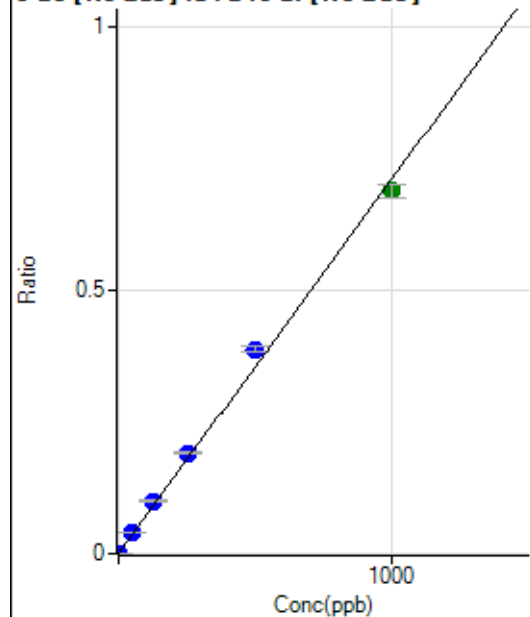


Calibration for 006CAL.S.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7100423 MS.b\
 Analysis File: P7100423 MS.batch.bin
 DA Date-Time: 2023-10-04 13:42:37
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2023-10-04 12:42:40
2	005CAL.S.d	S02	2023-10-04 12:45:55
3	007CAL.S.d	S03	2023-10-04 12:52:27
4	008CAL.S.d	S04	2023-10-04 12:55:33
5	009CAL.S.d	S05	2023-10-04 12:58:26
6	010CAL.S.d	S06	2023-10-04 13:01:14
7	011CAL.S.d	S07	2023-10-04 13:04:00
8	012CAL.S.d	S08	2023-10-04 13:06:48

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	79.09	0.0000	P	12.5
2	☐	1.000	0.968	1835.06	0.0007	P	3.8
3	☐	50.000	56.965	104925.74	0.0405	P	1.4
4	☐	125.000	140.812	257001.21	0.1000	P	2.2
5	☐	250.000	269.786	502660.35	0.1916	P	0.4
6	☐	500.000	545.517	976263.17	0.3874	P	2.8
7	☐	1000.000	969.970	1810888.04	0.6888	A	3.6
8	☐			841.86	0.0004	P	5.4

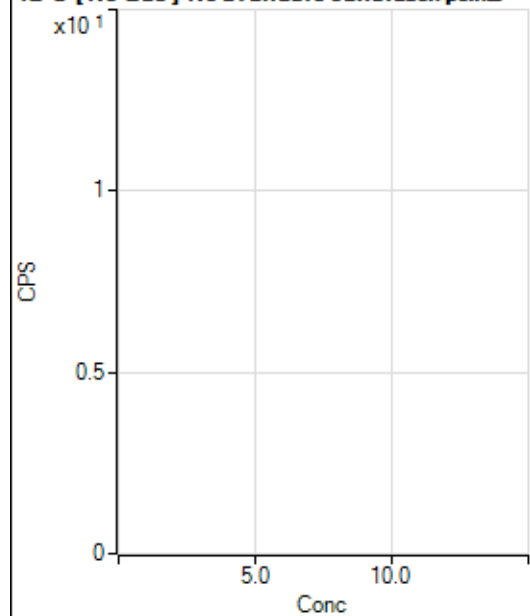
$$y = 7.1005\text{E-}004 * x + 3.0027\text{E-}005$$

$$R = 0.9981$$

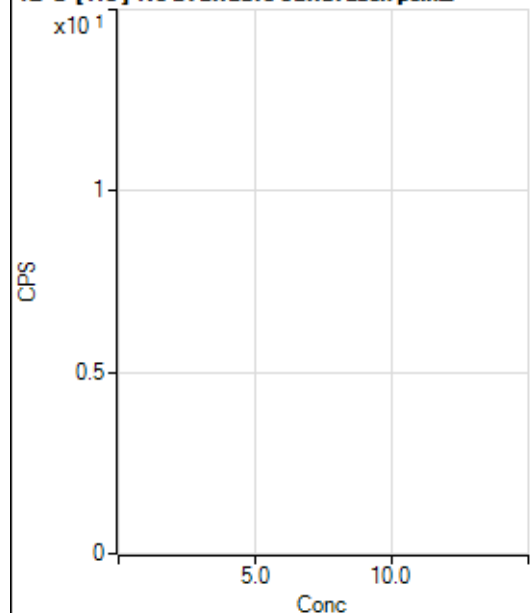
$$DL = 0.01582$$

Weight: <None>

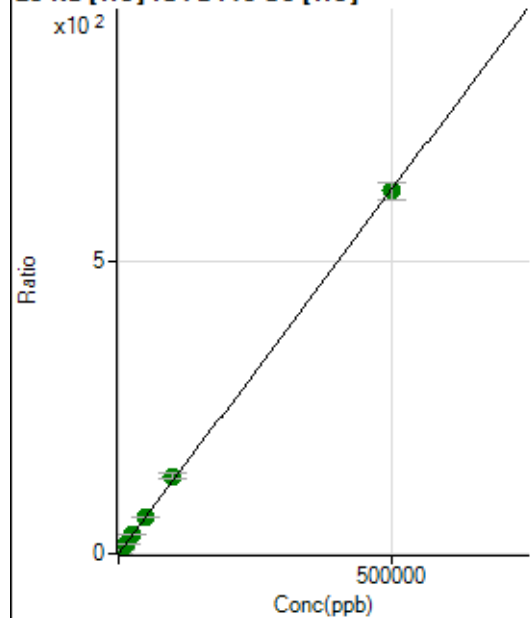
Min Conc: 0

12 C [No Gas] No available calibration points

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

12 C [He] No available calibration points

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

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	12830.99	0.0301	P	0.9
2	☐	500.000	510.597	285355.62	0.6647	P	0.6
3	☐	5000.000	5208.152	2745483.57	6.5031	A	1.0
4	☐	12500.000	13072.594	6847135.87	16.2775	A	0.7
5	☐	25000.000	25747.591	13316803.69	32.0308	A	1.6
6	☐	50000.000	51251.762	26154638.50	63.7290	A	0.0
7	☐	100000.00	106804.29	51149724.24	132.7731	A	5.7
8	☐	500000.00	498460.17	225403716.6	619.5476	A	4.9

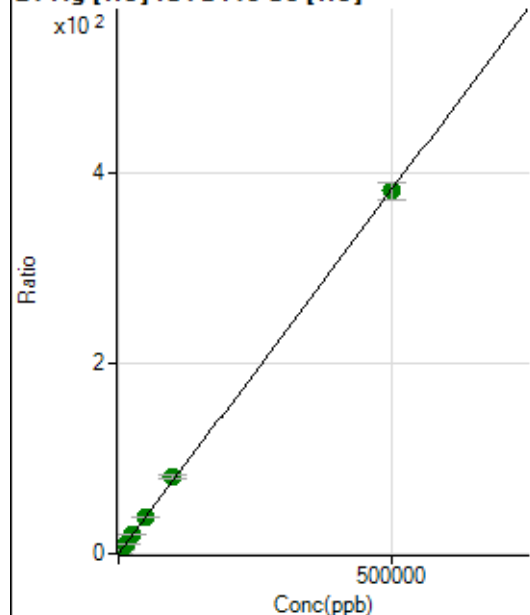
$$y = 0.0012 * x + 0.0301$$

$$R = 0.9999$$

$$DL = 0.6734$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	425.57	0.0010	P	9.6
2	☐	500.000	505.444	166035.77	0.3868	P	1.3
3	☐	5000.000	5245.225	1690535.46	4.0043	A	1.1
4	☐	12500.000	12890.354	4138927.75	9.8392	A	0.2
5	☐	25000.000	25515.192	8096770.85	19.4748	A	1.0
6	☐	50000.000	50544.625	15832548.10	38.5778	A	0.2
7	☐	100000.00	105250.12	30945204.54	80.3304	A	5.9
8	☐	500000.00	498857.53	138518683.4	380.7408	A	5.0

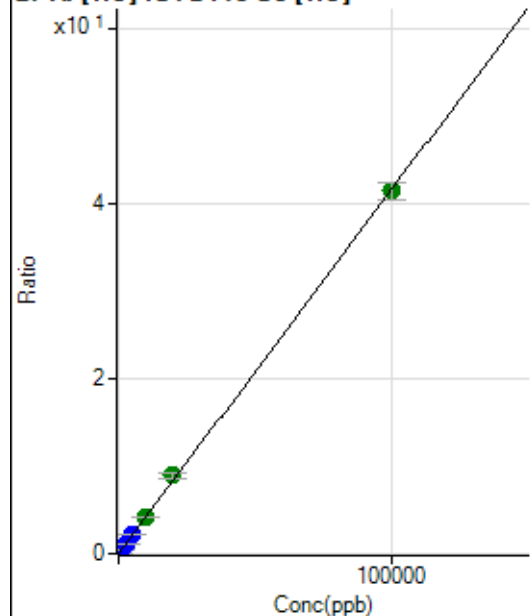
$$y = 7.6322\text{E-}004 * x + 9.9783\text{E-}004$$

$$R = 0.9999$$

$$DL = 0.3783$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	376.68	0.0009	P	8.6
2	☐	20.000	21.951	4296.19	0.0100	P	3.5
3	☐	1000.000	1120.980	197121.73	0.4669	P	1.0
4	☐	2500.000	2783.469	487143.65	1.1581	P	0.5
5	☐	5000.000	5513.636	953387.20	2.2931	P	0.5
6	☐	10000.000	10177.226	1736812.46	4.2319	A	0.9
7	☐	20000.000	21484.727	3441050.61	8.9328	A	5.9
8	☐	100000.00	99651.353	15074340.47	41.4292	A	4.7

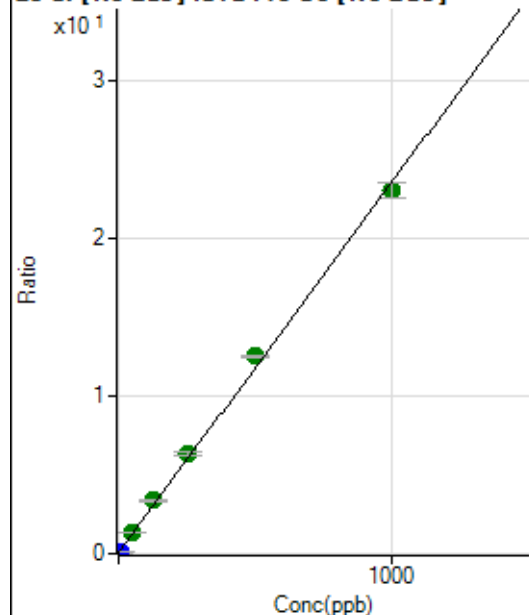
$$y = 4.1573\text{E-}004 * x + 8.8293\text{E-}004$$

$$R = 0.9999$$

$$DL = 0.5476$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	292975.23	0.0548	P	0.9
2	☐	10.000	0.657	366651.46	0.0702	P	3.3
3	☐	50.000	56.367	7207763.43	1.3788	A	2.2
4	☐	125.000	141.443	17234102.66	3.3772	A	3.7
5	☐	250.000	267.889	33298340.06	6.3474	A	2.0
6	☐	500.000	530.832	64698396.81	12.5238	A	1.2
7	☐	1000.000	977.832	123463078.1	23.0237	A	4.3
8	☐			380864.31	0.0805	P	4.2

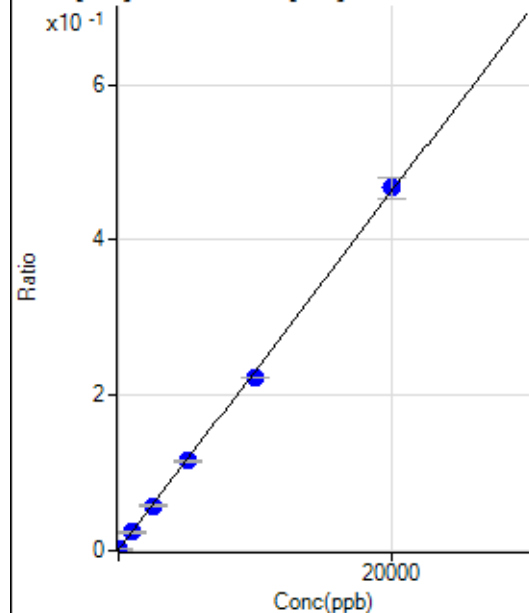
$$y = 0.0235 * x + 0.0548$$

$$R = 0.9989$$

$$DL = 0.06109$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-9.965	367.79	0.0009	P	13.3
2	☐	0.000	9.965	567.80	0.0013	P	4.5
3	☐	1000.000	972.866	9935.52	0.0235	P	0.1
4	☐	2500.000	2474.188	24466.27	0.0582	P	0.6
5	☐	5000.000	4963.872	48054.12	0.1156	P	2.2
6	☐	10000.000	9612.797	91447.70	0.2228	P	0.7
7	☐	20000.000	20207.217	179990.24	0.4672	P	5.6
8	☐			432.23	0.0012	P	10.4

$$y = 2.3066E-005 * x + 0.0011$$

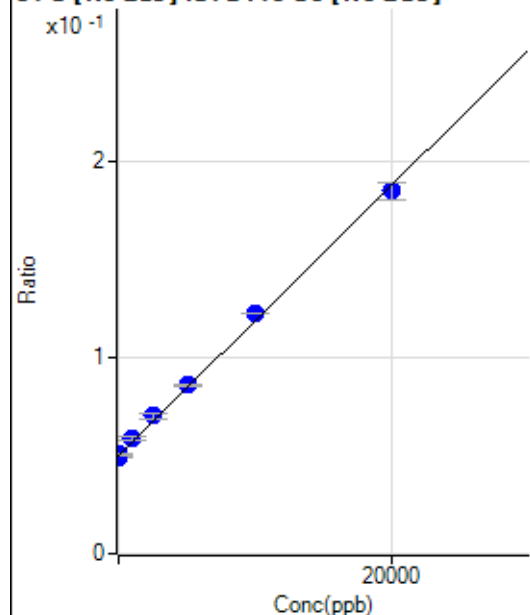
$$R = 0.9997$$

$$DL = 11.35$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-145.716	260802.43	0.0487	P	0.3
2	☐	0.000	145.716	265199.27	0.0508	P	2.3
3	☐	1000.000	1321.857	307881.92	0.0589	P	2.5
4	☐	2500.000	2970.365	358690.79	0.0703	P	4.0
5	☐	5000.000	5253.338	451605.20	0.0861	P	1.3
6	☐	10000.000	10539.180	633559.08	0.1226	P	0.6
7	☐	20000.000	19592.187	993281.20	0.1852	P	4.5
8	☐			221889.16	0.0469	P	1.8

$$y = 6.9153E-006 * x + 0.0498$$

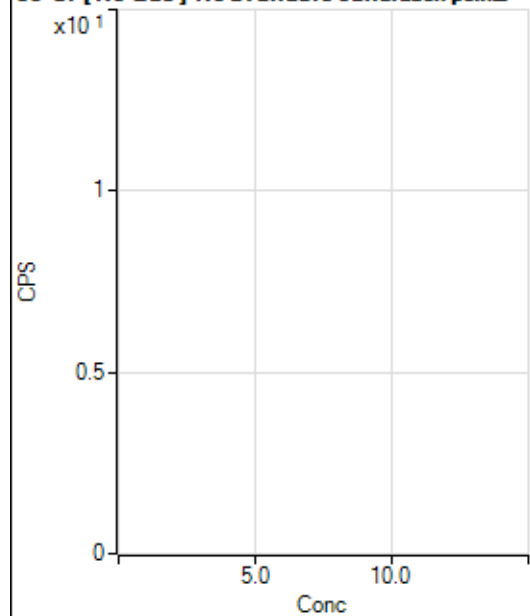
$$R = 0.9991$$

$$DL = 284.9$$

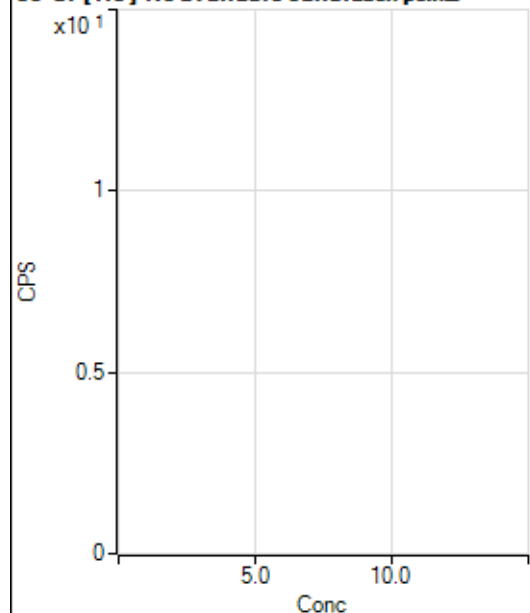
Weight: <None>

Min Conc: 0

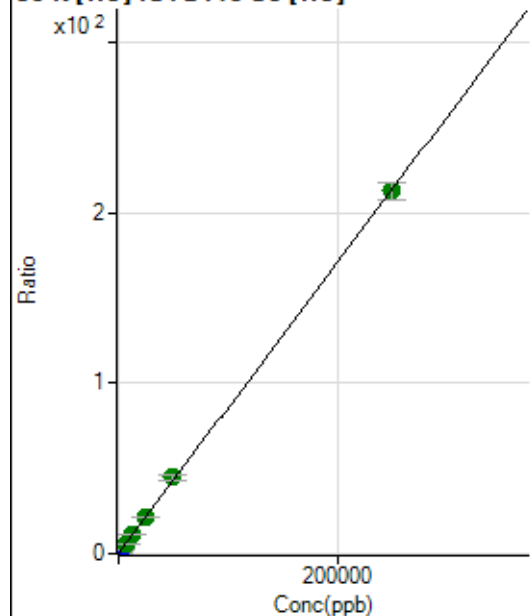
35 Cl [No Gas] No available calibration points



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

35 Cl [He] No available calibration points

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

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	64678.84	0.1516	P	1.4
2	☐	500.000	509.568	251322.99	0.5854	P	0.2
3	☐	2500.000	2788.840	1066250.78	2.5256	P	1.0
4	☐	6250.000	6416.340	2361277.62	5.6134	A	0.5
5	☐	12500.000	12584.643	4516640.52	10.8639	A	1.7
6	☐	25000.000	24850.531	8743639.94	21.3049	A	0.2
7	☐	50000.000	52145.466	17156751.83	44.5388	A	6.0
8	☐	250000.00	249574.55	77348360.52	212.5941	A	4.8

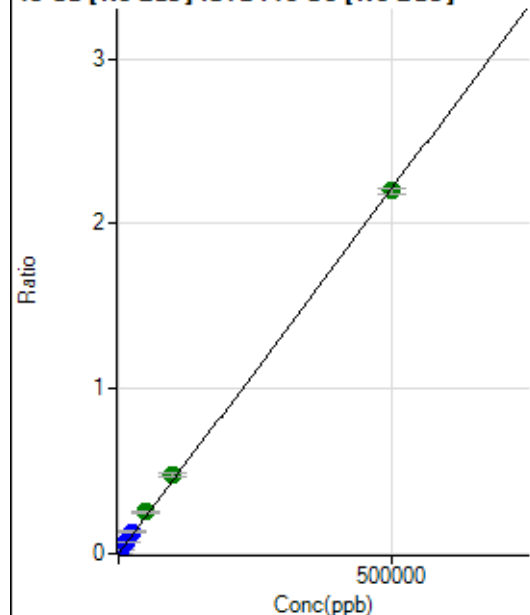
$$y = 8.5122\text{E-}004 * x + 0.1516$$

$$R = 1.0000$$

$$DL = 7.563$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	880.04	0.0002	P	2.0
2	☐	500.000	516.770	12796.60	0.0024	P	1.5
3	☐	5000.000	6296.649	146389.48	0.0280	P	1.7
4	☐	12500.000	15793.466	357114.35	0.0700	P	4.0
5	☐	25000.000	30138.448	699856.60	0.1334	P	1.4
6	☐	50000.000	57189.545	1306946.87	0.2530	A	2.0
7	☐	100000.00	107949.16	2560108.16	0.4774	A	4.1
8	☐	500000.00	497338.97	10406833.25	2.1989	A	1.3

