.35	122152.16	121472.42	121997.31	0.38	ppb
Rhodium	103-1				95		%
Rhodium	103-2				98		%
Scandium	45-1				109		%
Scandium	45-2				115		%
Selenium	82-1	504.94	495.67	487.69	496.10	1.74	ppb
Selenium	77-2	503.40	491.67	464.39	486.49	4.11	ppb
Selenium	78-2	495.81	495.68	487.27	492.92	0.99	ppb
Silicon	28-1	431.40	420.19	421.27	424.29	1.46	ppb
Silver	107-1	485.19	477.12	463.41	475.24	2.32	ppb
Silver	109-1	479.76	476.94	458.99	471.90	2.39	ppb
Sodium	23-2	245841.07	244668.37	246734.65	245748.03	0.42	ppb
Strontium	86-1	5247.87	5064.37	5012.13	5108.13	2.42	ppb
Strontium	88-1	5190.74	4988.58	5048.18	5075.83	2.05	ppb
Sulfur	34-1	10146.96	10149.36	10135.28	10143.87	0.07	ppb
Terbium	159-1				107		%
Terbium	159-2				109		%
Thallium	203-1	558.01	524.17	523.48	535.22	3.69	ppb
Thallium	205-1	567.01	529.21	521.09	539.10	4.54	ppb

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	CCV32	Instrumnet Name :	P7
Client Sample ID :	CCV32	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 15:09:31	DataFile Name :	023CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	521.04	505.90	485.69	504.21	3.52	ppb
Tin	118-2						cps
Titanium	47-1	5780.94	5588.31	5492.28	5620.51	2.62	ppb
Uranium	238-1	559.53	529.19	522.63	537.12	3.67	ppb
Vanadium	51-2	500.06	492.80	508.97	500.61	1.62	ppb
Yttrium	89-1				107		%
Yttrium	89-2				111		%
Zinc	66-2	4693.76	4640.71	4705.33	4679.93	0.74	ppb
Zirconium	90-1	524.70	506.24	508.43	513.12	1.97	ppb
Zirconium	91-1	521.79	502.85	504.88	509.84	2.04	ppb

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	CCB32	Instrumnet Name :	P7
Client Sample ID :	CCB32	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 15:21:27	DataFile Name :	025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.96	1.76	1.58	1.43	29.49	ppb
Antimony	121-1	0.02	0.03	0.02	0.02	15.89	ppb
Arsenic	75-2	-0.01	-0.01	0.03	0.00	1527.49	ppb
Barium	135-1	0.04	0.05	0.05	0.05	12.31	ppb
Barium	137-1	0.04	0.06	0.03	0.04	35.60	ppb
Beryllium	9-1	0.01	0.01	0.00	0.01	52.55	ppb
Bismuth	209-1				73		%
Bismuth	209-2				78		%
Boron	10-1	-2.46	-1.77	-2.48	-2.24		ppb
Boron	11-1	-1.97	-1.91	-1.88	-1.92		ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.03	0.04	0.05	0.04	24.73	ppb
Cadmium	106-1	1.13	1.62	2.21	1.65	32.71	ppb
Cadmium	108-1	0.06	0.01	0.19	0.08	108.02	ppb
Calcium	43-1	-49.07	-41.68	-47.97	-46.24		ppb
Calcium	44-1	-3.82	-3.11	-5.72	-4.22		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.04	-0.01	-0.01	0.01	434.82	ppb
Cobalt	59-2	0.01	0.00	0.01	0.01	56.66	ppb
Copper	63-2	0.22	0.19	0.27	0.23	18.54	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				80		%
Holmium	165-2				84		%
Indium	115-1				84		%
Indium	115-2				88		%
Iron	56-2	1.54	1.45	1.97	1.65	16.71	ppb
Iron	57-2	2.35	2.89	3.79	3.01	24.05	ppb

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	CCB32	Instrumnet Name :	P7
Client Sample ID :	CCB32	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 15:21:27	DataFile Name :	025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	1.81	0.80	2.15	1.59	44.15	ppb
Krypton	83-1						cps
Lead	206-1	0.05	0.06	0.06	0.06	7.67	ppb
Lead	207-1	0.07	0.05	0.05	0.06	12.81	ppb
Lead	208-1	0.06	0.06	0.06	0.06	1.80	ppb
Lithium	6-1				75		%
Magnesium	24-2	1.04	1.10	1.78	1.31	31.41	ppb
Manganese	55-2	0.03	0.03	0.19	0.08	110.18	ppb
Molybdenum	94-1	0.06	0.08	0.10	0.08	28.53	ppb
Molybdenum	95-1	0.08	0.05	0.07	0.07	20.92	ppb
Molybdenum	96-1	0.06	0.05	0.06	0.06	17.52	ppb
Molybdenum	97-1	0.06	0.04	0.05	0.05	20.11	ppb
Molybdenum	98-1	0.08	0.05	0.07	0.07	26.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.05	0.03	0.07	0.05	40.76	ppb
Phosphorus	31-2	-2.08	-3.20	-6.09	-3.79		ppb
Potassium	39-2	34.69	31.39	36.21	34.10	7.24	ppb
Rhodium	103-1				85		%
Rhodium	103-2				87		%
Scandium	45-1				88		%
Scandium	45-2				89		%
Selenium	82-1	-0.05	-0.49	1.52	0.33	324.49	ppb
Selenium	77-2	0.00	0.00	0.18	0.06	173.21	ppb
Selenium	78-2	0.95	0.54	-0.10	0.46	115.11	ppb
Silicon	28-1	0.97	1.28	1.19	1.15	14.15	ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	17.20	17.00	19.44	17.88	7.57	ppb
Strontium	86-1	0.47	0.80	0.52	0.60	29.80	ppb
Strontium	88-1	0.03	0.02	0.02	0.03	16.38	ppb
Sulfur	34-1	990.50	1321.71	1297.93	1203.38	15.35	ppb
Terbium	159-1				81		%
Terbium	159-2				83		%
Thallium	203-1	0.06	0.09	0.10	0.08	24.20	ppb
Thallium	205-1	0.09	0.10	0.10	0.09	5.38	ppb

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	CCB32	Instrumnet Name :	P7
Client Sample ID :	CCB32	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 15:21:27	DataFile Name :	025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	-0.01	0.00	0.01	0.00		ppb
Tin	118-2						cps
Titanium	47-1	0.02	-0.01	0.00	0.00	650.85	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	18.19	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	32.73	ppb
Yttrium	89-1				87		%
Yttrium	89-2				88		%
Zinc	66-2	0.12	0.07	0.15	0.11	36.04	ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	79.29	ppb
Zirconium	91-1	0.01	0.00	-0.01	0.00		ppb

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 15:24:22	DataFile Name :	026LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.85	17.84	18.65	18.45	2.88	ppb
Antimony	121-1	1.98	1.87	1.89	1.91	3.09	ppb
Arsenic	75-2	1.13	1.13	0.99	1.08	7.25	ppb
Barium	135-1	9.59	9.31	9.61	9.50	1.77	ppb
Barium	137-1	9.41	9.24	9.03	9.23	2.05	ppb
Beryllium	9-1	1.02	0.95	1.00	0.99	3.36	ppb
Bismuth	209-1				98		%
Bismuth	209-2				100		%
Boron	10-1	18.59	19.08	19.95	19.21	3.59	ppb
Boron	11-1	17.38	18.53	19.21	18.37	5.04	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	1.02	1.03	0.98	1.01	2.67	ppb
Cadmium	106-1	2.93	3.05	2.07	2.68	20.06	ppb
Cadmium	108-1	0.94	1.01	1.07	1.01	6.62	ppb
Calcium	43-1	459.81	433.03	450.83	447.89	3.04	ppb
Calcium	44-1	509.56	491.06	486.15	495.59	2.49	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.07	1.96	1.97	2.00	2.91	ppb
Cobalt	59-2	1.02	0.98	1.00	1.00	2.12	ppb
Copper	63-2	2.09	2.15	2.19	2.14	2.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				106		%
Indium	115-1				106		%
Indium	115-2				108		%
Iron	56-2	53.10	52.93	52.46	52.83	0.62	ppb
Iron	57-2	53.03	53.48	51.66	52.72	1.80	ppb

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 15:24:22	DataFile Name :	026LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	53.22	56.09	55.15	54.82	2.66	ppb
Krypton	83-1						cps
Lead	206-1	0.91	0.93	0.88	0.91	2.90	ppb
Lead	207-1	0.87	0.86	0.86	0.86	0.63	ppb
Lead	208-1	0.88	0.86	0.86	0.87	1.03	ppb
Lithium	6-1				111		%
Magnesium	24-2	466.83	468.21	470.63	468.56	0.41	ppb
Manganese	55-2	0.92	0.92	0.97	0.94	2.86	ppb
Molybdenum	94-1	5.78	5.65	5.51	5.64	2.42	ppb
Molybdenum	95-1	4.87	4.70	4.80	4.79	1.75	ppb
Molybdenum	96-1	4.91	4.89	4.79	4.86	1.36	ppb
Molybdenum	97-1	4.92	4.82	4.69	4.81	2.45	ppb
Molybdenum	98-1	4.87	4.83	4.60	4.76	2.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.00	1.00	0.96	0.99	2.40	ppb
Phosphorus	31-2	8.08	8.95	14.63	10.55	33.70	ppb
Potassium	39-2	482.61	483.24	479.23	481.70	0.45	ppb
Rhodium	103-1				105		%
Rhodium	103-2				107		%
Scandium	45-1				109		%
Scandium	45-2				108		%
Selenium	82-1	5.26	5.02	4.94	5.07	3.35	ppb
Selenium	77-2	5.52	5.85	6.28	5.88	6.48	ppb
Selenium	78-2	4.35	5.33	5.12	4.94	10.42	ppb
Silicon	28-1	3.77	3.76	3.44	3.66	5.14	ppb
Silver	107-1	0.94	0.99	0.98	0.97	2.35	ppb
Silver	109-1	0.95	1.00	1.01	0.99	2.91	ppb
Sodium	23-2	467.41	467.64	461.62	465.56	0.73	ppb
Strontium	86-1	1.12	1.11	1.01	1.08	5.81	ppb
Strontium	88-1	0.99	0.96	0.96	0.97	1.87	ppb
Sulfur	34-1	184.53	79.44	-18.26	81.90	123.83	ppb
Terbium	159-1				106		%
Terbium	159-2				106		%
Thallium	203-1	0.94	0.95	0.98	0.96	2.29	ppb
Thallium	205-1	0.94	0.95	0.95	0.95	0.73	ppb

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 15:24:22	DataFile Name :	026LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	4.91	4.82	4.84	4.85	0.97	ppb
Tin	118-2						cps
Titanium	47-1	5.03	4.59	4.71	4.78	4.84	ppb
Uranium	238-1	0.81	0.78	0.77	0.79	2.33	ppb
Vanadium	51-2	4.80	4.68	4.75	4.74	1.26	ppb
Yttrium	89-1				106		%
Yttrium	89-2				107		%
Zinc	66-2	2.10	2.13	2.17	2.13	1.54	ppb
Zirconium	90-1	0.99	0.97	0.95	0.97	1.88	ppb
Zirconium	91-1	0.89	0.92	0.88	0.90	2.26	ppb

LB Number : LB119317 Operator : Jaswal
 Lab Sample ID : PB143529BL Instrumnet Name : P7
 Client Sample ID : PB143529BL Dilution Factor : 1
 Date & Time Acquired :: 2022-03-23 15:28:02 DataFile Name : 027CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.24	0.09	0.20	0.17	41.69	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	18.00	ppb
Arsenic	75-2	-0.02	-0.03	-0.02	-0.02		ppb
Barium	135-1	-0.02	-0.02	-0.02	-0.02		ppb
Barium	137-1	-0.01	0.00	-0.03	-0.01		ppb
Beryllium	9-1	0.00	0.01	0.00	0.00	94.48	ppb
Bismuth	209-1				97		%
Bismuth	209-2				101		%
Boron	10-1	-0.88	-1.35	-1.24	-1.15		ppb
Boron	11-1	-0.93	-1.37	-1.31	-1.20		ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.01	0.02	0.00	0.01	98.00	ppb
Cadmium	106-1	1.10	1.49	0.53	1.04	46.00	ppb
Cadmium	108-1	0.15	0.11	0.06	0.10	45.09	ppb
Calcium	43-1	-60.68	-61.91	-61.27	-61.29		ppb
Calcium	44-1	-14.97	-15.04	-15.46	-15.16		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.04	0.06	0.07	0.06	22.05	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.07	0.06	0.04	0.06	23.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				106		%
Indium	115-1				105		%
Indium	115-2				106		%
Iron	56-2	0.05	-0.04	0.05	0.02	259.80	ppb
Iron	57-2	0.66	0.56	0.37	0.53	27.52	ppb

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	PB143529BL	Instrumnet Name :	P7
Client Sample ID :	PB143529BL	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 15:28:02	DataFile Name :	027CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	0.58	0.06	-0.33	0.10	451.65	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.04	0.03	0.03	9.34	ppb
Lead	207-1	0.03	0.03	0.03	0.03	5.50	ppb
Lead	208-1	0.03	0.03	0.03	0.03	3.70	ppb
Lithium	6-1				112		%
Magnesium	24-2	0.16	0.36	0.51	0.34	51.77	ppb
Manganese	55-2	-0.05	-0.06	-0.07	-0.06		ppb
Molybdenum	94-1	-0.02	0.06	0.03	0.02	162.92	ppb
Molybdenum	95-1	0.03	0.01	0.03	0.02	33.49	ppb
Molybdenum	96-1	0.02	0.03	0.00	0.02	81.97	ppb
Molybdenum	97-1	0.01	0.02	0.00	0.01	92.04	ppb
Molybdenum	98-1	0.03	0.02	0.02	0.02	26.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.01	-0.01	0.00		ppb
Phosphorus	31-2	-12.28	-11.88	-13.60	-12.59		ppb
Potassium	39-2	2.03	2.12	4.22	2.79	44.46	ppb
Rhodium	103-1				103		%
Rhodium	103-2				107		%
Scandium	45-1				108		%
Scandium	45-2				107		%
Selenium	82-1	-1.07	1.30	-0.29	-0.02		ppb
Selenium	77-2	0.14	0.00	0.00	0.05	173.21	ppb
Selenium	78-2	0.26	-0.47	-0.03	-0.08		ppb
Silicon	28-1	0.79	0.63	0.50	0.64	22.38	ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Silver	109-1	0.00	0.00	0.00	0.00	12.49	ppb
Sodium	23-2	6.23	6.01	6.55	6.26	4.38	ppb
Strontium	86-1	0.27	0.05	0.12	0.15	74.98	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	20.65	ppb
Sulfur	34-1	194.64	53.45	16.51	88.20	106.59	ppb
Terbium	159-1				104		%
Terbium	159-2				105		%
Thallium	203-1	0.05	0.04	0.04	0.04	12.39	ppb
Thallium	205-1	0.06	0.05	0.05	0.05	7.87	ppb

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	PB143529BL	Instrumnet Name :	P7
Client Sample ID :	PB143529BL	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 15:28:02	DataFile Name :	027CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	0.00	0.00	0.00	0.00		ppb
Tin	118-2						cps
Titanium	47-1	0.05	-0.02	-0.03	0.00	1258.83	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	48.08	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	33.35	ppb
Yttrium	89-1				105		%
Yttrium	89-2				106		%
Zinc	66-2	-0.09	-0.07	-0.11	-0.09		ppb
Zirconium	90-1	0.00	0.01	0.00	0.00	89.84	ppb
Zirconium	91-1	-0.01	0.01	-0.01	-0.01		ppb

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	PB143529BS	Instrumnet Name :	P7
Client Sample ID :	PB143529BS	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 15:30:58	DataFile Name :	028LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9853.25	9690.36	9717.72	9753.78	0.89	ppb
Antimony	121-1	496.01	493.22	483.87	491.03	1.29	ppb
Arsenic	75-2	499.07	488.43	490.76	492.75	1.14	ppb
Barium	135-1	2499.51	2482.58	2418.78	2466.96	1.73	ppb
Barium	137-1	2517.04	2478.88	2459.96	2485.29	1.17	ppb
Beryllium	9-1	500.95	480.80	491.99	491.24	2.06	ppb
Bismuth	209-1				95		%
Bismuth	209-2				94		%
Boron	10-1	462.15	457.47	495.87	471.83	4.44	ppb
Boron	11-1	462.31	468.48	492.30	474.36	3.34	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	486.63	486.72	497.26	490.20	1.25	ppb
Cadmium	106-1	482.61	480.53	479.78	480.97	0.31	ppb
Cadmium	108-1	485.65	479.25	474.23	479.71	1.19	ppb
Calcium	43-1	55419.15	53691.81	54734.26	54615.08	1.59	ppb
Calcium	44-1	52979.92	52324.48	52231.53	52511.98	0.78	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	504.36	503.46	507.65	505.16	0.44	ppb
Cobalt	59-2	512.84	512.30	501.24	508.80	1.29	ppb
Copper	63-2	5121.96	5015.90	5100.28	5079.38	1.10	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				101		%
Indium	115-2				102		%
Iron	56-2	26492.54	26909.08	26535.81	26645.81	0.86	ppb
Iron	57-2	27044.45	27109.51	26407.92	26853.96	1.44	ppb

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	PB143529BS	Instrumnet Name :	P7
Client Sample ID :	PB143529BS	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 15:30:58	DataFile Name :	028LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	26669.71	26975.19	26891.68	26845.53	0.59	ppb
Krypton	83-1						cps
Lead	206-1	2540.35	2536.25	2534.16	2536.92	0.12	ppb
Lead	207-1	2499.87	2508.77	2490.57	2499.74	0.36	ppb
Lead	208-1	2497.60	2510.84	2486.15	2498.20	0.49	ppb
Lithium	6-1				108		%
Magnesium	24-2	50343.03	49977.61	49954.29	50091.64	0.44	ppb
Manganese	55-2	5013.51	5087.52	5031.27	5044.10	0.77	ppb
Molybdenum	94-1	5398.11	5439.39	5425.08	5420.86	0.39	ppb
Molybdenum	95-1	5470.66	5413.80	5441.42	5441.96	0.52	ppb
Molybdenum	96-1	5479.05	5427.99	5522.55	5476.53	0.86	ppb
Molybdenum	97-1	5496.12	5401.95	5474.31	5457.46	0.90	ppb
Molybdenum	98-1	5483.40	5470.68	5531.49	5495.19	0.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	492.62	493.27	490.30	492.06	0.32	ppb
Phosphorus	31-2	9790.05	9756.05	9854.97	9800.36	0.51	ppb
Potassium	39-2	24606.63	24785.48	24887.53	24759.88	0.57	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				106		%
Scandium	45-2				104		%
Selenium	82-1	494.17	491.34	487.86	491.12	0.64	ppb
Selenium	77-2	502.38	487.53	486.39	492.10	1.81	ppb
Selenium	78-2	495.37	487.92	489.32	490.87	0.81	ppb
Silicon	28-1	491.26	491.49	491.92	491.56	0.07	ppb
Silver	107-1	504.14	504.35	495.91	501.47	0.96	ppb
Silver	109-1	502.92	498.89	502.37	501.39	0.44	ppb
Sodium	23-2	51035.87	50643.29	50471.49	50716.88	0.57	ppb
Strontium	86-1	5008.80	4958.70	4971.90	4979.80	0.52	ppb
Strontium	88-1	4932.94	4952.52	4942.82	4942.76	0.20	ppb
Sulfur	34-1	10221.25	9851.88	9770.04	9947.72	2.42	ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	504.29	502.31	505.76	504.12	0.34	ppb
Thallium	205-1	512.06	508.35	499.23	506.55	1.30	ppb

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	PB143529BS	Instrumnet Name :	P7
Client Sample ID :	PB143529BS	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 15:30:58	DataFile Name :	028LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	507.03	504.83	498.33	503.40	0.90	ppb
Tin	118-2						cps
Titanium	47-1	5483.23	5401.54	5447.95	5444.24	0.75	ppb
Uranium	238-1	483.03	488.18	484.35	485.19	0.55	ppb
Vanadium	51-2	501.06	500.51	505.49	502.35	0.54	ppb
Yttrium	89-1				104		%
Yttrium	89-2				104		%
Zinc	66-2	5135.34	5001.55	5127.66	5088.18	1.48	ppb
Zirconium	90-1	498.38	493.58	490.95	494.31	0.76	ppb
Zirconium	91-1	501.03	492.85	490.89	494.93	1.09	ppb

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	N1986-01	Instrumnet Name :	P7
Client Sample ID :	PW-410	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 15:45:00	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	89.53	91.67	89.46	90.22	1.39	ppb
Antimony	121-1	0.05	0.05	0.05	0.05	2.60	ppb
Arsenic	75-2	0.09	0.06	0.05	0.07	23.96	ppb
Barium	135-1	143.40	146.53	141.94	143.96	1.63	ppb
Barium	137-1	145.48	148.55	145.07	146.37	1.30	ppb
Beryllium	9-1	0.17	0.14	0.14	0.15	13.14	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Boron	10-1	33.63	37.69	38.78	36.70	7.39	ppb
Boron	11-1	34.99	37.00	37.04	36.34	3.22	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.02	-0.01	0.00	0.01	273.68	ppb
Cadmium	106-1	-1.04	-1.32	-1.22	-1.20		ppb
Cadmium	108-1	-0.06	0.14	0.13	0.07	159.37	ppb
Calcium	43-1	452.54	437.55	440.70	443.60	1.78	ppb
Calcium	44-1	513.11	521.13	503.27	512.50	1.75	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.33	0.39	0.37	0.37	8.23	ppb
Cobalt	59-2	1.93	1.95	1.93	1.93	0.58	ppb
Copper	63-2	142.73	143.37	141.37	142.49	0.72	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				107		%
Holmium	165-2				107		%
Indium	115-1				107		%
Indium	115-2				107		%
Iron	56-2	22.48	21.78	21.24	21.83	2.86	ppb
Iron	57-2	23.93	24.87	23.33	24.04	3.23	ppb

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	N1986-01	Instrumnet Name :	P7
Client Sample ID :	PW-410	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 15:45:00	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	22.86	22.50	22.85	22.74	0.90	ppb
Krypton	83-1						cps
Lead	206-1	0.85	0.90	0.87	0.87	2.55	ppb
Lead	207-1	0.80	0.81	0.75	0.78	3.96	ppb
Lead	208-1	0.80	0.83	0.81	0.82	2.02	ppb
Lithium	6-1				110		%
Magnesium	24-2	2930.26	2975.01	2894.65	2933.31	1.37	ppb
Manganese	55-2	14.47	14.55	14.25	14.42	1.08	ppb
Molybdenum	94-1	0.22	0.13	0.11	0.15	38.70	ppb
Molybdenum	95-1	0.15	0.11	0.12	0.13	15.72	ppb
Molybdenum	96-1	0.16	0.11	0.10	0.13	25.42	ppb
Molybdenum	97-1	0.16	0.15	0.13	0.15	10.18	ppb
Molybdenum	98-1	0.16	0.11	0.14	0.14	17.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.93	1.89	2.06	1.96	4.40	ppb
Phosphorus	31-2	-4.64	-8.50	-6.79	-6.65		ppb
Potassium	39-2	1606.37	1608.56	1576.67	1597.20	1.11	ppb
Rhodium	103-1				103		%
Rhodium	103-2				105		%
Scandium	45-1				110		%
Scandium	45-2				106		%
Selenium	82-1	-0.94	-0.52	1.41	-0.01		ppb
Selenium	77-2	1.31	0.29	1.02	0.88	59.88	ppb
Selenium	78-2	0.47	0.01	0.00	0.16	167.33	ppb
Silicon	28-1	939.39	939.73	930.65	936.59	0.55	ppb
Silver	107-1	0.01	0.01	0.01	0.01	21.46	ppb
Silver	109-1	0.01	0.01	0.01	0.01	9.98	ppb
Sodium	23-2	22238.17	22442.46	21911.77	22197.47	1.21	ppb
Strontium	86-1	18.04	18.30	18.29	18.21	0.82	ppb
Strontium	88-1	17.98	17.87	17.95	17.93	0.30	ppb
Sulfur	34-1	-141.86	-265.20	-359.82	-255.63		ppb
Terbium	159-1				108		%
Terbium	159-2				106		%
Thallium	203-1	0.13	0.13	0.09	0.12	21.77	ppb
Thallium	205-1	0.14	0.14	0.11	0.13	11.20	ppb

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	N1986-01	Instrumnet Name :	P7
Client Sample ID :	PW-410	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 15:45:00	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	0.23	0.22	0.22	0.22	2.47	ppb
Tin	118-2						cps
Titanium	47-1	0.23	0.33	0.33	0.30	18.38	ppb
Uranium	238-1	0.04	0.04	0.04	0.04	5.89	ppb
Vanadium	51-2	0.02	0.02	0.02	0.02	8.32	ppb
Yttrium	89-1				106		%
Yttrium	89-2				107		%
Zinc	66-2	8.82	8.44	8.71	8.66	2.21	ppb
Zirconium	90-1	0.01	0.02	0.03	0.02	35.48	ppb
Zirconium	91-1	-0.01	0.01	0.01	0.01	174.72	ppb

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	N1986-01DUP	Instrumnet Name :	P7
Client Sample ID :	PW-410DUP	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 15:47:52	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	90.61	88.26	89.71	89.53	1.32	ppb
Antimony	121-1	0.02	0.02	0.02	0.02	1.03	ppb
Arsenic	75-2	0.05	0.02	0.08	0.05	56.06	ppb
Barium	135-1	144.98	144.81	144.59	144.79	0.14	ppb
Barium	137-1	146.04	145.42	145.29	145.58	0.28	ppb
Beryllium	9-1	0.16	0.13	0.13	0.14	9.99	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Boron	10-1	34.32	34.17	37.27	35.25	4.96	ppb
Boron	11-1	33.75	35.55	37.13	35.48	4.77	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	0.02	0.02	0.02	0.02	15.58	ppb
Cadmium	106-1	1.55	1.28	0.76	1.20	33.78	ppb
Cadmium	108-1	0.81	0.65	0.45	0.64	28.82	ppb
Calcium	43-1	432.87	463.92	460.00	452.26	3.74	ppb
Calcium	44-1	510.51	512.41	520.77	514.56	1.06	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.32	0.37	0.33	0.34	8.01	ppb
Cobalt	59-2	1.92	1.95	1.94	1.94	0.65	ppb
Copper	63-2	145.90	143.61	145.09	144.87	0.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				107		%
Indium	115-1				106		%
Indium	115-2				107		%
Iron	56-2	21.21	21.15	21.43	21.26	0.70	ppb
Iron	57-2	23.31	21.87	21.41	22.20	4.46	ppb