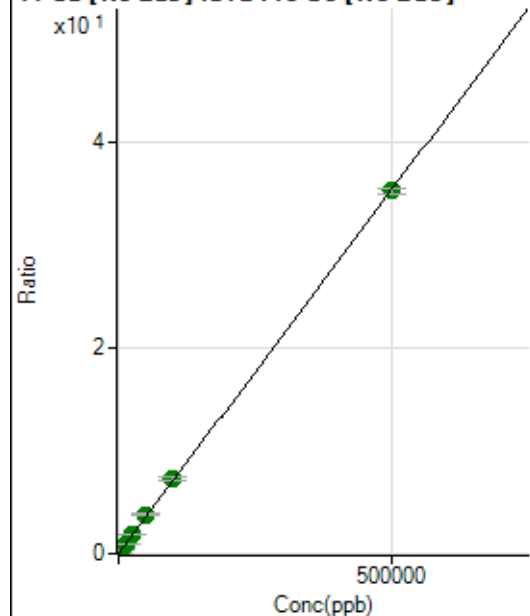
$$y = 4.4209\text{E-}006 * x + 1.6449\text{E-}004$$

$$R = 0.9998$$

$$DL = 2.198$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	16989.59	0.0032	P	1.0
2	☐	500.000	523.762	209946.10	0.0402	P	1.4
3	☐	5000.000	5593.415	2082839.02	0.3984	A	0.8
4	☐	12500.000	14218.873	5143098.85	1.0078	A	3.3
5	☐	25000.000	26923.210	9996091.03	1.9053	A	1.4
6	☐	50000.000	54027.005	19735196.51	3.8203	A	1.3
7	☐	100000.00	103003.60	39038713.03	7.2805	A	4.4
8	☐	500000.00	498851.48	166814690.8	35.2478	A	1.9

$$y = 7.0651\text{E-}005 * x + 0.0032$$

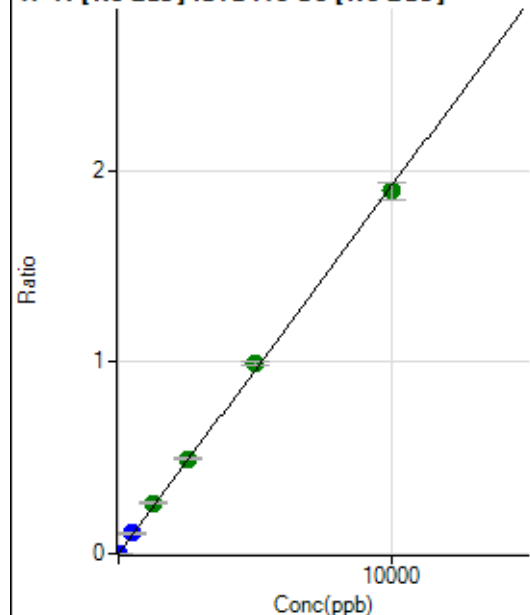
$$R = 1.0000$$

$$DL = 1.356$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	128.89	0.0000	P	9.0
2	☐	5.000	5.411	5546.63	0.0011	P	2.2
3	☐	500.000	550.206	551733.42	0.1055	P	1.1
4	☐	1250.000	1368.156	1338842.92	0.2624	A	4.2
5	☐	2500.000	2572.614	2588011.84	0.4933	A	2.2
6	☐	5000.000	5182.627	5133793.60	0.9938	A	1.7
7	☐	10000.000	9873.253	10151470.96	1.8933	A	4.6
8	☐			2662.48	0.0006	P	3.1

$$y = 1.9176E-004 * x + 2.4090E-005$$

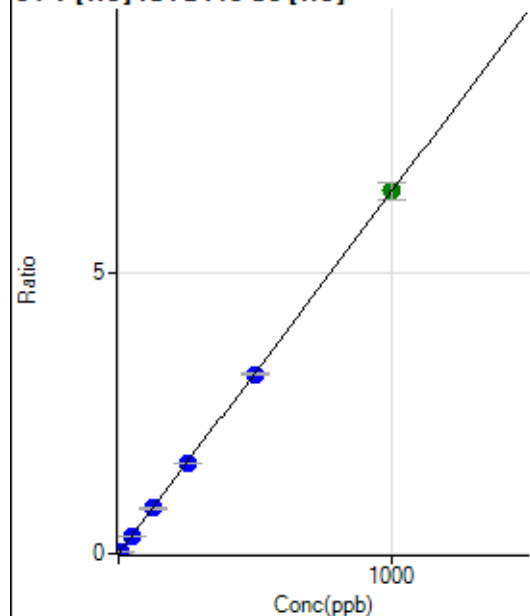
$$R = 0.9997$$

$$DL = 0.03408$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	6.67	0.0000	P	49.8
2	☐	5.000	4.631	12805.51	0.0298	P	1.2
3	☐	50.000	49.934	135735.55	0.3215	P	1.1
4	☐	125.000	124.954	338422.83	0.8045	P	0.5
5	☐	250.000	249.310	667382.39	1.6052	P	0.5
6	☐	500.000	496.387	1311626.81	3.1960	P	0.3
7	☐	1000.000	1001.990	2485916.88	6.4512	A	5.0
8	☐			848.92	0.0023	P	8.4

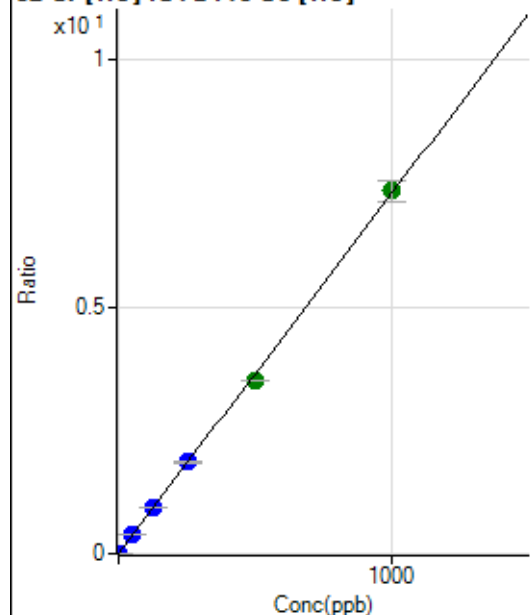
$$y = 0.0064 * x + 1.5612E-005$$

$$R = 1.0000$$

$$DL = 0.003626$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1544.54	0.0036	P	4.9
2	☐	2.000	2.016	7859.89	0.0183	P	0.3
3	☐	50.000	51.482	159895.79	0.3787	P	0.5
4	☐	125.000	128.994	396874.94	0.9435	P	1.2
5	☐	250.000	254.036	771062.72	1.8546	P	0.7
6	☐	500.000	480.339	1437812.95	3.5035	A	0.7
7	☐	1000.000	1008.248	2831683.15	7.3499	A	5.6
8	☐			8124.47	0.0223	P	5.7

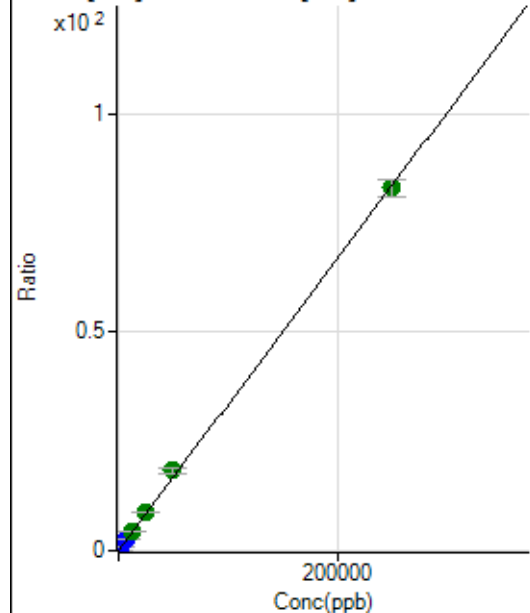
$$y = 0.0073 * x + 0.0036$$

$$R = 0.9997$$

$$DL = 0.07334$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1896.80	0.0044	P	0.7
2	☐	50.000	54.458	9707.65	0.0226	P	1.0
3	☐	2500.000	2912.964	412100.47	0.9761	P	1.1
4	☐	6250.000	7273.664	1022477.37	2.4307	P	0.4
5	☐	12500.000	13384.641	1858011.92	4.4691	A	1.4
6	☐	25000.000	26596.825	3642818.73	8.8763	A	0.4
7	☐	50000.000	54754.324	7038360.31	18.2687	A	5.6
8	☐	250000.00	248815.49	30202292.88	83.0010	A	4.4

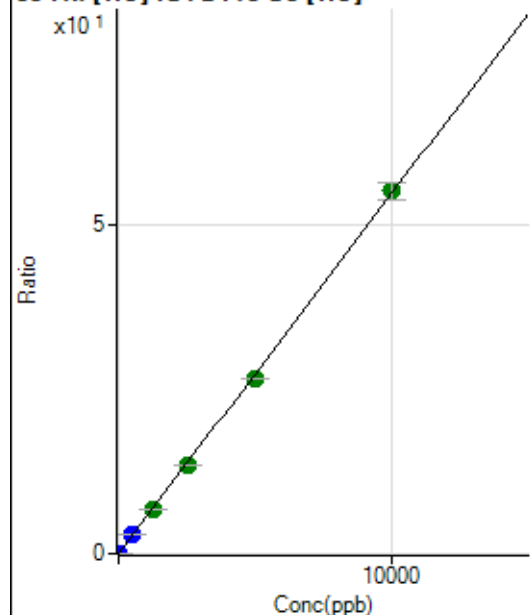
$$y = 3.3357E-004 * x + 0.0044$$

$$R = 0.9998$$

$$DL = 0.279$$

Weight: <None>

Min Conc: 0

⁵⁵Mn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	273.34	0.0006	P	12.3
2	☐	1.000	1.038	2714.71	0.0063	P	3.5
3	☐	500.000	520.740	1204129.33	2.8521	P	0.6
4	☐	1250.000	1236.230	2847829.82	6.7700	A	1.5
5	☐	2500.000	2455.967	5591649.15	13.4490	A	0.5
6	☐	5000.000	4860.875	10924202.90	26.6178	A	0.8
7	☐	10000.000	10081.255	21275643.71	55.2035	A	4.5
8	☐			12765.49	0.0351	P	4.5

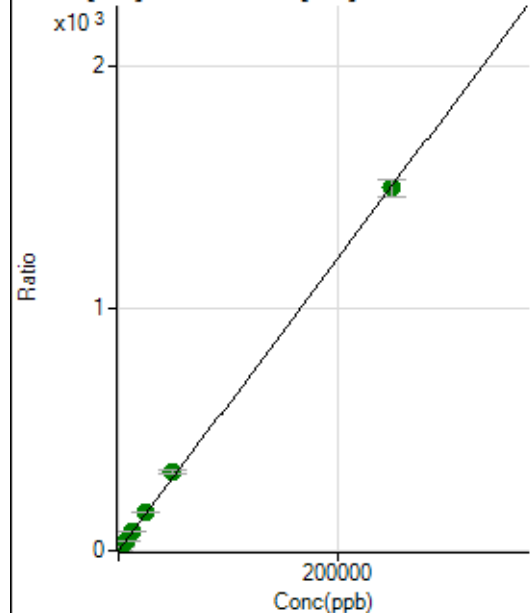
$$y = 0.0055 * x + 6.4065E-004$$

$$R = 0.9998$$

$$DL = 0.04326$$

Weight: <None>

Min Conc: 0

⁵⁶Fe [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	12798.86	0.0300	P	1.5
2	☐	50.000	55.032	155043.40	0.3611	P	0.4
3	☐	2500.000	2647.622	6738597.82	15.9608	A	0.8
4	☐	6250.000	6589.570	16691165.86	39.6797	A	1.0
5	☐	12500.000	13163.997	32943310.62	79.2382	A	1.2
6	☐	25000.000	25974.994	64155199.05	156.3225	A	0.4
7	☐	50000.000	53788.844	124717501.4	323.6794	A	5.2
8	☐	250000.00	249101.56	545322809.6	1,498.882	A	4.9

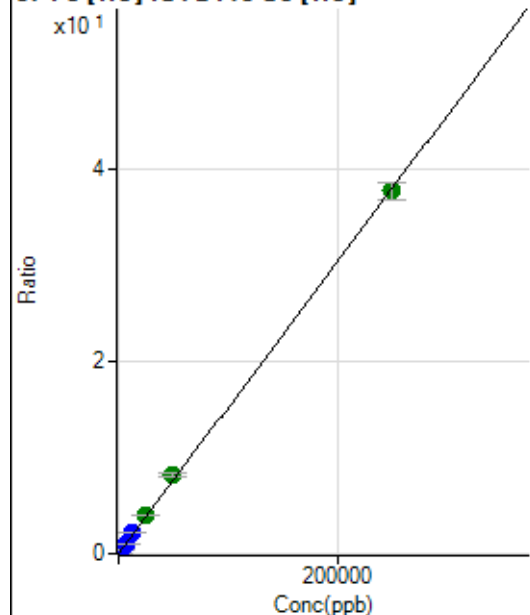
$$y = 0.0060 * x + 0.0300$$

$$R = 0.9999$$

$$DL = 0.2252$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	752.25	0.0018	P	4.7
2	☐	50.000	56.991	4456.26	0.0104	P	2.8
3	☐	2500.000	2878.492	184502.31	0.4370	P	0.3
4	☐	6250.000	7185.510	457773.48	1.0883	P	0.9
5	☐	12500.000	14212.516	894228.30	2.1508	P	0.3
6	☐	25000.000	26211.187	1627237.86	3.9650	A	0.8
7	☐	50000.000	54179.730	3157117.31	8.1940	A	5.4
8	☐	250000.00	248930.13	13694912.85	37.6413	A	4.9

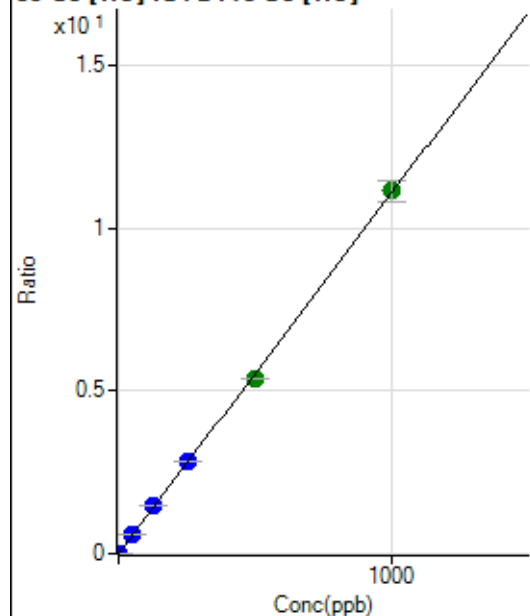
$$y = 1.5121E-004 * x + 0.0018$$

$$R = 0.9998$$

$$DL = 1.65$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	43.33	0.0001	P	50.2
2	☐	1.000	0.980	4706.33	0.0110	P	3.6
3	☐	50.000	51.690	242004.73	0.5732	P	0.7
4	☐	125.000	130.858	610360.30	1.4510	P	0.4
5	☐	250.000	256.171	1180954.96	2.8404	P	0.3
6	☐	500.000	484.253	2203569.21	5.3692	A	0.5
7	☐	1000.000	1005.514	4294418.06	11.1487	A	6.1
8	☐			12140.56	0.0334	P	3.8

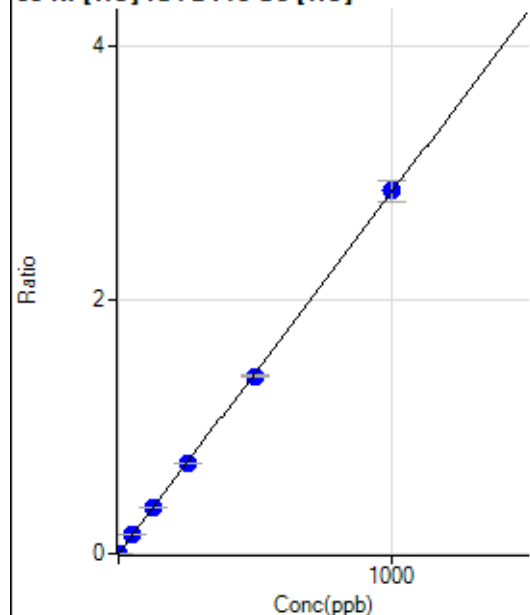
$$y = 0.0111 * x + 1.0146E-004$$

$$R = 0.9998$$

$$DL = 0.01379$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	328.90	0.0008	P	6.8
2	☐	1.000	1.029	1588.99	0.0037	P	2.8
3	☐	50.000	51.148	61795.51	0.1464	P	0.4
4	☐	125.000	127.964	153550.87	0.3650	P	0.4
5	☐	250.000	250.231	296475.99	0.7131	P	0.4
6	☐	500.000	491.716	574766.96	1.4005	P	0.4
7	☐	1000.000	1003.656	1100829.03	2.8578	P	6.0
8	☐			3677.15	0.0101	P	5.7

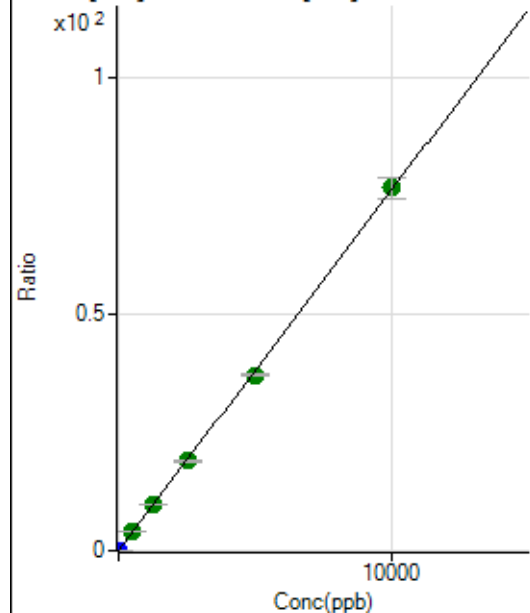
$$y = 0.0028 * x + 7.7097E-004$$

$$R = 0.9999$$

$$DL = 0.05527$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1018.94	0.0024	P	5.6
2	☐	2.000	1.974	7495.28	0.0175	P	2.1
3	☐	500.000	516.012	1664285.03	3.9420	A	0.6
4	☐	1250.000	1275.590	4097567.20	9.7411	A	0.8
5	☐	2500.000	2487.509	7897096.83	18.9936	A	1.1
6	☐	5000.000	4877.530	15283734.36	37.2406	A	1.3
7	☐	10000.000	10060.358	29590010.95	76.8096	A	5.8
8	☐			9477.52	0.0260	P	4.5

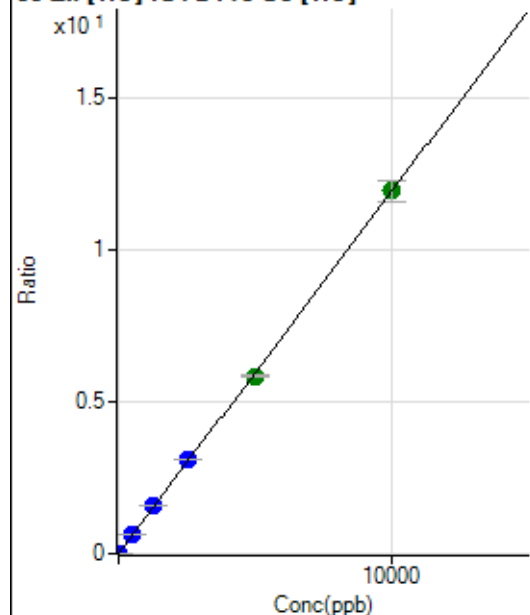
$$y = 0.0076 * x + 0.0024$$

$$R = 0.9999$$

$$DL = 0.05253$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	552.24	0.0013	P	8.8
2	☐	2.000	2.228	1697.89	0.0040	P	1.0
3	☐	500.000	529.009	267163.38	0.6328	P	1.3
4	☐	1250.000	1323.182	665008.49	1.5809	P	0.8
5	☐	2500.000	2592.484	1287280.74	3.0962	P	0.8
6	☐	5000.000	4895.223	2398839.70	5.8452	A	1.2
7	☐	10000.000	10018.669	4607638.33	11.9616	A	6.1
8	☐			4416.25	0.0121	P	6.0

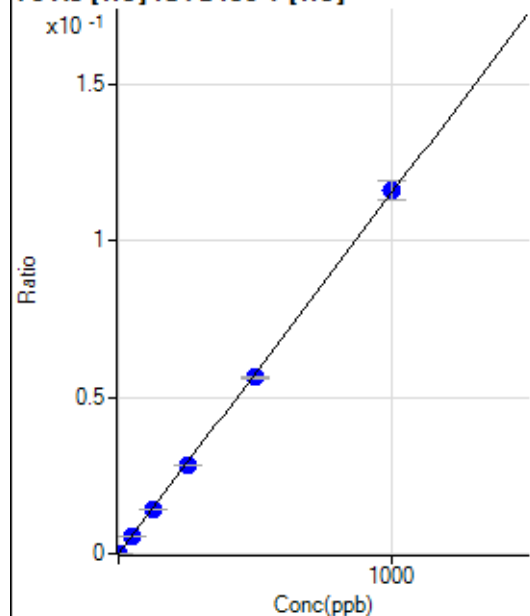
$$y = 0.0012 * x + 0.0013$$

$$R = 0.9999$$

$$DL = 0.285$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2.22	0.0000	P	86.6
2	☐	1.000	1.053	374.45	0.0001	P	4.2
3	☐	50.000	49.807	17274.57	0.0057	P	2.0
4	☐	125.000	124.467	43308.53	0.0143	P	1.2
5	☐	250.000	244.628	84908.54	0.0282	P	0.2
6	☐	500.000	489.321	167354.81	0.0563	P	1.4
7	☐	1000.000	1006.759	324915.41	0.1159	P	5.4
8	☐			151.12	0.0001	P	12.4

$$y = 1.1512E-004 * x + 7.3269E-007$$

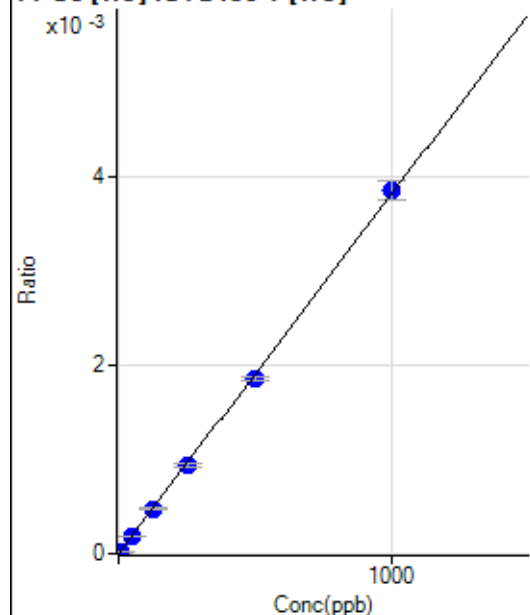
$$R = 0.9999$$

$$DL = 0.01654$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3.33	0.0000	P	99.7
2	☐	5.000	4.076	51.11	0.0000	P	50.5
3	☐	50.000	47.149	545.57	0.0002	P	1.9
4	☐	125.000	124.282	1436.75	0.0005	P	3.5
5	☐	250.000	246.292	2836.96	0.0009	P	2.6
6	☐	500.000	484.456	5496.63	0.0019	P	2.0
7	☐	1000.000	1008.936	10798.46	0.0039	P	5.2
8	☐			46.67	0.0000	P	14.8

$$y = 3.8165E-006 * x + 1.0857E-006$$

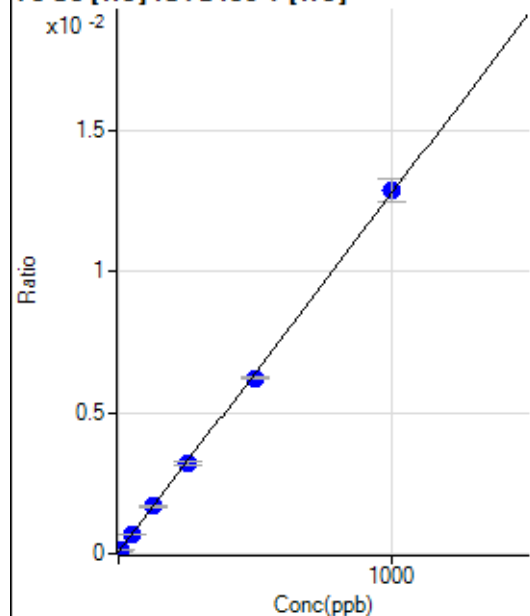
$$R = 0.9998$$

$$DL = 0.8512$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	187.78	0.0001	P	11.9
2	☐	5.000	4.944	382.23	0.0001	P	11.3
3	☐	50.000	49.695	2087.95	0.0007	P	4.5
4	☐	125.000	128.711	5128.72	0.0017	P	4.3
5	☐	250.000	247.759	9677.70	0.0032	P	3.0
6	☐	500.000	485.664	18517.24	0.0062	P	1.8
7	☐	1000.000	1007.280	36044.96	0.0129	P	6.2
8	☐			340.01	0.0001	P	8.4