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	N1986-01DUP	Instrumnet Name :	P7
Client Sample ID :	PW-410DUP	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 15:47:52	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	22.41	21.94	22.38	22.24	1.20	ppb
Krypton	83-1						cps
Lead	206-1	0.82	0.83	0.89	0.85	4.19	ppb
Lead	207-1	0.80	0.75	0.80	0.78	3.52	ppb
Lead	208-1	0.79	0.79	0.82	0.80	1.90	ppb
Lithium	6-1				113		%
Magnesium	24-2	2975.85	2931.27	2953.74	2953.62	0.75	ppb
Manganese	55-2	14.74	14.62	14.49	14.62	0.86	ppb
Molybdenum	94-1	0.05	0.07	0.03	0.05	38.51	ppb
Molybdenum	95-1	0.05	0.04	0.03	0.04	16.22	ppb
Molybdenum	96-1	0.02	0.03	0.02	0.02	28.54	ppb
Molybdenum	97-1	0.05	0.02	0.04	0.04	48.32	ppb
Molybdenum	98-1	0.05	0.04	0.04	0.04	12.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.04	2.00	1.96	2.00	2.20	ppb
Phosphorus	31-2	0.55	-12.14	-0.25	-3.95		ppb
Potassium	39-2	1634.91	1590.25	1613.30	1612.82	1.38	ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				108		%
Scandium	45-2				106		%
Selenium	82-1	1.02	0.20	0.81	0.68	62.95	ppb
Selenium	77-2	0.59	1.17	0.29	0.68	65.05	ppb
Selenium	78-2	0.23	0.34	0.23	0.27	23.87	ppb
Silicon	28-1	920.82	946.60	930.54	932.65	1.40	ppb
Silver	107-1	0.00	0.00	0.01	0.00	36.33	ppb
Silver	109-1	0.00	0.01	0.01	0.01	34.86	ppb
Sodium	23-2	22540.53	22383.40	22404.70	22442.88	0.38	ppb
Strontium	86-1	18.03	17.71	17.76	17.83	0.97	ppb
Strontium	88-1	17.71	17.78	17.89	17.79	0.52	ppb
Sulfur	34-1	-368.36	-296.95	-318.65	-327.99		ppb
Terbium	159-1				108		%
Terbium	159-2				107		%
Thallium	203-1	0.06	0.05	0.07	0.06	12.36	ppb
Thallium	205-1	0.06	0.06	0.06	0.06	2.75	ppb

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	N1986-01DUP	Instrumnet Name :	P7
Client Sample ID :	PW-410DUP	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 15:47:52	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	0.19	0.21	0.22	0.21	6.09	ppb
Tin	118-2						cps
Titanium	47-1	0.22	0.25	0.27	0.25	10.06	ppb
Uranium	238-1	0.04	0.04	0.04	0.04	5.14	ppb
Vanadium	51-2	0.01	0.01	0.02	0.01	34.39	ppb
Yttrium	89-1				107		%
Yttrium	89-2				107		%
Zinc	66-2	8.59	8.51	8.14	8.42	2.88	ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	34.33	ppb
Zirconium	91-1	0.02	0.00	0.02	0.01	91.92	ppb

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	N1986-01LX5	Instrumnet Name :	P7
Client Sample ID :	PW-410L	Dilution Factor :	5
Date & Time Acquired ::	2022-03-23 15:50:46	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.11	18.32	17.32	17.92	2.95	ppb
Antimony	121-1	0.01	0.01	0.00	0.01	59.05	ppb
Arsenic	75-2	0.00	-0.02	0.00	-0.01		ppb
Barium	135-1	28.38	28.68	27.97	28.35	1.25	ppb
Barium	137-1	28.73	28.67	28.29	28.57	0.84	ppb
Beryllium	9-1	0.03	0.02	0.03	0.03	32.03	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Boron	10-1	5.77	7.39	6.66	6.60	12.32	ppb
Boron	11-1	6.77	7.02	6.99	6.93	1.97	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.01	-0.03	-0.04	-0.03		ppb
Cadmium	106-1	1.89	0.92	0.57	1.13	60.89	ppb
Cadmium	108-1	0.92	0.92	0.86	0.90	3.41	ppb
Calcium	43-1	44.22	40.37	29.64	38.08	19.84	ppb
Calcium	44-1	85.91	86.99	87.02	86.64	0.73	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.12	0.11	0.09	0.11	12.80	ppb
Cobalt	59-2	0.37	0.37	0.35	0.37	2.59	ppb
Copper	63-2	28.32	28.49	28.24	28.35	0.45	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				108		%
Holmium	165-2				105		%
Indium	115-1				107		%
Indium	115-2				106		%
Iron	56-2	4.51	4.36	4.48	4.45	1.79	ppb
Iron	57-2	5.94	5.42	4.23	5.20	16.87	ppb

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	N1986-01LX5	Instrumnet Name :	P7
Client Sample ID :	PW-410L	Dilution Factor :	5
Date & Time Acquired ::	2022-03-23 15:50:46	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	5.04	4.97	5.15	5.05	1.81	ppb
Krypton	83-1						cps
Lead	206-1	0.20	0.19	0.20	0.20	3.22	ppb
Lead	207-1	0.20	0.19	0.19	0.19	2.20	ppb
Lead	208-1	0.18	0.18	0.19	0.18	2.81	ppb
Lithium	6-1				111		%
Magnesium	24-2	559.40	562.39	552.91	558.23	0.87	ppb
Manganese	55-2	2.78	2.83	2.82	2.81	0.90	ppb
Molybdenum	94-1	0.07	0.03	0.01	0.04	75.17	ppb
Molybdenum	95-1	0.04	0.01	0.01	0.02	87.30	ppb
Molybdenum	96-1	0.01	-0.01	0.00	0.00		ppb
Molybdenum	97-1	0.03	0.02	0.01	0.02	43.10	ppb
Molybdenum	98-1	0.02	0.01	0.01	0.01	30.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.38	0.41	0.35	0.38	7.68	ppb
Phosphorus	31-2	-10.29	-10.23	-11.42	-10.65		ppb
Potassium	39-2	316.90	310.97	310.25	312.71	1.17	ppb
Rhodium	103-1				105		%
Rhodium	103-2				105		%
Scandium	45-1				110		%
Scandium	45-2				104		%
Selenium	82-1	-0.34	0.15	0.00	-0.06		ppb
Selenium	77-2	0.30	0.15	0.15	0.20	43.35	ppb
Selenium	78-2	0.15	-0.17	0.26	0.08	276.01	ppb
Silicon	28-1	180.64	180.21	182.10	180.98	0.55	ppb
Silver	107-1	-0.01	-0.01	-0.01	-0.01		ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	4417.88	4293.11	4317.87	4342.95	1.52	ppb
Strontium	86-1	3.55	3.59	3.52	3.55	0.96	ppb
Strontium	88-1	3.40	3.40	3.49	3.43	1.54	ppb
Sulfur	34-1	-395.43	-481.60	-454.30	-443.78		ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	0.03	0.03	0.03	0.03	7.92	ppb
Thallium	205-1	0.03	0.04	0.03	0.04	6.82	ppb

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	N1986-01LX5	Instrumnet Name :	P7
Client Sample ID :	PW-410L	Dilution Factor :	5
Date & Time Acquired ::	2022-03-23 15:50:46	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	0.08	0.03	0.11	0.08	54.54	ppb
Tin	118-2						cps
Titanium	47-1	0.01	0.03	0.04	0.03	60.84	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	16.51	ppb
Vanadium	51-2	0.00	0.01	0.01	0.01	33.47	ppb
Yttrium	89-1				107		%
Yttrium	89-2				105		%
Zinc	66-2	2.17	2.02	2.19	2.13	4.41	ppb
Zirconium	90-1	0.01	0.00	0.01	0.01	44.73	ppb
Zirconium	91-1	-0.01	-0.01	0.00	-0.01		ppb

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	N1986-01MS	Instrumnet Name :	P7
Client Sample ID :	PW-410MS	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 16:04:02	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9569.10	9293.67	9293.49	9385.42	1.69	ppb
Antimony	121-1	513.24	525.64	514.54	517.80	1.32	ppb
Arsenic	75-2	473.83	483.28	473.21	476.77	1.18	ppb
Barium	135-1	2521.75	2600.42	2510.86	2544.34	1.92	ppb
Barium	137-1	2493.46	2580.51	2537.29	2537.09	1.72	ppb
Beryllium	9-1	452.33	459.89	462.46	458.23	1.15	ppb
Bismuth	209-1				91		%
Bismuth	209-2				89		%
Boron	10-1	421.99	449.42	458.96	443.45	4.33	ppb
Boron	11-1	426.66	457.17	457.72	447.18	3.97	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	456.35	469.72	466.89	464.32	1.52	ppb
Cadmium	106-1	457.93	454.16	450.27	454.12	0.84	ppb
Cadmium	108-1	430.81	423.73	419.47	424.67	1.35	ppb
Calcium	43-1	49603.55	48667.49	49643.29	49304.78	1.12	ppb
Calcium	44-1	48524.25	48518.27	49148.15	48730.22	0.74	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	479.52	476.73	483.17	479.81	0.67	ppb
Cobalt	59-2	499.05	483.46	484.74	489.08	1.77	ppb
Copper	63-2	5621.98	5558.54	5556.84	5579.12	0.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				103		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	56-2	25651.80	25221.40	25522.38	25465.19	0.87	ppb
Iron	57-2	25602.94	25295.63	25208.42	25369.00	0.82	ppb

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	N1986-01MS	Instrumnet Name :	P7
Client Sample ID :	PW-410MS	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 16:04:02	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	25810.21	25553.73	25661.09	25675.01	0.50	ppb
Krypton	83-1						cps
Lead	206-1	2452.23	2526.45	2505.64	2494.77	1.53	ppb
Lead	207-1	2402.12	2504.61	2468.26	2458.33	2.11	ppb
Lead	208-1	2403.82	2488.04	2456.55	2449.47	1.74	ppb
Lithium	6-1				105		%
Magnesium	24-2	51745.22	50566.09	50848.44	51053.25	1.21	ppb
Manganese	55-2	5465.34	5455.37	5480.26	5466.99	0.23	ppb
Molybdenum	94-1	2814.80	2824.21	2851.96	2830.32	0.68	ppb
Molybdenum	95-1	2339.72	2344.81	2359.18	2347.90	0.43	ppb
Molybdenum	96-1	2374.05	2354.81	2424.72	2384.52	1.51	ppb
Molybdenum	97-1	2321.91	2337.54	2376.50	2345.32	1.20	ppb
Molybdenum	98-1	2333.01	2347.54	2370.87	2350.48	0.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	488.36	477.94	485.39	483.90	1.11	ppb
Phosphorus	31-2	-1.61	-4.23	-8.15	-4.66		ppb
Potassium	39-2	24961.52	24624.20	24964.35	24850.02	0.79	ppb
Rhodium	103-1				95		%
Rhodium	103-2				95		%
Scandium	45-1				105		%
Scandium	45-2				101		%
Selenium	82-1	419.44	423.35	425.41	422.73	0.72	ppb
Selenium	77-2	430.76	415.79	437.35	427.97	2.58	ppb
Selenium	78-2	419.70	433.20	427.67	426.85	1.59	ppb
Silicon	28-1	1056.03	1051.88	1078.23	1062.05	1.33	ppb
Silver	107-1	453.99	366.91	359.78	393.56	13.33	ppb
Silver	109-1	369.59	412.53	398.21	393.45	5.56	ppb
Sodium	23-2	71456.03	69710.94	70201.00	70455.99	1.28	ppb
Strontium	86-1	500.36	508.85	498.16	502.46	1.12	ppb
Strontium	88-1	494.06	496.41	499.31	496.59	0.53	ppb
Sulfur	34-1	-127.78	-198.91	-158.63	-161.77		ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	483.20	484.75	485.07	484.34	0.21	ppb
Thallium	205-1	477.98	493.64	483.64	485.08	1.63	ppb

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	N1986-01MS	Instrumnet Name :	P7
Client Sample ID :	PW-410MS	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 16:04:02	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	473.78	485.62	480.36	479.92	1.24	ppb
Tin	118-2						cps
Titanium	47-1	2337.29	2358.24	2362.57	2352.70	0.57	ppb
Uranium	238-1	457.80	466.66	464.83	463.10	1.01	ppb
Vanadium	51-2	491.70	481.66	492.24	488.53	1.22	ppb
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	4358.74	4328.04	4356.99	4347.92	0.40	ppb
Zirconium	90-1	464.19	462.39	467.38	464.65	0.54	ppb
Zirconium	91-1	460.73	469.08	466.35	465.39	0.92	ppb

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	N1986-01MSD	Instrumnet Name :	P7
Client Sample ID :	PW-410MSD	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 16:06:37	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9707.82	10560.50	9623.63	9963.98	5.20	ppb
Antimony	121-1	516.63	526.11	524.25	522.33	0.96	ppb
Arsenic	75-2	498.06	542.15	501.62	513.94	4.77	ppb
Barium	135-1	2538.57	2580.38	2575.12	2564.69	0.89	ppb
Barium	137-1	2563.28	2592.21	2572.95	2576.15	0.57	ppb
Beryllium	9-1	459.96	458.28	451.97	456.74	0.92	ppb
Bismuth	209-1				92		%
Bismuth	209-2				85		%
Boron	10-1	439.23	446.45	465.35	450.35	2.99	ppb
Boron	11-1	446.87	471.31	466.40	461.53	2.80	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	460.32	478.65	474.50	471.16	2.04	ppb
Cadmium	106-1	458.20	458.53	468.65	461.79	1.29	ppb
Cadmium	108-1	436.60	430.83	438.71	435.38	0.94	ppb
Calcium	43-1	49475.18	50057.40	49943.29	49825.29	0.62	ppb
Calcium	44-1	48675.14	50198.18	50254.05	49709.12	1.80	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	498.95	536.94	497.40	511.10	4.38	ppb
Cobalt	59-2	509.77	545.53	500.74	518.68	4.57	ppb
Copper	63-2	5860.52	6192.96	5818.52	5957.33	3.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				99		%
Indium	115-1				99		%
Indium	115-2				93		%
Iron	56-2	26512.15	28650.13	25949.52	27037.27	5.27	ppb
Iron	57-2	26646.40	28400.96	25774.73	26940.70	4.97	ppb

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	N1986-01MSD	Instrumnet Name :	P7
Client Sample ID :	PW-410MSD	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 16:06:37	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	26710.83	28825.03	26473.34	27336.40	4.74	ppb
Krypton	83-1						cps
Lead	206-1	2515.07	2519.73	2548.04	2527.61	0.71	ppb
Lead	207-1	2441.05	2486.68	2486.35	2471.36	1.06	ppb
Lead	208-1	2462.98	2466.41	2499.67	2476.35	0.82	ppb
Lithium	6-1				106		%
Magnesium	24-2	53195.41	57496.12	52780.06	54490.53	4.79	ppb
Manganese	55-2	5681.80	6079.20	5602.20	5787.73	4.42	ppb
Molybdenum	94-1	2850.59	2855.28	2905.37	2870.41	1.06	ppb
Molybdenum	95-1	2383.62	2411.91	2417.60	2404.38	0.76	ppb
Molybdenum	96-1	2421.28	2464.46	2459.28	2448.34	0.96	ppb
Molybdenum	97-1	2352.60	2392.75	2405.88	2383.74	1.16	ppb
Molybdenum	98-1	2375.33	2408.44	2439.33	2407.70	1.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	509.14	538.07	503.69	516.97	3.58	ppb
Phosphorus	31-2	-8.11	-7.99	-6.74	-7.61		ppb
Potassium	39-2	26046.18	27803.43	25992.45	26614.02	3.87	ppb
Rhodium	103-1				95		%
Rhodium	103-2				91		%
Scandium	45-1				104		%
Scandium	45-2				96		%
Selenium	82-1	426.83	433.28	433.88	431.33	0.91	ppb
Selenium	77-2	440.88	462.70	449.66	451.08	2.43	ppb
Selenium	78-2	448.21	480.13	446.79	458.37	4.11	ppb
Silicon	28-1	1057.38	1107.29	1093.18	1085.95	2.37	ppb
Silver	107-1	341.35	367.70	420.89	376.65	10.76	ppb
Silver	109-1	429.41	392.23	453.30	424.98	7.24	ppb
Sodium	23-2	72973.10	79151.82	72644.55	74923.16	4.89	ppb
Strontium	86-1	505.29	512.14	515.57	511.00	1.02	ppb
Strontium	88-1	504.00	507.31	507.82	506.38	0.41	ppb
Sulfur	34-1	-270.83	-184.92	-219.03	-224.93		ppb
Terbium	159-1				103		%
Terbium	159-2				97		%
Thallium	203-1	486.42	492.48	492.27	490.39	0.70	ppb
Thallium	205-1	482.76	491.03	491.30	488.36	0.99	ppb

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	N1986-01MSD	Instrumnet Name :	P7
Client Sample ID :	PW-410MSD	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 16:06:37	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	473.05	480.72	491.13	481.63	1.88	ppb
Tin	118-2						cps
Titanium	47-1	2387.98	2386.73	2423.18	2399.30	0.86	ppb
Uranium	238-1	462.98	463.22	472.18	466.13	1.12	ppb
Vanadium	51-2	505.23	533.96	504.83	514.67	3.24	ppb
Yttrium	89-1				102		%
Yttrium	89-2				96		%
Zinc	66-2	4526.06	4810.54	4470.83	4602.48	3.96	ppb
Zirconium	90-1	467.56	468.98	474.23	470.26	0.75	ppb
Zirconium	91-1	462.27	469.00	482.12	471.13	2.14	ppb

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	N1986-01A	Instrumnet Name :	P7
Client Sample ID :	PW-410A	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 16:09:15	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9418.46	9603.24	9611.20	9544.30	1.14	ppb
Antimony	121-1	512.92	518.13	528.24	519.76	1.50	ppb
Arsenic	75-2	491.39	482.39	487.18	486.99	0.92	ppb
Barium	135-1	2501.92	2539.07	2614.58	2551.86	2.25	ppb
Barium	137-1	2519.72	2517.88	2613.92	2550.51	2.15	ppb
Beryllium	9-1	469.62	451.21	449.32	456.72	2.46	ppb
Bismuth	209-1				92		%
Bismuth	209-2				89		%
Boron	10-1	446.08	440.10	458.75	448.31	2.12	ppb
Boron	11-1	449.39	460.41	463.49	457.76	1.62	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	456.29	466.92	473.40	465.54	1.86	ppb
Cadmium	106-1	462.63	462.38	478.36	467.79	1.96	ppb
Cadmium	108-1	423.43	430.96	445.93	433.44	2.64	ppb
Calcium	43-1	49870.97	49687.62	51928.66	50495.75	2.46	ppb
Calcium	44-1	49129.14	50176.61	50285.97	49863.91	1.28	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	485.41	487.41	490.96	487.93	0.58	ppb
Cobalt	59-2	492.79	494.00	498.57	495.12	0.62	ppb
Copper	63-2	5663.75	5701.18	5741.58	5702.17	0.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	56-2	25428.64	25805.36	25836.66	25690.22	0.88	ppb
Iron	57-2	25250.33	25510.97	25787.42	25516.24	1.05	ppb

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	N1986-01A	Instrumnet Name :	P7
Client Sample ID :	PW-410A	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 16:09:15	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	25632.29	26126.74	25862.80	25873.95	0.96	ppb
Krypton	83-1						cps
Lead	206-1	2511.43	2567.17	2518.91	2532.50	1.19	ppb
Lead	207-1	2459.66	2511.23	2459.37	2476.75	1.21	ppb
Lead	208-1	2467.84	2512.91	2466.21	2482.32	1.07	ppb
Lithium	6-1				109		%
Magnesium	24-2	51694.25	52423.29	52815.72	52311.09	1.09	ppb
Manganese	55-2	5481.32	5589.82	5542.23	5537.79	0.98	ppb
Molybdenum	94-1	2824.31	2845.58	2886.99	2852.29	1.12	ppb
Molybdenum	95-1	2331.05	2382.37	2381.60	2365.01	1.24	ppb
Molybdenum	96-1	2390.54	2427.57	2452.71	2423.60	1.29	ppb
Molybdenum	97-1	2365.32	2384.99	2426.99	2392.43	1.32	ppb
Molybdenum	98-1	2355.71	2372.27	2411.82	2379.94	1.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	485.49	487.39	495.67	489.52	1.11	ppb
Phosphorus	31-2	-4.21	-7.06	0.20	-3.69		ppb
Potassium	39-2	25083.50	25250.99	25208.19	25180.89	0.35	ppb
Rhodium	103-1				96		%
Rhodium	103-2				94		%
Scandium	45-1				104		%
Scandium	45-2				101		%
Selenium	82-1	429.60	424.94	434.14	429.56	1.07	ppb
Selenium	77-2	434.88	430.23	432.35	432.49	0.54	ppb
Selenium	78-2	438.13	433.98	433.18	435.10	0.61	ppb
Silicon	28-1	1068.76	1071.23	1118.51	1086.17	2.58	ppb
Silver	107-1	482.90	472.45	504.11	486.49	3.32	ppb
Silver	109-1	536.35	515.77	557.60	536.57	3.90	ppb
Sodium	23-2	71095.75	72289.54	72999.67	72128.32	1.33	ppb
Strontium	86-1	499.76	507.35	514.06	507.06	1.41	ppb
Strontium	88-1	498.17	501.75	505.15	501.69	0.70	ppb
Sulfur	34-1	-160.90	-227.58	-187.31	-191.93		ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	488.30	491.15	487.87	489.10	0.36	ppb
Thallium	205-1	482.92	488.29	485.38	485.53	0.55	ppb

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	N1986-01A	Instrumnet Name :	P7
Client Sample ID :	PW-410A	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 16:09:15	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	471.83	474.45	485.86	477.38	1.56	ppb
Tin	118-2						cps
Titanium	47-1	2385.97	2412.25	2416.67	2404.96	0.69	ppb
Uranium	238-1	465.63	476.25	467.90	469.93	1.19	ppb
Vanadium	51-2	486.50	488.80	493.62	489.64	0.74	ppb
Yttrium	89-1				103		%
Yttrium	89-2				101		%
Zinc	66-2	4380.58	4408.33	4412.47	4400.46	0.39	ppb
Zirconium	90-1	470.41	470.56	478.20	473.06	0.94	ppb
Zirconium	91-1	459.97	471.13	477.79	469.63	1.92	ppb

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	CCV33	Instrumnet Name :	P7
Client Sample ID :	CCV33	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 16:29:19	DataFile Name :	040CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51018.45	49588.12	50624.77	50410.45	1.47	ppb
Antimony	121-1	509.34	494.84	499.22	501.13	1.48	ppb
Arsenic	75-2	451.75	459.58	456.06	455.79	0.86	ppb
Barium	135-1	2480.76	2447.20	2430.59	2452.85	1.04	ppb
Barium	137-1	2452.22	2435.71	2454.71	2447.55	0.42	ppb
Beryllium	9-1	476.32	470.11	469.39	471.94	0.81	ppb
Bismuth	209-1				85		%
Bismuth	209-2				84		%
Boron	10-1	435.17	431.91	442.47	436.52	1.24	ppb
Boron	11-1	446.32	443.31	451.50	447.04	0.93	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	473.87	477.47	482.92	478.09	0.95	ppb
Cadmium	106-1	483.44	470.63	475.08	476.38	1.37	ppb
Cadmium	108-1	479.86	474.72	478.63	477.74	0.56	ppb
Calcium	43-1	246845.35	248153.79	243993.26	246330.80	0.86	ppb
Calcium	44-1	245693.68	245488.71	242198.63	244460.34	0.80	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	505.32	492.98	496.78	498.36	1.27	ppb
Cobalt	59-2	472.40	475.57	472.33	473.43	0.39	ppb
Copper	63-2	4821.36	4778.84	4808.97	4803.06	0.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				104		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	127556.29	126583.65	126969.88	127036.60	0.39	ppb
Iron	57-2	127093.64	127185.84	127576.56	127285.35	0.20	ppb

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	CCV33	Instrumnet Name :	P7
Client Sample ID :	CCV33	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 16:29:19	DataFile Name :	040CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	127903.17	125776.97	126288.37	126656.17	0.88	ppb
Krypton	83-1						cps
Lead	206-1	2622.39	2563.43	2601.29	2595.70	1.15	ppb
Lead	207-1	2561.98	2527.20	2540.85	2543.34	0.69	ppb
Lead	208-1	2563.53	2527.24	2531.24	2540.67	0.78	ppb
Lithium	6-1				107		%
Magnesium	24-2	251850.82	251762.44	252599.93	252071.06	0.18	ppb
Manganese	55-2	4878.50	4812.58	4826.52	4839.20	0.72	ppb
Molybdenum	94-1	5484.26	5401.76	5368.24	5418.09	1.10	ppb
Molybdenum	95-1	5486.61	5349.84	5370.50	5402.31	1.36	ppb
Molybdenum	96-1	5458.52	5329.04	5392.79	5393.45	1.20	ppb
Molybdenum	97-1	5406.26	5309.89	5354.76	5356.97	0.90	ppb
Molybdenum	98-1	5450.60	5344.49	5363.31	5386.14	1.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	471.59	473.54	472.37	472.50	0.21	ppb
Phosphorus	31-2	9825.12	9653.94	9741.18	9740.08	0.88	ppb
Potassium	39-2	122157.30	120455.56	123884.31	122165.73	1.40	ppb
Rhodium	103-1				94		%
Rhodium	103-2				94		%
Scandium	45-1				111		%
Scandium	45-2				109		%
Selenium	82-1	483.80	476.54	478.08	479.47	0.80	ppb
Selenium	77-2	492.75	475.72	473.91	480.80	2.16	ppb
Selenium	78-2	487.05	495.75	484.50	489.10	1.21	ppb
Silicon	28-1	412.93	409.71	407.69	410.11	0.64	ppb
Silver	107-1	468.93	456.18	460.90	462.00	1.39	ppb
Silver	109-1	460.62	454.24	455.33	456.73	0.75	ppb
Sodium	23-2	249588.52	246481.12	251663.61	249244.42	1.05	ppb
Strontium	86-1	4961.70	4919.64	4920.32	4933.89	0.49	ppb
Strontium	88-1	4918.86	4852.75	4865.57	4879.06	0.72	ppb
Sulfur	34-1	9079.53	9182.31	8848.21	9036.68	1.89	ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	521.82	513.23	524.98	520.01	1.17	ppb
Thallium	205-1	522.05	511.27	519.63	517.65	1.09	ppb

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	CCV33	Instrumnet Name :	P7
Client Sample ID :	CCV33	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 16:29:19	DataFile Name :	040CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	494.63	485.12	484.56	488.10	1.16	ppb
Tin	118-2						cps
Titanium	47-1	5398.98	5314.10	5299.97	5337.68	1.00	ppb
Uranium	238-1	508.38	509.33	505.28	507.66	0.42	ppb
Vanadium	51-2	499.95	499.65	496.58	498.72	0.37	ppb
Yttrium	89-1				108		%
Yttrium	89-2				107		%
Zinc	66-2	4632.27	4573.48	4606.22	4603.99	0.64	ppb
Zirconium	90-1	494.92	493.49	488.73	492.38	0.66	ppb
Zirconium	91-1	495.41	494.87	487.00	492.43	0.96	ppb

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	CCB33	Instrumnet Name :	P7
Client Sample ID :	CCB33	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 16:34:20	DataFile Name :	041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.23	4.32	4.61	4.38	4.54	ppb
Antimony	121-1	0.11	0.11	0.11	0.11	3.53	ppb
Arsenic	75-2	0.01	0.01	0.00	0.01	53.36	ppb
Barium	135-1	0.13	0.11	0.11	0.12	11.41	ppb
Barium	137-1	0.13	0.09	0.09	0.11	22.76	ppb
Beryllium	9-1	0.03	0.03	0.02	0.03	14.46	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Boron	10-1	5.59	6.02	5.01	5.54	9.13	ppb
Boron	11-1	5.43	5.22	5.03	5.23	3.84	ppb
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	111-1	-0.01	0.03	0.01	0.01	194.04	ppb
Cadmium	106-1	-0.06	0.67	0.09	0.24	163.28	ppb
Cadmium	108-1	0.39	0.13	0.16	0.23	62.50	ppb
Calcium	43-1	-55.70	-52.54	-53.81	-54.02		ppb
Calcium	44-1	-7.42	-5.78	-8.60	-7.26		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.05	0.03	0.03	78.76	ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	21.52	ppb
Copper	63-2	0.34	0.34	0.35	0.34	0.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				109		%
Indium	115-1				114		%
Indium	115-2				113		%
Iron	56-2	2.84	2.69	2.61	2.71	4.39	ppb
Iron	57-2	2.52	2.64	3.19	2.78	12.94	ppb

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	CCB33	Instrumnet Name :	P7
Client Sample ID :	CCB33	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 16:34:20	DataFile Name :	041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Iron	54-2	3.55	3.36	3.61	3.51	3.71	ppb
Krypton	83-1						cps
Lead	206-1	0.26	0.27	0.24	0.26	5.21	ppb
Lead	207-1	0.26	0.23	0.26	0.25	6.75	ppb
Lead	208-1	0.26	0.25	0.24	0.25	2.90	ppb
Lithium	6-1				123		%
Magnesium	24-2	5.44	5.52	5.20	5.39	3.08	ppb
Manganese	55-2	0.10	0.11	0.11	0.11	7.80	ppb
Molybdenum	94-1	0.36	0.29	0.22	0.29	24.20	ppb
Molybdenum	95-1	0.38	0.27	0.29	0.31	18.98	ppb
Molybdenum	96-1	0.36	0.26	0.25	0.29	22.25	ppb
Molybdenum	97-1	0.37	0.26	0.22	0.28	27.15	ppb
Molybdenum	98-1	0.36	0.31	0.28	0.32	13.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.06	0.03	0.04	39.52	ppb
Phosphorus	31-2	-12.65	-6.45	-8.60	-9.24		ppb
Potassium	39-2	15.79	16.91	15.23	15.97	5.35	ppb
Rhodium	103-1				114		%
Rhodium	103-2				112		%
Scandium	45-1				120		%
Scandium	45-2				114		%
Selenium	82-1	-0.35	0.37	0.68	0.24	225.84	ppb
Selenium	77-2	0.00	0.14	0.00	0.05	173.21	ppb
Selenium	78-2	0.34	0.54	0.34	0.41	29.36	ppb
Silicon	28-1	0.86	1.18	1.12	1.05	16.31	ppb
Silver	107-1	0.09	0.07	0.06	0.07	24.15	ppb
Silver	109-1	0.09	0.07	0.07	0.08	15.63	ppb
Sodium	23-2	25.98	25.77	25.20	25.65	1.58	ppb
Strontium	86-1	0.12	0.10	0.20	0.14	35.09	ppb
Strontium	88-1	0.12	0.12	0.10	0.12	10.50	ppb
Sulfur	34-1	-358.09	-298.36	-266.34	-307.60		ppb
Terbium	159-1				111		%
Terbium	159-2				109		%
Thallium	203-1	0.03	0.04	0.02	0.03	31.13	ppb
Thallium	205-1	0.04	0.05	0.04	0.04	5.47	ppb

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	CCB33	Instrumnet Name :	P7
Client Sample ID :	CCB33	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 16:34:20	DataFile Name :	041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Tin	118-1	0.06	0.04	0.02	0.04	41.40	ppb
Tin	118-2						cps
Titanium	47-1	0.05	0.10	0.10	0.08	35.89	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	0.53	ppb
Vanadium	51-2	0.01	0.02	0.02	0.01	13.04	ppb
Yttrium	89-1				115		%
Yttrium	89-2				113		%
Zinc	66-2	0.44	0.36	0.40	0.40	9.18	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	12.09	ppb
Zirconium	91-1	0.01	0.01	0.01	0.01	50.67	ppb

LB Number : LB119317 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P7
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2022-03-23 12:59:51 DataFile Name : 002CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	133	122	128	128	4.35	cps
Antimony	121-1	58	79	67	68	15.41	cps
Arsenic	75-2	22	13	13	16	33.32	cps
Barium	135-1	142	125	200	156	25.32	cps
Barium	137-1	283	267	125	225	38.67	cps
Beryllium	9-1	30	23	37	30	22.23	cps
Bismuth	209-1	10838265	10773352	10538822	10716813	1.47	cps
Bismuth	209-2	8700686	8646366	8636002	8661018	0.40	cps
Boron	10-1	3834	3884	4009	3909	2.31	cps
Boron	11-1	18628	18294	17519	18147	3.14	cps
Bromine	81-1	7477	7135	6885	7166	4.15	cps
Bromine	81-2	90	70	40	67	37.75	cps
Cadmium	111-1	1751	1789	1770	1770	1.06	cps
Cadmium	106-1	8832	8949	9003	8928	0.98	cps
Cadmium	108-1	88	79	92	86	7.39	cps
Calcium	43-1	2917	2650	2525	2698	7.42	cps
Calcium	44-1	16843	16701	16826	16790	0.46	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1793	1707	1880	1793	4.83	cps
Cobalt	59-2	173	180	190	181	4.63	cps
Copper	63-2	803	917	930	883	7.88	cps
Dysprosium	156-1	33	50	25	36	35.25	cps
Dysprosium	156-2	10	10	13	11	17.30	cps
Erbium	164-1	75	175	83	111	49.94	cps
Erbium	164-2	57	90	53	67	30.41	cps
Gadolinium	160-1	75	58	83	72	17.63	cps
Gadolinium	160-2	237	210	237	228	6.76	cps
Holmium	165-1	14267779	14178850	14252833	14233154	0.33	cps
Holmium	165-2	10009848	9987029	10001327	9999401	0.12	cps
Indium	115-1	10513894	10396249	10441284	10450476	0.57	cps
Indium	115-2	3457728	3408942	3428969	3431879	0.71	cps
Iron	56-2	9953	10237	9703	9965	2.68	cps
Iron	57-2	161	167	183	170	6.79	cps

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 12:59:51	DataFile Name :	002CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1392	1131	901	1141	21.51	cps
Krypton	83-1	5785	5528	5908	5740	3.38	cps
Lead	206-1	178	233	222	211	13.93	cps
Lead	207-1	239	111	239	196	37.58	cps
Lead	208-1	911	806	850	856	6.19	cps
Lithium	6-1	4554082	4550139	4629894	4578039	0.98	cps
Magnesium	24-2	217	217	278	237	14.89	cps
Manganese	55-2	597	510	553	553	7.83	cps
Molybdenum	94-1	342	308	300	317	6.96	cps
Molybdenum	95-1	75	25	58	53	48.24	cps
Molybdenum	96-1	308	183	200	231	29.44	cps
Molybdenum	97-1	33	67	33	44	43.31	cps
Molybdenum	98-1	133	75	108	106	27.73	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	50	47	70	56	22.71	cps
Phosphorus	31-2	308	400	142	283	46.22	cps
Potassium	39-2	23143	23969	23752	23622	1.81	cps
Rhodium	103-1	9142647	9190580	9103364	9145530	0.48	cps
Rhodium	103-2	5847047	5822940	5828168	5832718	0.22	cps
Scandium	45-1	6823809	6836113	6823192	6827705	0.11	cps
Scandium	45-2	543195	542738	551255	545729	0.88	cps
Selenium	82-1	-227	93	-280	-138	-146.38	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	119	87	111	106	15.59	cps
Silicon	28-1	154860	151922	153683	153488	0.96	cps
Silver	107-1	358	363	229	317	23.94	cps
Silver	109-1	188	154	129	157	18.65	cps
Sodium	23-2	12094	12155	12338	12196	1.04	cps
Strontium	86-1	8886	9345	9261	9164	2.67	cps
Strontium	88-1	467	392	517	458	13.73	cps
Sulfur	34-1	375469	375850	378403	376574	0.42	cps
Terbium	159-1	14208969	14253357	14496557	14319628	1.08	cps
Terbium	159-2	9793332	9749469	10012967	9851923	1.43	cps
Thallium	203-1	575	558	450	528	12.86	cps
Thallium	205-1	950	1100	975	1008	7.97	cps

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 12:59:51	DataFile Name :	002CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	1825	1792	1642	1753	5.57	cps
Tin	118-2	1826	581	821	1076	61.41	cps
Titanium	47-1	133	192	125	150	24.21	cps
Uranium	238-1	83	67	33	61	41.67	cps
Vanadium	51-2	0	7	10	6	91.64	cps
Yttrium	89-1	21300764	21344176	20960981	21201973	0.99	cps
Yttrium	89-2	4978207	4965508	4973039	4972251	0.13	cps
Zinc	66-2	573	583	490	549	9.34	cps
Zirconium	90-1	883	783	833	833	6.00	cps
Zirconium	91-1	150	217	200	189	18.37	cps

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 13:05:40	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7096	6885	6585	6855	3.75	cps
Antimony	121-1	21145	21320	21892	21452	1.82	cps
Arsenic	75-2	609	591	626	609	2.89	cps
Barium	135-1	27302	27043	27260	27202	0.51	cps
Barium	137-1	47798	46936	46352	47029	1.55	cps
Beryllium	9-1	3260	3170	3444	3292	4.23	cps
Bismuth	209-1	10846819	10880035	10620634	10782496	1.31	cps
Bismuth	209-2	8578415	8787430	8763725	8709857	1.31	cps
Boron	10-1	18128	19429	20172	19243	5.38	cps
Boron	11-1	87306	94573	96552	92810	5.25	cps
Bromine	81-1	7694	7469	7335	7499	2.42	cps
Bromine	81-2	50	30	50	43	26.65	cps
Cadmium	111-1	5051	5061	5217	5110	1.82	cps
Cadmium	106-1	9937	9837	10362	10045	2.78	cps
Cadmium	108-1	350	367	396	371	6.26	cps
Calcium	43-1	20222	21649	21833	21235	4.15	cps
Calcium	44-1	326649	327039	328914	327534	0.37	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	12252	12278	11858	12129	1.94	cps
Cobalt	59-2	8599	8673	8416	8563	1.54	cps
Copper	63-2	12505	12609	13029	12714	2.18	cps
Dysprosium	156-1	33	8	8	17	86.62	cps
Dysprosium	156-2	23	3	10	12	83.33	cps
Erbium	164-1	75	125	67	89	35.49	cps
Erbium	164-2	53	80	87	73	24.06	cps
Gadolinium	160-1	42	75	33	50	44.10	cps
Gadolinium	160-2	223	243	157	208	21.84	cps
Holmium	165-1	14562988	14477186	14262460	14434211	1.07	cps
Holmium	165-2	10033619	10154002	10340667	10176096	1.52	cps
Indium	115-1	10640272	10507236	10558138	10568549	0.64	cps
Indium	115-2	3438317	3420716	3475355	3444796	0.81	cps
Iron	56-2	261030	263125	264489	262881	0.66	cps
Iron	57-2	6879	6268	6791	6646	4.97	cps

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 13:05:40	DataFile Name :	004CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	15504	15925	15344	15591	1.93	cps
Krypton	83-1	5925	6035	5871	5943	1.40	cps
Lead	206-1	11922	12183	12200	12102	1.29	cps
Lead	207-1	9832	10121	9804	9919	1.77	cps
Lead	208-1	45842	46593	46760	46398	1.05	cps
Lithium	6-1	4575864	4623541	4423725	4541043	2.30	cps
Magnesium	24-2	311427	307233	306294	308318	0.89	cps
Manganese	55-2	4878	4591	4714	4727	3.04	cps
Molybdenum	94-1	22618	22868	22301	22596	1.26	cps
Molybdenum	95-1	26182	27618	27335	27045	2.81	cps
Molybdenum	96-1	30015	31100	31075	30730	2.02	cps
Molybdenum	97-1	16118	16868	16159	16382	2.58	cps
Molybdenum	98-1	44920	44710	43424	44351	1.83	cps
Neodymium	150-1	0	20	7	9	114.55	cps
Neodymium	150-2	0	0	10	3	173.21	cps
Nickel	60-2	2174	2087	2294	2185	4.75	cps
Phosphorus	31-2	525	550	692	589	15.26	cps
Potassium	39-2	306891	302341	307702	305645	0.95	cps
Rhodium	103-1	9176614	9184930	9214511	9192018	0.22	cps
Rhodium	103-2	5858381	5763392	5850012	5823928	0.90	cps
Scandium	45-1	7059636	6941989	6870335	6957320	1.37	cps
Scandium	45-2	549850	547084	545127	547354	0.43	cps
Selenium	82-1	914	1096	1238	1082	14.99	cps
Selenium	77-2	127	87	110	108	18.64	cps
Selenium	78-2	467	522	481	490	5.87	cps
Silicon	28-1	237638	233094	240550	237094	1.58	cps
Silver	107-1	14637	15450	14866	14984	2.80	cps
Silver	109-1	13923	14182	15258	14455	4.90	cps
Sodium	23-2	507815	505328	503679	505607	0.41	cps
Strontium	86-1	13632	13490	13240	13454	1.48	cps
Strontium	88-1	33247	33422	33539	33403	0.44	cps
Sulfur	34-1	371489	375483	371019	372664	0.66	cps
Terbium	159-1	14894949	14529549	14277505	14567334	2.13	cps
Terbium	159-2	9941501	9874167	9911702	9909124	0.34	cps
Thallium	203-1	14366	14441	13540	14116	3.54	cps
Thallium	205-1	34294	35555	34018	34623	2.37	cps

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 13:05:40	DataFile Name :	004CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	52472	50623	51243	51446	1.83	cps
Tin	118-2	21027	20295	20566	20629	1.79	cps
Titanium	47-1	8228	8628	8603	8486	2.64	cps
Uranium	238-1	42230	44278	42856	43121	2.43	cps
Vanadium	51-2	21949	21929	21736	21872	0.54	cps
Yttrium	89-1	21486736	21572436	21281021	21446731	0.70	cps
Yttrium	89-2	5020331	4939017	4953672	4971007	0.87	cps
Zinc	66-2	3064	2927	3030	3007	2.37	cps
Zirconium	90-1	19213	20323	20339	19958	3.23	cps
Zirconium	91-1	4568	4392	4101	4354	5.42	cps

LB Number : LB119317 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P7
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2022-03-23 13:11:29 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	324180	327040	325728	325649	0.44	cps
Antimony	121-1	571608	576163	575969	574580	0.45	cps
Arsenic	75-2	29952	29776	30767	30165	1.75	cps
Barium	135-1	728963	734876	736074	733304	0.52	cps
Barium	137-1	1269037	1279472	1284455	1277655	0.62	cps
Beryllium	9-1	167687	168888	165556	167377	1.01	cps
Bismuth	209-1	10407582	10596326	10636680	10546863	1.16	cps
Bismuth	209-2	8402221	8455374	8553524	8470373	0.91	cps
Boron	10-1	39776	43621	43512	42303	5.17	cps
Boron	11-1	191413	203789	209788	201663	4.65	cps
Bromine	81-1	7110	7294	7435	7280	2.24	cps
Bromine	81-2	50	60	50	53	10.83	cps
Cadmium	111-1	170015	174343	169930	171429	1.47	cps
Cadmium	106-1	30595	30620	30616	30610	0.04	cps
Cadmium	108-1	14891	15091	15917	15300	3.56	cps
Calcium	43-1	231194	230002	230524	230573	0.26	cps
Calcium	44-1	3236834	3313209	3299280	3283108	1.24	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	277269	277007	278990	277755	0.39	cps
Cobalt	59-2	435620	441332	434049	437000	0.88	cps
Copper	63-2	3054810	3060247	3018586	3044548	0.74	cps
Dysprosium	156-1	50	75	108	78	37.63	cps
Dysprosium	156-2	23	47	47	39	34.65	cps
Erbium	164-1	42	158	125	108	55.47	cps
Erbium	164-2	73	100	67	80	22.05	cps
Gadolinium	160-1	67	42	92	67	37.50	cps
Gadolinium	160-2	203	260	247	237	12.52	cps
Holmium	165-1	14073336	14055950	14185731	14105006	0.50	cps
Holmium	165-2	9900731	9931346	10008018	9946698	0.56	cps
Indium	115-1	10178421	10300803	10364908	10281377	0.92	cps
Indium	115-2	3353585	3419774	3382893	3385417	0.98	cps
Iron	56-2	13113838	13049203	13151198	13104746	0.39	cps
Iron	57-2	339090	336510	334675	336758	0.66	cps

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 13:11:29	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	768319	762596	759432	763449	0.59	cps
Krypton	83-1	5778	5831	5808	5806	0.46	cps
Lead	206-1	3263368	3308986	3244294	3272216	1.02	cps
Lead	207-1	2895623	2886550	2883560	2888578	0.22	cps
Lead	208-1	12947917	13115260	13071801	13044993	0.67	cps
Lithium	6-1	4529365	4479020	4577781	4528722	1.09	cps
Magnesium	24-2	3258048	3303212	3277160	3279473	0.69	cps
Manganese	55-2	2152820	2134049	2163901	2150257	0.70	cps
Molybdenum	94-1	2110657	2162456	2157794	2143636	1.34	cps
Molybdenum	95-1	3137795	3181313	3167156	3162088	0.70	cps
Molybdenum	96-1	3477525	3466793	3445037	3463118	0.48	cps
Molybdenum	97-1	1935468	1936127	1912834	1928143	0.69	cps
Molybdenum	98-1	5052132	5115998	5105121	5091084	0.67	cps
Neodymium	150-1	47	80	67	64	26.03	cps
Neodymium	150-2	17	17	13	16	12.40	cps
Nickel	60-2	112394	111914	110493	111601	0.89	cps
Phosphorus	31-2	17110	17227	16601	16979	1.96	cps
Potassium	39-2	1478667	1467722	1488616	1478335	0.71	cps
Rhodium	103-1	8836118	8773114	8907263	8838832	0.76	cps
Rhodium	103-2	5758374	5736776	5646525	5713892	1.04	cps
Scandium	45-1	6700135	6763394	6717905	6727145	0.48	cps
Scandium	45-2	538868	532711	537498	536359	0.60	cps
Selenium	82-1	13300	13391	13839	13510	2.13	cps
Selenium	77-2	1200	1177	1167	1181	1.45	cps
Selenium	78-2	4102	4165	3997	4088	2.08	cps
Silicon	28-1	1718205	1699175	1706534	1707972	0.56	cps
Silver	107-1	809908	806946	808750	808535	0.18	cps
Silver	109-1	778623	784541	787852	783672	0.60	cps
Sodium	23-2	5306306	5357292	5370612	5344737	0.64	cps
Strontium	86-1	2082328	2051128	2022481	2051979	1.46	cps
Strontium	88-1	17144925	16920358	16992686	17019323	0.67	cps
Sulfur	34-1	468352	468051	464585	466996	0.45	cps
Terbium	159-1	14194022	14297840	14278519	14256794	0.39	cps
Terbium	159-2	9622968	10036044	9730298	9796436	2.19	cps
Thallium	203-1	742118	753339	764234	753230	1.47	cps
Thallium	205-1	1837646	1853359	1855416	1848807	0.53	cps

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 13:11:29	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	515266	520306	532370	522647	1.68	cps
Tin	118-2	208685	212749	209134	210189	1.06	cps
Titanium	47-1	951043	969274	949591	956636	1.15	cps
Uranium	238-1	2575583	2579167	2531201	2561984	1.04	cps
Vanadium	51-2	231314	226515	227717	228515	1.09	cps
Yttrium	89-1	21137792	20491956	21033134	20887627	1.66	cps
Yttrium	89-2	4860930	4984548	4878846	4908108	1.36	cps
Zinc	66-2	561090	566915	563209	563738	0.52	cps
Zirconium	90-1	1023058	1029661	1023904	1025541	0.35	cps
Zirconium	91-1	227412	229772	231245	229476	0.84	cps

LB Number : LB119317 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2022-03-23 13:14:13 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	791639	789479	787215	789445	0.28	cps
Antimony	121-1	1442675	1443256	1433805	1439912	0.37	cps
Arsenic	75-2	74439	73315	73650	73801	0.78	cps
Barium	135-1	1814426	1819275	1847045	1826915	0.96	cps
Barium	137-1	3218291	3251516	3199310	3223039	0.82	cps
Beryllium	9-1	414000	414494	412721	413739	0.22	cps
Bismuth	209-1	10221897	10866632	10776891	10621807	3.29	cps
Bismuth	209-2	8577478	8472357	8446987	8498941	0.81	cps
Boron	10-1	99520	101381	106667	102523	3.62	cps
Boron	11-1	469039	484078	500438	484518	3.24	cps
Bromine	81-1	7460	7694	7569	7574	1.54	cps
Bromine	81-2	50	80	80	70	24.74	cps
Cadmium	111-1	420823	424557	422707	422696	0.44	cps
Cadmium	106-1	60455	60794	61622	60957	0.99	cps
Cadmium	108-1	38263	38042	38000	38102	0.37	cps
Calcium	43-1	558218	571533	571560	567103	1.36	cps
Calcium	44-1	7998044	8182322	8253641	8144669	1.62	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	685927	674152	680649	680243	0.87	cps
Cobalt	59-2	1087492	1074111	1074698	1078767	0.70	cps
Copper	63-2	7376642	7310936	7307068	7331549	0.53	cps
Dysprosium	156-1	100	175	100	125	34.64	cps
Dysprosium	156-2	80	93	93	89	8.66	cps
Erbium	164-1	142	100	100	114	21.12	cps
Erbium	164-2	77	103	70	83	21.16	cps
Gadolinium	160-1	75	158	167	133	38.02	cps
Gadolinium	160-2	213	310	257	260	18.62	cps
Holmium	165-1	13612221	14337187	14556068	14168492	3.49	cps
Holmium	165-2	10096260	9820991	9995512	9970921	1.40	cps
Indium	115-1	9800471	10166991	10443809	10137090	3.18	cps
Indium	115-2	3363782	3360784	3350784	3358450	0.20	cps
Iron	56-2	32278861	31989342	31660792	31976332	0.97	cps
Iron	57-2	826660	823756	814207	821541	0.79	cps