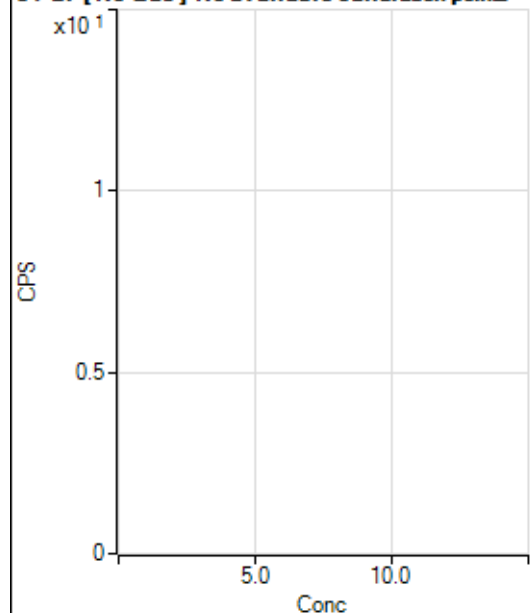
$$y = 1.2707E-005 * x + 6.1660E-005$$

$$R = 0.9998$$

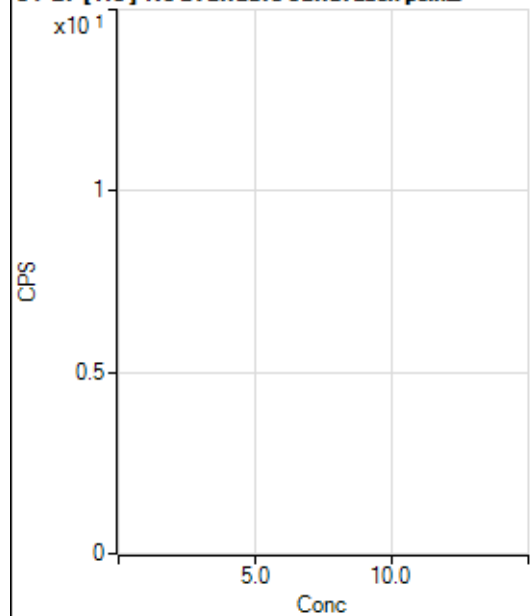
$$DL = 1.739$$

Weight: <None>

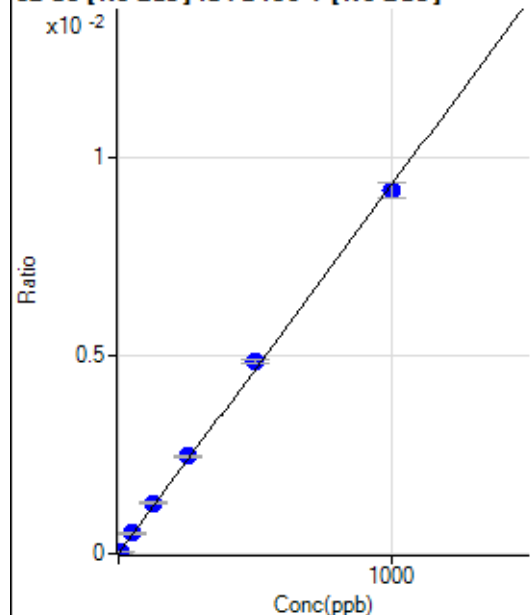
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			30860.21		P	0.2
2	☐			30985.98		P	1.1
3	☐			30359.16		P	1.9
4	☐			30176.56		P	2.4
5	☐			30600.69		P	2.5
6	☐			29698.96		P	1.1
7	☐			29471.76		P	0.5
8	☐			29475.09		P	2.0

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			90.00		P	16.1
2	☐			77.78		P	39.8
3	☐			76.67		P	11.5
4	☐			80.00		P	22.0
5	☐			81.11		P	2.4
6	☐			96.67		P	15.0
7	☐			112.22		P	9.1
8	☐			304.45		P	21.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	69.92	0.0000	P	31.4
2	☐	5.000	5.028	714.26	0.0001	P	2.8
3	☐	50.000	54.478	7046.15	0.0005	P	1.6
4	☐	125.000	136.396	17378.57	0.0013	P	4.1
5	☐	250.000	263.380	34309.25	0.0025	P	0.3
6	☐	500.000	521.080	67310.72	0.0048	P	1.4
7	☐	1000.000	984.466	130346.85	0.0092	P	4.2
8	☐			828.18	0.0001	P	2.6

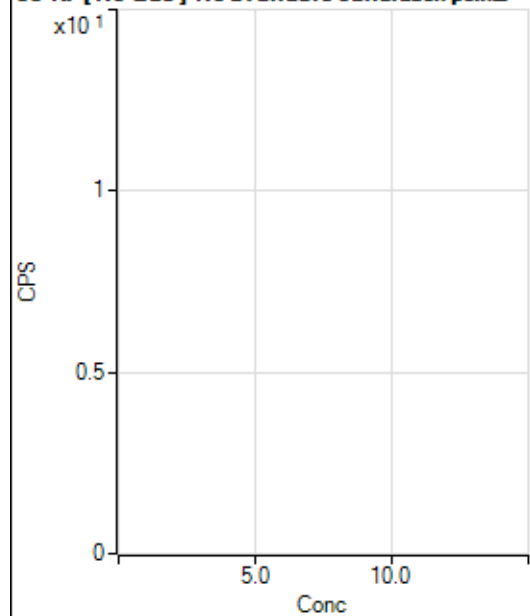
$$y = 9.2965E-006 * x + 4.9668E-006$$

$$R = 0.9995$$

$$DL = 0.5036$$

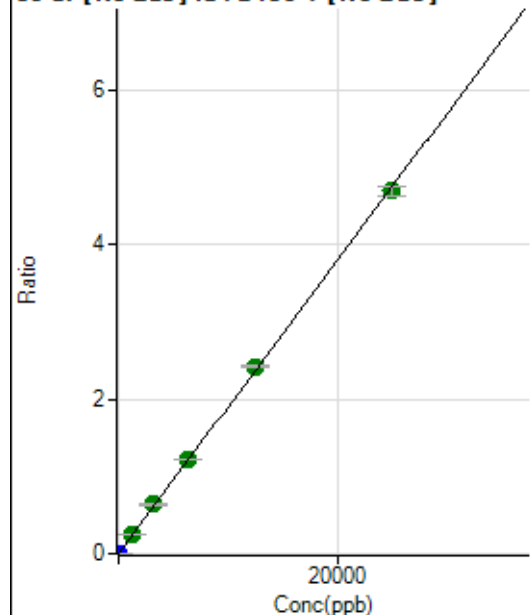
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			158.89		P	9.9
2	☐			135.56		P	26.3
3	☐			114.45		P	11.8
4	☐			140.00		P	15.6
5	☐			150.00		P	8.0
6	☐			150.00		P	5.9
7	☐			167.78		P	10.2
8	☐			175.56		P	5.8

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	301.12	0.0000	P	7.1
2	☐	1.000	1.065	3080.35	0.0002	P	0.4
3	☐	1250.000	1327.852	3463752.24	0.2514	A	0.7
4	☐	3125.000	3377.033	8729346.47	0.6393	A	3.2
5	☐	6250.000	6444.565	17059492.52	1.2199	A	0.3
6	☐	12500.000	12783.997	33591500.05	2.4199	A	1.0
7	☐	25000.000	24773.964	66779808.45	4.6896	A	2.8
8	☐			16530.50	0.0013	P	2.0

$$y = 1.8929E-004 * x + 2.1370E-005$$

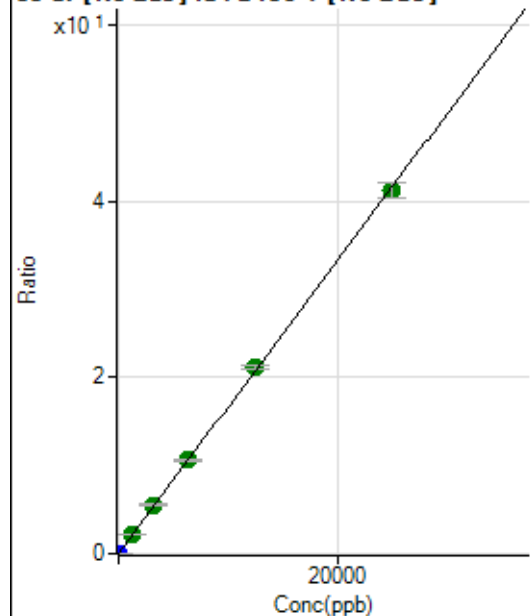
$$R = 0.9998$$

$$DL = 0.02404$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	326.67	0.0000	P	13.8
2	☐	1.000	1.033	24064.24	0.0017	P	0.7
3	☐	1250.000	1328.859	30451298.43	2.2101	A	1.5
4	☐	3125.000	3345.741	75970484.42	5.5646	A	3.9
5	☐	6250.000	6379.100	148358672.2	10.6096	A	1.1
6	☐	12500.000	12789.698	295259893.3	21.2715	A	1.8
7	☐	25000.000	24791.341	586930933.4	41.2324	A	4.2
8	☐			144503.91	0.0116	P	1.4

$$y = 0.0017 * x + 2.3194E-005$$

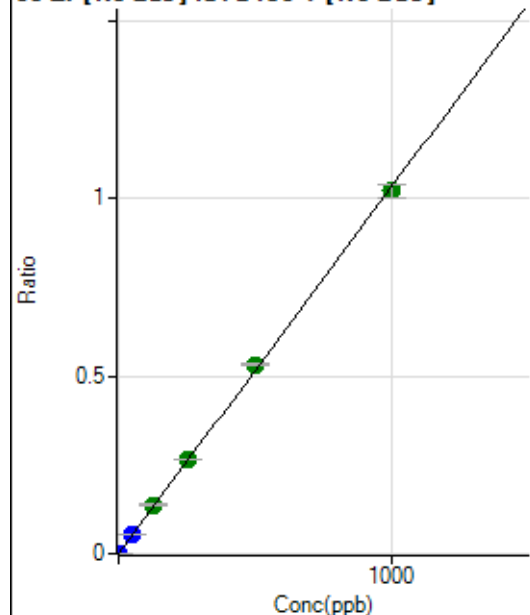
$$R = 0.9999$$

$$DL = 0.005758$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	508.90	0.0000	P	3.5
2	☐	1.000	0.918	13587.49	0.0010	P	0.6
3	☐	50.000	54.250	772055.19	0.0560	P	1.2
4	☐	125.000	133.080	1875753.65	0.1374	A	4.2
5	☐	250.000	257.732	3720479.25	0.2661	A	1.4
6	☐	500.000	514.993	7379797.74	0.5316	A	0.7
7	☐	1000.000	989.348	14537997.84	1.0213	A	3.9
8	☐			8074.52	0.0007	P	0.1

$$y = 0.0010 * x + 3.6095E-005$$

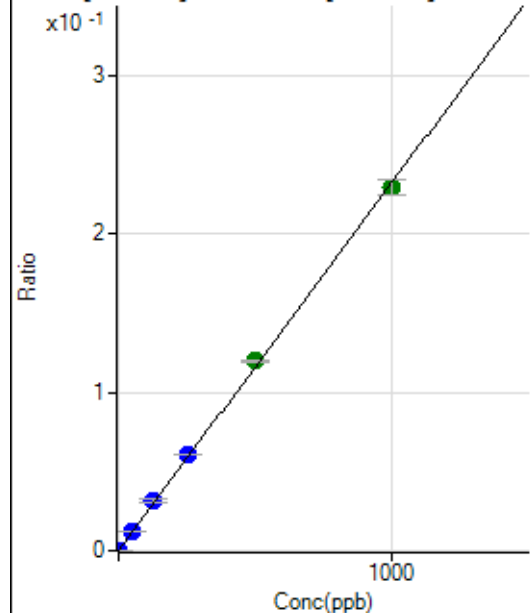
$$R = 0.9998$$

$$DL = 0.003697$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	110.00	0.0000	P	19.8
2	☐	1.000	0.908	3018.12	0.0002	P	0.7
3	☐	50.000	54.069	173034.79	0.0126	P	1.9
4	☐	125.000	135.836	430521.97	0.0315	P	4.5
5	☐	250.000	261.584	849196.91	0.0607	P	1.4
6	☐	500.000	516.997	1666019.54	0.1200	A	0.9
7	☐	1000.000	987.048	3261855.79	0.2291	A	4.1
8	☐			1832.36	0.0001	P	9.2

$$y = 2.3213E-004 * x + 7.8122E-006$$

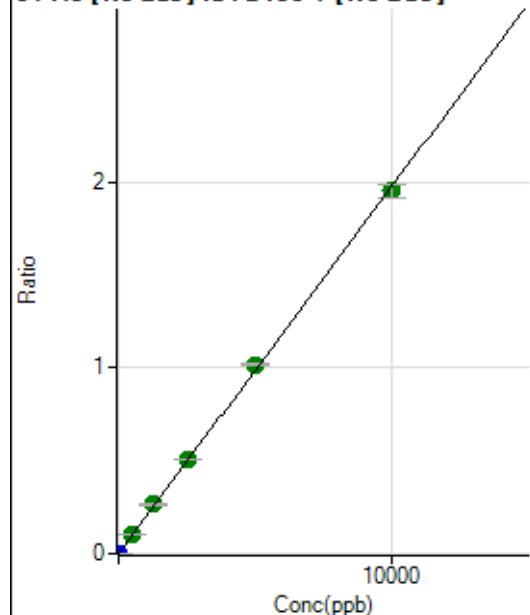
$$R = 0.9997$$

$$DL = 0.02004$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	195.56	0.0000	P	7.5
2	☐	5.000	5.940	16372.59	0.0012	P	1.3
3	☐	500.000	533.634	1450022.13	0.1052	A	1.6
4	☐	1250.000	1342.900	3614851.79	0.2648	A	4.4
5	☐	2500.000	2558.611	7055074.83	0.5045	A	1.1
6	☐	5000.000	5162.685	14131692.01	1.0180	A	1.3
7	☐	10000.000	9890.710	27764316.81	1.9503	A	4.0
8	☐			10631.74	0.0009	P	4.4

$$y = 1.9718E-004 * x + 1.3865E-005$$

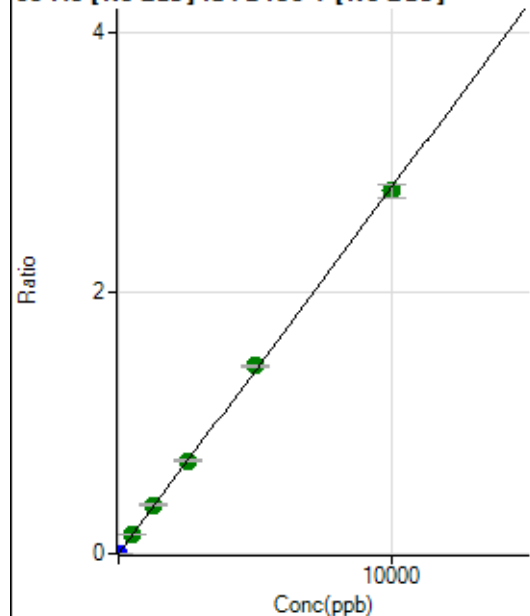
$$R = 0.9998$$

$$DL = 0.01587$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	81.11	0.0000	P	35.3
2	☐	5.000	5.118	19914.77	0.0014	P	2.0
3	☐	500.000	529.812	2047941.22	0.1486	A	2.1
4	☐	1250.000	1327.961	5086745.69	0.3726	A	3.8
5	☐	2500.000	2546.183	9989306.03	0.7144	A	0.4
6	☐	5000.000	5135.516	19999929.98	1.4408	A	1.0
7	☐	10000.000	9909.461	39575808.30	2.7802	A	4.1
8	☐			12079.51	0.0010	P	2.2

$$y = 2.8056E-004 * x + 5.7645E-006$$

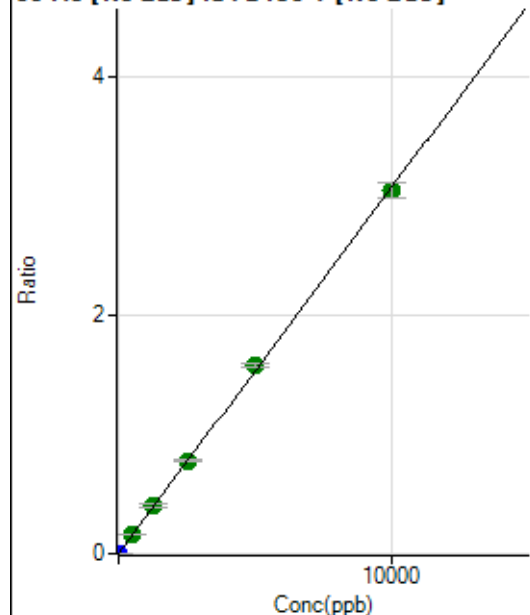
$$R = 0.9998$$

$$DL = 0.02178$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	114.45	0.0000	P	16.7
2	☐	5.000	5.192	22127.91	0.0016	P	1.0
3	☐	500.000	530.178	2241958.58	0.1627	A	2.5
4	☐	1250.000	1317.364	5518162.83	0.4044	A	5.4
5	☐	2500.000	2540.433	10904433.87	0.7798	A	0.9
6	☐	5000.000	5138.566	21892962.18	1.5772	A	1.6
7	☐	10000.000	9910.679	43300291.85	3.0420	A	4.2
8	☐			24818.98	0.0020	P	2.4

$$y = 3.0694\text{E-}004 * x + 8.1250\text{E-}006$$

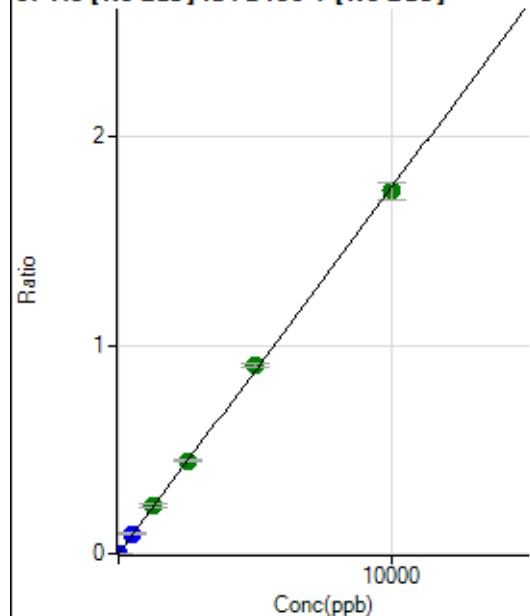
$$R = 0.9998$$

$$DL = 0.01325$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	23.33	0.0000	P	51.8
2	☐	5.000	5.139	12500.98	0.0009	P	0.6
3	☐	500.000	547.942	1326862.59	0.0963	P	2.1
4	☐	1250.000	1316.341	3157559.29	0.2314	A	5.2
5	☐	2500.000	2541.210	6245931.09	0.4467	A	0.9
6	☐	5000.000	5140.234	12540764.68	0.9035	A	1.4
7	☐	10000.000	9908.891	24787962.41	1.7416	A	4.7
8	☐			7787.71	0.0006	P	5.5

$$y = 1.7576\text{E-}004 * x + 1.6554\text{E-}006$$

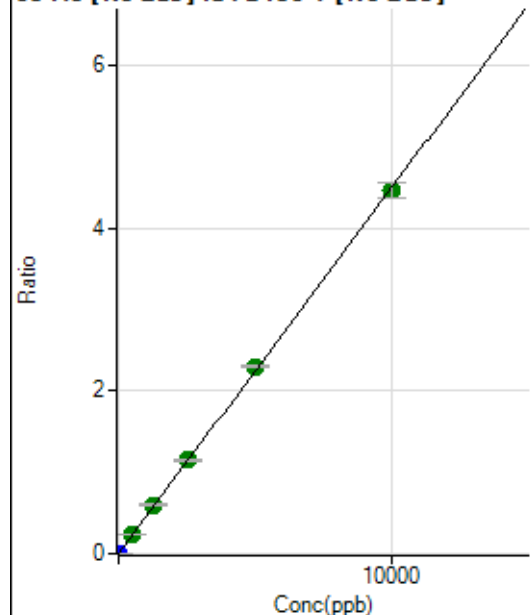
$$R = 0.9998$$

$$DL = 0.01463$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	60.00	0.0000	P	5.9
2	☐	5.000	5.158	32074.10	0.0023	P	1.1
3	☐	500.000	530.425	3283858.25	0.2383	A	1.3
4	☐	1250.000	1325.704	8128316.55	0.5957	A	5.6
5	☐	2500.000	2554.522	16051591.57	1.1478	A	1.3
6	☐	5000.000	5110.746	31876557.58	2.2964	A	1.0
7	☐	10000.000	9920.013	63449286.83	4.4573	A	4.1
8	☐			18878.96	0.0015	P	2.6

$$y = 4.4932E-004 * x + 4.2568E-006$$

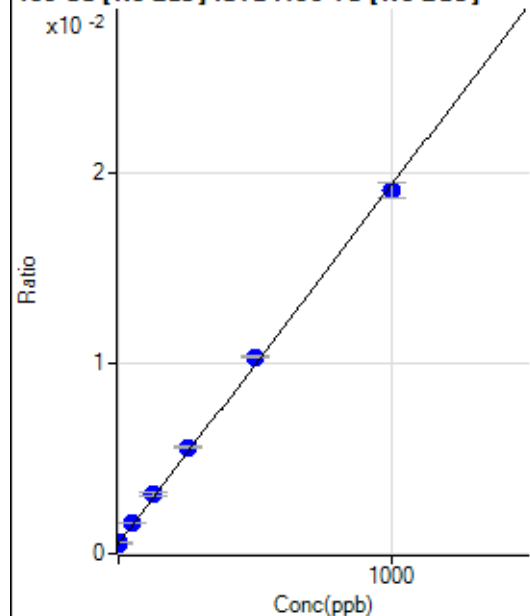
$$R = 0.9999$$

$$DL = 0.00169$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	6362.56	0.0005	P	3.4
2	☐	1.000	1.861	6601.56	0.0006	P	1.1
3	☐	50.000	57.346	19011.45	0.0016	P	4.1
4	☐	125.000	137.918	36496.93	0.0031	P	4.1
5	☐	250.000	268.068	67187.74	0.0056	P	1.8
6	☐	500.000	519.577	124857.72	0.0103	P	1.1
7	☐	1000.000	983.712	235884.20	0.0190	P	4.4
8	☐			5826.77	0.0005	P	0.8