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 13:14:13	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1810794	1791919	1806288	1803000	0.55	cps
Krypton	83-1	5398	5418	5841	5552	4.51	cps
Lead	206-1	8168675	8237419	8204166	8203420	0.42	cps
Lead	207-1	7138295	7281331	7174610	7198079	1.03	cps
Lead	208-1	32583060	32953849	32635517	32724142	0.61	cps
Lithium	6-1	4303503	4539318	4454635	4432485	2.70	cps
Magnesium	24-2	8173610	8129497	7982897	8095335	1.23	cps
Manganese	55-2	5208165	5140484	5146257	5164969	0.73	cps
Molybdenum	94-1	5345669	5449829	5354237	5383245	1.07	cps
Molybdenum	95-1	7893872	7949303	7926285	7923153	0.35	cps
Molybdenum	96-1	8608058	8637475	8686208	8643914	0.46	cps
Molybdenum	97-1	4810434	4849501	4838510	4832815	0.42	cps
Molybdenum	98-1	12799519	12722851	12702587	12741652	0.40	cps
Neodymium	150-1	140	153	227	173	26.92	cps
Neodymium	150-2	37	43	20	33	36.05	cps
Nickel	60-2	272667	272176	273001	272614	0.15	cps
Phosphorus	31-2	40588	40053	39585	40075	1.25	cps
Potassium	39-2	3571748	3536390	3542810	3550316	0.53	cps
Rhodium	103-1	8414354	8928773	8869138	8737422	3.22	cps
Rhodium	103-2	5602452	5652771	5641051	5632091	0.47	cps
Scandium	45-1	6462094	6937827	6855088	6751670	3.76	cps
Scandium	45-2	539441	531309	535906	535552	0.76	cps
Selenium	82-1	33909	34121	34288	34106	0.56	cps
Selenium	77-2	2704	2690	2874	2756	3.71	cps
Selenium	78-2	9592	9900	9783	9758	1.59	cps
Silicon	28-1	3870251	3907948	3922745	3900315	0.69	cps
Silver	107-1	1974967	2012364	2036168	2007833	1.54	cps
Silver	109-1	1926840	1933892	1937108	1932613	0.27	cps
Sodium	23-2	13317706	13278301	13199799	13265269	0.45	cps
Strontium	86-1	5088648	5108523	5050121	5082431	0.58	cps
Strontium	88-1	43093735	42942455	42980270	43005487	0.18	cps
Sulfur	34-1	605245	605210	604808	605087	0.04	cps
Terbium	159-1	13857144	14498322	14759473	14371646	3.23	cps
Terbium	159-2	9877847	9740944	9790722	9803171	0.71	cps
Thallium	203-1	1979143	1983668	1962325	1975045	0.57	cps
Thallium	205-1	4665747	4726896	4633800	4675481	1.01	cps

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 13:14:13	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	1310986	1312943	1304350	1309426	0.34	cps
Tin	118-2	517366	511635	519156	516052	0.76	cps
Titanium	47-1	2387736	2402485	2373323	2387848	0.61	cps
Uranium	238-1	6517144	6455288	6458750	6477061	0.54	cps
Vanadium	51-2	560134	558030	555592	557919	0.41	cps
Yttrium	89-1	19943948	21181693	21153264	20759635	3.40	cps
Yttrium	89-2	4879841	4925340	4848117	4884432	0.79	cps
Zinc	66-2	1370537	1363680	1364386	1366201	0.28	cps
Zirconium	90-1	2486943	2562821	2522698	2524154	1.50	cps
Zirconium	91-1	557874	575147	565411	566144	1.53	cps

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 13:17:00	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1641404	1612203	1642930	1632179	1.06	cps
Antimony	121-1	2829389	2864605	2854308	2849434	0.64	cps
Arsenic	75-2	144001	144310	144626	144313	0.22	cps
Barium	135-1	3596051	3731201	3677997	3668416	1.86	cps
Barium	137-1	6333077	6385610	6410524	6376404	0.62	cps
Beryllium	9-1	801841	817813	816974	812209	1.11	cps
Bismuth	209-1	10630957	9960685	10546294	10379312	3.52	cps
Bismuth	209-2	8573462	8472066	8464011	8503179	0.72	cps
Boron	10-1	190142	197184	200433	195920	2.69	cps
Boron	11-1	916696	937656	965948	940100	2.63	cps
Bromine	81-1	7052	7019	7419	7163	3.10	cps
Bromine	81-2	30	40	60	43	35.25	cps
Cadmium	111-1	812993	831052	827581	823875	1.16	cps
Cadmium	106-1	109048	112474	111894	111139	1.65	cps
Cadmium	108-1	72086	75152	74889	74042	2.29	cps
Calcium	43-1	1092784	1131509	1130047	1118113	1.96	cps
Calcium	44-1	15655683	16215060	16026699	15965814	1.78	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1321086	1314478	1333421	1322995	0.73	cps
Cobalt	59-2	2083379	2105134	2100839	2096450	0.55	cps
Copper	63-2	14281616	14401458	14174215	14285763	0.80	cps
Dysprosium	156-1	192	242	150	194	23.61	cps
Dysprosium	156-2	223	213	230	222	3.77	cps
Erbium	164-1	242	142	42	142	70.59	cps
Erbium	164-2	113	133	90	112	19.33	cps
Gadolinium	160-1	200	183	175	186	6.84	cps
Gadolinium	160-2	353	307	300	320	9.08	cps
Holmium	165-1	14294238	13159818	14439822	13964626	5.02	cps
Holmium	165-2	10203356	10155641	10051634	10136877	0.77	cps
Indium	115-1	10087634	9266894	10228621	9861050	5.27	cps
Indium	115-2	3424068	3363672	3417108	3401616	0.97	cps
Iron	56-2	62147263	63704903	63245519	63032562	1.27	cps
Iron	57-2	1571418	1590964	1567877	1576753	0.79	cps

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 13:17:00	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	3484553	3573030	3581101	3546228	1.51	cps
Krypton	83-1	5694	5895	6005	5865	2.68	cps
Lead	206-1	16488532	16625618	16254280	16456144	1.14	cps
Lead	207-1	14372286	14609005	14265841	14415711	1.22	cps
Lead	208-1	65107934	66685177	64777111	65523407	1.56	cps
Lithium	6-1	4394197	4247822	4482802	4374940	2.71	cps
Magnesium	24-2	15993253	15790974	15815895	15866708	0.70	cps
Manganese	55-2	10124759	10226412	10266235	10205802	0.71	cps
Molybdenum	94-1	10391395	10583672	10648477	10541181	1.27	cps
Molybdenum	95-1	15188356	15602729	15607781	15466289	1.56	cps
Molybdenum	96-1	16725139	17242624	17201618	17056460	1.69	cps
Molybdenum	97-1	9439047	9591161	9654004	9561404	1.16	cps
Molybdenum	98-1	24921874	25198119	25068543	25062845	0.55	cps
Neodymium	150-1	387	307	307	333	13.86	cps
Neodymium	150-2	50	67	73	63	18.98	cps
Nickel	60-2	522077	525357	522160	523198	0.36	cps
Phosphorus	31-2	81023	79624	81258	80635	1.10	cps
Potassium	39-2	7038432	6959741	7004178	7000783	0.56	cps
Rhodium	103-1	8626140	8001064	8511992	8379732	3.97	cps
Rhodium	103-2	5639910	5597118	5636630	5624553	0.42	cps
Scandium	45-1	6677152	6254700	6576938	6502930	3.39	cps
Scandium	45-2	550666	544961	541237	545621	0.87	cps
Selenium	82-1	65200	66749	65735	65895	1.19	cps
Selenium	77-2	5795	5658	5594	5682	1.80	cps
Selenium	78-2	18816	18519	18569	18635	0.85	cps
Silicon	28-1	7323113	7548779	7585621	7485838	1.90	cps
Silver	107-1	3822202	3887092	3894168	3867821	1.03	cps
Silver	109-1	3669393	3751548	3665444	3695462	1.32	cps
Sodium	23-2	26323305	26068906	26390854	26261022	0.65	cps
Strontium	86-1	9739841	10446404	10184978	10123741	3.53	cps
Strontium	88-1	83852885	86800658	86182402	85611982	1.82	cps
Sulfur	34-1	815890	817615	816481	816662	0.11	cps
Terbium	159-1	14904112	13389240	14596958	14296770	5.60	cps
Terbium	159-2	10047591	9936056	10029021	10004223	0.60	cps
Thallium	203-1	3900362	3899645	3950524	3916844	0.74	cps
Thallium	205-1	9152608	9215118	9200528	9189418	0.36	cps

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 13:17:00	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	2557608	2584169	2627203	2589660	1.36	cps
Tin	118-2	1022395	1013262	1017825	1017827	0.45	cps
Titanium	47-1	4611395	4773003	4591986	4658795	2.13	cps
Uranium	238-1	12823026	13272135	12921287	13005483	1.82	cps
Vanadium	51-2	1100442	1098433	1100521	1099799	0.11	cps
Yttrium	89-1	21112133	19574578	21067090	20584600	4.25	cps
Yttrium	89-2	4936849	4916569	4930980	4928133	0.21	cps
Zinc	66-2	2642294	2619257	2602415	2621322	0.76	cps
Zirconium	90-1	4920216	5040695	5051489	5004133	1.46	cps
Zirconium	91-1	1110339	1146924	1155039	1137434	2.09	cps

LB Number : LB119317 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P7
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2022-03-23 13:19:44 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3033265	3100447	3088425	3074046	1.17	cps
Antimony	121-1	5520461	5457635	5471198	5483098	0.60	cps
Arsenic	75-2	276703	278592	277025	277440	0.36	cps
Barium	135-1	7112405	7176006	7017937	7102116	1.12	cps
Barium	137-1	12407177	12466061	12448351	12440530	0.24	cps
Beryllium	9-1	1581592	1619596	1534175	1578454	2.71	cps
Bismuth	209-1	10053778	10467416	10212719	10244637	2.04	cps
Bismuth	209-2	8447383	8268649	8093017	8269683	2.14	cps
Boron	10-1	361081	388627	373865	374524	3.68	cps
Boron	11-1	1753623	1819441	1795875	1789646	1.86	cps
Bromine	81-1	7027	7010	6868	6968	1.25	cps
Bromine	81-2	80	40	50	57	36.74	cps
Cadmium	111-1	1608793	1599064	1573634	1593830	1.14	cps
Cadmium	106-1	203992	204285	206359	204878	0.63	cps
Cadmium	108-1	143066	144291	141946	143101	0.82	cps
Calcium	43-1	2130422	2080801	2050616	2087280	1.93	cps
Calcium	44-1	31675104	31417538	30676157	31256266	1.66	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2541228	2569835	2556622	2555895	0.56	cps
Cobalt	59-2	4055417	4013339	3993888	4020881	0.78	cps
Copper	63-2	27584055	27467438	27201042	27417512	0.72	cps
Dysprosium	156-1	442	400	358	400	10.42	cps
Dysprosium	156-2	367	377	403	382	4.96	cps
Erbium	164-1	167	200	175	181	9.61	cps
Erbium	164-2	117	137	123	126	8.11	cps
Gadolinium	160-1	250	342	283	292	15.91	cps
Gadolinium	160-2	440	407	453	433	5.55	cps
Holmium	165-1	14080427	14808424	14108984	14332612	2.88	cps
Holmium	165-2	10441644	10096069	9902370	10146695	2.69	cps
Indium	115-1	9625698	10136505	9898744	9886982	2.59	cps
Indium	115-2	3395670	3301866	3231062	3309532	2.49	cps
Iron	56-2	123245494	121926939	121462044	122211493	0.76	cps
Iron	57-2	3079904	3021913	3039307	3047041	0.98	cps

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 13:19:44	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	6865296	6855109	6749333	6823246	0.94	cps
Krypton	83-1	5498	5424	5691	5538	2.49	cps
Lead	206-1	31973801	32000894	31798313	31924336	0.34	cps
Lead	207-1	28139926	28310990	27878361	28109759	0.78	cps
Lead	208-1	127661961	127266742	126902520	127277074	0.30	cps
Lithium	6-1	4262801	4522186	4401579	4395522	2.95	cps
Magnesium	24-2	30570981	31149968	30897266	30872738	0.94	cps
Manganese	55-2	20183663	20034651	19727216	19981844	1.16	cps
Molybdenum	94-1	20859331	20749125	20580578	20729678	0.68	cps
Molybdenum	95-1	30750779	30738626	30266916	30585440	0.90	cps
Molybdenum	96-1	33684258	33449937	33407364	33513853	0.44	cps
Molybdenum	97-1	18704759	18558497	18668069	18643775	0.41	cps
Molybdenum	98-1	49913700	49271867	49201689	49462418	0.79	cps
Neodymium	150-1	620	633	647	633	2.10	cps
Neodymium	150-2	100	93	107	100	6.67	cps
Nickel	60-2	992289	998857	993040	994728	0.36	cps
Phosphorus	31-2	151721	151899	151563	151728	0.11	cps
Potassium	39-2	13449684	13721715	13588059	13586486	1.00	cps
Rhodium	103-1	8055822	8502553	8336103	8298159	2.72	cps
Rhodium	103-2	5600188	5376665	5384473	5453775	2.33	cps
Scandium	45-1	6373749	6753809	6591555	6573038	2.90	cps
Scandium	45-2	541014	528412	532190	533872	1.21	cps
Selenium	82-1	126297	124177	124304	124926	0.95	cps
Selenium	77-2	10677	10454	10617	10583	1.09	cps
Selenium	78-2	34921	35574	35550	35348	1.05	cps
Silicon	28-1	14271483	14179468	13997119	14149356	0.99	cps
Silver	107-1	7545854	7370239	7577011	7497701	1.49	cps
Silver	109-1	7233863	7277143	7253719	7254908	0.30	cps
Sodium	23-2	51174491	51601719	51631097	51469103	0.50	cps
Strontium	86-1	19904912	19622803	19450440	19659385	1.17	cps
Strontium	88-1	166223312	170449937	164700208	167124486	1.78	cps
Sulfur	34-1	1323261	1303707	1287185	1304718	1.38	cps
Terbium	159-1	13884784	14917031	14150798	14317537	3.74	cps
Terbium	159-2	9990603	9815170	9864459	9890077	0.91	cps
Thallium	203-1	7678849	7716993	7582054	7659298	0.91	cps
Thallium	205-1	18224460	18383865	18105754	18238026	0.77	cps

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 13:19:44	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	5050260	4914737	4854241	4939746	2.03	cps
Tin	118-2	2002558	1996044	1944186	1980929	1.61	cps
Titanium	47-1	9150234	9153415	9148378	9150675	0.03	cps
Uranium	238-1	26132497	26128610	26135049	26132052	0.01	cps
Vanadium	51-2	2138533	2148848	2177390	2154923	0.93	cps
Yttrium	89-1	19949246	20878151	20908602	20578666	2.65	cps
Yttrium	89-2	4971148	4830103	4795999	4865750	1.91	cps
Zinc	66-2	4956971	4995508	4925006	4959162	0.71	cps
Zirconium	90-1	9770886	9772643	9760361	9767963	0.07	cps
Zirconium	91-1	2187820	2207873	2166421	2187371	0.95	cps

LB Number : LB119317 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2022-03-23 13:55:30 DataFile Name : 014CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7115653	6896527	6991853	7001344	1.57	cps
Antimony	121-1	11089916	11164923	11252255	11169032	0.73	cps
Arsenic	75-2	583750	571643	580934	578775	1.09	cps
Barium	135-1	14387922	14551834	14802609	14580788	1.43	cps
Barium	137-1	25085163	25395221	25659316	25379900	1.13	cps
Beryllium	9-1	3175871	3239454	3269138	3228154	1.48	cps
Bismuth	209-1	9568567	9770776	9755146	9698163	1.16	cps
Bismuth	209-2	7754926	7805665	7772866	7777819	0.33	cps
Boron	10-1	728826	766442	785511	760260	3.79	cps
Boron	11-1	3591760	3668629	3865688	3708693	3.81	cps
Bromine	81-1	7869	8086	7769	7908	2.05	cps
Bromine	81-2	80	100	80	87	13.32	cps
Cadmium	111-1	3155325	3135276	3142534	3144378	0.32	cps
Cadmium	106-1	397595	396637	397420	397218	0.13	cps
Cadmium	108-1	284430	285174	287810	285805	0.62	cps
Calcium	43-1	4405984	4524065	4333109	4421052	2.18	cps
Calcium	44-1	66069491	67859543	66218187	66715740	1.49	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5600153	5572697	5534660	5569170	0.59	cps
Cobalt	59-2	8741756	8663673	8657271	8687567	0.54	cps
Copper	63-2	58477664	57928684	58590622	58332324	0.61	cps
Dysprosium	156-1	800	892	858	850	5.46	cps
Dysprosium	156-2	873	747	773	798	8.37	cps
Erbium	164-1	225	258	208	231	11.04	cps
Erbium	164-2	200	160	150	170	15.56	cps
Gadolinium	160-1	492	575	633	567	12.56	cps
Gadolinium	160-2	620	620	623	621	0.31	cps
Holmium	165-1	14248887	14353905	14888927	14497240	2.37	cps
Holmium	165-2	10189154	10229968	10283593	10234238	0.46	cps
Indium	115-1	9994142	10037883	10273968	10101997	1.49	cps
Indium	115-2	3361639	3260177	3355241	3325686	1.71	cps
Iron	56-2	264996300	262125356	266590256	264570637	0.86	cps
Iron	57-2	6658875	6583692	6665256	6635941	0.68	cps

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 13:55:30	DataFile Name :	014CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	14752605	14828258	14738305	14773056	0.33	cps
Krypton	83-1	5911	5775	5941	5876	1.51	cps
Lead	206-1	60159836	59650968	60007178	59939327	0.44	cps
Lead	207-1	52139664	52396862	52818510	52451678	0.65	cps
Lead	208-1	236987991	238938569	238242171	238056244	0.42	cps
Lithium	6-1	4679875	4684482	4771105	4711821	1.09	cps
Magnesium	24-2	72471738	71049193	71717538	71746156	0.99	cps
Manganese	55-2	43303658	42970574	43221534	43165255	0.40	cps
Molybdenum	94-1	42867983	42841520	44550390	43419964	2.25	cps
Molybdenum	95-1	63603962	64294358	64927839	64275386	1.03	cps
Molybdenum	96-1	69912527	70555812	70616456	70361598	0.55	cps
Molybdenum	97-1	38998438	39243475	39713392	39318435	0.92	cps
Molybdenum	98-1	102454042	104023106	104554477	103677209	1.05	cps
Neodymium	150-1	1247	1440	1200	1296	9.82	cps
Neodymium	150-2	287	213	230	243	15.80	cps
Nickel	60-2	2184885	2132084	2189276	2168748	1.47	cps
Phosphorus	31-2	340743	334686	336033	337154	0.94	cps
Potassium	39-2	30756108	30618091	30608587	30660929	0.27	cps
Rhodium	103-1	8558539	8573645	8889262	8673815	2.15	cps
Rhodium	103-2	5640998	5524903	5549062	5571655	1.10	cps
Scandium	45-1	7094195	7157692	7137148	7129678	0.45	cps
Scandium	45-2	581761	568633	572251	574215	1.18	cps
Selenium	82-1	242677	245886	246552	245039	0.85	cps
Selenium	77-2	22067	21599	21903	21856	1.09	cps
Selenium	78-2	71693	71667	72177	71845	0.40	cps
Silicon	28-1	31059384	31005787	31030720	31031964	0.09	cps
Silver	107-1	14917526	14904299	14840262	14887362	0.28	cps
Silver	109-1	14456114	14388556	14434056	14426242	0.24	cps
Sodium	23-2	118545439	115894769	115392716	116610975	1.45	cps
Strontium	86-1	40122893	40766313	40969817	40619674	1.09	cps
Strontium	88-1	344933958	348646749	346971783	346850830	0.54	cps
Sulfur	34-1	2399111	2387127	2322180	2369473	1.75	cps
Terbium	159-1	14541078	14538374	14562878	14547443	0.09	cps
Terbium	159-2	10058275	9753844	10081765	9964628	1.84	cps
Thallium	203-1	14351313	14317209	14407380	14358634	0.32	cps
Thallium	205-1	34442709	34283779	34445784	34390757	0.27	cps

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 13:55:30	DataFile Name :	014CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	9919697	10113737	10327091	10120175	2.01	cps
Tin	118-2	4178231	4100695	4166771	4148566	1.01	cps
Titanium	47-1	19370757	19478393	19460687	19436612	0.30	cps
Uranium	238-1	46047068	47209317	46787802	46681395	1.26	cps
Vanadium	51-2	4772230	4685695	4769226	4742383	1.04	cps
Yttrium	89-1	21884081	21658071	21969928	21837360	0.74	cps
Yttrium	89-2	5182732	5094620	5182145	5153165	0.98	cps
Zinc	66-2	10294994	10195882	10282865	10257913	0.53	cps
Zirconium	90-1	20289605	20215580	20684628	20396604	1.24	cps
Zirconium	91-1	4560536	4519179	4656134	4578616	1.53	cps

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 13:58:15	DataFile Name :	015CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	34043515	34556665	34818999	34473060	1.14	cps
Antimony	121-1	8436	8607	8561	8535	1.04	cps
Arsenic	75-2	265	241	265	257	5.41	cps
Barium	135-1	6768	6168	6360	6432	4.77	cps
Barium	137-1	11605	10879	10813	11099	3.96	cps
Beryllium	9-1	467	400	423	430	7.87	cps
Bismuth	209-1	7782418	7766310	7697963	7748897	0.58	cps
Bismuth	209-2	6380439	6494697	6497028	6457388	1.03	cps
Boron	10-1	19196	16584	15308	17029	11.64	cps
Boron	11-1	90741	83098	71808	81883	11.63	cps
Bromine	81-1	6852	7302	7327	7160	3.74	cps
Bromine	81-2	60	80	130	90	40.07	cps
Cadmium	111-1	2479	2571	2578	2543	2.17	cps
Cadmium	106-1	9541	8961	9416	9306	3.28	cps
Cadmium	108-1	208	167	204	193	11.89	cps
Calcium	43-1	18844837	18736296	18546071	18709068	0.81	cps
Calcium	44-1	295200282	289483973	289499198	291394484	1.13	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	62706	63336	63399	63147	0.61	cps
Cobalt	59-2	14300	14494	15054	14616	2.68	cps
Copper	63-2	31266	30825	30879	30990	0.78	cps
Dysprosium	156-1	2734	2425	2850	2670	8.23	cps
Dysprosium	156-2	1777	1767	1673	1739	3.28	cps
Erbium	164-1	367	408	458	411	11.16	cps
Erbium	164-2	277	363	290	310	15.05	cps
Gadolinium	160-1	1975	2042	2034	2017	1.80	cps
Gadolinium	160-2	1720	1877	1850	1816	4.62	cps
Holmium	165-1	13211974	13074378	12870728	13052360	1.32	cps
Holmium	165-2	9156798	9577499	9413462	9382586	2.26	cps
Indium	115-1	9108147	8990885	8978352	9025795	0.79	cps
Indium	115-2	3059403	3125360	3165917	3116894	1.72	cps
Iron	56-2	1204068294	1216454872	1212868160	1211130442	0.53	cps
Iron	57-2	29750733	30666095	30444636	30287155	1.58	cps

LB Number : LB119317 Operator : Jaswal
 Lab Sample ID : S8 Instrumnet Name : P7
 Client Sample ID : S8 Dilution Factor : 1
 Date & Time Acquired :: 2022-03-23 13:58:15 DataFile Name : 015CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	66476286	67320856	67820208	67205783	1.01	cps
Krypton	83-1	5661	5681	5838	5727	1.69	cps
Lead	206-1	30529	29471	28463	29488	3.50	cps
Lead	207-1	25847	23983	24183	24671	4.15	cps
Lead	208-1	118184	113103	109846	113711	3.70	cps
Lithium	6-1	4112815	4327149	4161757	4200574	2.67	cps
Magnesium	24-2	337051952	337931619	339872519	338285363	0.43	cps
Manganese	55-2	32321	32682	32372	32458	0.60	cps
Molybdenum	94-1	18512	16810	15408	16910	9.19	cps
Molybdenum	95-1	25089	22117	21541	22916	8.31	cps
Molybdenum	96-1	27694	25606	24638	25979	6.01	cps
Molybdenum	97-1	14166	12748	12197	13037	7.79	cps
Molybdenum	98-1	37457	33397	32011	34288	8.26	cps
Neodymium	150-1	200	147	187	178	15.61	cps
Neodymium	150-2	87	43	100	77	38.65	cps
Nickel	60-2	16152	15952	15732	15945	1.32	cps
Phosphorus	31-2	575	675	475	575	17.39	cps
Potassium	39-2	148834966	151706995	149802299	150114753	0.97	cps
Rhodium	103-1	7239418	7266630	7273420	7259823	0.25	cps
Rhodium	103-2	4805891	4822717	4844350	4824319	0.40	cps
Scandium	45-1	6661751	6476836	6496918	6545168	1.55	cps
Scandium	45-2	557345	558401	560985	558910	0.34	cps
Selenium	82-1	-292	-255	-181	-243	-23.27	cps
Selenium	77-2	13	0	10	8	89.21	cps
Selenium	78-2	148	133	113	131	13.44	cps
Silicon	28-1	521280	563977	533430	539562	4.08	cps
Silver	107-1	5359	5076	4530	4988	8.45	cps
Silver	109-1	5122	5080	4534	4912	6.68	cps
Sodium	23-2	555208224	555940490	552441312	554530009	0.33	cps
Strontium	86-1	38159	37415	38501	38025	1.46	cps
Strontium	88-1	257916	250388	244370	250891	2.71	cps
Sulfur	34-1	386769	380725	388083	385193	1.02	cps
Terbium	159-1	13134812	12941615	12843749	12973392	1.14	cps
Terbium	159-2	8958675	9184281	9143310	9095422	1.32	cps
Thallium	203-1	2817	2217	2042	2359	17.24	cps
Thallium	205-1	6960	5926	5710	6199	10.78	cps

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 13:58:15	DataFile Name :	015CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	8186	8711	8127	8342	3.85	cps
Tin	118-2	3394	3544	3694	3544	4.24	cps
Titanium	47-1	6577	7052	6685	6771	3.68	cps
Uranium	238-1	5601	5226	4984	5271	5.90	cps
Vanadium	51-2	1160	1153	1247	1187	4.39	cps
Yttrium	89-1	20067468	19566442	19103401	19579104	2.46	cps
Yttrium	89-2	4879759	4940207	4948814	4922927	0.76	cps
Zinc	66-2	15992	15882	15812	15895	0.57	cps
Zirconium	90-1	12331	12689	11255	12091	6.17	cps
Zirconium	91-1	2959	2892	2625	2825	6.24	cps