$$y = 1.8804E-005 * x + 5.2393E-004$$

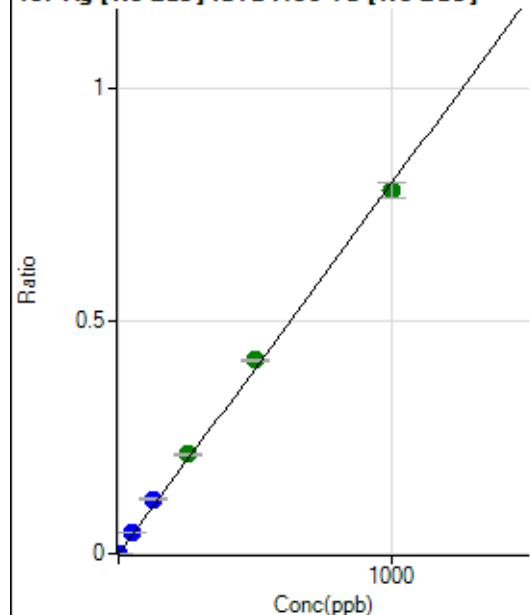
$$R = 0.9995$$

$$DL = 2.827$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	70.32	0.0000	P	21.4
2	☐	1.000	1.070	10110.97	0.0009	P	1.8
3	☐	50.000	58.348	550658.02	0.0464	P	2.1
4	☐	125.000	146.687	1365750.44	0.1166	P	3.2
5	☐	250.000	268.861	2581005.80	0.2138	A	1.3
6	☐	500.000	523.969	5052828.19	0.4166	A	1.3
7	☐	1000.000	980.172	9664547.46	0.7793	A	4.3
8	☐			3092.61	0.0003	P	6.2

$$y = 7.9508\text{E-}004 * x + 5.7857\text{E-}006$$

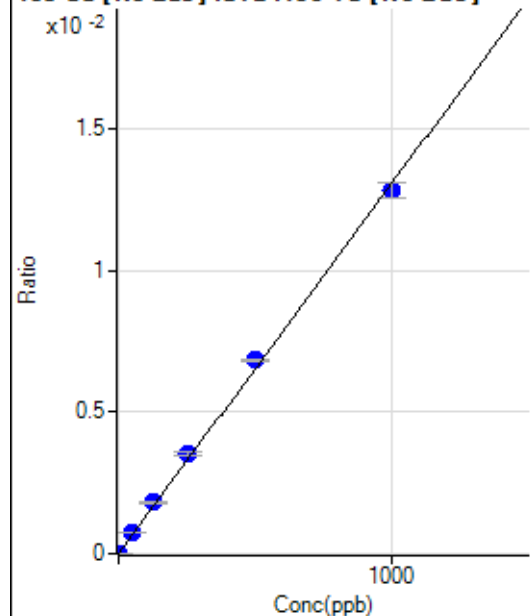
$$R = 0.9992$$

$$DL = 0.004666$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6.67	0.0000	P	50.7
2	☐	1.000	1.137	182.23	0.0000	P	7.2
3	☐	50.000	55.094	8561.48	0.0007	P	1.8
4	☐	125.000	138.915	21275.67	0.0018	P	5.3
5	☐	250.000	270.064	42663.68	0.0035	P	2.4
6	☐	500.000	524.167	83176.54	0.0069	P	0.7
7	☐	1000.000	980.906	159151.36	0.0128	P	4.1
8	☐			88.89	0.0000	P	1.1

$$y = 1.3082\text{E-}005 * x + 5.4943\text{E-}007$$

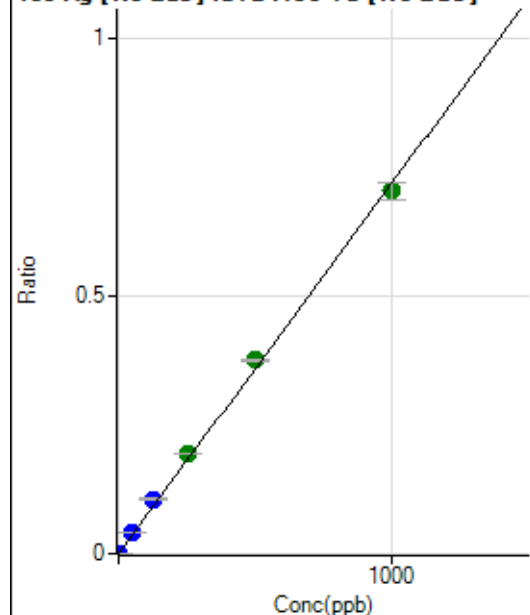
$$R = 0.9993$$

$$DL = 0.06386$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	27.78	0.0000	P	37.0
2	☐	1.000	1.110	9452.06	0.0008	P	3.0
3	☐	50.000	58.367	498320.85	0.0420	P	1.8
4	☐	125.000	145.831	1228158.77	0.1049	P	3.7
5	☐	250.000	270.348	2348026.56	0.1945	A	0.8
6	☐	500.000	522.806	4561141.11	0.3761	A	0.7
7	☐	1000.000	980.488	8745647.58	0.7053	A	4.5
8	☐			2742.51	0.0003	P	3.7

$$y = 7.1930E-004 * x + 2.2874E-006$$

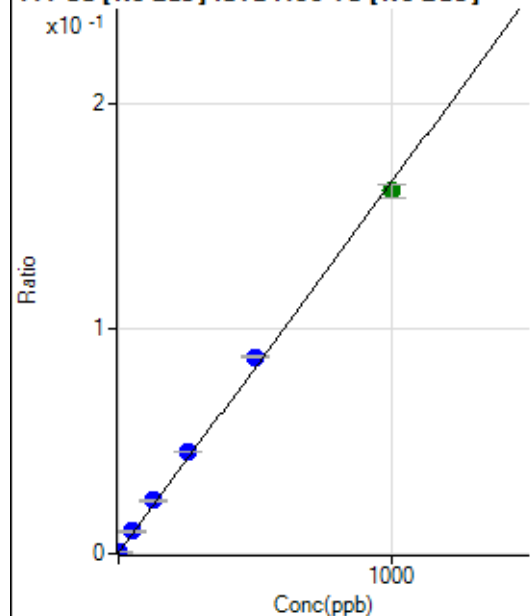
$$R = 0.9993$$

$$DL = 0.003526$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4454.68	0.0004	P	3.3
2	☐	1.000	1.174	6620.38	0.0006	P	2.6
3	☐	50.000	57.896	117701.52	0.0099	P	1.7
4	☐	125.000	142.473	279419.65	0.0239	P	4.0
5	☐	250.000	273.368	548842.44	0.0455	P	1.4
6	☐	500.000	529.619	1064034.54	0.0877	P	0.3
7	☐	1000.000	976.770	2002876.11	0.1615	A	3.7
8	☐			5081.01	0.0005	P	1.4

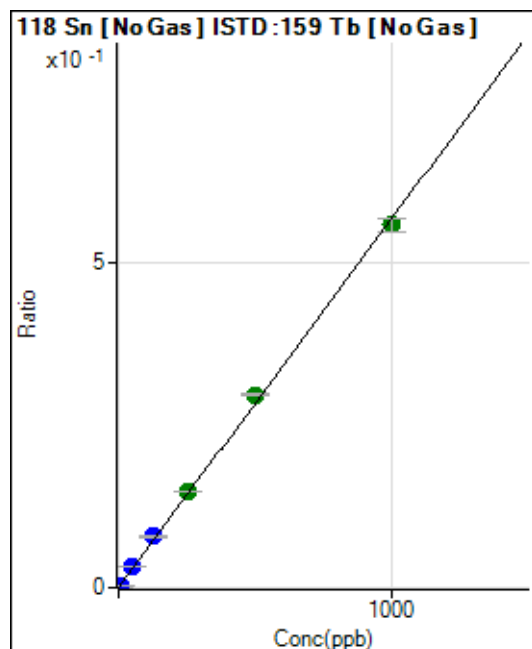
$$y = 1.6495E-004 * x + 3.6682E-004$$

$$R = 0.9990$$

$$DL = 0.2222$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1954.65	0.0002	P	8.8
2	☐	5.000	5.094	36100.67	0.0031	P	0.6
3	☐	50.000	55.368	375506.83	0.0316	P	1.4
4	☐	125.000	139.125	927842.12	0.0792	P	3.7
5	☐	250.000	260.708	1791251.92	0.1484	A	1.4
6	☐	500.000	522.951	3607597.65	0.2974	A	0.4
7	☐	1000.000	983.813	6938501.56	0.5594	A	3.7
8	☐			5774.58	0.0005	P	2.0

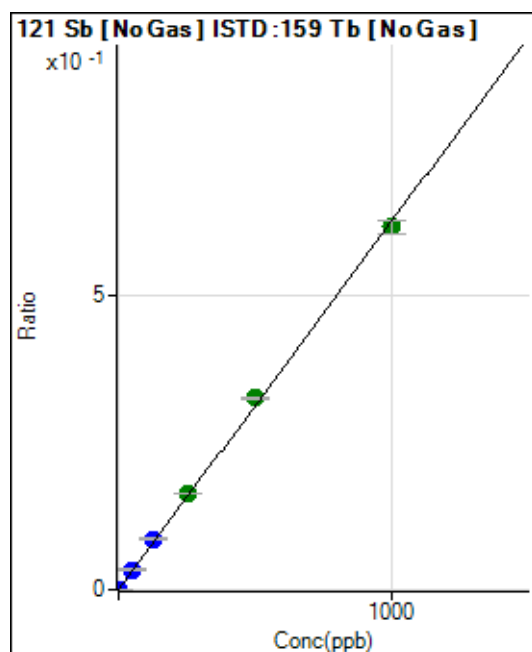
$$y = 5.6845E-004 * x + 1.6083E-004$$

$$R = 0.9995$$

$$DL = 0.07437$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	37.78	0.0000	P	38.5
2	☐	2.000	2.016	14915.59	0.0013	P	2.3
3	☐	50.000	54.756	406174.06	0.0342	P	2.0
4	☐	125.000	137.950	1009540.00	0.0862	P	3.3
5	☐	250.000	260.497	1965666.08	0.1628	A	1.4
6	☐	500.000	520.026	3941905.91	0.3250	A	0.4
7	☐	1000.000	985.506	7639213.43	0.6159	A	3.8
8	☐			5237.68	0.0005	P	3.0

$$y = 6.2496E-004 * x + 3.1011E-006$$

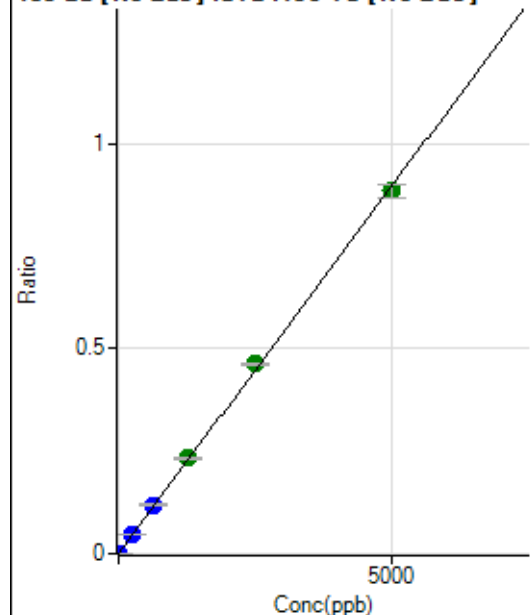
$$R = 0.9996$$

$$DL = 0.005736$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	24.44	0.0000	P	35.0
2	☐	10.000	9.733	20631.66	0.0017	P	0.5
3	☐	250.000	264.551	562951.14	0.0474	P	1.8
4	☐	625.000	665.538	1397025.22	0.1193	P	3.7
5	☐	1250.000	1301.481	2817286.84	0.2333	A	1.4
6	☐	2500.000	2583.393	5617647.34	0.4632	A	0.6
7	☐	5000.000	4939.639	10983234.56	0.8856	A	4.0
8	☐			6858.39	0.0006	P	4.5

$$y = 1.7928\text{E-}004 * x + 2.0146\text{E-}006$$

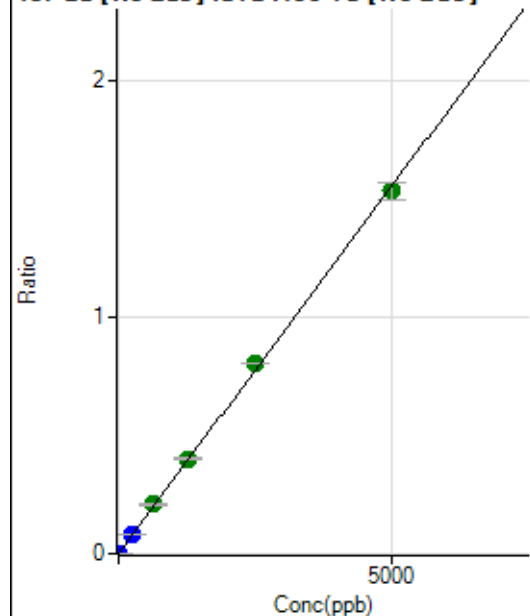
$$R = 0.9997$$

$$DL = 0.01181$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	32.22	0.0000	P	22.7
2	☐	10.000	9.724	35660.24	0.0030	P	0.9
3	☐	250.000	265.951	979327.23	0.0825	P	2.4
4	☐	625.000	674.297	2449511.42	0.2092	A	3.8
5	☐	1250.000	1292.454	4841838.12	0.4010	A	1.1
6	☐	2500.000	2585.677	9730721.31	0.8023	A	0.5
7	☐	5000.000	4939.589	19005104.58	1.5326	A	4.5
8	☐			11940.66	0.0011	P	1.5

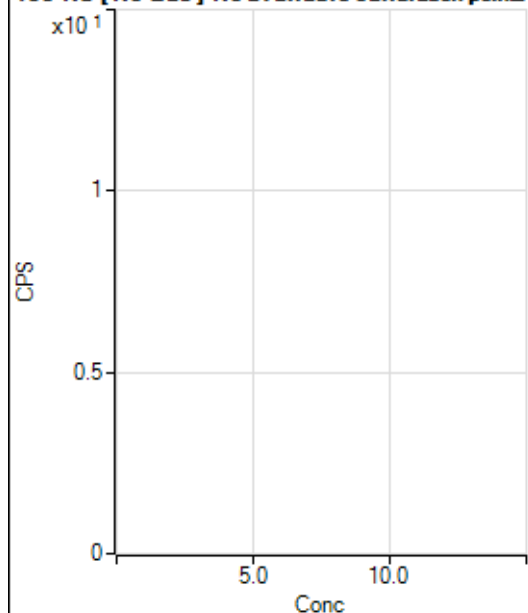
$$y = 3.1027\text{E-}004 * x + 2.6577\text{E-}006$$

$$R = 0.9997$$

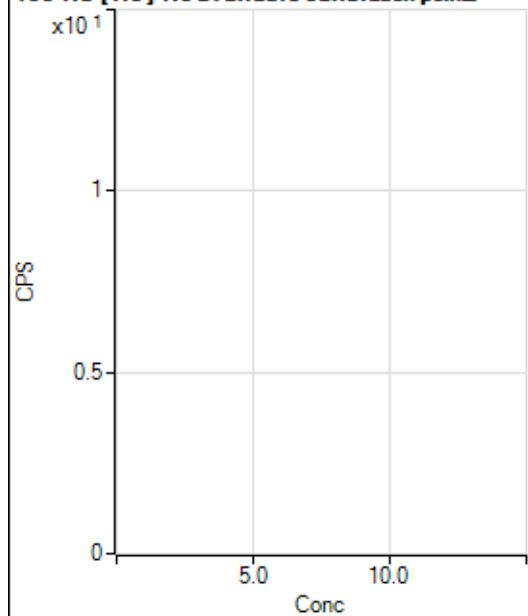
$$DL = 0.005839$$

Weight: <None>

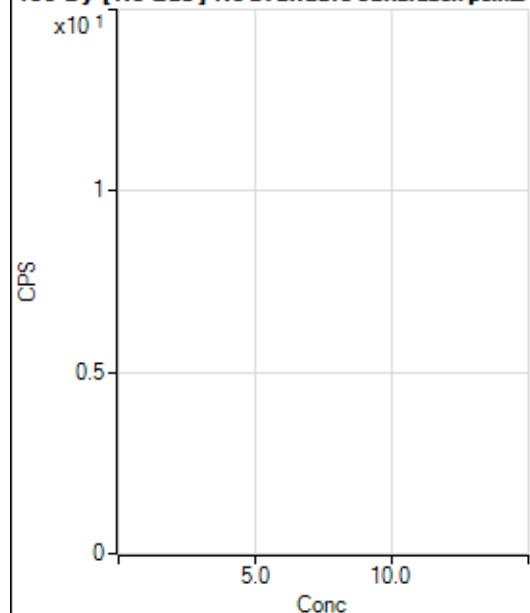
Min Conc: 0

150 Nd [No Gas] No available calibration points

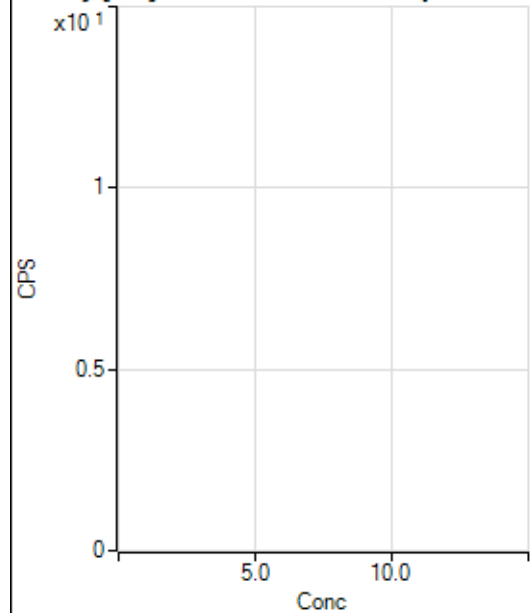
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	21.6
2	☐			20.00		P	57.7
3	☐			82.22		P	8.4
4	☐			213.34		P	15.4
5	☐			405.57		P	8.1
6	☐			851.15		P	2.2
7	☐			1542.32		P	8.1
8	☐			344.45		P	4.0

150 Nd [He] No available calibration points

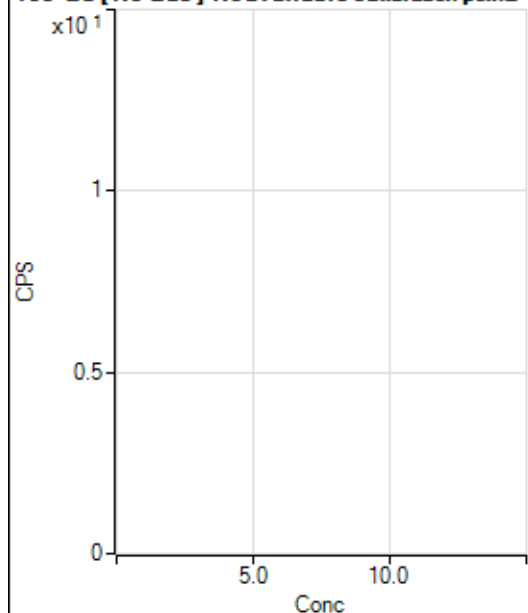
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.
2	☐			1.11		P	173.
3	☐			21.11		P	48.2
4	☐			54.45		P	19.7
5	☐			86.67		P	20.3
6	☐			202.23		P	9.9
7	☐			345.56		P	15.0
8	☐			186.67		P	15.9

156 Dy [No Gas] No available calibration points

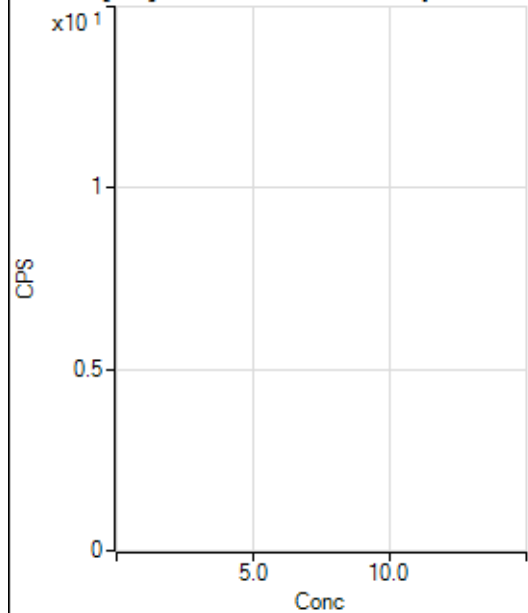
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.33		P	50.0
2	☐			7.78		P	49.5
3	☐			50.00		P	24.0
4	☐			113.33		P	5.9
5	☐			198.89		P	14.3
6	☐			355.56		P	7.8
7	☐			744.47		P	6.4
8	☐			1787.91		P	6.0

156 Dy [He] No available calibration points

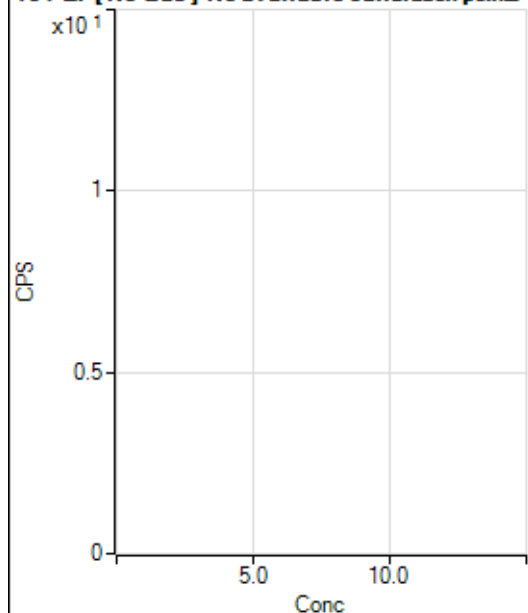
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	114.
2	☐			7.78		P	65.5
3	☐			45.56		P	47.6
4	☐			118.89		P	18.7
5	☐			217.78		P	9.7
6	☐			375.56		P	12.3
7	☐			793.37		P	14.8
8	☐			1150.06		P	10.9