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	ICV08	Instrumnet Name :	P7
Client Sample ID :	ICV08	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 14:36:55	DataFile Name :	016ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	185115	181572	183157	183282	0.97	cps
Antimony	121-1	2341941	2384136	2371071	2365716	0.91	cps
Arsenic	75-2	123854	122984	123518	123452	0.36	cps
Barium	135-1	303816	297716	303218	301583	1.11	cps
Barium	137-1	534167	532712	530883	532587	0.31	cps
Beryllium	9-1	364472	359375	360072	361306	0.76	cps
Bismuth	209-1	10948985	10818223	10761635	10842948	0.89	cps
Bismuth	209-2	8721352	8727616	8716378	8721782	0.06	cps
Boron	10-1	3517	3867	3901	3762	5.65	cps
Boron	11-1	17419	18228	18386	18011	2.88	cps
Bromine	81-1	8169	7602	7210	7661	6.29	cps
Bromine	81-2	40	100	90	77	41.93	cps
Cadmium	111-1	355626	356101	364103	358610	1.33	cps
Cadmium	106-1	44130	43381	44000	43837	0.91	cps
Cadmium	108-1	44786	44548	44606	44647	0.28	cps
Calcium	43-1	92171	88324	92356	90951	2.50	cps
Calcium	44-1	1352773	1346336	1354583	1351231	0.32	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	588293	571508	577585	579129	1.47	cps
Cobalt	59-2	917639	906594	899684	907972	1.00	cps
Copper	63-2	607649	603607	602645	604634	0.44	cps
Dysprosium	156-1	42	25	33	33	25.01	cps
Dysprosium	156-2	17	17	10	14	26.66	cps
Erbium	164-1	142	133	100	125	17.64	cps
Erbium	164-2	77	80	53	70	20.76	cps
Gadolinium	160-1	42	67	50	53	24.12	cps
Gadolinium	160-2	220	247	237	234	5.75	cps
Holmium	165-1	14962911	14891711	15007594	14954072	0.39	cps
Holmium	165-2	10662946	10470734	10513950	10549210	0.96	cps
Indium	115-1	11045132	10793892	11009231	10949418	1.24	cps
Indium	115-2	3662304	3612312	3588822	3621146	1.04	cps
Iron	56-2	10810114	10673719	10710737	10731523	0.66	cps
Iron	57-2	270684	270073	269623	270127	0.20	cps

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	ICV08	Instrumnet Name :	P7
Client Sample ID :	ICV08	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 14:36:55	DataFile Name :	016ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	630617	621998	627038	626551	0.69	cps
Krypton	83-1	6011	5891	6058	5987	1.44	cps
Lead	206-1	2935664	2877154	2890712	2901177	1.06	cps
Lead	207-1	2380810	2385465	2437285	2401187	1.31	cps
Lead	208-1	11116210	11027414	11215508	11119711	0.85	cps
Lithium	6-1	5267795	5238514	5251199	5252503	0.28	cps
Magnesium	24-2	801539	784926	788778	791748	1.10	cps
Manganese	55-2	448053	439244	437881	441726	1.25	cps
Molybdenum	94-1	18253994	18272161	18494244	18340133	0.73	cps
Molybdenum	95-1	32765454	32276926	32699514	32580631	0.81	cps
Molybdenum	96-1	35255011	34955779	34969050	35059947	0.48	cps
Molybdenum	97-1	20015283	19949546	19844888	19936572	0.43	cps
Molybdenum	98-1	52988154	52511877	52720599	52740210	0.45	cps
Neodymium	150-1	13	20	0	11	91.66	cps
Neodymium	150-2	10	7	10	9	21.63	cps
Nickel	60-2	244530	242526	242126	243061	0.53	cps
Phosphorus	31-2	425	408	317	383	15.22	cps
Potassium	39-2	1282409	1247545	1273124	1267693	1.42	cps
Rhodium	103-1	9660961	9657487	9575762	9631404	0.50	cps
Rhodium	103-2	6097063	6006618	5978774	6027485	1.03	cps
Scandium	45-1	7663696	7373578	7381118	7472797	2.21	cps
Scandium	45-2	587965	573054	569958	576992	1.67	cps
Selenium	82-1	54766	55128	55263	55052	0.47	cps
Selenium	77-2	4891	4631	4811	4777	2.79	cps
Selenium	78-2	15985	15773	16038	15932	0.88	cps
Silicon	28-1	231859	238461	238889	236403	1.67	cps
Silver	107-1	813112	812417	817566	814365	0.34	cps
Silver	109-1	779290	790937	789080	786436	0.80	cps
Sodium	23-2	2314917	2237378	2267804	2273366	1.72	cps
Strontium	86-1	10612	11355	11613	11193	4.64	cps
Strontium	88-1	13331	13365	13290	13329	0.28	cps
Sulfur	34-1	481878	471803	466051	473244	1.69	cps
Terbium	159-1	15239169	14958415	15248482	15148689	1.09	cps
Terbium	159-2	10289345	10050765	10210688	10183600	1.19	cps
Thallium	203-1	3555242	3494355	3547531	3532376	0.94	cps
Thallium	205-1	8401526	8236468	8415601	8351198	1.19	cps

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	ICV08	Instrumnet Name :	P7
Client Sample ID :	ICV08	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 14:36:55	DataFile Name :	016ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	2192	2217	1992	2134	5.78	cps
Tin	118-2	931	801	991	908	10.71	cps
Titanium	47-1	808	833	783	808	3.09	cps
Uranium	238-1	475	508	583	522	10.63	cps
Vanadium	51-2	468706	457951	463682	463446	1.16	cps
Yttrium	89-1	22637772	22164753	22533211	22445245	1.11	cps
Yttrium	89-2	5291760	5198365	5158344	5216156	1.31	cps
Zinc	66-2	223354	224152	224831	224112	0.33	cps
Zirconium	90-1	1225	1100	1225	1183	6.10	cps
Zirconium	91-1	850	767	975	864	12.14	cps

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 14:55:53	DataFile Name :	019LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6746	7207	7307	7087	4.23	cps
Antimony	121-1	22580	23436	23724	23247	2.56	cps
Arsenic	75-2	609	633	615	619	2.04	cps
Barium	135-1	29623	30433	29456	29837	1.75	cps
Barium	137-1	51603	52129	50306	51346	1.83	cps
Beryllium	9-1	3687	3617	3754	3686	1.85	cps
Bismuth	209-1	11168697	11372072	11092692	11211154	1.29	cps
Bismuth	209-2	8904768	9047934	8948098	8966933	0.82	cps
Boron	10-1	20714	21565	22175	21485	3.41	cps
Boron	11-1	95404	101801	101087	99431	3.53	cps
Bromine	81-1	7819	7652	8052	7841	2.56	cps
Bromine	81-2	60	50	20	43	48.04	cps
Cadmium	111-1	5845	5605	5370	5607	4.23	cps
Cadmium	106-1	11471	11521	11079	11357	2.13	cps
Cadmium	108-1	333	404	388	375	9.88	cps
Calcium	43-1	22951	22743	22985	22893	0.57	cps
Calcium	44-1	354846	357237	351259	354447	0.85	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	13489	13560	13750	13600	0.99	cps
Cobalt	59-2	9316	9563	9480	9453	1.33	cps
Copper	63-2	14047	14143	13716	13969	1.60	cps
Dysprosium	156-1	25	8	33	22	57.29	cps
Dysprosium	156-2	7	10	7	8	24.71	cps
Erbium	164-1	92	125	92	103	18.72	cps
Erbium	164-2	73	90	103	89	16.91	cps
Gadolinium	160-1	75	42	50	56	31.22	cps
Gadolinium	160-2	213	250	277	247	12.89	cps
Holmium	165-1	15321696	15301965	15179009	15267557	0.51	cps
Holmium	165-2	10947061	11094742	10728408	10923404	1.69	cps
Indium	115-1	11325805	11126754	11328596	11260385	1.03	cps
Indium	115-2	3831656	3871297	3747768	3816907	1.65	cps
Iron	56-2	290886	290837	290454	290726	0.08	cps
Iron	57-2	7574	7458	7330	7454	1.64	cps

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 14:55:53	DataFile Name :	019LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	17288	17728	17267	17428	1.49	cps
Krypton	83-1	6151	6131	6115	6132	0.30	cps
Lead	206-1	12539	12606	12367	12504	0.99	cps
Lead	207-1	10577	10354	10649	10527	1.46	cps
Lead	208-1	47500	48518	48680	48232	1.33	cps
Lithium	6-1	5194233	5331243	5370221	5298566	1.74	cps
Magnesium	24-2	347842	344504	344451	345599	0.56	cps
Manganese	55-2	4911	4971	4714	4865	2.76	cps
Molybdenum	94-1	24120	24229	24713	24354	1.30	cps
Molybdenum	95-1	30349	29814	29247	29803	1.85	cps
Molybdenum	96-1	33598	33848	34416	33954	1.24	cps
Molybdenum	97-1	17469	17995	17928	17797	1.61	cps
Molybdenum	98-1	47921	47913	48206	48013	0.35	cps
Neodymium	150-1	27	13	0	13	100.01	cps
Neodymium	150-2	3	0	10	4	114.60	cps
Nickel	60-2	2524	2390	2360	2425	3.59	cps
Phosphorus	31-2	758	750	767	758	1.10	cps
Potassium	39-2	340407	345897	345473	343926	0.89	cps
Rhodium	103-1	9837201	10016247	10020739	9958062	1.05	cps
Rhodium	103-2	6373572	6452261	6415627	6413820	0.61	cps
Scandium	45-1	7597634	7877886	7615810	7697110	2.04	cps
Scandium	45-2	604735	607497	606415	606216	0.23	cps
Selenium	82-1	1165	1253	1130	1183	5.36	cps
Selenium	77-2	100	97	87	94	7.35	cps
Selenium	78-2	493	493	515	500	2.57	cps
Silicon	28-1	297989	300913	302543	300482	0.77	cps
Silver	107-1	16389	16856	16939	16728	1.77	cps
Silver	109-1	15358	16213	16280	15951	3.22	cps
Sodium	23-2	576823	580410	571830	576354	0.75	cps
Strontium	86-1	14207	14124	13982	14104	0.81	cps
Strontium	88-1	36688	36237	37248	36724	1.38	cps
Sulfur	34-1	482007	480535	483105	481882	0.27	cps
Terbium	159-1	15551750	15459085	15632735	15547857	0.56	cps
Terbium	159-2	10733121	10837483	10510088	10693564	1.56	cps
Thallium	203-1	14909	14566	15067	14847	1.72	cps
Thallium	205-1	34812	35405	33634	34617	2.60	cps

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 14:55:53	DataFile Name :	019LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	56763	56059	55182	56001	1.41	cps
Tin	118-2	22260	21999	21969	22076	0.72	cps
Titanium	47-1	9295	9528	9178	9334	1.91	cps
Uranium	238-1	42446	42438	42941	42608	0.68	cps
Vanadium	51-2	23786	23502	24213	23833	1.50	cps
Yttrium	89-1	23628265	23260981	23155686	23348311	1.06	cps
Yttrium	89-2	5524014	5495518	5419681	5479738	0.98	cps
Zinc	66-2	2870	3004	2880	2918	2.55	cps
Zirconium	90-1	21516	20623	21708	21283	2.72	cps
Zirconium	91-1	4559	4484	4776	4606	3.29	cps

LB Number : LB119317 Operator : Jaswal
 Lab Sample ID : ICB08 Instrumnet Name : P7
 Client Sample ID : ICB08 Dilution Factor : 1
 Date & Time Acquired :: 2022-03-23 14:58:47 DataFile Name : 020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	500	350	400	417	18.33	cps
Antimony	121-1	163	204	146	171	17.59	cps
Arsenic	75-2	13	4	7	8	58.09	cps
Barium	135-1	192	133	67	131	47.91	cps
Barium	137-1	208	183	158	183	13.64	cps
Beryllium	9-1	43	43	40	42	4.55	cps
Bismuth	209-1	11647394	11568870	11399273	11538512	1.10	cps
Bismuth	209-2	9253140	9211828	9307647	9257538	0.52	cps
Boron	10-1	3492	3117	3050	3220	7.40	cps
Boron	11-1	14782	14924	14290	14666	2.27	cps
Bromine	81-1	7636	7636	7402	7558	1.78	cps
Bromine	81-2	50	60	40	50	20.00	cps
Cadmium	111-1	2353	2315	2273	2313	1.72	cps
Cadmium	106-1	11792	11717	11430	11646	1.64	cps
Cadmium	108-1	50	71	54	58	18.89	cps
Calcium	43-1	383	408	475	422	11.22	cps
Calcium	44-1	10871	10137	10337	10448	3.63	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1790	2000	1880	1890	5.57	cps
Cobalt	59-2	130	127	130	129	1.49	cps
Copper	63-2	1207	1173	1147	1176	2.56	cps
Dysprosium	156-1	0	33	17	17	99.99	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	117	192	150	153	24.60	cps
Erbium	164-2	103	100	40	81	43.94	cps
Gadolinium	160-1	50	92	50	64	37.66	cps
Gadolinium	160-2	233	207	313	251	22.11	cps
Holmium	165-1	15988386	16041495	15693347	15907743	1.18	cps
Holmium	165-2	11140550	11253823	11144192	11179522	0.58	cps
Indium	115-1	11997346	11914446	11747273	11886355	1.07	cps
Indium	115-2	3919079	3895562	3939200	3917947	0.56	cps
Iron	56-2	12044	11827	11899	11923	0.93	cps
Iron	57-2	244	267	200	237	14.32	cps

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	ICB08	Instrumnet Name :	P7
Client Sample ID :	ICB08	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 14:58:47	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1472	1231	1211	1305	11.10	cps
Krypton	83-1	5721	6088	6315	6041	4.96	cps
Lead	206-1	750	822	817	796	5.05	cps
Lead	207-1	628	667	550	615	9.66	cps
Lead	208-1	2850	3084	2767	2900	5.66	cps
Lithium	6-1	5604140	5491825	5485525	5527163	1.21	cps
Magnesium	24-2	578	544	583	569	3.70	cps
Manganese	55-2	413	457	427	432	5.14	cps
Molybdenum	94-1	575	417	450	481	17.37	cps
Molybdenum	95-1	233	183	250	222	15.61	cps
Molybdenum	96-1	550	475	483	503	8.18	cps
Molybdenum	97-1	208	183	175	189	9.18	cps
Molybdenum	98-1	467	317	500	428	22.83	cps
Neodymium	150-1	0	20	0	7	173.21	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	97	30	77	68	50.48	cps
Phosphorus	31-2	317	383	367	356	9.76	cps
Potassium	39-2	27592	27818	28352	27921	1.40	cps
Rhodium	103-1	10350515	10512683	10306003	10389734	1.05	cps
Rhodium	103-2	6646274	6644888	6647063	6646075	0.02	cps
Scandium	45-1	8062128	7831275	7960288	7951231	1.46	cps
Scandium	45-2	620378	618406	617439	618741	0.24	cps
Selenium	82-1	24	-5	-123	-35	-225.14	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	111	130	115	119	8.27	cps
Silicon	28-1	193070	190093	194792	192652	1.23	cps
Silver	107-1	425	421	388	411	5.00	cps
Silver	109-1	300	229	258	263	13.56	cps
Sodium	23-2	18039	17482	17749	17757	1.57	cps
Strontium	86-1	9337	9979	9895	9737	3.59	cps
Strontium	88-1	767	658	867	764	13.64	cps
Sulfur	34-1	478792	476770	485223	480261	0.92	cps
Terbium	159-1	16279621	16409765	16199838	16296408	0.65	cps
Terbium	159-2	11103591	10927913	10958313	10996606	0.85	cps
Thallium	203-1	208	158	225	197	17.59	cps
Thallium	205-1	425	425	367	406	8.30	cps

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	ICB08	Instrumnet Name :	P7
Client Sample ID :	ICB08	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 14:58:47	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	1967	1758	2009	1911	7.01	cps
Tin	118-2	701	621	851	724	16.14	cps
Titanium	47-1	142	83	83	103	32.76	cps
Uranium	238-1	100	42	58	67	45.06	cps
Vanadium	51-2	13	20	7	13	49.99	cps
Yttrium	89-1	24241432	23911365	24072821	24075206	0.69	cps
Yttrium	89-2	5625429	5663038	5636123	5641530	0.34	cps
Zinc	66-2	833	810	870	838	3.61	cps
Zirconium	90-1	908	942	1042	964	7.20	cps
Zirconium	91-1	175	142	233	183	25.31	cps

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	ICSA08	Instrumnet Name :	P7
Client Sample ID :	ICSA08	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 15:01:44	DataFile Name :	021ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	34154935	34638045	34267057	34353346	0.74	cps
Antimony	121-1	13911	13924	13911	13915	0.05	cps
Arsenic	75-2	217	244	204	222	9.39	cps
Barium	135-1	4476	4351	4292	4373	2.14	cps
Barium	137-1	7052	7744	7569	7455	4.83	cps
Beryllium	9-1	1073	1023	1027	1041	2.69	cps
Bismuth	209-1	9847010	10127764	10042539	10005771	1.44	cps
Bismuth	209-2	8057594	8137742	8091185	8095507	0.50	cps
Boron	10-1	3142	3117	3559	3273	7.58	cps
Boron	11-1	15250	14474	14474	14732	3.04	cps
Bromine	81-1	8528	9095	8411	8678	4.21	cps
Bromine	81-2	250	220	180	217	16.21	cps
Cadmium	111-1	5018	4910	4629	4852	4.13	cps
Cadmium	106-1	10208	10454	9753	10138	3.51	cps
Cadmium	108-1	6531	6243	6122	6299	3.33	cps
Calcium	43-1	4154738	4172750	4252757	4193415	1.24	cps
Calcium	44-1	65282229	65202285	64783587	65089367	0.41	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	114840	115720	113849	114803	0.82	cps
Cobalt	59-2	11027	10704	11011	10914	1.67	cps
Copper	63-2	45710	46001	44533	45414	1.71	cps
Dysprosium	156-1	67	83	83	78	12.37	cps
Dysprosium	156-2	60	43	37	47	25.75	cps
Erbium	164-1	92	117	192	133	39.03	cps
Erbium	164-2	117	87	113	106	15.58	cps
Gadolinium	160-1	100	75	67	81	21.53	cps
Gadolinium	160-2	280	207	273	253	16.01	cps
Holmium	165-1	15105731	15553597	15683206	15447511	1.96	cps
Holmium	165-2	11066300	10782567	10770538	10873135	1.54	cps
Indium	115-1	10617411	10665774	10663341	10648842	0.26	cps
Indium	115-2	3610472	3590747	3522465	3574561	1.29	cps
Iron	56-2	538019890	535078001	537431423	536843105	0.29	cps
Iron	57-2	13272088	13279539	13074791	13208806	0.88	cps

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	ICSA08	Instrumnet Name :	P7
Client Sample ID :	ICSA08	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 15:01:44	DataFile Name :	021ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	29983878	29643694	29607466	29745013	0.70	cps
Krypton	83-1	5885	5885	5915	5895	0.29	cps
Lead	206-1	58610	59117	58454	58727	0.59	cps
Lead	207-1	45288	44585	44402	44758	1.05	cps
Lead	208-1	212611	211563	213185	212453	0.39	cps
Lithium	6-1	4899051	4974424	4784733	4886070	1.95	cps
Magnesium	24-2	68199164	68383618	68587845	68390209	0.28	cps
Manganese	55-2	33711	33504	34239	33818	1.12	cps
Molybdenum	94-1	6289658	6440988	6335654	6355433	1.22	cps
Molybdenum	95-1	11101899	11265221	11224899	11197340	0.76	cps
Molybdenum	96-1	12032196	12005882	11990381	12009486	0.18	cps
Molybdenum	97-1	6928671	6834569	6917810	6893683	0.75	cps
Molybdenum	98-1	18478561	18044074	18407929	18310188	1.27	cps
Neodymium	150-1	67	67	27	53	43.30	cps
Neodymium	150-2	40	20	40	33	34.64	cps
Nickel	60-2	12025	11958	11505	11829	2.39	cps
Phosphorus	31-2	1609433	1652491	1594633	1618852	1.86	cps
Potassium	39-2	60216928	60790320	59280987	60096078	1.27	cps
Rhodium	103-1	8809134	8773307	8768920	8783787	0.25	cps
Rhodium	103-2	5822185	5763006	5704283	5763158	1.02	cps
Scandium	45-1	7241244	7355206	7393492	7329981	1.08	cps
Scandium	45-2	588972	589180	584262	587471	0.47	cps
Selenium	82-1	-286	-346	-153	-262	-37.81	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	113	89	104	102	11.92	cps
Silicon	28-1	388426	389949	393363	390579	0.65	cps
Silver	107-1	1463	1179	1150	1264	13.66	cps
Silver	109-1	1400	1167	1017	1195	16.17	cps
Sodium	23-2	115381258	116123022	116442714	115982331	0.47	cps
Strontium	86-1	151768	153217	153959	152982	0.73	cps
Strontium	88-1	1241177	1221849	1222147	1228391	0.90	cps
Sulfur	34-1	9398827	9327994	9333734	9353518	0.42	cps
Terbium	159-1	15321957	15571804	15651380	15515047	1.11	cps
Terbium	159-2	10657430	10627105	10632664	10639067	0.15	cps
Thallium	203-1	5701	5810	6160	5890	4.07	cps
Thallium	205-1	13807	14141	13691	13880	1.68	cps

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	ICSA08	Instrumnet Name :	P7
Client Sample ID :	ICSA08	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 15:01:44	DataFile Name :	021ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	3117	3275	3442	3278	4.96	cps
Tin	118-2	1271	1271	1351	1298	3.56	cps
Titanium	47-1	3689708	3612755	3716875	3673113	1.47	cps
Uranium	238-1	1900	2117	2250	2089	8.46	cps
Vanadium	51-2	1077	1070	1057	1068	0.95	cps
Yttrium	89-1	22277025	22326861	22396323	22333403	0.27	cps
Yttrium	89-2	5419241	5322000	5314061	5351767	1.09	cps
Zinc	66-2	12789	12719	12752	12753	0.27	cps
Zirconium	90-1	1959	1733	1758	1817	6.79	cps
Zirconium	91-1	433	317	367	372	15.72	cps

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	ICSAB08	Instrumnet Name :	P7
Client Sample ID :	ICSAB08	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 15:04:33	DataFile Name :	022ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	35910212	35945001	35657427	35837547	0.44	cps
Antimony	121-1	250533	255010	256049	253864	1.15	cps
Arsenic	75-2	12585	12700	12261	12515	1.82	cps
Barium	135-1	67703	67829	68549	68027	0.67	cps
Barium	137-1	118726	117325	121560	119203	1.81	cps
Beryllium	9-1	66944	68056	67118	67372	0.89	cps
Bismuth	209-1	10269286	10264166	10526397	10353283	1.45	cps
Bismuth	209-2	8373979	8365758	8356601	8365446	0.10	cps
Boron	10-1	3009	3034	3009	3017	0.48	cps
Boron	11-1	14766	15433	15241	15147	2.27	cps
Bromine	81-1	8795	9353	8303	8817	5.96	cps
Bromine	81-2	230	140	250	207	28.35	cps
Cadmium	111-1	70772	71958	71859	71529	0.92	cps
Cadmium	106-1	16660	16447	16551	16553	0.64	cps
Cadmium	108-1	10904	10992	10737	10878	1.19	cps
Calcium	43-1	4372034	4565212	4437008	4458085	2.20	cps
Calcium	44-1	68027279	70639422	69826560	69497754	1.92	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	235360	238607	238496	237487	0.78	cps
Cobalt	59-2	192118	193433	192964	192839	0.35	cps
Copper	63-2	162459	164369	165205	164011	0.86	cps
Dysprosium	156-1	83	8	83	58	74.24	cps
Dysprosium	156-2	53	47	50	50	6.66	cps
Erbium	164-1	258	150	208	206	26.38	cps
Erbium	164-2	110	120	117	116	4.41	cps
Gadolinium	160-1	108	125	75	103	24.77	cps
Gadolinium	160-2	250	270	280	267	5.73	cps
Holmium	165-1	16307729	16012519	16199509	16173252	0.92	cps
Holmium	165-2	11118933	11338444	11140951	11199442	1.08	cps
Indium	115-1	11109049	11193709	11316001	11206253	0.93	cps
Indium	115-2	3685638	3668658	3677065	3677120	0.23	cps
Iron	56-2	562843246	553169257	553648968	556553824	0.98	cps
Iron	57-2	13815082	13899698	13971303	13895361	0.56	cps

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	ICSAB08	Instrumnet Name :	P7
Client Sample ID :	ICSAB08	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 15:04:33	DataFile Name :	022ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	31040579	30995367	30554814	30863587	0.87	cps
Krypton	83-1	6328	5898	5948	6058	3.88	cps
Lead	206-1	305478	311818	309087	308794	1.03	cps
Lead	207-1	243764	248151	247400	246438	0.95	cps
Lead	208-1	1138202	1149932	1156660	1148264	0.81	cps
Lithium	6-1	4817411	4738363	4836342	4797372	1.08	cps
Magnesium	24-2	71946735	71494815	70660447	71367333	0.91	cps
Manganese	55-2	125818	125123	122743	124561	1.29	cps
Molybdenum	94-1	6589344	6692266	6656496	6646035	0.79	cps
Molybdenum	95-1	11728745	12005704	11923172	11885873	1.20	cps
Molybdenum	96-1	12541244	13039786	12796851	12792627	1.95	cps
Molybdenum	97-1	7130616	7267293	7359845	7252585	1.59	cps
Molybdenum	98-1	18819271	19143375	19375954	19112867	1.46	cps
Neodymium	150-1	60	93	67	73	24.06	cps
Neodymium	150-2	53	40	53	49	15.74	cps
Nickel	60-2	56329	57273	56961	56854	0.85	cps
Phosphorus	31-2	1694996	1752445	1756709	1734717	1.99	cps
Potassium	39-2	62317058	63382564	62679653	62793092	0.86	cps
Rhodium	103-1	9200650	9096275	9092802	9129909	0.67	cps
Rhodium	103-2	5995776	5919490	5934491	5949919	0.68	cps
Scandium	45-1	7771996	7761710	7767946	7767217	0.07	cps
Scandium	45-2	612318	614964	621795	616359	0.79	cps
Selenium	82-1	4854	5299	5354	5169	5.30	cps
Selenium	77-2	443	437	407	429	4.55	cps
Selenium	78-2	1598	1615	1656	1623	1.82	cps
Silicon	28-1	429379	426987	432617	429661	0.66	cps
Silver	107-1	300448	309664	309186	306432	1.69	cps
Silver	109-1	294617	298971	299326	297638	0.88	cps
Sodium	23-2	120475786	120276228	119252755	120001590	0.55	cps
Strontium	86-1	160452	160687	159550	160230	0.37	cps
Strontium	88-1	1244688	1317533	1307944	1290055	3.07	cps
Sulfur	34-1	9918284	9875890	9883906	9892693	0.23	cps
Terbium	159-1	16463936	15959943	16192233	16205371	1.56	cps
Terbium	159-2	11080721	10919971	10981447	10994046	0.74	cps
Thallium	203-1	300980	305044	307478	304501	1.08	cps
Thallium	205-1	731811	729567	743598	734992	1.03	cps

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	ICSAB08	Instrumnet Name :	P7
Client Sample ID :	ICSAB08	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 15:04:33	DataFile Name :	022ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	3150	3642	3284	3359	7.57	cps
Tin	118-2	1582	1331	1472	1462	8.58	cps
Titanium	47-1	3851804	3903752	3945975	3900510	1.21	cps
Uranium	238-1	717	867	800	794	9.46	cps
Vanadium	51-2	98686	99522	99555	99255	0.50	cps
Yttrium	89-1	23434613	23586711	23659288	23560204	0.49	cps
Yttrium	89-2	5533078	5572366	5565372	5556939	0.38	cps
Zinc	66-2	33928	34192	34156	34092	0.42	cps
Zirconium	90-1	1225	1258	1550	1345	13.30	cps
Zirconium	91-1	350	308	308	322	7.47	cps

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	CCV32	Instrumnet Name :	P7
Client Sample ID :	CCV32	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 15:09:31	DataFile Name :	023CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19234792	19522930	19506218	19421313	0.83	cps
Antimony	121-1	6246726	6146746	6270443	6221305	1.06	cps
Arsenic	75-2	292075	293118	290299	291831	0.49	cps
Barium	135-1	7769701	7719728	7727040	7738823	0.35	cps
Barium	137-1	13483879	13397451	13514654	13465328	0.45	cps
Beryllium	9-1	1620973	1580357	1613638	1604989	1.35	cps
Bismuth	209-1	9128414	9457493	9670441	9418783	2.90	cps
Bismuth	209-2	7703812	7723229	7848101	7758381	1.01	cps
Boron	10-1	355962	369290	365192	363481	1.88	cps
Boron	11-1	1751617	1838072	1837840	1809176	2.76	cps
Bromine	81-1	7544	7936	7569	7683	2.86	cps
Bromine	81-2	110	90	80	93	16.37	cps
Cadmium	111-1	1589773	1559204	1576552	1575176	0.97	cps
Cadmium	106-1	212711	209785	211346	211281	0.69	cps
Cadmium	108-1	148738	144737	146693	146723	1.36	cps
Calcium	43-1	10924524	11053647	11088927	11022366	0.79	cps
Calcium	44-1	170652958	170742866	170539000	170644941	0.06	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3021236	3045106	3013593	3026645	0.54	cps
Cobalt	59-2	4517221	4583506	4492916	4531214	1.03	cps
Copper	63-2	31183731	31017767	30778326	30993275	0.66	cps
Dysprosium	156-1	1842	1942	1625	1803	8.98	cps
Dysprosium	156-2	1347	1183	1297	1276	6.56	cps
Erbium	164-1	292	350	317	319	9.16	cps
Erbium	164-2	237	250	187	224	14.88	cps
Gadolinium	160-1	1442	1117	1342	1300	12.81	cps
Gadolinium	160-2	1237	1147	1247	1210	4.55	cps
Holmium	165-1	14995775	14856482	15453783	15102013	2.07	cps
Holmium	165-2	11096210	11022131	10953676	11024006	0.65	cps
Indium	115-1	10160077	10409460	10739383	10436306	2.78	cps
Indium	115-2	3566485	3594078	3619243	3593269	0.73	cps
Iron	56-2	697149504	696042904	696099504	696430638	0.09	cps
Iron	57-2	17176791	17498898	17409666	17361785	0.96	cps

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	CCV32	Instrumnet Name :	P7
Client Sample ID :	CCV32	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 15:09:31	DataFile Name :	023CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	38455692	38766057	38434174	38551974	0.48	cps
Krypton	83-1	5935	5755	6065	5918	2.63	cps
Lead	206-1	31660066	31134190	31437883	31410713	0.84	cps
Lead	207-1	26946430	26915966	27017896	26960097	0.19	cps
Lead	208-1	122774783	122904405	122594335	122757841	0.13	cps
Lithium	6-1	4580256	4665722	4670854	4638944	1.10	cps
Magnesium	24-2	189404965	185760015	186419760	187194913	1.04	cps
Manganese	55-2	23026401	22820820	22995587	22947603	0.48	cps
Molybdenum	94-1	23450535	23161815	23496354	23369568	0.78	cps
Molybdenum	95-1	34708329	34177333	34719823	34535162	0.90	cps
Molybdenum	96-1	37693928	37008911	37726983	37476607	1.08	cps
Molybdenum	97-1	21157481	20580611	21117977	20952023	1.54	cps
Molybdenum	98-1	55609946	54809824	55737663	55385811	0.91	cps
Neodymium	150-1	873	747	860	827	8.42	cps
Neodymium	150-2	143	163	183	163	12.24	cps
Nickel	60-2	1079934	1073123	1068083	1073713	0.55	cps
Phosphorus	31-2	175541	175147	179445	176711	1.34	cps
Potassium	39-2	82069271	82746775	81533000	82116348	0.74	cps
Rhodium	103-1	8446251	8642369	8854540	8647720	2.36	cps
Rhodium	103-2	5678229	5692581	5728864	5699891	0.46	cps
Scandium	45-1	7315518	7390339	7588511	7431456	1.90	cps
Scandium	45-2	624715	630981	625203	626966	0.56	cps
Selenium	82-1	129734	129717	129346	129599	0.17	cps
Selenium	77-2	11848	11551	11134	11511	3.12	cps
Selenium	78-2	38550	38470	38596	38539	0.17	cps
Silicon	28-1	13823579	13606331	14006690	13812200	1.45	cps
Silver	107-1	7539485	7400978	7583888	7508117	1.27	cps
Silver	109-1	7216082	7161100	7270791	7215991	0.76	cps
Sodium	23-2	304930562	306520196	306278329	305909696	0.28	cps
Strontium	86-1	22015861	21641582	21706971	21788138	0.92	cps
Strontium	88-1	185637321	181726212	186374329	184579287	1.35	cps
Sulfur	34-1	1438456	1453417	1490893	1460922	1.85	cps
Terbium	159-1	15052413	15026031	15852876	15310440	3.07	cps
Terbium	159-2	10678686	10701388	10791611	10723895	0.56	cps
Thallium	203-1	7563699	7361229	7517127	7480685	1.42	cps
Thallium	205-1	18368345	17762201	17883426	18004658	1.78	cps

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	CCV32	Instrumnet Name :	P7
Client Sample ID :	CCV32	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 15:09:31	DataFile Name :	023CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	5464254	5296146	5364518	5374973	1.57	cps
Tin	118-2	2205196	2161051	2210901	2192382	1.24	cps
Titanium	47-1	10555641	10308290	10402810	10422247	1.20	cps
Uranium	238-1	24916796	24415286	24655381	24662488	1.02	cps
Vanadium	51-2	2566781	2554884	2614591	2578752	1.23	cps
Yttrium	89-1	22354281	22770095	23076834	22733737	1.60	cps
Yttrium	89-2	5494524	5484628	5597275	5525476	1.13	cps
Zinc	66-2	5307279	5299933	5324518	5310577	0.24	cps
Zirconium	90-1	11018647	10828780	11022082	10956503	1.01	cps
Zirconium	91-1	2460037	2414833	2457267	2444046	1.04	cps

LB Number : LB119317 Operator : Jaswal
 Lab Sample ID : CCB32 Instrumnet Name : P7
 Client Sample ID : CCB32 Dilution Factor : 1
 Date & Time Acquired :: 2022-03-23 15:21:27 DataFile Name : 025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	400	656	567	541	23.99	cps
Antimony	121-1	250	296	250	265	9.97	cps
Arsenic	75-2	7	9	28	15	76.03	cps
Barium	135-1	233	242	225	233	3.57	cps
Barium	137-1	350	408	292	350	16.67	cps
Beryllium	9-1	53	43	30	42	27.72	cps
Bismuth	209-1	8122487	7604247	7628659	7785131	3.76	cps
Bismuth	209-2	6831809	6811351	6702858	6782006	1.02	cps
Boron	10-1	1625	1917	1500	1681	12.72	cps
Boron	11-1	8644	8319	8269	8411	2.42	cps
Bromine	81-1	5643	5168	4551	5120	10.69	cps
Bromine	81-2	60	60	60	60	0.00	cps
Cadmium	111-1	1598	1497	1497	1530	3.80	cps
Cadmium	106-1	8044	7585	7635	7755	3.24	cps
Cadmium	108-1	88	71	108	89	21.14	cps
Calcium	43-1	725	908	700	778	14.63	cps
Calcium	44-1	13565	12731	11413	12569	8.63	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1783	1577	1503	1621	8.96	cps
Cobalt	59-2	253	190	250	231	15.42	cps
Copper	63-2	1880	1760	2067	1902	8.12	cps
Dysprosium	156-1	158	75	117	117	35.72	cps
Dysprosium	156-2	13	20	37	23	51.52	cps
Erbium	164-1	42	58	133	78	62.78	cps
Erbium	164-2	80	70	20	57	56.73	cps
Gadolinium	160-1	33	33	33	33	0.00	cps
Gadolinium	160-2	230	247	163	213	20.67	cps
Holmium	165-1	12124640	10950797	11176236	11417224	5.46	cps
Holmium	165-2	8442316	8371821	8263353	8359163	1.08	cps
Indium	115-1	9205516	8517393	8627173	8783361	4.21	cps
Indium	115-2	3035193	3067785	2988940	3030639	1.31	cps
Iron	56-2	15375	15314	16610	15766	4.64	cps
Iron	57-2	400	467	533	467	14.29	cps

LB Number : LB119317 Operator : Jaswal
 Lab Sample ID : CCB32 Instrumnet Name : P7
 Client Sample ID : CCB32 Dilution Factor : 1
 Date & Time Acquired :: 2022-03-23 15:21:27 DataFile Name : 025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1442	1231	1472	1381	9.48	cps
Krypton	83-1	6345	6455	6178	6326	2.20	cps
Lead	206-1	700	739	694	711	3.41	cps
Lead	207-1	739	589	583	637	13.85	cps
Lead	208-1	2972	2845	2867	2895	2.36	cps
Lithium	6-1	3593958	3394592	3339747	3442765	3.89	cps
Magnesium	24-2	822	878	1217	972	21.96	cps
Manganese	55-2	617	607	1157	793	39.67	cps
Molybdenum	94-1	483	508	600	531	11.58	cps
Molybdenum	95-1	458	292	400	383	22.06	cps
Molybdenum	96-1	575	433	533	514	14.17	cps
Molybdenum	97-1	225	150	183	186	20.19	cps
Molybdenum	98-1	783	458	667	636	25.88	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	137	103	167	136	23.37	cps
Phosphorus	31-2	358	350	292	333	10.90	cps
Potassium	39-2	39101	38199	38594	38631	1.17	cps
Rhodium	103-1	8121458	7594722	7544753	7753644	4.12	cps
Rhodium	103-2	5091454	5173898	4942970	5069441	2.31	cps
Scandium	45-1	6404370	5835416	5857306	6032364	5.34	cps
Scandium	45-2	485604	496271	469799	483891	2.75	cps
Selenium	82-1	-137	-218	200	-52	-428.82	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	154	128	85	122	28.30	cps
Silicon	28-1	170756	163549	161815	165373	2.87	cps
Silver	107-1	271	246	204	240	14.02	cps
Silver	109-1	133	83	117	111	22.92	cps
Sodium	23-2	27430	27842	28628	27967	2.18	cps
Strontium	86-1	10087	10371	9670	10043	3.51	cps
Strontium	88-1	1408	1075	1108	1197	15.33	cps
Sulfur	34-1	437099	425366	425009	429158	1.60	cps
Terbium	159-1	12301038	11372234	11179469	11617580	5.16	cps
Terbium	159-2	8221434	8243065	8095178	8186559	0.98	cps
Thallium	203-1	1133	1367	1508	1336	14.17	cps
Thallium	205-1	3259	3284	3292	3278	0.53	cps

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	CCB32	Instrumnet Name :	P7
Client Sample ID :	CCB32	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 15:21:27	DataFile Name :	025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	1408	1392	1458	1420	2.44	cps
Tin	118-2	611	521	1081	737	40.83	cps
Titanium	47-1	167	117	125	136	19.68	cps
Uranium	238-1	133	117	100	117	14.29	cps
Vanadium	51-2	13	20	13	16	24.76	cps
Yttrium	89-1	19363026	17799306	18260066	18474133	4.35	cps
Yttrium	89-2	4443143	4432954	4312319	4396139	1.66	cps
Zinc	66-2	590	560	597	582	3.35	cps
Zirconium	90-1	800	742	858	800	7.29	cps
Zirconium	91-1	208	158	125	164	25.59	cps

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 15:24:22	DataFile Name :	026LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6968	6624	6941	6844	2.80	cps
Antimony	121-1	22534	22125	22343	22334	0.92	cps
Arsenic	75-2	698	698	615	670	7.18	cps
Barium	135-1	28504	28796	29665	28988	2.08	cps
Barium	137-1	48709	49779	48550	49013	1.36	cps
Beryllium	9-1	3547	3424	3597	3523	2.53	cps
Bismuth	209-1	10249910	10657201	10718096	10541736	2.41	cps
Bismuth	209-2	8579872	8585720	8693464	8619685	0.74	cps
Boron	10-1	19338	20280	20956	20191	4.03	cps
Boron	11-1	88184	95310	97791	93762	5.32	cps
Bromine	81-1	7661	7786	7902	7783	1.55	cps
Bromine	81-2	50	90	40	60	44.10	cps
Cadmium	111-1	5111	5349	5168	5209	2.39	cps
Cadmium	106-1	10362	10829	10400	10530	2.46	cps
Cadmium	108-1	363	400	417	393	7.06	cps
Calcium	43-1	22041	21399	22726	22055	3.01	cps
Calcium	44-1	348148	343774	349247	347056	0.83	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	13706	13146	13239	13364	2.25	cps
Cobalt	59-2	9286	8936	9130	9117	1.92	cps
Copper	63-2	13530	13887	14160	13859	2.28	cps
Dysprosium	156-1	33	42	33	36	13.33	cps
Dysprosium	156-2	7	10	10	9	21.63	cps
Erbium	164-1	75	167	117	119	38.43	cps
Erbium	164-2	53	90	53	66	32.30	cps
Gadolinium	160-1	75	33	33	47	50.95	cps
Gadolinium	160-2	227	250	220	232	6.78	cps
Holmium	165-1	14493256	15069454	15068558	14877089	2.23	cps
Holmium	165-2	10679722	10509984	10655988	10615231	0.87	cps
Indium	115-1	10706293	11288682	11312288	11102421	3.09	cps
Indium	115-2	3745394	3678861	3681939	3702065	1.01	cps
Iron	56-2	282381	282337	280834	281851	0.31	cps
Iron	57-2	6968	7046	6835	6950	1.54	cps

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 15:24:22	DataFile Name :	026LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	16346	17207	16997	16850	2.67	cps
Krypton	83-1	6395	6408	6395	6399	0.12	cps
Lead	206-1	11761	12500	11878	12046	3.30	cps
Lead	207-1	9854	10121	10232	10069	1.93	cps
Lead	208-1	45035	46276	46159	45824	1.49	cps
Lithium	6-1	4979835	5118281	5104889	5067668	1.51	cps
Magnesium	24-2	332969	334894	337723	335195	0.71	cps
Manganese	55-2	4681	4657	4894	4744	2.75	cps
Molybdenum	94-1	23327	23478	23528	23444	0.44	cps
Molybdenum	95-1	28704	28528	29931	29054	2.63	cps
Molybdenum	96-1	31861	32713	32888	32487	1.69	cps
Molybdenum	97-1	17761	17911	17895	17856	0.46	cps
Molybdenum	98-1	46333	47302	46375	46670	1.17	cps
Neodymium	150-1	27	7	20	18	57.27	cps
Neodymium	150-2	3	10	0	4	114.60	cps
Nickel	60-2	2274	2294	2204	2257	2.09	cps
Phosphorus	31-2	608	625	725	653	9.67	cps
Potassium	39-2	330203	331530	330066	330599	0.24	cps
Rhodium	103-1	9231109	9687349	9891976	9603478	3.52	cps
Rhodium	103-2	6229580	6202596	6237511	6223229	0.29	cps
Scandium	45-1	7258986	7423538	7613834	7432119	2.39	cps
Scandium	45-2	588348	590003	591930	590094	0.30	cps
Selenium	82-1	1184	1154	1165	1168	1.27	cps
Selenium	77-2	127	133	143	134	6.24	cps
Selenium	78-2	443	513	498	485	7.66	cps
Silicon	28-1	281619	287831	284557	284669	1.09	cps
Silver	107-1	14712	15992	15805	15503	4.46	cps
Silver	109-1	14207	15454	15575	15079	5.02	cps
Sodium	23-2	559130	560968	555732	558610	0.48	cps
Strontium	86-1	14099	14432	14407	14313	1.30	cps
Strontium	88-1	35284	35076	36295	35552	1.83	cps
Sulfur	34-1	413398	411830	411958	412395	0.21	cps
Terbium	159-1	14749840	15344414	15312662	15135639	2.21	cps
Terbium	159-2	10451147	10397726	10430848	10426574	0.26	cps
Thallium	203-1	14842	15509	16160	15504	4.25	cps
Thallium	205-1	35213	36742	37327	36427	3.00	cps

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 15:24:22	DataFile Name :	026LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	52221	53358	53475	53018	1.31	cps
Tin	118-2	22009	21658	21809	21826	0.81	cps
Titanium	47-1	9278	8661	9111	9017	3.54	cps
Uranium	238-1	40532	40691	40574	40599	0.20	cps
Vanadium	51-2	23215	22701	23108	23008	1.18	cps
Yttrium	89-1	21919115	22558348	23187149	22554871	2.81	cps
Yttrium	89-2	5355810	5321250	5327037	5334699	0.35	cps
Zinc	66-2	2830	2864	2917	2870	1.52	cps
Zirconium	90-1	21157	21366	21591	21372	1.02	cps
Zirconium	91-1	4317	4593	4534	4481	3.23	cps

LB Number : LB119317 Operator : Jaswal
 Lab Sample ID : PB143529BL Instrumnet Name : P7
 Client Sample ID : PB143529BL Dilution Factor : 1
 Date & Time Acquired :: 2022-03-23 15:28:02 DataFile Name : 027CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	222	172	206	200	12.73	cps
Antimony	121-1	142	179	163	161	11.66	cps
Arsenic	75-2	4	0	6	3	91.69	cps
Barium	135-1	92	117	92	100	14.43	cps
Barium	137-1	175	225	83	161	44.59	cps
Beryllium	9-1	47	70	37	51	33.46	cps
Bismuth	209-1	10098045	10585441	10514118	10399201	2.53	cps
Bismuth	209-2	8716440	8717085	8709593	8714373	0.05	cps
Boron	10-1	3501	3300	3409	3403	2.94	cps
Boron	11-1	15900	14991	15291	15394	3.01	cps
Bromine	81-1	7544	7227	7652	7474	2.96	cps
Bromine	81-2	70	70	60	67	8.66	cps
Cadmium	111-1	1806	1927	1892	1875	3.32	cps
Cadmium	106-1	9420	9912	9712	9681	2.56	cps
Cadmium	108-1	129	121	108	119	8.78	cps
Calcium	43-1	333	292	325	317	6.96	cps
Calcium	44-1	8044	8244	8127	8139	1.24	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2167	2264	2280	2237	2.74	cps
Cobalt	59-2	160	153	150	154	3.30	cps
Copper	63-2	1363	1317	1193	1291	6.80	cps
Dysprosium	156-1	33	8	8	17	86.62	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	125	100	58	94	35.66	cps
Erbium	164-2	80	60	83	74	16.95	cps
Gadolinium	160-1	42	33	42	39	12.38	cps
Gadolinium	160-2	217	240	190	216	11.61	cps
Holmium	165-1	14291131	14930294	15059388	14760271	2.79	cps
Holmium	165-2	10692284	10587990	10621694	10633989	0.50	cps
Indium	115-1	10599795	11100700	11157991	10952829	2.80	cps
Indium	115-2	3692000	3632890	3626366	3650419	0.99	cps
Iron	56-2	10965	10571	10837	10791	1.87	cps
Iron	57-2	267	256	228	250	8.01	cps

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	PB143529BL	Instrumnet Name :	P7
Client Sample ID :	PB143529BL	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 15:28:02	DataFile Name :	027CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	1392	1251	1121	1255	10.77	cps
Krypton	83-1	6441	6111	6421	6325	2.93	cps
Lead	206-1	572	678	656	635	8.76	cps
Lead	207-1	467	522	511	500	5.88	cps
Lead	208-1	2389	2622	2589	2533	4.98	cps
Lithium	6-1	4922751	5203608	5227350	5117903	3.31	cps
Magnesium	24-2	367	511	611	496	24.76	cps
Manganese	55-2	353	347	300	333	8.72	cps
Molybdenum	94-1	250	583	467	433	39.03	cps
Molybdenum	95-1	217	142	225	194	23.61	cps
Molybdenum	96-1	333	433	267	344	24.36	cps
Molybdenum	97-1	92	133	50	92	45.46	cps
Molybdenum	98-1	367	317	275	319	14.37	cps
Neodymium	150-1	7	13	20	13	49.99	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	27	87	33	49	67.27	cps
Phosphorus	31-2	258	267	233	253	6.86	cps
Potassium	39-2	26657	26874	27743	27091	2.12	cps
Rhodium	103-1	9115733	9447877	9616344	9393318	2.71	cps
Rhodium	103-2	6283724	6158944	6238528	6227065	1.01	cps
Scandium	45-1	7167502	7388587	7535314	7363801	2.51	cps
Scandium	45-2	586295	589884	580166	585448	0.84	cps
Selenium	82-1	-406	189	-225	-147	-206.90	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	135	76	109	107	27.82	cps
Silicon	28-1	185556	186120	185783	185819	0.15	cps
Silver	107-1	308	363	304	325	10.01	cps
Silver	109-1	179	192	192	188	3.85	cps
Sodium	23-2	20352	20219	20514	20362	0.73	cps
Strontium	86-1	10421	9879	10337	10212	2.86	cps
Strontium	88-1	708	667	775	717	7.62	cps
Sulfur	34-1	409204	407200	411383	409262	0.51	cps
Terbium	159-1	14421186	14937235	15224579	14861000	2.74	cps
Terbium	159-2	10488381	10259508	10164516	10304135	1.62	cps
Thallium	203-1	1183	1092	1117	1131	4.19	cps
Thallium	205-1	2967	2992	2784	2914	3.90	cps

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	PB143529BL	Instrumnet Name :	P7
Client Sample ID :	PB143529BL	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 15:28:02	DataFile Name :	027CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	1775	1850	1825	1817	2.10	cps
Tin	118-2	671	921	691	761	18.28	cps
Titanium	47-1	250	133	117	167	43.59	cps
Uranium	238-1	100	92	75	89	14.32	cps
Vanadium	51-2	20	13	20	18	21.66	cps
Yttrium	89-1	21540973	22329256	22703224	22191151	2.67	cps
Yttrium	89-2	5415655	5201626	5254933	5290738	2.11	cps
Zinc	66-2	490	517	467	491	5.09	cps
Zirconium	90-1	850	1033	992	958	10.03	cps
Zirconium	91-1	150	225	142	172	26.65	cps

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	PB143529BS	Instrumnet Name :	P7
Client Sample ID :	PB143529BS	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 15:30:58	DataFile Name :	028LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3435271	3403345	3405724	3414780	0.52	cps
Antimony	121-1	5730951	5752945	5710679	5731525	0.37	cps
Arsenic	75-2	288448	287364	288971	288261	0.28	cps
Barium	135-1	7521012	7541173	7434275	7498820	0.76	cps
Barium	137-1	13199969	13123575	13177450	13166998	0.30	cps
Beryllium	9-1	1701457	1679831	1665173	1682154	1.09	cps
Bismuth	209-1	10132947	10228120	10300525	10220530	0.82	cps
Bismuth	209-2	8196993	8069915	8120218	8129042	0.79	cps
Boron	10-1	372235	379070	397691	382999	3.44	cps
Boron	11-1	1806584	1882924	1915811	1868440	3.00	cps
Bromine	81-1	6727	6868	6985	6860	1.89	cps
Bromine	81-2	70	60	20	50	52.92	cps
Cadmium	111-1	1596173	1611647	1666012	1624611	2.26	cps
Cadmium	106-1	204609	205705	207829	206048	0.79	cps
Cadmium	108-1	144323	143780	143958	144020	0.19	cps
Calcium	43-1	2280404	2236317	2280364	2265695	1.12	cps
Calcium	44-1	33864261	33852754	33802787	33839934	0.10	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2764197	2779575	2796769	2780180	0.59	cps
Cobalt	59-2	4394789	4422484	4317840	4378371	1.24	cps
Copper	63-2	29584904	29185495	29613620	29461340	0.81	cps
Dysprosium	156-1	425	358	425	403	9.56	cps
Dysprosium	156-2	377	367	367	370	1.56	cps
Erbium	164-1	217	142	167	175	21.82	cps
Erbium	164-2	103	110	127	113	10.61	cps
Gadolinium	160-1	300	308	367	325	11.18	cps
Gadolinium	160-2	413	400	560	458	19.39	cps
Holmium	165-1	14712994	14962987	15286906	14987629	1.92	cps
Holmium	165-2	10411600	10623409	10684544	10573185	1.35	cps
Indium	115-1	10564934	10522825	10708617	10598792	0.92	cps
Indium	115-2	3467252	3495121	3522255	3494876	0.79	cps
Iron	56-2	130370570	133394622	131265811	131677001	1.18	cps
Iron	57-2	3328392	3360950	3267041	3318794	1.44	cps