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

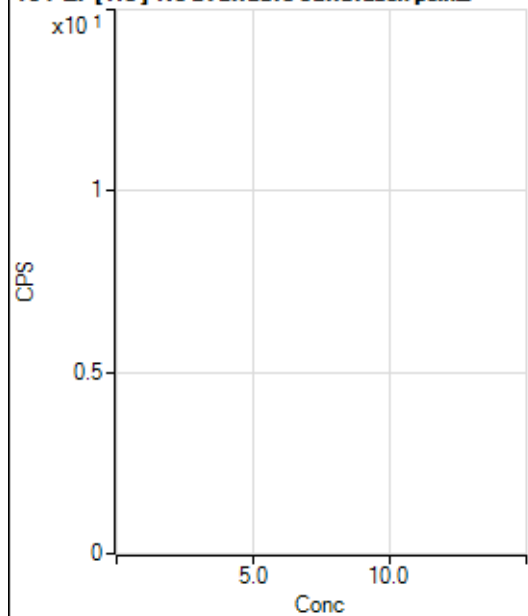
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			66.67		P	18.0
2	☐			56.67		P	5.9
3	☐			90.00		P	11.1
4	☐			125.56		P	9.3
5	☐			160.00		P	12.7
6	☐			343.34		P	3.4
7	☐			657.80		P	10.0
8	☐			1826.81		P	1.4

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			413.34		P	6.6
2	☐			411.12		P	8.1
3	☐			446.68		P	14.2
4	☐			486.68		P	7.6
5	☐			492.24		P	10.6
6	☐			610.02		P	9.9
7	☐			746.70		P	3.1
8	☐			1582.33		P	5.4

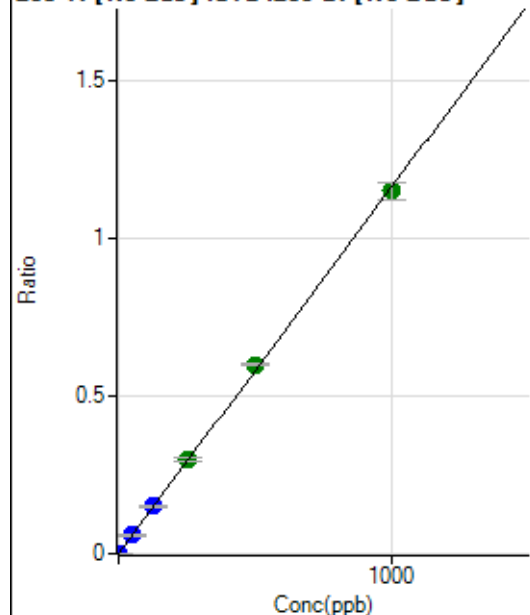
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			86.67		P	15.4
2	☐			88.89		P	15.2
3	☐			88.89		P	7.8
4	☐			123.33		P	12.4
5	☐			144.45		P	4.8
6	☐			206.67		P	18.3
7	☐			345.57		P	9.7
8	☐			297.79		P	10.2

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			56.67		P	11.8
2	☐			52.22		P	25.8
3	☐			76.67		P	15.7
4	☐			81.11		P	20.7
5	☐			104.45		P	3.7
6	☐			120.00		P	16.9
7	☐			177.78		P	10.3
8	☐			187.78		P	18.0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	93.33	0.0000	P	3.5
2	☐	1.000	0.927	7227.54	0.0011	P	1.6
3	☐	50.000	49.858	388120.39	0.0580	P	2.4
4	☐	125.000	129.004	968387.13	0.1500	P	4.0
5	☐	250.000	258.085	1984527.37	0.3001	A	2.9
6	☐	500.000	514.666	3930681.30	0.5985	A	1.0
7	☐	1000.000	990.152	7610091.55	1.1514	A	4.6
8	☐			2056.84	0.0004	P	7.6

$$y = 0.0012 * x + 1.3767E-005$$

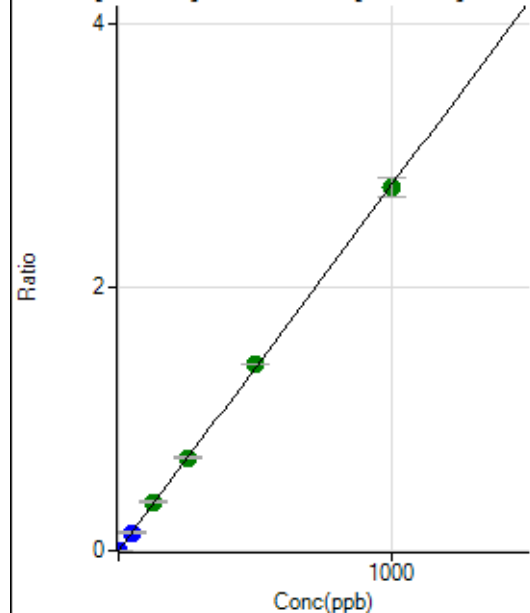
$$R = 0.9998$$

$$DL = 0.001259$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	225.56	0.0000	P	5.2
2	☐	1.000	0.915	17011.86	0.0026	P	1.7
3	☐	50.000	49.625	921250.33	0.1376	P	2.2
4	☐	125.000	132.954	2379811.27	0.3687	A	4.4
5	☐	250.000	255.040	4677169.93	0.7073	A	2.0
6	☐	500.000	510.333	9293954.45	1.4152	A	0.7
7	☐	1000.000	992.598	18188562.37	2.7525	A	5.2
8	☐			4780.89	0.0009	P	6.9

$$y = 0.0028 * x + 3.3271E-005$$

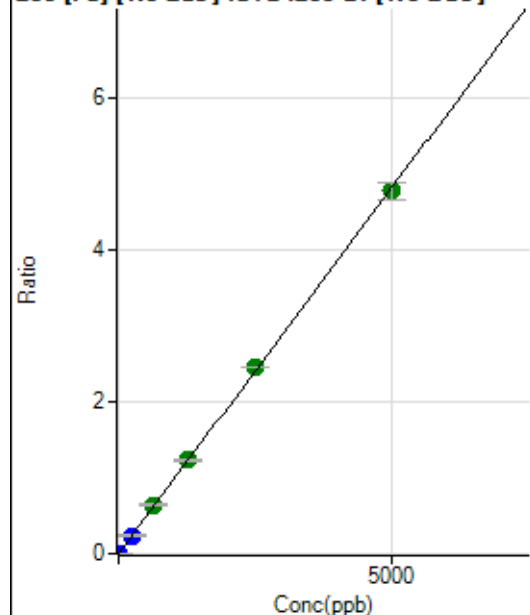
$$R = 0.9999$$

$$DL = 0.001882$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	250.01	0.0000	P	10.9
2	☐	1.000	0.894	5942.48	0.0009	P	2.5
3	☐	250.000	249.441	1606605.25	0.2400	P	2.2
4	☐	625.000	662.903	4116873.62	0.6379	A	4.4
5	☐	1250.000	1278.176	8132136.27	1.2299	A	2.9
6	☐	2500.000	2551.086	16120994.90	2.4546	A	1.0
7	☐	5000.000	4962.703	31556085.92	4.7750	A	4.9
8	☐			16144.13	0.0031	P	2.8

$$y = 9.6217\text{E-}004 * x + 3.6884\text{E-}005$$

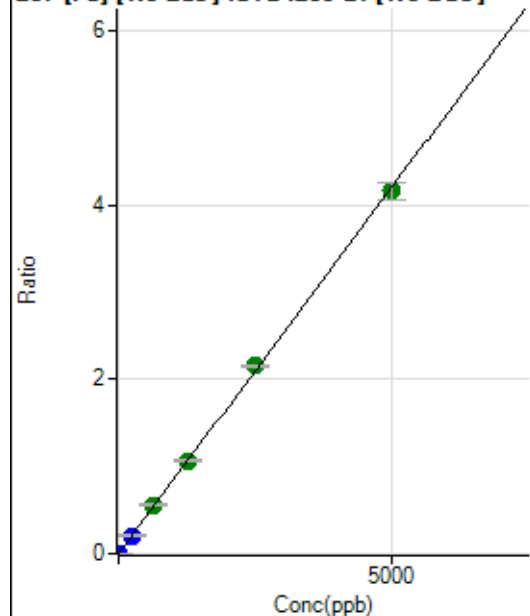
$$R = 0.9999$$

$$DL = 0.0125$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	211.12	0.0000	P	10.9
2	☐	1.000	0.888	5146.58	0.0008	P	1.6
3	☐	250.000	247.512	1391829.65	0.2080	P	2.5
4	☐	625.000	666.945	3616386.23	0.5603	A	4.3
5	☐	1250.000	1271.889	7065463.16	1.0685	A	2.5
6	☐	2500.000	2566.613	14160694.51	2.1561	A	0.9
7	☐	5000.000	4956.103	27512790.70	4.1635	A	5.1
8	☐			13674.73	0.0026	P	1.8

$$y = 8.4006\text{E-}004 * x + 3.1143\text{E-}005$$

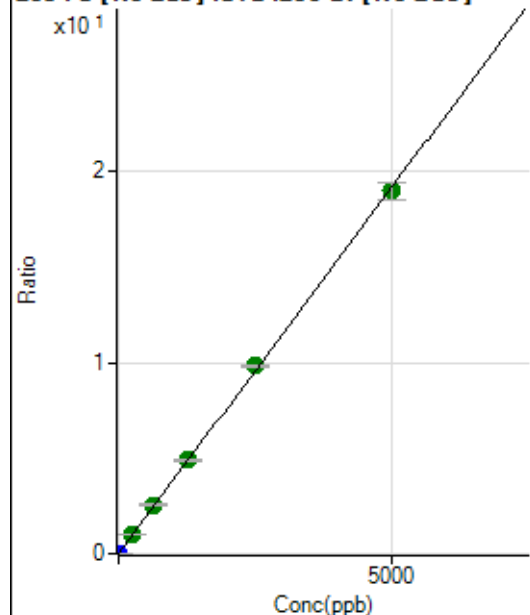
$$R = 0.9998$$

$$DL = 0.01212$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	945.58	0.0001	P	4.7
2	☐	1.000	0.896	23632.71	0.0036	P	1.6
3	☐	250.000	254.291	6518913.77	0.9740	A	2.4
4	☐	625.000	661.755	16358815.28	2.5346	A	4.3
5	☐	1250.000	1274.873	32287273.06	4.8828	A	2.5
6	☐	2500.000	2564.617	64508352.79	9.8223	A	0.6
7	☐	5000.000	4956.665	125447035.6	18.9836	A	5.1
8	☐			62632.92	0.0120	P	0.7

$$y = 0.0038 * x + 1.3949E-004$$

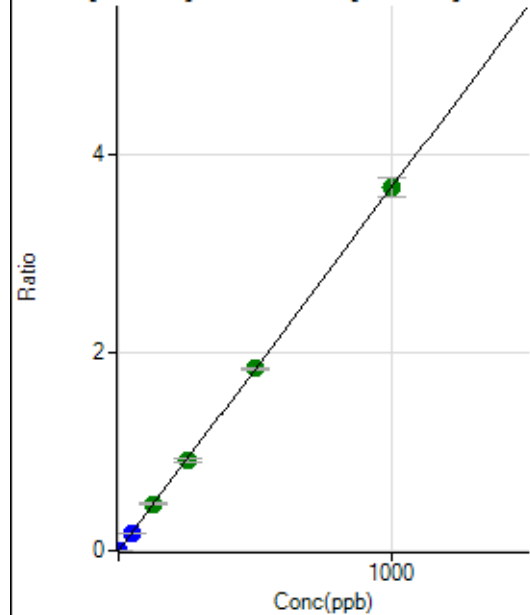
$$R = 0.9998$$

$$DL = 0.005133$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	7.78	0.0000	P	89.1
2	☐	1.000	0.872	21180.26	0.0032	P	1.0
3	☐	50.000	46.841	1149594.85	0.1718	P	2.3
4	☐	125.000	128.954	3052785.30	0.4729	A	3.4
5	☐	250.000	249.081	6040268.38	0.9134	A	2.6
6	☐	500.000	502.270	12095524.13	1.8418	A	0.8
7	☐	1000.000	998.759	24201074.36	3.6624	A	5.2
8	☐			5226.63	0.0010	P	1.7

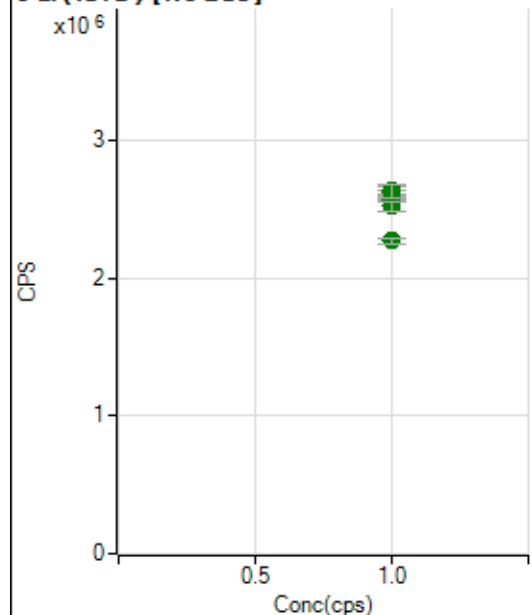
$$y = 0.0037 * x + 1.1459E-006$$

$$R = 1.0000$$

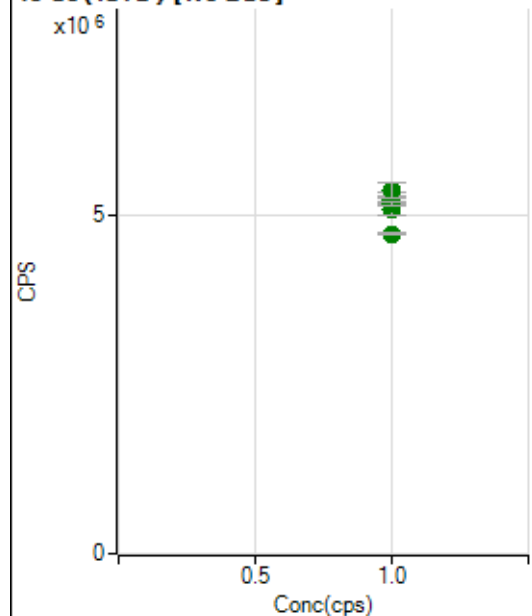
$$DL = 0.0008354$$

Weight: <None>

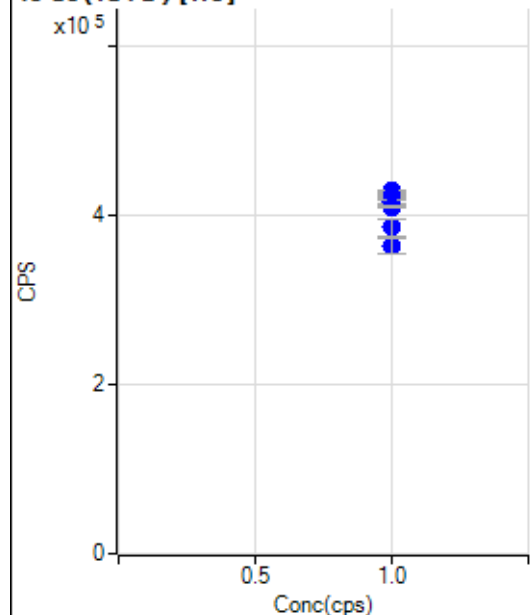
Min Conc: 0

6 Li (ISTD) [No Gas]

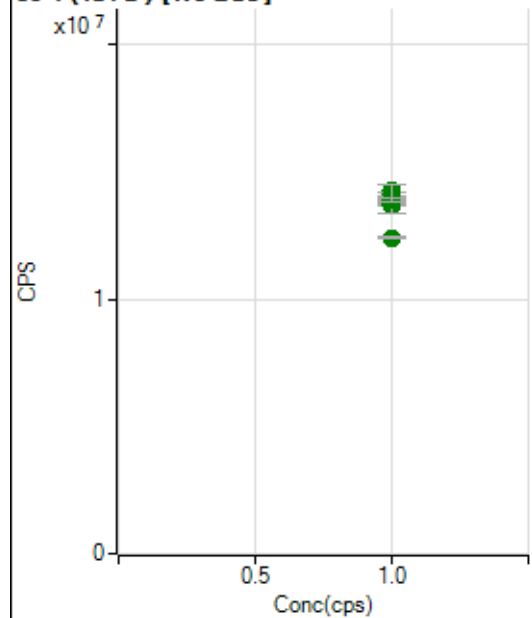
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2633594.04		A	1.9
2	☐	1.000		2559563.85		A	0.7
3	☐	1.000		2592484.39		A	1.6
4	☐	1.000		2570285.00		A	1.7
5	☐	1.000		2623572.83		A	1.1
6	☐	1.000		2521357.73		A	2.5
7	☐	1.000		2631326.23		A	3.4
8	☐	1.000		2268896.62		A	1.7

45 Sc (ISTD) [No Gas]

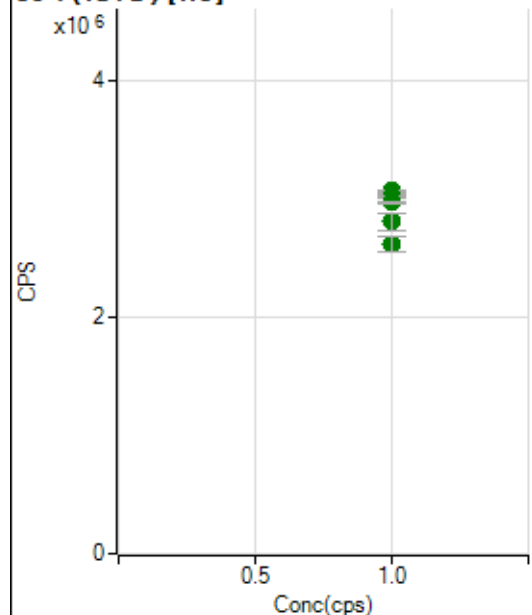
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5350213.39		A	0.4
2	☐	1.000		5226166.28		A	2.2
3	☐	1.000		5229001.62		A	1.9
4	☐	1.000		5107420.90		A	3.5
5	☐	1.000		5246696.83		A	1.2
6	☐	1.000		5166391.87		A	1.1
7	☐	1.000		5368632.45		A	4.2
8	☐	1.000		4733111.63		A	0.8

45 Sc (ISTD) [He]

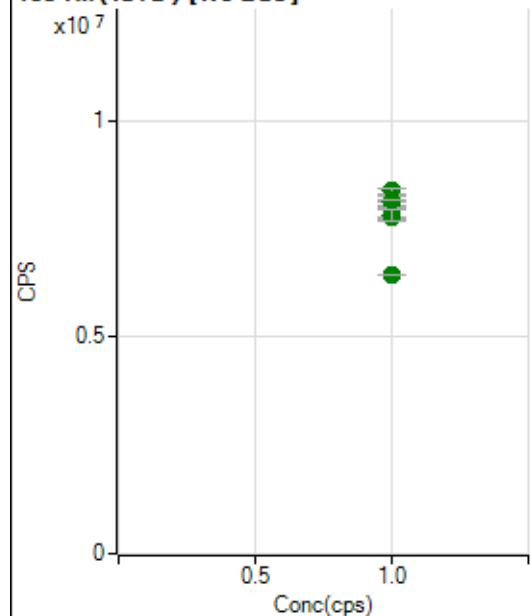
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		426523.74		P	0.5
2	☐	1.000		429322.87		P	0.8
3	☐	1.000		422201.81		P	0.7
4	☐	1.000		420657.20		P	0.4
5	☐	1.000		415778.93		P	0.9
6	☐	1.000		410403.86		P	0.3
7	☐	1.000		386011.57		P	5.2
8	☐	1.000		364387.79		P	4.8

89 Y (ISTD) [No Gas]

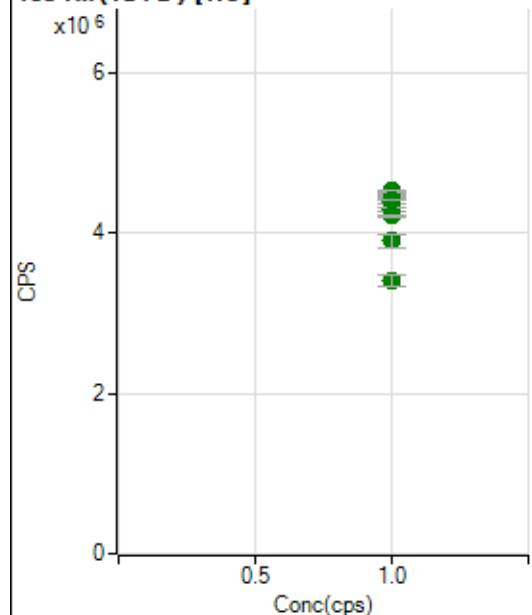
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		14097670.48		A	1.1
2	☐	1.000		13814124.52		A	1.0
3	☐	1.000		13780276.04		A	1.8
4	☐	1.000		13668368.13		A	4.5
5	☐	1.000		13984062.01		A	1.0
6	☐	1.000		13882147.29		A	1.1
7	☐	1.000		14249806.04		A	3.9
8	☐	1.000		12409250.51		A	1.0

89 Y(ISTD) [He]

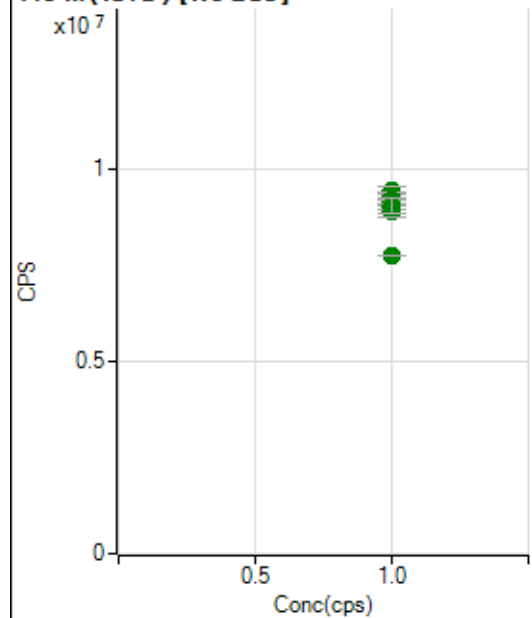
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3046664.43		A	1.2
2	☐	1.000		3070345.79		A	0.5
3	☐	1.000		3013163.81		A	2.1
4	☐	1.000		3022542.94		A	1.2
5	☐	1.000		3014881.00		A	0.5
6	☐	1.000		2970957.94		A	0.5
7	☐	1.000		2808432.49		A	5.0
8	☐	1.000		2613623.52		A	4.9

103 Rh(ISTD) [No Gas]

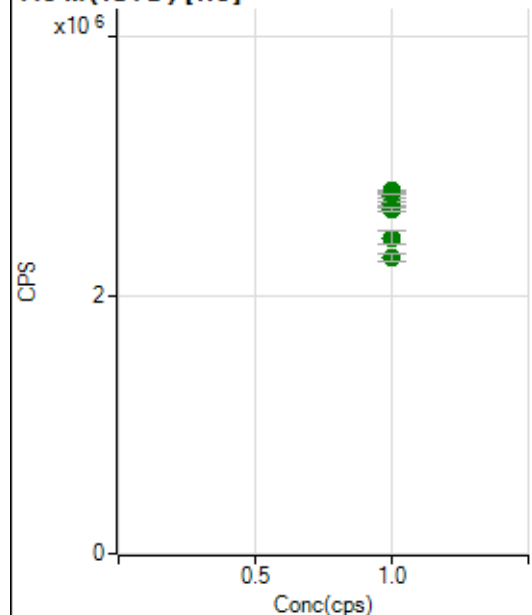
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8376088.14		A	1.3
2	☐	1.000		8183549.32		A	1.5
3	☐	1.000		8103871.61		A	2.0
4	☐	1.000		7810349.60		A	3.1
5	☐	1.000		7958604.95		A	0.6
6	☐	1.000		7747614.54		A	0.5
7	☐	1.000		7813870.37		A	3.9
8	☐	1.000		6439336.57		A	0.6

103 Rh (ISTD) [He]

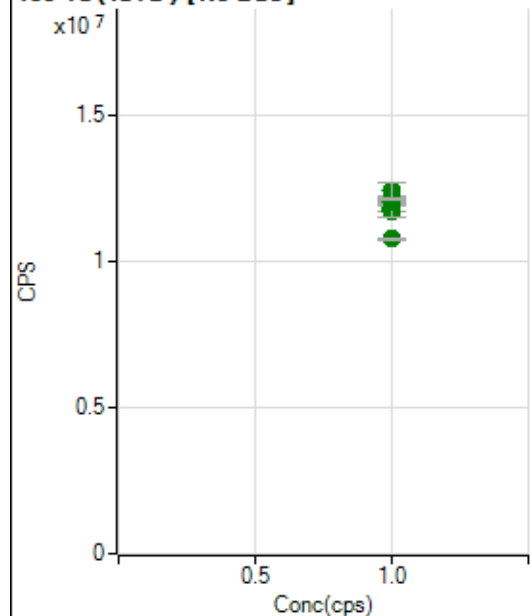
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4467307.82		A	0.6
2	☐	1.000		4523475.21		A	0.7
3	☐	1.000		4398361.84		A	2.1
4	☐	1.000		4412000.21		A	0.5
5	☐	1.000		4297419.59		A	1.1
6	☐	1.000		4211718.13		A	0.6
7	☐	1.000		3897042.72		A	4.5
8	☐	1.000		3402770.85		A	4.0

115 In (ISTD) [No Gas]

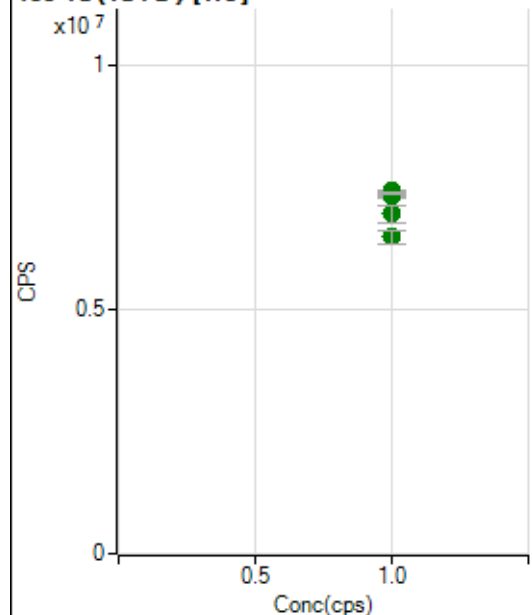
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9415493.95		A	2.0
2	☐	1.000		9281467.54		A	2.3
3	☐	1.000		9160123.56		A	2.0
4	☐	1.000		8885444.71		A	3.4
5	☐	1.000		9112474.65		A	1.6
6	☐	1.000		8973807.46		A	0.9
7	☐	1.000		9028965.54		A	4.4
8	☐	1.000		7721286.44		A	0.2

115 In (ISTD) [He]

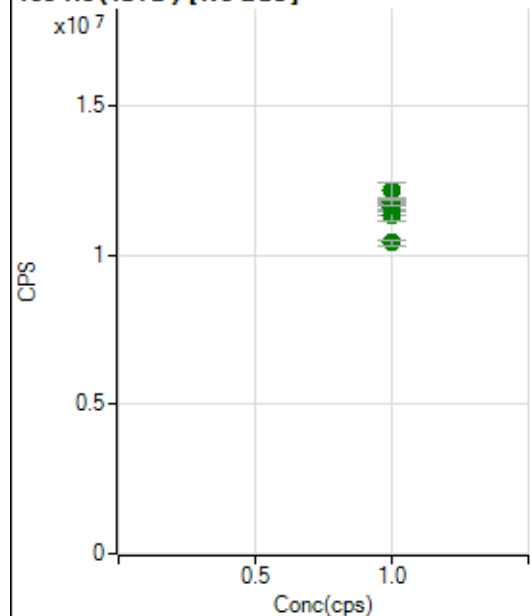
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2803175.25		A	0.4
2	☐	1.000		2805618.21		A	0.5
3	☐	1.000		2778383.18		A	1.7
4	☐	1.000		2768122.22		A	0.9
5	☐	1.000		2709539.36		A	0.9
6	☐	1.000		2657040.13		A	1.0
7	☐	1.000		2443692.81		A	4.1
8	☐	1.000		2292702.93		A	2.9

159 Tb (ISTD) [No Gas]

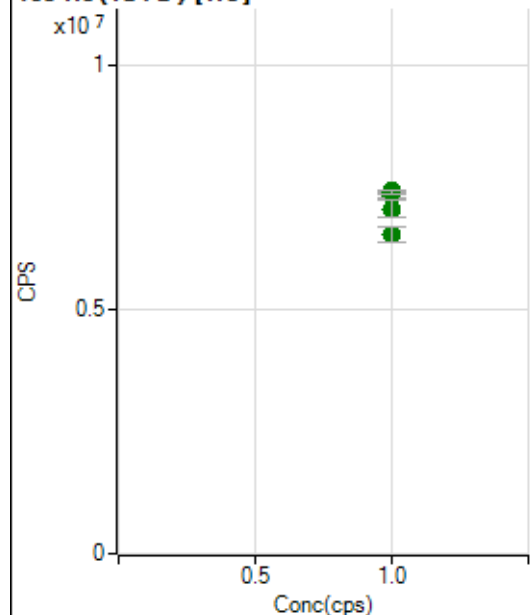
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12146759.82		A	1.4
2	☐	1.000		11810200.80		A	1.2
3	☐	1.000		11872471.49		A	2.6
4	☐	1.000		11718913.30		A	3.7
5	☐	1.000		12074512.18		A	1.1
6	☐	1.000		12129065.37		A	0.5
7	☐	1.000		12416103.29		A	4.2
8	☐	1.000		10762988.94		A	1.1

159 Tb (ISTD) [He]

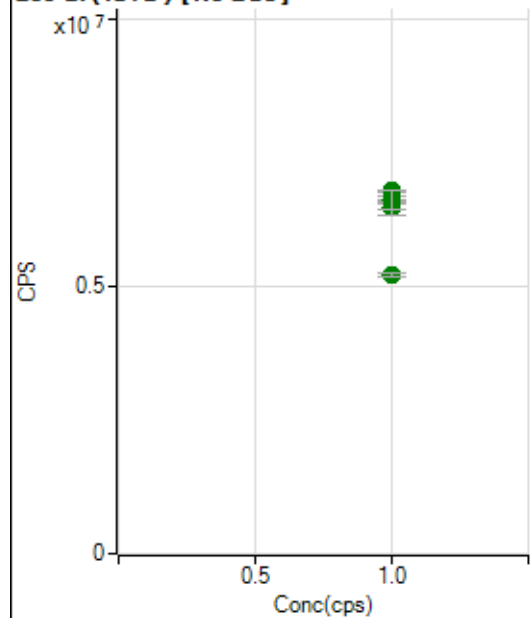
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7323799.68		A	1.4
2	☐	1.000		7415625.51		A	0.4
3	☐	1.000		7382703.15		A	0.9
4	☐	1.000		7405135.52		A	1.1
5	☐	1.000		7343665.79		A	1.2
6	☐	1.000		7356346.49		A	0.6
7	☐	1.000		6939741.29		A	5.0
8	☐	1.000		6468532.33		A	4.4

165 Ho (ISTD) [No Gas]

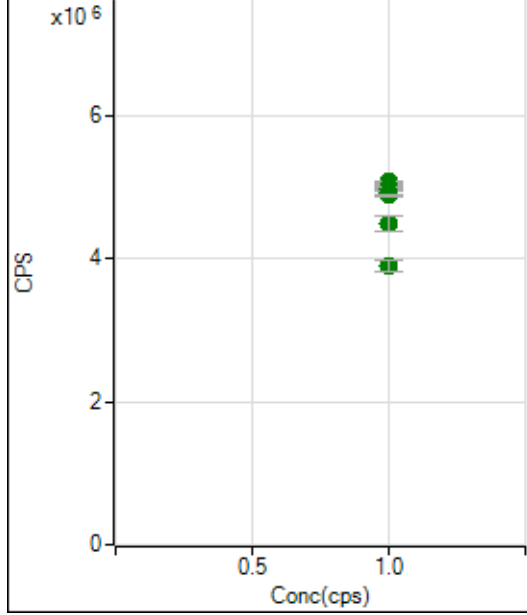
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11660385.66		A	2.4
2	☐	1.000		11429374.00		A	1.9
3	☐	1.000		11559447.19		A	1.9
4	☐	1.000		11325347.05		A	3.9
5	☐	1.000		11667782.19		A	0.8
6	☐	1.000		11739141.35		A	1.2
7	☐	1.000		12135022.74		A	4.3
8	☐	1.000		10399037.90		A	1.9

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7433070.24		A	0.4
2	☐	1.000		7395821.14		A	0.5
3	☐	1.000		7327626.42		A	1.2
4	☐	1.000		7400955.45		A	0.7
5	☐	1.000		7430026.56		A	0.9
6	☐	1.000		7408911.21		A	1.0
7	☐	1.000		7059327.46		A	4.9
8	☐	1.000		6535342.82		A	4.5

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6779564.41		A	0.3
2	☐	1.000		6620338.79		A	1.6
3	☐	1.000		6695282.75		A	2.5
4	☐	1.000		6461674.97		A	4.0
5	☐	1.000		6614469.70		A	1.9
6	☐	1.000		6567420.67		A	0.6
7	☐	1.000		6619832.26		A	5.2
8	☐	1.000		5223659.23		A	1.5

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5012001.28		A	0.6
2	☐	1.000		5075436.25		A	0.7
3	☐	1.000		5002157.15		A	1.2
4	☐	1.000		4985424.41		A	1.1
5	☐	1.000		4912193.88		A	1.3
6	☐	1.000		4890556.28		A	0.6
7	☐	1.000		4490841.01		A	4.8
8	☐	1.000		3913654.91		A	4.1

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\P7100423 MS.b
Acq. Date-Time 2023-10-04 12:05:50
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		8070	80698.19			2.761	5.000
24		315685	3156852.81			2.872	5.000
25		43237	432367.69			3.056	5.000
26		50291	502911.87			3.014	5.000
59		71503	715033.02			2.026	5.000
113		10619	106191.75			3.044	5.000
115		127643	1276427.43			3.130	5.000
206		65570	655696.19			3.212	5.000
207		58445	584445.51			2.932	5.000
208		145754	1457540.95			2.846	5.000
220		0	1.90			34.312	

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

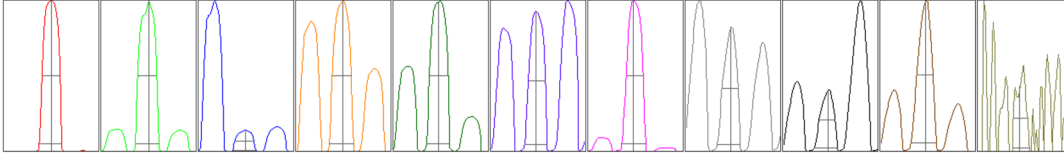
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	7826	8432	8029	8071	7990
24	303185	328474	317063	316527	313177
25	41173	44860	43277	43395	43478
26	48138	52414	50171	50474	50259
59	69127	73096	71682	71821	71790
113	10250	11138	10581	10609	10517
115	123770	134129	127387	125060	127868
206	63391	69074	65417	64984	64983
207	56872	61359	58303	57972	57717
208	140106	151737	144850	146333	145745

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	14743.66	9.05	8.90 - 9.10	
24	562588.11	24.05	23.90 - 24.10	
25	76760.74	25.00	24.90 - 25.10	
26	89122.15	26.00	25.90 - 26.10	
59	124891.57	58.95	58.90 - 59.10	
113	20478.90	112.95	112.90 - 113.10	
115	245448.23	114.95	114.90 - 115.10	
206	134336.22	205.95	205.90 - 206.10	
207	118319.10	206.95	206.90 - 207.10	
208	290127.53	207.95	207.90 - 208.10	
220	0.30	219.85	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.56	0.687	0.900	
24	0.59	0.739	0.900	
25	0.58	0.729	0.900	
26	0.59	0.773	0.900	
59	0.59	0.737	0.900	
113	0.53	0.713	0.900	
115	0.52	0.764	0.900	
206	0.51	0.731	0.900	
207	0.51	0.733	0.900	
208	0.51	0.806	0.900	
220	0.46	0.541		

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode --- Nebulizer Gas 0.82 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	8.2 V	Deflect	15.4 V
Extract 2	-105.0 V	Cell Entrance	-30 V	Plate Bias	-35 V
Omega Bias	-55 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	170 V		

QP Parameters

Mass Gain	131	Axis Gain	0.9970	QP Bias	-3.0 V
Mass Offset	131	Axis Offset	0.18		

Hardware Settings

Torch

Torch H	-1.0 mm	Torch V	0.9 mm

EM

Discriminator	4.7 mV	Analog HV	2270 V	Pulse HV	1376 V

[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		22913	229130.55			0.278	
89		246843	2468430.59			0.535	
205		57929	579291.95			0.547	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	22945	22956	22937	22801	22927
89	248068	248394	246442	245459	245852
205	58285	57528	57896	57734	58203

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	---	Nebulizer Gas	0.82 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	8.7 V	Deflect	2.0 V

US EPA Tune Check Report

Extract 2	-110.0 V	Cell Entrance	-40 V	Plate Bias	-60 V
Omega Bias	-60 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	131	Axis Gain	0.9970	QP Bias	-13.0 V
Mass Offset	131	Axis Offset	0.18		
Hardware Settings					
Torch					
Torch H	-1.0 mm	Torch V	0.9 mm		
EM					
Discriminator	4.7 mV	Analog HV	2270 V	Pulse HV	1376 V

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 12:42:40	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.17	0.03	-0.19	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.00	0.00	-0.01	0.00	N/A	ppb
Barium	135-1	0.00	0.00	0.00	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	0.01	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.00	-0.02	0.02	0.00	N/A	ppb
Cadmium	106-1	-0.92	0.96	-0.04	0.00	N/A	ppb
Cadmium	111-1	-0.07	0.08	0.00	0.00	N/A	ppb
Calcium	43-1	-0.82	0.21	0.60	0.00	N/A	ppb
Calcium	44-1	-0.33	-0.19	0.52	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	0.03	-0.01	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.01	-0.02	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	0.02	0.06	-0.08	0.00	N/A	ppb
Iron	57-2	0.47	-0.61	0.14	0.00	N/A	ppb
Iron	54-2	-0.09	0.10	-0.01	0.00	N/A	ppb
Krypton	83-1						cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 12:42:40	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	207-1	0.00	0.00	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	0.13	-0.12	-0.02	0.00	N/A	ppb
Manganese	55-2	-0.01	0.02	-0.01	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	0.01	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	-0.01	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	0.02	0.00	-0.02	0.00	N/A	ppb
Phosphorus	31-2	-7.77	-15.67	-6.46	-9.97		ppb
Potassium	39-2	-2.84	0.89	1.96	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	-0.16	0.17	-0.01	0.00	N/A	ppb
Selenium	77-2	0.00	-0.28	0.28	0.00	N/A	ppb
Selenium	78-2	0.56	0.03	-0.59	0.00	N/A	ppb
Silicon	28-1	-0.01	-0.01	0.02	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	0.14	-0.26	0.12	0.00	N/A	ppb
Strontium	86-1	-0.01	0.00	0.01	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-147.61	-165.35	-124.20	-145.72		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
Tin	118-1	0.01	0.02	-0.03	0.00	N/A	ppb
Titanium	47-1	0.01	-0.01	0.00	0.00	N/A	ppb

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 12:42:40	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
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	0.06	0.05	-0.11	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	-0.01	0.00	0.01	0.00	N/A	ppb

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 12:45:55	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.64	22.91	21.30	21.95	3.85	ppb
Antimony	121-1	2.02	2.06	1.97	2.02	2.27	ppb
Arsenic	75-2	1.04	1.02	1.10	1.05	4.18	ppb
Barium	135-1	9.77	9.68	9.75	9.73	0.46	ppb
Barium	137-1	9.83	9.68	9.67	9.72	0.92	ppb
Beryllium	9-1	0.98	1.00	0.92	0.97	3.98	ppb
Bismuth	209-1				98		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.05	1.22	1.14	1.14	7.45	ppb
Cadmium	106-1	1.54	1.84	2.21	1.86	18.02	ppb
Cadmium	111-1	1.08	1.25	1.19	1.17	7.41	ppb
Calcium	43-1	525.43	508.52	516.36	516.77	1.64	ppb
Calcium	44-1	532.47	517.81	521.01	523.76	1.47	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.02	2.02	2.01	2.02	0.41	ppb
Cobalt	59-2	0.95	1.02	0.97	0.98	3.64	ppb
Copper	63-2	1.92	1.99	2.01	1.97	2.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				99		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	56-2	55.27	54.99	54.83	55.03	0.40	ppb
Iron	57-2	55.62	59.18	56.17	56.99	3.36	ppb
Iron	54-2	54.75	54.93	53.70	54.46	1.21	ppb
Krypton	83-1						cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 12:45:55	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.88	0.88	0.92	0.89	2.57	ppb
Lead	207-1	0.90	0.88	0.89	0.89	1.63	ppb
Lead	208-1	0.91	0.88	0.89	0.90	1.69	ppb
Lithium	6-1				97		%
Magnesium	24-2	501.02	513.16	502.15	505.44	1.33	ppb
Manganese	55-2	1.08	1.02	1.01	1.04	3.92	ppb
Molybdenum	94-1	5.85	6.00	5.96	5.94	1.34	ppb
Molybdenum	95-1	5.15	5.00	5.20	5.12	1.99	ppb
Molybdenum	96-1	5.16	5.25	5.16	5.19	1.02	ppb
Molybdenum	97-1	5.11	5.13	5.17	5.14	0.56	ppb
Molybdenum	98-1	5.23	5.12	5.13	5.16	1.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.03	0.99	1.06	1.03	3.50	ppb
Phosphorus	31-2	12.76	7.67	9.47	9.97	25.94	ppb
Potassium	39-2	508.07	511.03	509.61	509.57	0.29	ppb
Rhodium	103-1				98		%
Rhodium	103-2				101		%
Scandium	45-1				98		%
Scandium	45-2				101		%
Selenium	82-1	5.14	4.85	5.09	5.03	3.12	ppb
Selenium	77-2	2.27	6.53	3.43	4.08	54.01	ppb
Selenium	78-2	6.05	3.84	4.94	4.94	22.33	ppb
Silicon	28-1	0.77	0.58	0.63	0.66	14.87	ppb
Silver	107-1	1.09	1.06	1.05	1.07	1.85	ppb
Silver	109-1	1.14	1.07	1.12	1.11	3.00	ppb
Sodium	23-2	510.53	513.81	507.46	510.60	0.62	ppb
Strontium	86-1	1.06	1.06	1.07	1.07	0.45	ppb
Strontium	88-1	1.04	1.03	1.03	1.03	0.68	ppb
Sulfur	34-1	330.83	-1.18	107.50	145.72	116.16	ppb
Terbium	159-1				97		%
Terbium	159-2				101		%
Thallium	203-1	0.93	0.94	0.91	0.93	1.60	ppb
Thallium	205-1	0.91	0.93	0.90	0.91	1.74	ppb
Tin	118-1	5.10	5.06	5.13	5.09	0.66	ppb
Titanium	47-1	5.54	5.39	5.30	5.41	2.28	ppb

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 12:45:55	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.86	0.87	0.88	0.87	0.96	ppb
Vanadium	51-2	4.61	4.70	4.59	4.63	1.24	ppb
Yttrium	89-1				98		%
Yttrium	89-2				101		%
Zinc	66-2	2.25	2.19	2.25	2.23	1.46	ppb
Zirconium	90-1	0.91	0.92	0.92	0.92	0.59	ppb
Zirconium	91-1	0.90	0.90	0.92	0.91	0.75	ppb

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 12:52:27	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1108.67	1122.15	1132.13	1120.98	1.05	ppb
Antimony	121-1	56.02	53.91	54.33	54.76	2.04	ppb
Arsenic	75-2	48.65	50.53	50.24	49.81	2.03	ppb
Barium	135-1	269.94	260.50	263.21	264.55	1.84	ppb
Barium	137-1	272.52	259.76	265.57	265.95	2.40	ppb
Beryllium	9-1	57.85	56.43	56.61	56.97	1.36	ppb
Bismuth	209-1				99		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	55.84	53.96	55.48	55.09	1.82	ppb
Cadmium	106-1	61.16	56.60	54.28	57.35	6.10	ppb
Cadmium	111-1	59.04	57.42	57.23	57.90	1.71	ppb
Calcium	43-1	6415.22	6209.24	6265.48	6296.65	1.69	ppb
Calcium	44-1	5638.92	5596.35	5544.98	5593.41	0.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	51.19	51.64	51.62	51.48	0.49	ppb
Cobalt	59-2	51.28	51.79	52.00	51.69	0.72	ppb
Copper	63-2	514.37	514.24	519.43	516.01	0.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				99		%
Indium	115-1				97		%
Indium	115-2				99		%
Iron	56-2	2635.99	2633.98	2672.90	2647.62	0.83	ppb
Iron	57-2	2867.77	2880.49	2887.22	2878.49	0.34	ppb
Iron	54-2	2882.75	2911.66	2944.49	2912.96	1.06	ppb
Krypton	83-1						cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 12:52:27	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	252.29	243.25	252.78	249.44	2.15	ppb
Lead	207-1	249.46	240.54	252.54	247.51	2.52	ppb
Lead	208-1	258.80	247.38	256.69	254.29	2.39	ppb
Lithium	6-1				98		%
Magnesium	24-2	5193.93	5305.43	5236.31	5245.22	1.07	ppb
Manganese	55-2	517.43	523.23	521.56	520.74	0.57	ppb
Molybdenum	94-1	532.60	525.87	542.43	533.63	1.56	ppb
Molybdenum	95-1	541.37	519.28	528.78	529.81	2.09	ppb
Molybdenum	96-1	538.26	514.74	537.53	530.18	2.52	ppb
Molybdenum	97-1	552.53	534.89	556.40	547.94	2.09	ppb
Molybdenum	98-1	534.97	522.72	533.58	530.43	1.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	50.93	51.24	51.27	51.15	0.37	ppb
Phosphorus	31-2	972.14	974.13	972.33	972.87	0.11	ppb
Potassium	39-2	2758.16	2788.55	2819.81	2788.84	1.11	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				98		%
Scandium	45-2				99		%
Selenium	82-1	55.34	53.54	54.56	54.48	1.66	ppb
Selenium	77-2	47.80	47.55	46.10	47.15	1.95	ppb
Selenium	78-2	48.42	52.52	48.14	49.69	4.94	ppb
Silicon	28-1	57.83	55.81	55.46	56.37	2.27	ppb
Silver	107-1	59.69	57.40	57.95	58.35	2.05	ppb
Silver	109-1	59.60	57.62	57.89	58.37	1.84	ppb
Sodium	23-2	5145.72	5230.55	5248.19	5208.15	1.05	ppb
Strontium	86-1	1337.46	1319.31	1326.78	1327.85	0.69	ppb
Strontium	88-1	1335.77	1305.91	1344.89	1328.86	1.53	ppb
Sulfur	34-1	1533.37	1326.41	1105.79	1321.86	16.18	ppb
Terbium	159-1				98		%
Terbium	159-2				101		%
Thallium	203-1	50.54	48.45	50.59	49.86	2.45	ppb
Thallium	205-1	50.21	48.37	50.30	49.62	2.19	ppb
Tin	118-1	56.21	55.26	54.64	55.37	1.44	ppb
Titanium	47-1	557.09	545.60	547.93	550.21	1.10	ppb