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	PB143529BS	Instrumnet Name :	P7
Client Sample ID :	PB143529BS	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 15:30:58	DataFile Name :	028LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	7285748	7423411	7384762	7364640	0.96	cps
Krypton	83-1	5798	5838	5978	5871	1.61	cps
Lead	206-1	31914235	32162098	32363075	32146469	0.70	cps
Lead	207-1	27515989	27873378	27867040	27752136	0.74	cps
Lead	208-1	124727615	126566394	126208656	125834222	0.77	cps
Lithium	6-1	4887459	5027566	4870349	4928458	1.75	cps
Magnesium	24-2	34511489	34513093	34423933	34482839	0.15	cps
Manganese	55-2	21316951	21790811	21504224	21537329	1.11	cps
Molybdenum	94-1	21476771	21854605	22001739	21777705	1.24	cps
Molybdenum	95-1	32185015	32164886	32632527	32327476	0.82	cps
Molybdenum	96-1	35304761	35320958	36273657	35633125	1.56	cps
Molybdenum	97-1	19775467	19628478	20078158	19827368	1.16	cps
Molybdenum	98-1	52071679	52463630	53544886	52693398	1.45	cps
Neodymium	150-1	647	600	633	627	3.84	cps
Neodymium	150-2	113	130	137	127	9.49	cps
Nickel	60-2	1052256	1061392	1052773	1055474	0.49	cps
Phosphorus	31-2	161924	162551	163846	162774	0.60	cps
Potassium	39-2	14969150	15188728	15218863	15125580	0.90	cps
Rhodium	103-1	8759850	8888788	9064361	8904333	1.72	cps
Rhodium	103-2	5693773	5678597	5792920	5721764	1.09	cps
Scandium	45-1	7154399	7241510	7243682	7213197	0.71	cps
Scandium	45-2	565905	570069	568862	568279	0.38	cps
Selenium	82-1	124435	124943	125221	124866	0.32	cps
Selenium	77-2	11007	10874	10857	10913	0.75	cps
Selenium	78-2	35856	35953	36084	35965	0.32	cps
Silicon	28-1	15372605	15567073	15585087	15508255	0.76	cps
Silver	107-1	7814304	7892022	7851793	7852706	0.49	cps
Silver	109-1	7545429	7556331	7698982	7600247	1.13	cps
Sodium	23-2	57353492	57331205	57015755	57233484	0.33	cps
Strontium	86-1	20594822	20590179	20838785	20674595	0.69	cps
Strontium	88-1	172903850	175303725	176602766	174936780	1.07	cps
Sulfur	34-1	1414227	1393945	1386051	1398074	1.04	cps
Terbium	159-1	15014803	15157714	15337016	15169844	1.06	cps
Terbium	159-2	10163539	10106889	10427206	10232545	1.67	cps
Thallium	203-1	7587898	7629057	7735860	7650938	1.00	cps
Thallium	205-1	18413975	18452258	18249577	18371937	0.59	cps

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	PB143529BS	Instrumnet Name :	P7
Client Sample ID :	PB143529BS	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 15:30:58	DataFile Name :	028LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	5304004	5331357	5324919	5320094	0.27	cps
Tin	118-2	2074987	2123100	2127354	2108480	1.38	cps
Titanium	47-1	9791543	9763120	9849951	9801538	0.45	cps
Uranium	238-1	23877331	24358594	24338629	24191518	1.13	cps
Vanadium	51-2	2329800	2344393	2362694	2345629	0.70	cps
Yttrium	89-1	21909056	22125302	22333022	22122460	0.96	cps
Yttrium	89-2	5115111	5206957	5211163	5177743	1.05	cps
Zinc	66-2	5259899	5160581	5279477	5233319	1.22	cps
Zirconium	90-1	10257550	10259101	10300158	10272269	0.24	cps
Zirconium	91-1	2315136	2299831	2312176	2309048	0.35	cps

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	N1986-01	Instrumnet Name :	P7
Client Sample ID :	PW-410	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 15:45:00	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	32023	32607	32262	32297	0.91	cps
Antimony	121-1	654	650	633	646	1.71	cps
Arsenic	75-2	69	54	50	57	17.07	cps
Barium	135-1	443584	449679	442199	445154	0.89	cps
Barium	137-1	784258	794508	787660	788809	0.66	cps
Beryllium	9-1	640	533	507	560	12.60	cps
Bismuth	209-1	10567771	10491641	10823134	10627516	1.63	cps
Bismuth	209-2	8420452	8628322	8566573	8538449	1.25	cps
Boron	10-1	31967	35249	36009	34408	6.24	cps
Boron	11-1	159702	167450	166986	164713	2.64	cps
Bromine	81-1	25698	31017	33706	30140	13.52	cps
Bromine	81-2	5216	5347	5967	5510	7.28	cps
Cadmium	111-1	1976	1873	1921	1924	2.69	cps
Cadmium	106-1	9186	8999	9178	9121	1.16	cps
Cadmium	108-1	75	133	133	114	29.57	cps
Calcium	43-1	22459	21724	21991	22058	1.69	cps
Calcium	44-1	362065	365946	356168	361393	1.36	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3767	4077	4021	3955	4.17	cps
Cobalt	59-2	17043	17143	17250	17145	0.60	cps
Copper	63-2	843081	842370	842023	842491	0.06	cps
Dysprosium	156-1	6101	6268	6685	6352	4.73	cps
Dysprosium	156-2	4401	4434	4494	4443	1.06	cps
Erbium	164-1	7169	7519	7094	7260	3.13	cps
Erbium	164-2	5118	4958	5108	5061	1.77	cps
Gadolinium	160-1	6794	6685	7594	7024	7.07	cps
Gadolinium	160-2	5658	5868	5561	5696	2.75	cps
Holmium	165-1	14895523	15316396	15318169	15176696	1.60	cps
Holmium	165-2	10647696	10903921	10690568	10747395	1.28	cps
Indium	115-1	11184032	11070150	11353387	11202523	1.27	cps
Indium	115-2	3681651	3630860	3684414	3665642	0.82	cps
Iron	56-2	123564	119410	118284	120419	2.31	cps
Iron	57-2	3189	3289	3139	3206	2.38	cps

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	N1986-01	Instrumnet Name :	P7
Client Sample ID :	PW-410	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 15:45:00	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	7590	7449	7650	7563	1.36	cps
Krypton	83-1	6301	6265	5925	6164	3.37	cps
Lead	206-1	11355	11850	11883	11696	2.53	cps
Lead	207-1	9376	9370	9003	9250	2.31	cps
Lead	208-1	42549	43929	44229	43569	2.06	cps
Lithium	6-1	5047258	5039019	5020559	5035612	0.27	cps
Magnesium	24-2	2052308	2072537	2044250	2056365	0.71	cps
Manganese	55-2	63426	63430	62981	63279	0.41	cps
Molybdenum	94-1	1250	858	792	967	25.62	cps
Molybdenum	95-1	950	717	775	814	14.92	cps
Molybdenum	96-1	1317	983	917	1072	19.99	cps
Molybdenum	97-1	658	617	542	606	9.76	cps
Molybdenum	98-1	1675	1208	1433	1439	16.22	cps
Neodymium	150-1	10104	9610	10024	9913	2.67	cps
Neodymium	150-2	5791	5715	5508	5671	2.59	cps
Nickel	60-2	4281	4164	4587	4344	5.04	cps
Phosphorus	31-2	383	317	350	350	9.52	cps
Potassium	39-2	1021668	1017574	1011598	1016947	0.50	cps
Rhodium	103-1	9497231	9405400	9437543	9446725	0.49	cps
Rhodium	103-2	6120942	6150698	6096291	6122643	0.44	cps
Scandium	45-1	7499676	7469266	7514293	7494411	0.31	cps
Scandium	45-2	578104	575021	582916	578680	0.69	cps
Selenium	82-1	-392	-281	217	-152	-213.92	cps
Selenium	77-2	30	7	23	20	60.08	cps
Selenium	78-2	148	113	113	125	16.29	cps
Silicon	28-1	30660520	30547194	30435879	30547865	0.37	cps
Silver	107-1	483	433	488	468	6.44	cps
Silver	109-1	363	325	346	344	5.45	cps
Sodium	23-2	25536982	25634057	25371801	25514280	0.52	cps
Strontium	86-1	86161	86990	86562	86571	0.48	cps
Strontium	88-1	649865	643947	643866	645893	0.53	cps
Sulfur	34-1	392785	378275	370586	380549	2.96	cps
Terbium	159-1	15430206	15308513	15540220	15426313	0.75	cps
Terbium	159-2	10544337	10428764	10495723	10489608	0.55	cps
Thallium	203-1	2575	2584	1942	2367	15.55	cps
Thallium	205-1	6185	6060	5335	5860	7.84	cps

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	N1986-01	Instrumnet Name :	P7
Client Sample ID :	PW-410	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 15:45:00	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	4367	4217	4317	4301	1.78	cps
Tin	118-2	1842	1602	1612	1685	8.07	cps
Titanium	47-1	600	775	775	717	14.10	cps
Uranium	238-1	2275	2034	2134	2147	5.66	cps
Vanadium	51-2	97	83	87	89	7.81	cps
Yttrium	89-1	22578906	22501699	22404930	22495178	0.39	cps
Yttrium	89-2	5328798	5291140	5314208	5311382	0.36	cps
Zinc	66-2	9807	9366	9770	9648	2.53	cps
Zirconium	90-1	1183	1208	1425	1272	10.45	cps
Zirconium	91-1	175	267	242	228	20.80	cps

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	N1986-01DUP	Instrumnet Name :	P7
Client Sample ID :	PW-410DUP	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 15:47:52	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	32123	31733	32150	32002	0.73	cps
Antimony	121-1	329	338	338	335	1.44	cps
Arsenic	75-2	48	31	67	49	36.10	cps
Barium	135-1	444368	449379	447567	447104	0.57	cps
Barium	137-1	780052	786433	783737	783407	0.41	cps
Beryllium	9-1	587	507	507	533	8.66	cps
Bismuth	209-1	10579010	10637034	10516636	10577560	0.57	cps
Bismuth	209-2	8476852	8579622	8601724	8552733	0.78	cps
Boron	10-1	33019	33470	35667	34052	4.16	cps
Boron	11-1	157058	167211	171644	165305	4.52	cps
Bromine	81-1	30608	34708	38392	34569	11.26	cps
Bromine	81-2	5597	5707	5857	5720	2.28	cps
Cadmium	111-1	1969	1996	1969	1978	0.78	cps
Cadmium	106-1	10170	10187	9941	10099	1.36	cps
Cadmium	108-1	338	292	229	286	19.01	cps
Calcium	43-1	21399	22417	22551	22122	2.85	cps
Calcium	44-1	356779	353214	363497	357830	1.46	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3674	4004	3741	3806	4.59	cps
Cobalt	59-2	16893	17347	17230	17157	1.37	cps
Copper	63-2	854311	852704	858707	855241	0.36	cps
Dysprosium	156-1	6360	6435	7244	6680	7.34	cps
Dysprosium	156-2	4728	4521	4647	4632	2.25	cps
Erbium	164-1	6602	7461	7169	7077	6.17	cps
Erbium	164-2	5131	5081	5314	5175	2.37	cps
Gadolinium	160-1	6960	7152	7060	7058	1.36	cps
Gadolinium	160-2	5408	5655	5561	5541	2.25	cps
Holmium	165-1	15090881	15210634	15071284	15124266	0.50	cps
Holmium	165-2	10673507	10717104	10743621	10711411	0.33	cps
Indium	115-1	10949667	11068729	11063216	11027204	0.61	cps
Indium	115-2	3693441	3641753	3645456	3660216	0.79	cps
Iron	56-2	116139	117462	118501	117367	1.01	cps
Iron	57-2	3084	2945	2878	2969	3.53	cps

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	N1986-01DUP	Instrumnet Name :	P7
Client Sample ID :	PW-410DUP	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 15:47:52	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	7400	7369	7470	7413	0.69	cps
Krypton	83-1	6025	6201	6001	6076	1.80	cps
Lead	206-1	11016	11132	11777	11309	3.63	cps
Lead	207-1	9370	8892	9359	9207	2.96	cps
Lead	208-1	42282	42338	43305	42642	1.35	cps
Lithium	6-1	5122578	5211943	5148870	5161130	0.89	cps
Magnesium	24-2	2066096	2063704	2072879	2067560	0.23	cps
Manganese	55-2	64043	64414	63641	64032	0.60	cps
Molybdenum	94-1	550	642	475	556	15.03	cps
Molybdenum	95-1	333	283	267	294	11.79	cps
Molybdenum	96-1	358	458	408	408	12.25	cps
Molybdenum	97-1	242	117	183	181	34.64	cps
Molybdenum	98-1	592	500	525	539	8.79	cps
Neodymium	150-1	10171	9644	9897	9904	2.66	cps
Neodymium	150-2	5858	5805	5671	5778	1.66	cps
Nickel	60-2	4477	4437	4334	4416	1.68	cps
Phosphorus	31-2	467	258	458	394	29.90	cps
Potassium	39-2	1030329	1016936	1028015	1025093	0.70	cps
Rhodium	103-1	9534374	9544059	9518022	9532152	0.14	cps
Rhodium	103-2	6136101	6173208	5972792	6094033	1.75	cps
Scandium	45-1	7425878	7325804	7424084	7391922	0.77	cps
Scandium	45-2	573072	581113	579257	577814	0.73	cps
Selenium	82-1	116	-96	64	28	395.65	cps
Selenium	77-2	13	27	7	16	65.47	cps
Selenium	78-2	130	139	130	133	4.03	cps
Silicon	28-1	29761981	30178230	30066913	30002375	0.72	cps
Silver	107-1	392	396	438	408	6.21	cps
Silver	109-1	217	267	271	251	11.99	cps
Sodium	23-2	25658723	25837446	25779442	25758537	0.35	cps
Strontium	86-1	85030	85355	85925	85437	0.53	cps
Strontium	88-1	632089	647231	653983	644434	1.74	cps
Sulfur	34-1	365337	367748	370423	367836	0.69	cps
Terbium	159-1	15288740	15479664	15440421	15402942	0.65	cps
Terbium	159-2	10493188	10576258	10490128	10519858	0.46	cps
Thallium	203-1	1525	1367	1583	1492	7.52	cps
Thallium	205-1	3301	3417	3259	3326	2.47	cps

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	N1986-01DUP	Instrumnet Name :	P7
Client Sample ID :	PW-410DUP	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 15:47:52	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	3934	4142	4242	4106	3.83	cps
Tin	118-2	1772	1632	1652	1685	4.50	cps
Titanium	47-1	575	625	667	622	7.38	cps
Uranium	238-1	2117	1975	2150	2081	4.47	cps
Vanadium	51-2	67	43	83	64	31.18	cps
Yttrium	89-1	22295299	22739626	22832744	22622556	1.27	cps
Yttrium	89-2	5297090	5338220	5300041	5311784	0.43	cps
Zinc	66-2	9490	9536	9116	9381	2.46	cps
Zirconium	90-1	1033	1200	1225	1153	9.04	cps
Zirconium	91-1	308	200	292	267	21.88	cps

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	N1986-01LX5	Instrumnet Name :	P7
Client Sample ID :	PW-410L	Dilution Factor :	5
Date & Time Acquired ::	2022-03-23 15:50:46	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6474	6524	6246	6414	2.31	cps
Antimony	121-1	146	221	121	163	32.02	cps
Arsenic	75-2	15	7	15	12	34.61	cps
Barium	135-1	87569	88408	87159	87712	0.73	cps
Barium	137-1	154478	153987	153574	154013	0.29	cps
Beryllium	9-1	157	97	123	126	23.94	cps
Bismuth	209-1	10880805	10854894	10579863	10771854	1.55	cps
Bismuth	209-2	8555418	8474542	8577458	8535806	0.63	cps
Boron	10-1	9236	10562	9712	9837	6.83	cps
Boron	11-1	48000	48836	47574	48137	1.33	cps
Bromine	81-1	16943	16935	16918	16932	0.08	cps
Bromine	81-2	1381	1642	1462	1495	8.92	cps
Cadmium	111-1	1872	1785	1794	1817	2.63	cps
Cadmium	106-1	10366	9954	9912	10077	2.49	cps
Cadmium	108-1	371	371	358	367	1.97	cps
Calcium	43-1	4843	4751	4184	4593	7.77	cps
Calcium	44-1	75581	77498	75706	76262	1.41	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2540	2450	2407	2466	2.76	cps
Cobalt	59-2	3387	3357	3264	3336	1.93	cps
Copper	63-2	165165	165557	166017	165580	0.26	cps
Dysprosium	156-1	1267	1275	1283	1275	0.65	cps
Dysprosium	156-2	970	850	890	903	6.76	cps
Erbium	164-1	1550	1725	1425	1567	9.62	cps
Erbium	164-2	1230	1150	1013	1131	9.69	cps
Gadolinium	160-1	1592	1350	1317	1420	10.57	cps
Gadolinium	160-2	1133	1210	1160	1168	3.33	cps
Holmium	165-1	15314947	15462609	15274401	15350652	0.65	cps
Holmium	165-2	10601316	10365640	10562751	10509902	1.20	cps
Indium	115-1	11259476	11279839	11044152	11194489	1.17	cps
Indium	115-2	3593046	3649916	3635558	3626174	0.82	cps
Iron	56-2	32664	31795	32752	32404	1.63	cps
Iron	57-2	911	844	706	820	12.78	cps

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	N1986-01LX5	Instrumnet Name :	P7
Client Sample ID :	PW-410L	Dilution Factor :	5
Date & Time Acquired ::	2022-03-23 15:50:46	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	2573	2543	2623	2580	1.57	cps
Krypton	83-1	6335	6271	6138	6248	1.61	cps
Lead	206-1	2856	2750	2845	2817	2.06	cps
Lead	207-1	2523	2473	2356	2450	3.49	cps
Lead	208-1	10557	10685	10791	10678	1.09	cps
Lithium	6-1	5150380	5132135	5010038	5097518	1.50	cps
Magnesium	24-2	385343	385979	383897	385073	0.28	cps
Manganese	55-2	12439	12599	12699	12579	1.04	cps
Molybdenum	94-1	608	458	392	486	22.83	cps
Molybdenum	95-1	275	133	92	167	57.66	cps
Molybdenum	96-1	283	192	250	242	19.20	cps
Molybdenum	97-1	142	125	83	117	25.75	cps
Molybdenum	98-1	267	217	200	228	15.23	cps
Neodymium	150-1	2020	2067	2254	2114	5.84	cps
Neodymium	150-2	1077	1117	1140	1111	2.88	cps
Nickel	60-2	883	923	810	872	6.59	cps
Phosphorus	31-2	283	283	267	278	3.46	cps
Potassium	39-2	217877	213473	215521	215623	1.02	cps
Rhodium	103-1	9559007	9766266	9568569	9631281	1.21	cps
Rhodium	103-2	6023234	6122538	6141171	6095648	1.04	cps
Scandium	45-1	7460521	7577608	7400583	7479571	1.20	cps
Scandium	45-2	568287	566202	572802	569097	0.59	cps
Selenium	82-1	-236	-110	-147	-164	-39.58	cps
Selenium	77-2	7	3	3	4	43.40	cps
Selenium	78-2	122	98	131	117	14.67	cps
Silicon	28-1	6000673	6080451	5999136	6026753	0.77	cps
Silver	107-1	258	258	233	250	5.77	cps
Silver	109-1	104	138	175	139	25.51	cps
Sodium	23-2	4997257	4838663	4923220	4919713	1.61	cps
Strontium	86-1	24905	25205	24705	24938	1.01	cps
Strontium	88-1	124014	124392	126752	125053	1.19	cps
Sulfur	34-1	364210	360771	355176	360052	1.27	cps
Terbium	159-1	15368881	15352000	15517500	15412794	0.59	cps
Terbium	159-2	10322167	10491592	10290209	10367990	1.04	cps
Thallium	203-1	1042	1058	958	1020	5.26	cps
Thallium	205-1	2367	2525	2300	2398	4.82	cps

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	N1986-01LX5	Instrumnet Name :	P7
Client Sample ID :	PW-410L	Dilution Factor :	5
Date & Time Acquired ::	2022-03-23 15:50:46	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	2792	2209	3111	2704	16.92	cps
Tin	118-2	721	871	821	804	9.51	cps
Titanium	47-1	183	217	242	214	13.68	cps
Uranium	238-1	450	400	517	456	12.85	cps
Vanadium	51-2	23	40	40	34	27.94	cps
Yttrium	89-1	22684021	22791174	22597800	22690998	0.43	cps
Yttrium	89-2	5241973	5208098	5268774	5239615	0.58	cps
Zinc	66-2	2804	2640	2850	2765	3.99	cps
Zirconium	90-1	1083	967	1042	1031	5.74	cps
Zirconium	91-1	175	150	200	175	14.29	cps

LB Number : LB119317 Operator : Jaswal
 Lab Sample ID : N1986-01MS Instrumnet Name : P7
 Client Sample ID : PW-410MS Dilution Factor : 1
 Date & Time Acquired :: 2022-03-23 16:04:02 DataFile Name : 033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3202624	3179941	3147835	3176800	0.87	cps
Antimony	121-1	5757861	5921707	5949406	5876325	1.76	cps
Arsenic	75-2	269835	274188	270184	271402	0.89	cps
Barium	135-1	7367608	7629271	7560716	7519198	1.80	cps
Barium	137-1	12696603	13194907	13315939	13069150	2.51	cps
Beryllium	9-1	1527066	1500728	1573937	1533910	2.42	cps
Bismuth	209-1	9789569	9674396	9816542	9760169	0.77	cps
Bismuth	209-2	7646245	7726684	7659419	7677450	0.56	cps
Boron	10-1	338198	347888	370441	352176	4.70	cps
Boron	11-1	1658740	1716648	1792470	1722619	3.89	cps
Bromine	81-1	23803	27693	30599	27365	12.46	cps
Bromine	81-2	4635	5116	5346	5033	7.21	cps
Cadmium	111-1	1453512	1502315	1532636	1496154	2.67	cps
Cadmium	106-1	188973	188276	191665	189638	0.94	cps
Cadmium	108-1	124319	122790	124762	123957	0.83	cps
Calcium	43-1	2029823	2011451	2037485	2026253	0.66	cps
Calcium	44-1	30841825	31145844	31331013	31106227	0.79	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2522914	2564311	2572726	2553317	1.04	cps
Cobalt	59-2	4105328	4065998	4035637	4068987	0.86	cps
Copper	63-2	31172736	31509598	31182547	31288294	0.61	cps
Dysprosium	156-1	6343	6452	6652	6482	2.41	cps
Dysprosium	156-2	4587	4814	4811	4738	2.74	cps
Erbium	164-1	6885	7177	7052	7038	2.08	cps
Erbium	164-2	4838	4711	4891	4813	1.92	cps
Gadolinium	160-1	7252	6860	7144	7085	2.86	cps
Gadolinium	160-2	5314	5014	5424	5251	4.04	cps
Holmium	165-1	14712118	14503511	14819538	14678389	1.09	cps
Holmium	165-2	10327819	10344632	10236412	10302954	0.57	cps
Indium	115-1	10238234	10365412	10576278	10393308	1.64	cps
Indium	115-2	3421054	3350232	3380818	3384035	1.05	cps
Iron	56-2	121179092	121808050	122019411	121668851	0.36	cps
Iron	57-2	3024825	3055292	3014076	3031398	0.71	cps

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	N1986-01MS	Instrumnet Name :	P7
Client Sample ID :	PW-410MS	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 16:04:02	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	6768658	6851134	6810581	6810124	0.61	cps
Krypton	83-1	5945	6145	6155	6081	1.95	cps
Lead	206-1	29763217	30303377	30495325	30187306	1.26	cps
Lead	207-1	25544072	26320628	26319801	26061500	1.72	cps
Lead	208-1	115976288	118627031	118846784	117816701	1.36	cps
Lithium	6-1	4858028	4695721	4897380	4817043	2.22	cps
Magnesium	24-2	34052367	34019887	33865111	33979122	0.29	cps
Manganese	55-2	22307557	22764361	22637790	22569903	1.04	cps
Molybdenum	94-1	11014961	11101935	11316398	11144431	1.39	cps
Molybdenum	95-1	13538839	13629878	13842286	13670335	1.14	cps
Molybdenum	96-1	15046075	14991896	15582052	15206674	2.15	cps
Molybdenum	97-1	8217116	8309974	8527904	8351665	1.91	cps
Molybdenum	98-1	21790772	22025972	22454001	22090249	1.52	cps
Neodymium	150-1	10177	9670	10050	9966	2.65	cps
Neodymium	150-2	5374	5618	5221	5404	3.70	cps
Nickel	60-2	1001398	1001921	1007281	1003533	0.32	cps
Phosphorus	31-2	408	375	308	364	13.99	cps
Potassium	39-2	14576688	14701306	14753865	14677286	0.62	cps
Rhodium	103-1	8658773	8676248	8810169	8715063	0.95	cps
Rhodium	103-2	5618225	5526184	5530289	5558233	0.94	cps
Scandium	45-1	7113828	7184838	7134976	7144547	0.51	cps
Scandium	45-2	543246	555383	549787	549472	1.11	cps
Selenium	82-1	103859	105306	106813	105326	1.40	cps
Selenium	77-2	9300	8943	9466	9236	2.90	cps
Selenium	78-2	29949	30793	30594	30445	1.45	cps
Silicon	28-1	32674163	32871337	33456987	33000829	1.23	cps
Silver	107-1	6832651	5545385	5580896	5986311	12.25	cps
Silver	109-1	5384161	6034813	5978973	5799316	6.22	cps
Sodium	23-2	77081238	76879193	76639396	76866609	0.29	cps
Strontium	86-1	2031925	2075594	2051309	2052943	1.07	cps
Strontium	88-1	17032930	17191645	17454542	17226372	1.24	cps
Sulfur	34-1	373980	370548	372007	372178	0.46	cps
Terbium	159-1	14578838	14639920	15025843	14748200	1.64	cps
Terbium	159-2	10086854	10035969	10090553	10071125	0.30	cps
Thallium	203-1	7024147	6963855	7070699	7019567	0.76	cps
Thallium	205-1	16605820	16948135	16848765	16800907	1.05	cps