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 12:52:27	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	47.44	45.62	47.46	46.84	2.26	ppb
Vanadium	51-2	49.42	50.48	49.91	49.93	1.06	ppb
Yttrium	89-1				98		%
Yttrium	89-2				99		%
Zinc	66-2	521.37	535.13	530.52	529.01	1.32	ppb
Zirconium	90-1	54.46	53.52	54.77	54.25	1.20	ppb
Zirconium	91-1	54.21	53.00	54.99	54.07	1.85	ppb

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 12:55:33	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2795.18	2786.66	2768.57	2783.47	0.49	ppb
Antimony	121-1	142.78	137.25	133.82	137.95	3.28	ppb
Arsenic	75-2	126.01	123.14	124.25	124.47	1.16	ppb
Barium	135-1	692.58	659.58	644.44	665.54	3.70	ppb
Barium	137-1	703.66	663.21	656.02	674.30	3.81	ppb
Beryllium	9-1	144.33	139.37	138.74	140.81	2.17	ppb
Bismuth	209-1				95		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	147.33	135.58	133.83	138.91	5.29	ppb
Cadmium	106-1	144.36	138.59	130.80	137.92	4.93	ppb
Cadmium	111-1	148.86	140.94	137.62	142.47	4.05	ppb
Calcium	43-1	16467.61	15692.24	15220.55	15793.47	3.99	ppb
Calcium	44-1	14746.94	14055.22	13854.46	14218.87	3.29	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	129.19	130.48	127.31	128.99	1.23	ppb
Cobalt	59-2	130.49	131.38	130.71	130.86	0.35	ppb
Copper	63-2	1278.17	1283.78	1264.82	1275.59	0.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				100		%
Indium	115-1				94		%
Indium	115-2				99		%
Iron	56-2	6619.58	6632.88	6516.25	6589.57	0.97	ppb
Iron	57-2	7238.79	7208.85	7108.90	7185.51	0.95	ppb
Iron	54-2	7271.54	7307.28	7242.17	7273.66	0.45	ppb
Krypton	83-1						cps

LB Number : LB127619 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired : 2023-10-04 12:55:33 DataFile Name : 008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	696.21	648.50	644.00	662.90	4.36	ppb
Lead	207-1	699.60	654.42	646.82	666.94	4.28	ppb
Lead	208-1	693.99	652.65	638.63	661.76	4.35	ppb
Lithium	6-1				98		%
Magnesium	24-2	12916.56	12893.99	12860.52	12890.35	0.22	ppb
Manganese	55-2	1257.24	1231.65	1219.80	1236.23	1.55	ppb
Molybdenum	94-1	1410.59	1305.79	1312.32	1342.90	4.37	ppb
Molybdenum	95-1	1385.14	1309.31	1289.43	1327.96	3.80	ppb
Molybdenum	96-1	1398.68	1271.59	1281.82	1317.36	5.36	ppb
Molybdenum	97-1	1394.64	1267.19	1287.19	1316.34	5.21	ppb
Molybdenum	98-1	1411.42	1277.63	1288.07	1325.70	5.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	127.68	128.53	127.68	127.96	0.39	ppb
Phosphorus	31-2	2455.96	2484.53	2482.07	2474.19	0.64	ppb
Potassium	39-2	6444.02	6427.36	6377.65	6416.34	0.54	ppb
Rhodium	103-1				93		%
Rhodium	103-2				99		%
Scandium	45-1				95		%
Scandium	45-2				99		%
Selenium	82-1	142.79	132.27	134.13	136.40	4.12	ppb
Selenium	77-2	122.48	121.12	129.24	124.28	3.50	ppb
Selenium	78-2	135.30	125.27	125.56	128.71	4.43	ppb
Silicon	28-1	146.65	141.63	136.05	141.44	3.75	ppb
Silver	107-1	151.47	146.52	142.06	146.69	3.21	ppb
Silver	109-1	151.89	144.21	141.39	145.83	3.73	ppb
Sodium	23-2	13106.92	13143.50	12967.35	13072.59	0.71	ppb
Strontium	86-1	3503.18	3304.39	3323.52	3377.03	3.25	ppb
Strontium	88-1	3495.35	3281.91	3259.97	3345.74	3.89	ppb
Sulfur	34-1	3404.70	2897.17	2609.23	2970.37	13.56	ppb
Terbium	159-1				96		%
Terbium	159-2				101		%
Thallium	203-1	134.97	126.73	125.31	129.00	4.04	ppb
Thallium	205-1	139.64	129.15	130.07	132.95	4.37	ppb
Tin	118-1	144.87	137.35	135.16	139.13	3.66	ppb
Titanium	47-1	1435.00	1330.33	1339.14	1368.16	4.24	ppb

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 12:55:33	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	134.00	126.50	126.36	128.95	3.39	ppb
Vanadium	51-2	124.97	125.54	124.35	124.95	0.48	ppb
Yttrium	89-1				97		%
Yttrium	89-2				99		%
Zinc	66-2	1325.57	1331.71	1312.26	1323.18	0.75	ppb
Zirconium	90-1	139.40	130.85	128.99	133.08	4.17	ppb
Zirconium	91-1	142.84	132.52	132.15	135.84	4.46	ppb

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 12:58:26	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5521.78	5482.42	5536.71	5513.64	0.51	ppb
Antimony	121-1	256.23	262.53	262.73	260.50	1.42	ppb
Arsenic	75-2	245.18	244.24	244.47	244.63	0.20	ppb
Barium	135-1	1280.65	1314.40	1309.39	1301.48	1.40	ppb
Barium	137-1	1275.30	1300.70	1301.36	1292.45	1.15	ppb
Beryllium	9-1	268.81	269.62	270.93	269.79	0.40	ppb
Bismuth	209-1				98		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	262.62	275.25	272.33	270.06	2.45	ppb
Cadmium	106-1	262.04	271.25	270.91	268.07	1.95	ppb
Cadmium	111-1	268.90	274.75	276.45	273.37	1.45	ppb
Calcium	43-1	29685.63	30175.33	30554.38	30138.45	1.45	ppb
Calcium	44-1	26506.17	27205.97	27057.49	26923.21	1.37	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	253.69	252.55	255.87	254.04	0.66	ppb
Cobalt	59-2	256.33	255.46	256.72	256.17	0.25	ppb
Copper	63-2	2455.98	2502.18	2504.36	2487.51	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				100		%
Holmium	165-2				100		%
Indium	115-1				97		%
Indium	115-2				97		%
Iron	56-2	13185.72	12997.77	13308.51	13164.00	1.19	ppb
Iron	57-2	14225.40	14159.89	14252.25	14212.52	0.33	ppb
Iron	54-2	13429.50	13174.08	13550.35	13384.64	1.44	ppb
Krypton	83-1						cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 12:58:26	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1235.07	1304.29	1295.16	1278.18	2.94	ppb
Lead	207-1	1235.56	1290.64	1289.47	1271.89	2.47	ppb
Lead	208-1	1237.66	1295.63	1291.33	1274.87	2.53	ppb
Lithium	6-1				100		%
Magnesium	24-2	25407.91	25342.56	25795.11	25515.19	0.96	ppb
Manganese	55-2	2461.80	2440.61	2465.49	2455.97	0.55	ppb
Molybdenum	94-1	2528.40	2565.00	2582.42	2558.61	1.08	ppb
Molybdenum	95-1	2538.00	2543.99	2556.56	2546.18	0.37	ppb
Molybdenum	96-1	2518.06	2562.88	2540.36	2540.43	0.88	ppb
Molybdenum	97-1	2514.31	2558.55	2550.78	2541.21	0.93	ppb
Molybdenum	98-1	2527.72	2593.10	2542.74	2554.52	1.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	249.25	250.10	251.35	250.23	0.42	ppb
Phosphorus	31-2	5006.54	4840.88	5044.19	4963.87	2.18	ppb
Potassium	39-2	12410.46	12514.66	12828.80	12584.64	1.73	ppb
Rhodium	103-1				95		%
Rhodium	103-2				96		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	82-1	263.96	262.44	263.75	263.38	0.31	ppb
Selenium	77-2	239.21	251.60	248.06	246.29	2.59	ppb
Selenium	78-2	250.30	253.70	239.27	247.76	3.05	ppb
Silicon	28-1	261.76	270.03	271.87	267.89	2.01	ppb
Silver	107-1	265.02	269.52	272.04	268.86	1.32	ppb
Silver	109-1	267.87	272.40	270.77	270.35	0.85	ppb
Sodium	23-2	25412.55	25631.24	26198.98	25747.59	1.58	ppb
Strontium	86-1	6420.55	6460.85	6452.30	6444.56	0.33	ppb
Strontium	88-1	6301.03	6402.41	6433.86	6379.10	1.09	ppb
Sulfur	34-1	5082.60	5274.13	5403.28	5253.34	3.07	ppb
Terbium	159-1				99		%
Terbium	159-2				100		%
Thallium	203-1	250.61	258.32	265.32	258.08	2.85	ppb
Thallium	205-1	249.39	258.92	256.81	255.04	1.96	ppb
Tin	118-1	256.51	261.93	263.68	260.71	1.43	ppb
Titanium	47-1	2508.50	2597.60	2611.74	2572.61	2.18	ppb

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 12:58:26	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	243.08	256.01	248.15	249.08	2.61	ppb
Vanadium	51-2	248.80	248.50	250.63	249.31	0.46	ppb
Yttrium	89-1				99		%
Yttrium	89-2				99		%
Zinc	66-2	2594.79	2571.88	2610.78	2592.48	0.75	ppb
Zirconium	90-1	253.98	258.08	261.14	257.73	1.39	ppb
Zirconium	91-1	257.46	262.39	264.89	261.58	1.45	ppb

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 13:01:14	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10190.55	10263.54	10077.58	10177.23	0.92	ppb
Antimony	121-1	519.12	522.35	518.61	520.03	0.39	ppb
Arsenic	75-2	484.44	497.38	486.15	489.32	1.44	ppb
Barium	135-1	2599.69	2571.37	2579.12	2583.39	0.57	ppb
Barium	137-1	2572.47	2598.96	2585.60	2585.68	0.51	ppb
Beryllium	9-1	533.51	562.92	540.11	545.52	2.83	ppb
Bismuth	209-1				97		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	526.68	526.01	519.82	524.17	0.72	ppb
Cadmium	106-1	515.39	526.55	516.79	519.58	1.17	ppb
Cadmium	111-1	527.79	530.37	530.70	529.62	0.30	ppb
Calcium	43-1	56386.67	56713.77	58468.19	57189.55	1.96	ppb
Calcium	44-1	53316.22	53997.31	54767.48	54027.01	1.34	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	483.04	476.48	481.49	480.34	0.71	ppb
Cobalt	59-2	481.42	486.61	484.73	484.25	0.54	ppb
Copper	63-2	4936.49	4881.78	4814.32	4877.53	1.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				95		%
Indium	115-2				95		%
Iron	56-2	25880.08	25953.42	26091.49	25974.99	0.41	ppb
Iron	57-2	26258.25	25994.06	26381.25	26211.19	0.75	ppb
Iron	54-2	26587.13	26483.13	26720.22	26596.82	0.45	ppb
Krypton	83-1						cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 13:01:14	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2547.67	2528.10	2577.49	2551.09	0.97	ppb
Lead	207-1	2563.43	2545.59	2590.82	2566.61	0.89	ppb
Lead	208-1	2565.00	2549.10	2579.75	2564.62	0.60	ppb
Lithium	6-1				96		%
Magnesium	24-2	50414.96	50637.06	50581.86	50544.63	0.23	ppb
Manganese	55-2	4864.11	4897.07	4821.45	4860.87	0.78	ppb
Molybdenum	94-1	5097.94	5228.86	5161.25	5162.68	1.27	ppb
Molybdenum	95-1	5124.71	5192.65	5089.19	5135.52	1.02	ppb
Molybdenum	96-1	5146.33	5214.35	5055.02	5138.57	1.56	ppb
Molybdenum	97-1	5124.42	5220.06	5076.22	5140.23	1.42	ppb
Molybdenum	98-1	5087.00	5171.51	5073.73	5110.75	1.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	490.11	493.89	491.15	491.72	0.40	ppb
Phosphorus	31-2	9658.01	9641.44	9538.94	9612.80	0.67	ppb
Potassium	39-2	24841.01	24902.81	24807.78	24850.53	0.19	ppb
Rhodium	103-1				92		%
Rhodium	103-2				94		%
Scandium	45-1				97		%
Scandium	45-2				96		%
Selenium	82-1	518.08	529.26	515.90	521.08	1.38	ppb
Selenium	77-2	492.94	473.93	486.50	484.46	2.00	ppb
Selenium	78-2	489.44	492.09	475.46	485.66	1.84	ppb
Silicon	28-1	524.64	537.26	530.60	530.83	1.19	ppb
Silver	107-1	529.50	525.85	516.56	523.97	1.27	ppb
Silver	109-1	522.76	526.40	519.26	522.81	0.68	ppb
Sodium	23-2	51226.52	51270.81	51257.95	51251.76	0.04	ppb
Strontium	86-1	12768.57	12915.49	12667.93	12784.00	0.97	ppb
Strontium	88-1	12693.10	13046.80	12629.19	12789.70	1.76	ppb
Sulfur	34-1	10425.43	10565.68	10626.43	10539.18	0.98	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	515.58	509.30	519.12	514.67	0.97	ppb
Thallium	205-1	514.12	509.82	507.05	510.33	0.70	ppb
Tin	118-1	524.44	520.62	523.79	522.95	0.39	ppb
Titanium	47-1	5080.04	5227.46	5240.38	5182.63	1.72	ppb

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 13:01:14	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	506.56	501.71	498.54	502.27	0.80	ppb
Vanadium	51-2	497.63	494.97	496.56	496.39	0.27	ppb
Yttrium	89-1				98		%
Yttrium	89-2				98		%
Zinc	66-2	4904.44	4832.24	4949.00	4895.22	1.20	ppb
Zirconium	90-1	511.45	519.00	514.52	514.99	0.74	ppb
Zirconium	91-1	516.14	522.12	512.73	517.00	0.92	ppb

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 13:04:00	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22950.33	20888.57	20615.28	21484.73	5.94	ppb
Antimony	121-1	1009.55	942.91	1004.06	985.51	3.75	ppb
Arsenic	75-2	1068.27	985.38	966.62	1006.76	5.37	ppb
Barium	135-1	5083.95	4714.44	5020.52	4939.64	4.00	ppb
Barium	137-1	5140.44	4702.27	4976.06	4939.59	4.48	ppb
Beryllium	9-1	986.60	930.26	993.05	969.97	3.56	ppb
Bismuth	209-1				98		%
Bismuth	209-2				90		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1010.28	935.14	997.30	980.91	4.09	ppb
Cadmium	106-1	1021.56	934.51	995.07	983.71	4.54	ppb
Cadmium	111-1	1010.15	938.01	982.14	976.77	3.72	ppb
Calcium	43-1	110931.48	102912.03	110003.97	107949.16	4.06	ppb
Calcium	44-1	106496.38	97813.14	104701.29	103003.60	4.45	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1072.75	981.16	970.84	1008.25	5.56	ppb
Cobalt	59-2	1075.09	982.03	959.42	1005.51	6.10	ppb
Copper	63-2	10719.58	9841.62	9619.87	10060.36	5.78	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				104		%
Holmium	165-2				95		%
Indium	115-1				96		%
Indium	115-2				87		%
Iron	56-2	56994.23	52621.97	51750.33	53788.84	5.22	ppb
Iron	57-2	57403.34	53529.07	51606.77	54179.73	5.45	ppb
Iron	54-2	58268.05	53136.20	52858.72	54754.32	5.56	ppb
Krypton	83-1						cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 13:04:00	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	5105.41	4683.50	5099.19	4962.70	4.87	ppb
Lead	207-1	5118.07	4667.69	5082.54	4956.10	5.05	ppb
Lead	208-1	5090.73	4666.08	5113.18	4956.66	5.08	ppb
Lithium	6-1				100		%
Magnesium	24-2	112309.00	102666.54	100774.83	105250.12	5.88	ppb
Manganese	55-2	10607.22	9862.44	9774.11	10081.26	4.54	ppb
Molybdenum	94-1	9973.29	9460.91	10237.93	9890.71	3.99	ppb
Molybdenum	95-1	10054.90	9454.78	10218.71	9909.46	4.06	ppb
Molybdenum	96-1	10162.03	9424.67	10145.34	9910.68	4.25	ppb
Molybdenum	97-1	10130.06	9378.83	10217.77	9908.89	4.65	ppb
Molybdenum	98-1	10082.25	9458.73	10219.06	9920.01	4.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1072.36	978.84	959.77	1003.66	6.00	ppb
Phosphorus	31-2	21527.19	19600.25	19494.22	20207.22	5.66	ppb
Potassium	39-2	55724.66	50827.17	49884.57	52145.47	6.01	ppb
Rhodium	103-1				93		%
Rhodium	103-2				87		%
Scandium	45-1				100		%
Scandium	45-2				91		%
Selenium	82-1	1000.75	937.78	1014.87	984.47	4.17	ppb
Selenium	77-2	1068.18	989.82	968.81	1008.94	5.19	ppb
Selenium	78-2	1077.69	987.65	956.50	1007.28	6.25	ppb
Silicon	28-1	1012.29	931.34	989.87	977.83	4.27	ppb
Silver	107-1	1012.41	933.08	995.03	980.17	4.25	ppb
Silver	109-1	1015.10	931.36	995.00	980.49	4.46	ppb
Sodium	23-2	113832.70	104103.05	102477.12	106804.29	5.75	ppb
Strontium	86-1	24896.74	24027.74	25397.41	24773.96	2.80	ppb
Strontium	88-1	25120.74	23624.50	25628.78	24791.34	4.20	ppb
Sulfur	34-1	20549.67	18255.19	19971.70	19592.19	6.09	ppb
Terbium	159-1				102		%
Terbium	159-2				95		%
Thallium	203-1	1019.26	938.11	1013.08	990.15	4.56	ppb
Thallium	205-1	1021.34	933.32	1023.13	992.60	5.17	ppb
Tin	118-1	1007.88	941.46	1002.10	983.81	3.74	ppb
Titanium	47-1	10217.87	9360.63	10041.26	9873.25	4.58	ppb

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 13:04:00	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1025.46	938.98	1031.83	998.76	5.19	ppb
Vanadium	51-2	1058.75	985.30	961.92	1001.99	5.04	ppb
Yttrium	89-1				101		%
Yttrium	89-2				92		%
Zinc	66-2	10700.10	9827.42	9528.49	10018.67	6.08	ppb
Zirconium	90-1	1010.42	944.96	1012.67	989.35	3.89	ppb
Zirconium	91-1	993.31	943.35	1024.48	987.05	4.15	ppb

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 13:06:48	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99287.59	104466.17	95200.30	99651.35	4.66	ppb
Antimony	121-1	0.75	0.77	0.80	0.77	3.03	ppb
Arsenic	75-2	0.53	0.53	0.42	0.50	12.58	ppb
Barium	135-1	3.69	3.57	3.37	3.54	4.47	ppb
Barium	137-1	3.57	3.62	3.52	3.57	1.47	ppb
Beryllium	9-1	0.48	0.51	0.45	0.48	5.93	ppb
Bismuth	209-1				77		%
Bismuth	209-2				78		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.59	0.58	0.59	0.59	1.16	ppb
Cadmium	106-1	1.18	0.72	0.88	0.93	25.22	ppb
Cadmium	111-1	0.68	0.60	0.63	0.64	6.31	ppb
Calcium	43-1	497017.76	503770.69	491228.46	497338.97	1.26	ppb
Calcium	44-1	499685.48	508014.50	488854.49	498851.49	1.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.49	2.77	2.45	2.57	6.80	ppb
Cobalt	59-2	3.00	3.11	2.88	3.00	3.84	ppb
Copper	63-2	3.15	3.22	2.92	3.10	4.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				89		%
Holmium	165-2				88		%
Indium	115-1				82		%
Indium	115-2				82		%
Iron	56-2	245556.00	262743.27	239005.42	249101.57	4.92	ppb
Iron	57-2	245633.36	262332.60	238824.45	248930.14	4.86	ppb
Iron	54-2	247161.05	260588.63	238696.81	248815.50	4.44	ppb
Krypton	83-1						cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 13:06:48	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	3.20	3.25	3.08	3.17	2.79	ppb
Lead	207-1	3.14	3.03	3.06	3.08	1.86	ppb
Lead	208-1	3.11	3.11	3.07	3.09	0.76	ppb
Lithium	6-1				86		%
Magnesium	24-2	493007.61	526081.44	477483.56	498857.54	4.98	ppb
Manganese	55-2	6.32	6.56	5.99	6.29	4.59	ppb
Molybdenum	94-1	4.49	4.19	4.14	4.27	4.45	ppb
Molybdenum	95-1	3.53	3.38	3.43	3.45	2.22	ppb
Molybdenum	96-1	6.61	6.55	6.31	6.49	2.46	ppb
Molybdenum	97-1	3.77	3.54	3.38	3.56	5.52	ppb
Molybdenum	98-1	3.46	3.38	3.28	3.38	2.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.27	3.49	3.09	3.28	6.13	ppb
Phosphorus	31-2	4.30	9.58	-1.20	4.23	127.50	ppb
Potassium	39-2	245355.68	263181.05	240186.94	249574.56	4.83	ppb
Rhodium	103-1				77		%
Rhodium	103-2				76		%
Scandium	45-1				88		%
Scandium	45-2				85		%
Selenium	82-1	6.81	6.45	6.68	6.64	2.76	ppb
Selenium	77-2	3.61	4.68	4.92	4.40	15.75	ppb
Selenium	78-2	4.61	6.32	5.30	5.41	15.89	ppb
Silicon	28-1	1.21	1.14	0.93	1.10	13.00	ppb
Silver	107-1	0.38	0.35	0.33	0.35	6.31	ppb
Silver	109-1	0.36	0.34	0.36	0.35	3.70	ppb
Sodium	23-2	493723.96	525072.06	476584.53	498460.18	4.93	ppb
Strontium	86-1	7.03	6.98	6.77	6.92	1.98	ppb
Strontium	88-1	7.01	7.07	6.88	6.99	1.35	ppb
Sulfur	34-1	-325.85	-362.95	-556.25	-415.02		ppb
Terbium	159-1				89		%
Terbium	159-2				88		%
Thallium	203-1	0.35	0.33	0.30	0.33	7.84	ppb
Thallium	205-1	0.34	0.33	0.29	0.32	7.18	ppb
Tin	118-1	0.68	0.64	0.66	0.66	2.84	ppb
Titanium	47-1	2.89	2.82	2.71	2.81	3.24	ppb