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	N1986-01MS	Instrumnet Name :	P7
Client Sample ID :	PW-410MS	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 16:04:02	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	4812430	4953329	5028859	4931540	2.23	cps
Tin	118-2	1994948	1961322	1987505	1981258	0.89	cps
Titanium	47-1	4150182	4229172	4207530	4195628	0.97	cps
Uranium	238-1	21862987	22024198	22259920	22049035	0.91	cps
Vanadium	51-2	2194752	2197961	2223631	2205448	0.72	cps
Yttrium	89-1	21548946	21646757	21850223	21681975	0.71	cps
Yttrium	89-2	5039975	5021081	5053033	5038030	0.32	cps
Zinc	66-2	4285792	4350685	4335649	4324042	0.79	cps
Zirconium	90-1	9396850	9402865	9593776	9464497	1.18	cps
Zirconium	91-1	2093915	2141573	2149105	2128198	1.41	cps

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	N1986-01MSD	Instrumnet Name :	P7
Client Sample ID :	PW-410MSD	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 16:06:37	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3191922	3258636	3200766	3217108	1.13	cps
Antimony	121-1	5877180	5947935	5984246	5936454	0.92	cps
Arsenic	75-2	274835	276295	277777	276302	0.53	cps
Barium	135-1	7520759	7597171	7655074	7591001	0.89	cps
Barium	137-1	13235190	13301459	13330456	13289035	0.37	cps
Beryllium	9-1	1546187	1537581	1550637	1544802	0.43	cps
Bismuth	209-1	9813295	9800725	9838665	9817561	0.20	cps
Bismuth	209-2	7472444	7025153	7516774	7338124	3.71	cps
Boron	10-1	350342	355351	378575	361423	4.17	cps
Boron	11-1	1728965	1818978	1840837	1796260	3.30	cps
Bromine	81-1	28428	31751	33848	31342	8.72	cps
Bromine	81-2	5597	5677	5587	5620	0.88	cps
Cadmium	111-1	1486704	1536228	1537660	1520197	1.91	cps
Cadmium	106-1	191730	190669	196562	192987	1.63	cps
Cadmium	108-1	127758	125288	128812	127286	1.42	cps
Calcium	43-1	2054154	2024674	2042208	2040346	0.73	cps
Calcium	44-1	31389655	31536098	31917252	31614335	0.86	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2578932	2604391	2600607	2594643	0.53	cps
Cobalt	59-2	4119842	4137565	4093578	4116995	0.54	cps
Copper	63-2	31923956	31659269	32061047	31881424	0.64	cps
Dysprosium	156-1	6735	6468	6502	6568	2.21	cps
Dysprosium	156-2	4784	4841	4764	4796	0.83	cps
Erbium	164-1	7627	7452	7227	7436	2.70	cps
Erbium	164-2	4798	4708	4994	4833	3.03	cps
Gadolinium	160-1	7094	7719	6969	7260	5.54	cps
Gadolinium	160-2	5558	5641	5478	5559	1.47	cps
Holmium	165-1	14790219	14744354	14734803	14756458	0.20	cps
Holmium	165-2	10031236	9345369	10256352	9877652	4.80	cps
Indium	115-1	10250517	10196166	10452822	10299835	1.31	cps
Indium	115-2	3278368	3005654	3242865	3175629	4.67	cps
Iron	56-2	123040903	124781714	121820192	123214269	1.21	cps
Iron	57-2	3092744	3093565	3026111	3070807	1.26	cps

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	N1986-01MSD	Instrumnet Name :	P7
Client Sample ID :	PW-410MSD	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 16:06:37	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	6881636	6969335	6899194	6916722	0.67	cps
Krypton	83-1	6248	6035	6005	6096	2.18	cps
Lead	206-1	30599896	30617408	31081272	30766192	0.89	cps
Lead	207-1	26021008	26473416	26572377	26355600	1.12	cps
Lead	208-1	119118429	119131303	121205393	119818375	1.00	cps
Lithium	6-1	4837210	4827921	4936925	4867352	1.24	cps
Magnesium	24-2	34391177	34884581	34516549	34597436	0.74	cps
Manganese	55-2	22783272	22876971	22723423	22794555	0.34	cps
Molybdenum	94-1	11244728	11218604	11395431	11286254	0.85	cps
Molybdenum	95-1	13903819	14013033	14021556	13979469	0.47	cps
Molybdenum	96-1	15468844	15682329	15621975	15591049	0.71	cps
Molybdenum	97-1	8392698	8502091	8533804	8476198	0.87	cps
Molybdenum	98-1	22364498	22586265	22836048	22595604	1.04	cps
Neodymium	150-1	10638	10017	10204	10286	3.09	cps
Neodymium	150-2	5598	5531	5671	5600	1.25	cps
Nickel	60-2	1025635	1017235	1026367	1023079	0.50	cps
Phosphorus	31-2	300	283	325	303	6.93	cps
Potassium	39-2	14941648	14966930	15083000	14997193	0.50	cps
Rhodium	103-1	8733024	8643544	8763973	8713514	0.72	cps
Rhodium	103-2	5494252	5005203	5407351	5302269	4.92	cps
Scandium	45-1	7217756	7031538	7108615	7119303	1.31	cps
Scandium	45-2	533694	500858	539855	524802	3.99	cps
Selenium	82-1	106543	107726	107686	107318	0.63	cps
Selenium	77-2	9223	8939	9440	9201	2.73	cps
Selenium	78-2	30984	30646	30995	30875	0.64	cps
Silicon	28-1	33193862	33856113	33793142	33614373	1.09	cps
Silver	107-1	5209506	5576832	6445364	5743900	11.05	cps
Silver	109-1	6343274	5758080	6718985	6273446	7.72	cps
Sodium	23-2	77333382	78719488	77873949	77975606	0.90	cps
Strontium	86-1	2068326	2087953	2098188	2084822	0.73	cps
Strontium	88-1	17515537	17560721	17547405	17541221	0.13	cps
Sulfur	34-1	364967	364022	364612	364534	0.13	cps
Terbium	159-1	14783319	14691538	14833736	14769531	0.49	cps
Terbium	159-2	9750464	9104141	9686510	9513705	3.74	cps
Thallium	203-1	7088110	7167269	7191878	7149086	0.76	cps
Thallium	205-1	16812711	17078667	17154283	17015220	1.05	cps

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	N1986-01MSD	Instrumnet Name :	P7
Client Sample ID :	PW-410MSD	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 16:06:37	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	4872422	4920672	5075796	4956297	2.14	cps
Tin	118-2	2041544	1993733	1996319	2010532	1.34	cps
Titanium	47-1	4302134	4188944	4299524	4263534	1.52	cps
Uranium	238-1	22164007	22147425	22663007	22324813	1.31	cps
Vanadium	51-2	2215485	2197390	2239309	2217395	0.95	cps
Yttrium	89-1	21722268	21636161	21598341	21652257	0.29	cps
Yttrium	89-2	4883639	4510307	4900870	4764939	4.63	cps
Zinc	66-2	4372035	4360904	4368543	4367161	0.13	cps
Zirconium	90-1	9541197	9532175	9622171	9565181	0.52	cps
Zirconium	91-1	2117830	2140163	2196161	2151385	1.88	cps

LB Number : LB119317 Operator : Jaswal
 Lab Sample ID : N1986-01A Instrumnet Name : P7
 Client Sample ID : PW-410A Dilution Factor : 1
 Date & Time Acquired :: 2022-03-23 16:09:15 DataFile Name : 035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3220038	3243574	3251841	3238484	0.51	cps
Antimony	121-1	5891693	5952707	5999029	5947810	0.91	cps
Arsenic	75-2	276293	274459	274932	275228	0.35	cps
Barium	135-1	7484267	7596844	7732792	7604635	1.64	cps
Barium	137-1	13136785	13129690	13473717	13246731	1.48	cps
Beryllium	9-1	1594449	1561699	1582016	1579388	1.05	cps
Bismuth	209-1	9794710	9709547	9972673	9825643	1.37	cps
Bismuth	209-2	7758838	7678858	7617338	7685011	0.92	cps
Boron	10-1	359297	361423	383061	367927	3.57	cps
Boron	11-1	1755980	1833488	1877514	1822328	3.38	cps
Bromine	81-1	27852	31993	35452	31766	11.98	cps
Bromine	81-2	5577	5306	5707	5530	3.69	cps
Cadmium	111-1	1488026	1522935	1526296	1512419	1.40	cps
Cadmium	106-1	195378	195313	199422	196704	1.20	cps
Cadmium	108-1	125110	127358	130262	127577	2.02	cps
Calcium	43-1	2053676	2047902	2109257	2070278	1.64	cps
Calcium	44-1	31423844	32121152	31726588	31757195	1.10	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2608856	2587968	2611248	2602691	0.49	cps
Cobalt	59-2	4141087	4101164	4146204	4129485	0.60	cps
Copper	63-2	32080057	31902228	32183503	32055263	0.44	cps
Dysprosium	156-1	6293	6802	6793	6630	4.39	cps
Dysprosium	156-2	4711	4601	4671	4661	1.19	cps
Erbium	164-1	6885	7127	7260	7091	2.68	cps
Erbium	164-2	4881	4918	4838	4879	0.82	cps
Gadolinium	160-1	7152	7194	7369	7238	1.59	cps
Gadolinium	160-2	5408	5571	5745	5574	3.02	cps
Holmium	165-1	14843615	14718313	15043585	14868504	1.10	cps
Holmium	165-2	10170129	10210982	10142869	10174660	0.34	cps
Indium	115-1	10317209	10350883	10252216	10306769	0.49	cps
Indium	115-2	3348042	3350079	3315067	3337730	0.59	cps
Iron	56-2	122709844	123024219	123385081	123039715	0.27	cps
Iron	57-2	3047362	3041646	3079888	3056299	0.67	cps

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	N1986-01A	Instrumnet Name :	P7
Client Sample ID :	PW-410A	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 16:09:15	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	6866652	6914590	6856510	6879250	0.45	cps
Krypton	83-1	6015	6048	6135	6066	1.02	cps
Lead	206-1	30497835	30903672	31144360	30848622	1.06	cps
Lead	207-1	26169705	26486135	26642062	26432634	0.91	cps
Lead	208-1	119127402	120248206	121211609	120195739	0.87	cps
Lithium	6-1	4885573	4980478	5066468	4977506	1.82	cps
Magnesium	24-2	34750849	34815481	35136377	34900902	0.59	cps
Manganese	55-2	22854204	23025195	22868413	22915937	0.41	cps
Molybdenum	94-1	11160101	11376541	11421909	11319517	1.24	cps
Molybdenum	95-1	13620371	14084169	13933051	13879197	1.70	cps
Molybdenum	96-1	15298531	15718422	15715868	15577607	1.55	cps
Molybdenum	97-1	8452486	8623122	8683638	8586415	1.40	cps
Molybdenum	98-1	22217652	22637281	22775031	22543321	1.29	cps
Neodymium	150-1	10597	9850	9904	10117	4.12	cps
Neodymium	150-2	5541	5541	5705	5596	1.69	cps
Nickel	60-2	1016933	1008578	1027468	1017660	0.93	cps
Phosphorus	31-2	375	325	442	381	15.38	cps
Potassium	39-2	14962996	14880900	14881246	14908381	0.32	cps
Rhodium	103-1	8691477	8901613	8821977	8805022	1.20	cps
Rhodium	103-2	5504568	5474636	5542746	5507317	0.62	cps
Scandium	45-1	7158884	7165064	7061668	7128539	0.81	cps
Scandium	45-2	554935	548236	549178	550783	0.66	cps
Selenium	82-1	107418	107503	108689	107870	0.66	cps
Selenium	77-2	9270	9280	9250	9266	0.16	cps
Selenium	78-2	30864	30936	30628	30809	0.52	cps
Silicon	28-1	33275610	33380781	34344221	33666871	1.75	cps
Silver	107-1	7441443	7281760	7680297	7467833	2.69	cps
Silver	109-1	7999938	7694560	8222869	7972456	3.33	cps
Sodium	23-2	78342938	78696521	79606032	78881830	0.83	cps
Strontium	86-1	2049323	2104771	2110289	2088127	1.61	cps
Strontium	88-1	17342315	17672584	17607128	17540676	1.00	cps
Sulfur	34-1	373025	366649	365344	368339	1.12	cps
Terbium	159-1	14927058	14929893	14758177	14871709	0.66	cps
Terbium	159-2	9979149	9955960	9824239	9919783	0.84	cps
Thallium	203-1	7101953	7081343	7224649	7135981	1.09	cps
Thallium	205-1	16786563	16825445	17178552	16930187	1.28	cps

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	N1986-01A	Instrumnet Name :	P7
Client Sample ID :	PW-410A	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 16:09:15	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	4907148	4935256	4995770	4946058	0.92	cps
Tin	118-2	1996746	1995343	1987183	1993091	0.26	cps
Titanium	47-1	4263441	4314120	4259660	4279073	0.71	cps
Uranium	238-1	22248926	22558429	22763354	22523570	1.15	cps
Vanadium	51-2	2218269	2201829	2227397	2215832	0.58	cps
Yttrium	89-1	21759372	22015574	21786368	21853771	0.64	cps
Yttrium	89-2	4976153	5035329	4994395	5001959	0.61	cps
Zinc	66-2	4399940	4374358	4385988	4386762	0.29	cps
Zirconium	90-1	9615697	9732061	9787109	9711622	0.90	cps
Zirconium	91-1	2110882	2187566	2195369	2164606	2.16	cps

LB Number : LB119317 Operator : Jaswal
 Lab Sample ID : CCV33 Instrumnet Name : P7
 Client Sample ID : CCV33 Dilution Factor : 1
 Date & Time Acquired :: 2022-03-23 16:29:19 DataFile Name : 040CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18494386	18177733	18525804	18399308	1.05	cps
Antimony	121-1	5919411	5828437	5839452	5862433	0.85	cps
Arsenic	75-2	272087	273364	274676	273376	0.47	cps
Barium	135-1	7508238	7506514	7404117	7472956	0.80	cps
Barium	137-1	12935239	13021359	13032392	12996330	0.41	cps
Beryllium	9-1	1602220	1589817	1629115	1607051	1.25	cps
Bismuth	209-1	9117800	9173763	9128081	9139881	0.33	cps
Bismuth	209-2	7246884	7218996	7291942	7252607	0.51	cps
Boron	10-1	347365	346644	364355	352788	2.84	cps
Boron	11-1	1727963	1725627	1803378	1752322	2.52	cps
Bromine	81-1	7719	7452	7135	7435	3.93	cps
Bromine	81-2	130	100	170	133	26.34	cps
Cadmium	111-1	1563441	1596553	1603613	1587869	1.35	cps
Cadmium	106-1	206142	203638	204055	204612	0.66	cps
Cadmium	108-1	143439	143815	143999	143751	0.20	cps
Calcium	43-1	10689548	10814612	10709636	10737932	0.63	cps
Calcium	44-1	165366429	166280462	165229208	165625366	0.35	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2879654	2840936	2857874	2859488	0.68	cps
Cobalt	59-2	4209280	4285142	4248593	4247672	0.89	cps
Copper	63-2	28956683	29023576	29156309	29045523	0.35	cps
Dysprosium	156-1	1383	1717	1733	1611	12.26	cps
Dysprosium	156-2	1063	1177	993	1078	8.58	cps
Erbium	164-1	358	333	333	342	4.22	cps
Erbium	164-2	283	227	207	239	16.65	cps
Gadolinium	160-1	1058	1250	1300	1203	10.61	cps
Gadolinium	160-2	1167	1197	1303	1222	5.88	cps
Holmium	165-1	14903091	14975587	15243480	15040720	1.19	cps
Holmium	165-2	10385732	10350256	10477349	10404446	0.63	cps
Indium	115-1	10484003	10534290	10592484	10536926	0.52	cps
Indium	115-2	3404996	3454784	3405695	3421825	0.83	cps
Iron	56-2	652642192	654938015	655805815	654462007	0.25	cps
Iron	57-2	16263225	16457766	16479915	16400302	0.73	cps

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	CCV33	Instrumnet Name :	P7
Client Sample ID :	CCV33	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 16:29:19	DataFile Name :	040CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	36326693	36123945	36208401	36219680	0.28	cps
Krypton	83-1	6055	6068	6195	6106	1.27	cps
Lead	206-1	29644403	29155791	29439037	29413077	0.83	cps
Lead	207-1	25374577	25183651	25193635	25250621	0.43	cps
Lead	208-1	115194430	114260890	113871874	114442398	0.59	cps
Lithium	6-1	4840328	4866299	4994277	4900301	1.68	cps
Magnesium	24-2	179518771	181470782	181761115	180916889	0.67	cps
Manganese	55-2	21568206	21515692	21540888	21541595	0.12	cps
Molybdenum	94-1	22559133	22503170	22238387	22433564	0.76	cps
Molybdenum	95-1	33373025	32956151	32898266	33075814	0.78	cps
Molybdenum	96-1	36364704	35954948	36181363	36167005	0.57	cps
Molybdenum	97-1	20111503	20004970	20061106	20059193	0.27	cps
Molybdenum	98-1	53514749	53142250	53030881	53229294	0.48	cps
Neodymium	150-1	740	660	680	693	6.00	cps
Neodymium	150-2	133	170	173	159	13.97	cps
Nickel	60-2	1047428	1063571	1059118	1056705	0.79	cps
Phosphorus	31-2	168968	167897	169118	168661	0.39	cps
Potassium	39-2	77168714	76948468	79001877	77706353	1.45	cps
Rhodium	103-1	8582979	8571136	8646790	8600301	0.47	cps
Rhodium	103-2	5492374	5374454	5510779	5459203	1.35	cps
Scandium	45-1	7536561	7584545	7638961	7586689	0.68	cps
Scandium	45-2	588421	595028	594004	592484	0.60	cps
Selenium	82-1	125949	125641	125340	125643	0.24	cps
Selenium	77-2	11251	10727	10821	10933	2.56	cps
Selenium	78-2	36740	36929	36547	36739	0.52	cps
Silicon	28-1	13638722	13619959	13650763	13636481	0.11	cps
Silver	107-1	7311011	7208197	7232548	7250585	0.74	cps
Silver	109-1	6951308	6947413	6916000	6938240	0.28	cps
Sodium	23-2	291593201	291196379	296807107	293198895	1.07	cps
Strontium	86-1	21092793	21180816	21065170	21112926	0.29	cps
Strontium	88-1	178254758	178101983	177572979	177976573	0.20	cps
Sulfur	34-1	1369127	1388774	1362954	1373618	0.98	cps
Terbium	159-1	15102585	15306184	15200601	15203123	0.67	cps
Terbium	159-2	10167989	10159183	10182560	10169911	0.12	cps
Thallium	203-1	7065060	6991294	7115795	7057383	0.89	cps
Thallium	205-1	16892310	16645238	16833101	16790216	0.77	cps

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	CCV33	Instrumnet Name :	P7
Client Sample ID :	CCV33	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	5204593	5173392	5131760	5169915	0.71	cps
Tin	118-2	2084048	2064950	2051679	2066892	0.79	cps
Titanium	47-1	10156087	10060074	10105311	10107158	0.48	cps
Uranium	238-1	22612449	22794048	22500237	22635578	0.66	cps
Vanadium	51-2	2417155	2442796	2423617	2427856	0.55	cps
Yttrium	89-1	22651710	22940630	22812220	22801520	0.63	cps
Yttrium	89-2	5330428	5264209	5330298	5308312	0.72	cps
Zinc	66-2	4933471	4925557	4952275	4937101	0.28	cps
Zirconium	90-1	10531666	10635146	10473500	10546771	0.78	cps
Zirconium	91-1	2366749	2394353	2343087	2368063	1.08	cps

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	CCB33	Instrumnet Name :	P7
Client Sample ID :	CCB33	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 16:34:20	DataFile Name :	041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1761	1778	1917	1819	4.70	cps
Antimony	121-1	1371	1483	1450	1435	4.03	cps
Arsenic	75-2	24	26	20	23	12.07	cps
Barium	135-1	583	517	517	539	7.14	cps
Barium	137-1	992	775	758	842	15.47	cps
Beryllium	9-1	137	153	123	138	10.91	cps
Bismuth	209-1	10870024	10902304	10811834	10861387	0.42	cps
Bismuth	209-2	8761498	8767867	8673151	8734172	0.61	cps
Boron	10-1	9978	10304	9303	9862	5.18	cps
Boron	11-1	46746	45442	44239	45476	2.76	cps
Bromine	81-1	8553	8594	7636	8261	6.56	cps
Bromine	81-2	30	50	70	50	40.00	cps
Cadmium	111-1	1915	2092	1984	1997	4.47	cps
Cadmium	106-1	9812	10337	9845	9998	2.94	cps
Cadmium	108-1	217	138	146	167	26.10	cps
Calcium	43-1	625	758	692	692	9.64	cps
Calcium	44-1	14949	15800	13606	14785	7.48	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2067	2304	2234	2201	5.52	cps
Cobalt	59-2	293	337	333	321	7.51	cps
Copper	63-2	3170	3150	3217	3179	1.08	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Dysprosium	156-2	13	10	7	10	33.30	cps
Erbium	164-1	92	150	100	114	27.70	cps
Erbium	164-2	73	83	57	71	18.94	cps
Gadolinium	160-1	58	25	42	42	40.00	cps
Gadolinium	160-2	187	203	320	237	30.70	cps
Holmium	165-1	15619516	15857328	15668413	15715086	0.80	cps
Holmium	165-2	10912423	11011703	10872372	10932166	0.66	cps
Indium	115-1	11961802	12089121	11762539	11937821	1.38	cps
Indium	115-2	3891761	3886448	3884626	3887612	0.10	cps
Iron	56-2	26680	25572	25550	25934	2.49	cps
Iron	57-2	533	544	628	569	9.08	cps

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	CCB33	Instrumnet Name :	P7
Client Sample ID :	CCB33	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 16:34:20	DataFile Name :	041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Iron	54-2	2363	2283	2393	2346	2.43	cps
Krypton	83-1	6938	6678	6522	6713	3.14	cps
Lead	206-1	3684	3823	3439	3649	5.32	cps
Lead	207-1	3300	2956	3273	3176	6.03	cps
Lead	208-1	14748	14381	13892	14340	2.99	cps
Lithium	6-1	5656928	5613793	5567498	5612739	0.80	cps
Magnesium	24-2	4362	4373	4201	4312	2.24	cps
Manganese	55-2	1087	1143	1160	1130	3.40	cps
Molybdenum	94-1	1984	1658	1325	1656	19.88	cps
Molybdenum	95-1	2575	1884	1900	2120	18.62	cps
Molybdenum	96-1	2867	2142	1984	2331	20.21	cps
Molybdenum	97-1	1533	1125	908	1189	26.70	cps
Molybdenum	98-1	3976	3501	2975	3484	14.36	cps
Neodymium	150-1	20	7	7	11	69.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	123	190	143	152	22.47	cps
Phosphorus	31-2	267	375	342	328	16.93	cps
Potassium	39-2	37380	37739	37196	37438	0.74	cps
Rhodium	103-1	10345690	10638200	10234648	10406179	2.00	cps
Rhodium	103-2	6542601	6511651	6589832	6548028	0.60	cps
Scandium	45-1	8319369	8131287	8044989	8165215	1.72	cps
Scandium	45-2	620605	614334	623784	619574	0.78	cps
Selenium	82-1	-259	-56	32	-94	-158.18	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	146	163	146	152	6.33	cps
Silicon	28-1	217890	224373	219732	220665	1.51	cps
Silver	107-1	1892	1492	1329	1571	18.43	cps
Silver	109-1	1596	1342	1233	1390	13.38	cps
Sodium	23-2	45880	45155	45144	45393	0.93	cps
Strontium	86-1	11146	11221	11188	11185	0.34	cps
Strontium	88-1	5276	5493	4409	5059	11.33	cps
Sulfur	34-1	410493	408022	407303	408606	0.41	cps
Terbium	159-1	15775234	16111079	15728497	15871603	1.31	cps
Terbium	159-2	10725441	10714888	10763558	10734629	0.24	cps
Thallium	203-1	1083	1150	850	1028	15.33	cps
Thallium	205-1	2650	2825	2650	2709	3.73	cps

LB Number :	LB119317	Operator :	Jaswal
Lab Sample ID :	CCB33	Instrumnet Name :	P7
Client Sample ID :	CCB33	Dilution Factor :	1
Date & Time Acquired ::	2022-03-23 16:34:20	DataFile Name :	041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Tin	118-1	2550	2467	2175	2397	8.21	cps
Tin	118-2	791	881	821	831	5.52	cps
Titanium	47-1	283	383	375	347	15.98	cps
Uranium	238-1	575	575	567	572	0.84	cps
Vanadium	51-2	70	87	87	81	11.87	cps
Yttrium	89-1	24469857	24861364	23852841	24394687	2.08	cps
Yttrium	89-2	5631249	5641454	5632422	5635042	0.10	cps
Zinc	66-2	1117	1023	1083	1074	4.40	cps
Zirconium	90-1	1500	1433	1358	1431	4.95	cps
Zirconium	91-1	258	300	242	267	11.27	cps