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 13:06:48	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.27	0.28	0.27	0.27	1.68	ppb
Vanadium	51-2	0.39	0.34	0.34	0.36	8.50	ppb
Yttrium	89-1				88		%
Yttrium	89-2				86		%
Zinc	66-2	9.19	9.64	8.43	9.09	6.77	ppb
Zirconium	90-1	0.60	0.60	0.59	0.60	0.09	ppb
Zirconium	91-1	0.56	0.67	0.58	0.60	9.68	ppb

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	ICV33	Instrumnet Name :	P7
Client Sample ID :	ICV33	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 13:22:52	DataFile Name :	015ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	525.75	521.77	520.38	522.63	0.53	ppb
Antimony	121-1	206.62	203.57	205.68	205.29	0.76	ppb
Arsenic	75-2	192.65	194.45	194.01	193.70	0.49	ppb
Barium	135-1	102.47	101.95	102.32	102.25	0.26	ppb
Barium	137-1	102.75	101.88	103.17	102.60	0.64	ppb
Beryllium	9-1	96.39	96.56	97.94	96.96	0.88	ppb
Bismuth	209-1				96		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	87.81	89.29	88.94	88.68	0.87	ppb
Cadmium	106-1	87.53	82.60	84.20	84.77	2.97	ppb
Cadmium	111-1	109.72	107.28	107.90	108.30	1.17	ppb
Calcium	43-1	2156.26	2083.84	2088.04	2109.38	1.93	ppb
Calcium	44-1	2142.61	2082.64	2070.39	2098.55	1.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	99.23	98.94	99.51	99.23	0.29	ppb
Cobalt	59-2	101.57	100.42	101.89	101.29	0.76	ppb
Copper	63-2	99.25	98.98	99.62	99.28	0.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				97		%
Indium	115-1				97		%
Indium	115-2				97		%
Iron	56-2	2020.63	1990.55	2006.56	2005.91	0.75	ppb
Iron	57-2	2177.68	2172.37	2185.78	2178.61	0.31	ppb
Iron	54-2	2249.62	2224.55	2247.77	2240.64	0.62	ppb
Krypton	83-1						cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	ICV33	Instrumnet Name :	P7
Client Sample ID :	ICV33	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 13:22:52	DataFile Name :	015ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	199.38	198.80	198.12	198.77	0.32	ppb
Lead	207-1	189.60	190.37	190.04	190.00	0.21	ppb
Lead	208-1	198.07	198.05	198.81	198.31	0.22	ppb
Lithium	6-1				98		%
Magnesium	24-2	1188.10	1188.55	1190.43	1189.02	0.10	ppb
Manganese	55-2	100.19	99.71	100.39	100.10	0.35	ppb
Molybdenum	94-1	0.30	0.27	0.28	0.29	5.94	ppb
Molybdenum	95-1	0.30	0.30	0.31	0.30	2.58	ppb
Molybdenum	96-1	0.33	0.34	0.34	0.34	1.89	ppb
Molybdenum	97-1	0.29	0.29	0.32	0.30	5.61	ppb
Molybdenum	98-1	0.32	0.30	0.29	0.31	4.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	105.19	105.92	105.90	105.67	0.39	ppb
Phosphorus	31-2	-3.51	-10.87	-4.27	-6.22		ppb
Potassium	39-2	2061.60	2052.46	2073.22	2062.42	0.50	ppb
Rhodium	103-1				96		%
Rhodium	103-2				97		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	82-1	215.51	209.43	214.47	213.14	1.53	ppb
Selenium	77-2	192.20	212.31	180.65	195.05	8.21	ppb
Selenium	78-2	202.62	197.97	204.99	201.86	1.77	ppb
Silicon	28-1	0.00	-0.10	-0.09	-0.06		ppb
Silver	107-1	53.97	53.61	54.12	53.90	0.49	ppb
Silver	109-1	56.96	56.67	56.75	56.79	0.27	ppb
Sodium	23-2	2075.68	2065.20	2074.62	2071.83	0.28	ppb
Strontium	86-1	0.23	0.25	0.26	0.25	4.88	ppb
Strontium	88-1	0.27	0.27	0.27	0.27	1.22	ppb
Sulfur	34-1	-50.26	-301.80	-307.58	-219.88		ppb
Terbium	159-1				97		%
Terbium	159-2				98		%
Thallium	203-1	206.36	204.93	206.11	205.80	0.37	ppb
Thallium	205-1	213.56	213.18	211.47	212.74	0.52	ppb
Tin	118-1	0.05	0.10	0.03	0.06	57.87	ppb
Titanium	47-1	0.03	0.04	-0.01	0.02	134.68	ppb

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	ICV33	Instrumnet Name :	P7
Client Sample ID :	ICV33	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 13:22:52	DataFile Name :	015ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	0.49	ppb
Vanadium	51-2	94.37	93.82	95.13	94.44	0.70	ppb
Yttrium	89-1				97		%
Yttrium	89-2				97		%
Zinc	66-2	198.06	194.80	197.87	196.91	0.93	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	1.71	ppb
Zirconium	91-1	0.07	0.07	0.06	0.07	8.50	ppb

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 13:27:28	DataFile Name :	016LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.69	22.56	22.76	22.34	2.53	ppb
Antimony	121-1	2.13	2.21	2.13	2.16	2.20	ppb
Arsenic	75-2	1.06	1.00	1.09	1.05	4.51	ppb
Barium	135-1	9.68	9.87	9.64	9.73	1.26	ppb
Barium	137-1	9.69	9.84	9.81	9.78	0.77	ppb
Beryllium	9-1	1.07	1.01	1.06	1.05	3.16	ppb
Bismuth	209-1				93		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.88	0.92	1.11	0.97	12.70	ppb
Cadmium	106-1	2.32	0.23	0.75	1.10	98.88	ppb
Cadmium	111-1	1.17	1.05	1.23	1.15	8.20	ppb
Calcium	43-1	516.28	506.25	478.80	500.45	3.88	ppb
Calcium	44-1	518.17	513.82	510.60	514.20	0.74	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.15	2.12	2.14	2.13	0.90	ppb
Cobalt	59-2	0.95	1.02	0.98	0.98	3.26	ppb
Copper	63-2	2.06	1.92	2.10	2.03	4.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				96		%
Indium	115-1				94		%
Indium	115-2				98		%
Iron	56-2	55.22	55.62	55.59	55.48	0.40	ppb
Iron	57-2	58.62	60.58	56.74	58.65	3.28	ppb
Iron	54-2	54.81	58.11	57.31	56.75	3.03	ppb
Krypton	83-1						cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 13:27:28	DataFile Name :	016LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.97	0.97	0.98	0.97	0.96	ppb
Lead	207-1	0.96	0.94	0.96	0.95	1.34	ppb
Lead	208-1	0.96	0.97	0.95	0.96	0.90	ppb
Lithium	6-1				99		%
Magnesium	24-2	503.02	500.79	508.79	504.20	0.82	ppb
Manganese	55-2	1.04	1.04	1.04	1.04	0.31	ppb
Molybdenum	94-1	5.99	5.93	5.88	5.93	0.91	ppb
Molybdenum	95-1	5.19	5.11	5.15	5.15	0.83	ppb
Molybdenum	96-1	5.15	5.16	5.15	5.16	0.14	ppb
Molybdenum	97-1	5.16	5.17	5.01	5.11	1.75	ppb
Molybdenum	98-1	5.03	5.24	5.13	5.13	2.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.95	1.00	0.90	0.95	5.06	ppb
Phosphorus	31-2	4.78	5.14	10.39	6.77	46.40	ppb
Potassium	39-2	507.59	510.67	516.35	511.54	0.87	ppb
Rhodium	103-1				94		%
Rhodium	103-2				97		%
Scandium	45-1				96		%
Scandium	45-2				97		%
Selenium	82-1	5.32	5.13	5.15	5.20	2.06	ppb
Selenium	77-2	5.32	3.29	4.50	4.37	23.38	ppb
Selenium	78-2	5.86	4.89	4.67	5.14	12.36	ppb
Silicon	28-1	0.49	0.39	0.40	0.43	13.01	ppb
Silver	107-1	1.07	1.12	1.09	1.09	2.26	ppb
Silver	109-1	1.15	1.18	1.18	1.17	1.57	ppb
Sodium	23-2	522.20	526.71	525.24	524.72	0.44	ppb
Strontium	86-1	1.05	0.98	0.94	0.99	5.34	ppb
Strontium	88-1	1.02	1.01	1.02	1.02	0.56	ppb
Sulfur	34-1	176.07	-138.37	-194.72	-52.34		ppb
Terbium	159-1				93		%
Terbium	159-2				96		%
Thallium	203-1	0.97	0.98	0.91	0.95	3.71	ppb
Thallium	205-1	0.96	0.94	0.91	0.93	2.78	ppb
Tin	118-1	5.14	5.01	5.14	5.10	1.50	ppb
Titanium	47-1	5.13	5.22	5.17	5.18	0.90	ppb

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 13:27:28	DataFile Name :	016LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.87	0.88	0.87	0.87	0.79	ppb
Vanadium	51-2	4.72	4.63	4.66	4.67	0.95	ppb
Yttrium	89-1				95		%
Yttrium	89-2				96		%
Zinc	66-2	2.34	2.13	2.55	2.34	8.95	ppb
Zirconium	90-1	0.93	0.92	0.92	0.92	0.41	ppb
Zirconium	91-1	0.92	0.88	0.90	0.90	2.35	ppb

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	ICB33	Instrumnet Name :	P7
Client Sample ID :	ICB33	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 13:30:44	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.72	-0.62	-0.83	-0.72		ppb
Antimony	121-1	0.05	0.04	0.05	0.05	13.48	ppb
Arsenic	75-2	0.03	-0.01	-0.01	0.01	343.41	ppb
Barium	135-1	0.01	0.00	0.00	0.00	64.69	ppb
Barium	137-1	0.01	0.01	0.00	0.00	89.33	ppb
Beryllium	9-1	0.05	0.05	0.07	0.06	22.50	ppb
Bismuth	209-1				93		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.00	0.11	0.11	0.08	82.94	ppb
Cadmium	106-1	2.31	1.53	0.69	1.51	53.79	ppb
Cadmium	111-1	0.19	0.12	0.06	0.12	53.23	ppb
Calcium	43-1	-1.99	-2.46	-3.07	-2.51		ppb
Calcium	44-1	-3.05	-1.50	-2.09	-2.21		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	0.00	-0.01	0.00	483.57	ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	132.48	ppb
Copper	63-2	-0.02	-0.04	-0.06	-0.04		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				96		%
Indium	115-1				96		%
Indium	115-2				97		%
Iron	56-2	0.37	0.19	0.21	0.26	39.90	ppb
Iron	57-2	0.63	0.77	-0.17	0.41	124.17	ppb
Iron	54-2	-0.19	-0.80	-0.15	-0.38		ppb
Krypton	83-1						cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	ICB33	Instrumnet Name :	P7
Client Sample ID :	ICB33	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 13:30:44	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.03	0.02	0.04	0.03	29.33	ppb
Lead	207-1	0.03	0.02	0.02	0.02	24.20	ppb
Lead	208-1	0.03	0.02	0.03	0.03	5.58	ppb
Lithium	6-1				101		%
Magnesium	24-2	0.43	0.19	0.37	0.33	37.88	ppb
Manganese	55-2	-0.01	0.00	-0.01	-0.01		ppb
Molybdenum	94-1	0.03	0.02	0.04	0.03	32.60	ppb
Molybdenum	95-1	0.02	0.02	0.01	0.01	43.53	ppb
Molybdenum	96-1	0.02	0.01	0.01	0.01	47.64	ppb
Molybdenum	97-1	0.03	0.02	0.02	0.02	36.76	ppb
Molybdenum	98-1	0.01	0.01	0.01	0.01	15.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.10	-0.06	-0.06	-0.07		ppb
Phosphorus	31-2	-3.58	-2.41	-16.47	-7.49		ppb
Potassium	39-2	2.13	2.57	2.10	2.27	11.65	ppb
Rhodium	103-1				96		%
Rhodium	103-2				98		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	82-1	-0.16	-0.03	-0.27	-0.15		ppb
Selenium	77-2	-0.28	-0.28	-0.28	-0.28		ppb
Selenium	78-2	-0.40	-0.24	-0.72	-0.45		ppb
Silicon	28-1	-0.16	-0.22	-0.20	-0.19		ppb
Silver	107-1	0.02	0.02	0.02	0.02	13.04	ppb
Silver	109-1	0.01	0.02	0.01	0.01	3.07	ppb
Sodium	23-2	16.43	16.54	17.06	16.68	2.00	ppb
Strontium	86-1	-0.04	-0.03	-0.04	-0.04		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-129.55	-334.37	-194.45	-219.46		ppb
Terbium	159-1				94		%
Terbium	159-2				97		%
Thallium	203-1	0.02	0.02	0.02	0.02	8.63	ppb
Thallium	205-1	0.02	0.02	0.01	0.02	21.25	ppb
Tin	118-1	0.02	-0.01	0.02	0.01	142.26	ppb
Titanium	47-1	-0.01	-0.04	-0.01	-0.02		ppb

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	ICB33	Instrumnet Name :	P7
Client Sample ID :	ICB33	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 13:30:44	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	53.73	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	89.05	ppb
Yttrium	89-1				96		%
Yttrium	89-2				98		%
Zinc	66-2	-0.06	0.09	0.14	0.06	186.76	ppb
Zirconium	90-1	0.01	0.01	0.00	0.01	23.12	ppb
Zirconium	91-1	0.00	-0.01	0.01	0.00	958.15	ppb

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	ICSA33	Instrumnet Name :	P7
Client Sample ID :	ICSA33	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 13:34:02	DataFile Name :	018ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	95426.45	95227.80	94736.21	95130.16	0.37	ppb
Antimony	121-1	1.17	1.22	1.23	1.21	2.50	ppb
Arsenic	75-2	0.36	0.25	0.42	0.34	25.10	ppb
Barium	135-1	1.44	1.42	1.39	1.42	1.64	ppb
Barium	137-1	1.48	1.45	1.41	1.45	2.36	ppb
Beryllium	9-1	0.42	0.40	0.39	0.41	3.79	ppb
Bismuth	209-1				88		%
Bismuth	209-2				91		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	12.19	11.08	10.62	11.30	7.12	ppb
Cadmium	106-1	0.02	-1.09	-1.96	-1.01		ppb
Cadmium	111-1	0.52	0.32	0.32	0.39	30.89	ppb
Calcium	43-1	96874.30	98547.29	97833.55	97751.71	0.86	ppb
Calcium	44-1	95633.39	96716.78	97111.16	96487.11	0.79	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.29	19.42	19.11	19.27	0.81	ppb
Cobalt	59-2	1.25	1.25	1.29	1.26	1.83	ppb
Copper	63-2	7.25	7.35	7.25	7.28	0.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				96		%
Indium	115-1				91		%
Indium	115-2				92		%
Iron	56-2	101025.94	100861.93	101094.44	100994.10	0.12	ppb
Iron	57-2	100179.94	99016.86	98756.33	99317.71	0.76	ppb
Iron	54-2	101434.16	101394.92	100394.67	101074.59	0.58	ppb
Krypton	83-1						cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	ICSA33	Instrumnet Name :	P7
Client Sample ID :	ICSA33	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 13:34:02	DataFile Name :	018ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4.86	4.46	4.65	4.66	4.29	ppb
Lead	207-1	4.33	4.29	4.26	4.29	0.80	ppb
Lead	208-1	4.50	4.32	4.37	4.40	2.02	ppb
Lithium	6-1				96		%
Magnesium	24-2	91425.28	92033.95	91407.73	91622.32	0.39	ppb
Manganese	55-2	7.89	8.03	7.95	7.95	0.93	ppb
Molybdenum	94-1	1567.97	1576.82	1609.73	1584.84	1.39	ppb
Molybdenum	95-1	1930.47	1941.69	1970.28	1947.48	1.05	ppb
Molybdenum	96-1	1898.67	1924.27	1927.30	1916.75	0.82	ppb
Molybdenum	97-1	1939.61	1956.76	1957.86	1951.41	0.52	ppb
Molybdenum	98-1	1935.54	1941.52	1946.38	1941.15	0.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.26	5.30	4.90	5.15	4.31	ppb
Phosphorus	31-2	94234.09	93859.30	92532.30	93541.90	0.96	ppb
Potassium	39-2	94035.58	95931.77	94475.67	94814.34	1.05	ppb
Rhodium	103-1				87		%
Rhodium	103-2				89		%
Scandium	45-1				94		%
Scandium	45-2				92		%
Selenium	82-1	0.07	0.32	0.18	0.19	65.57	ppb
Selenium	77-2	0.63	-0.28	0.02	0.12	384.28	ppb
Selenium	78-2	-0.64	-0.62	-0.66	-0.64		ppb
Silicon	28-1	0.76	0.82	0.81	0.80	3.75	ppb
Silver	107-1	0.15	0.14	0.13	0.14	8.22	ppb
Silver	109-1	0.06	0.06	0.05	0.06	11.75	ppb
Sodium	23-2	98018.56	98205.21	97675.18	97966.31	0.27	ppb
Strontium	86-1	35.24	36.42	36.04	35.90	1.68	ppb
Strontium	88-1	35.23	36.05	36.06	35.78	1.33	ppb
Sulfur	34-1	99721.91	101271.03	99989.11	100327.35	0.83	ppb
Terbium	159-1				95		%
Terbium	159-2				96		%
Thallium	203-1	0.14	0.14	0.14	0.14	1.49	ppb
Thallium	205-1	0.11	0.14	0.14	0.13	14.46	ppb
Tin	118-1	0.22	0.24	0.16	0.21	19.10	ppb
Titanium	47-1	2094.28	2144.97	2130.53	2123.26	1.23	ppb

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	ICSA33	Instrumnet Name :	P7
Client Sample ID :	ICSA33	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 13:34:02	DataFile Name :	018ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.02	0.02	0.02	3.02	ppb
Vanadium	51-2	0.20	0.19	0.21	0.20	5.39	ppb
Yttrium	89-1				94		%
Yttrium	89-2				94		%
Zinc	66-2	10.66	10.86	10.64	10.72	1.12	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	8.11	ppb
Zirconium	91-1	0.01	0.02	0.01	0.01	72.45	ppb

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	ICSAB33	Instrumnet Name :	P7
Client Sample ID :	ICSAB33	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 13:37:04	DataFile Name :	019ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	92695.78	95542.12	116797.16	101678.35	12.95	ppb
Antimony	121-1	20.95	21.63	21.06	21.21	1.71	ppb
Arsenic	75-2	19.31	19.85	23.88	21.01	11.88	ppb
Barium	135-1	21.28	21.56	21.21	21.35	0.87	ppb
Barium	137-1	21.36	21.37	21.36	21.36	0.04	ppb
Beryllium	9-1	18.13	18.33	18.60	18.35	1.28	ppb
Bismuth	209-1				88		%
Bismuth	209-2				85		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	26.06	25.64	27.37	26.36	3.44	ppb
Cadmium	106-1	15.27	12.36	14.33	13.99	10.63	ppb
Cadmium	111-1	20.29	20.49	19.98	20.25	1.27	ppb
Calcium	43-1	101157.70	100389.79	98199.73	99915.74	1.54	ppb
Calcium	44-1	98106.06	98209.22	97214.58	97843.29	0.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	38.78	40.24	47.47	42.16	11.03	ppb
Cobalt	59-2	20.64	21.24	25.77	22.55	12.44	ppb
Copper	63-2	26.44	26.57	32.63	28.54	12.39	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				98		%
Holmium	165-2				90		%
Indium	115-1				93		%
Indium	115-2				85		%
Iron	56-2	100748.96	102946.92	124991.41	109562.43	12.24	ppb
Iron	57-2	99689.48	101565.55	124056.65	108437.23	12.50	ppb
Iron	54-2	101031.12	102951.12	124885.81	109622.68	12.09	ppb
Krypton	83-1						cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	ICSAB33	Instrumnet Name :	P7
Client Sample ID :	ICSAB33	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 13:37:04	DataFile Name :	019ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	27.45	27.93	27.53	27.64	0.92	ppb
Lead	207-1	26.50	26.94	26.24	26.56	1.33	ppb
Lead	208-1	26.71	27.13	26.87	26.90	0.80	ppb
Lithium	6-1				95		%
Magnesium	24-2	90077.67	93089.03	114600.52	99255.74	13.47	ppb
Manganese	55-2	28.00	28.09	34.00	30.03	11.45	ppb
Molybdenum	94-1	1578.32	1597.97	1596.32	1590.87	0.69	ppb
Molybdenum	95-1	1933.40	1955.82	1952.50	1947.24	0.62	ppb
Molybdenum	96-1	1884.88	1919.63	1881.15	1895.22	1.12	ppb
Molybdenum	97-1	1948.21	1993.05	1932.58	1957.95	1.60	ppb
Molybdenum	98-1	1965.49	1969.13	1953.32	1962.65	0.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	23.99	24.85	29.02	25.96	10.37	ppb
Phosphorus	31-2	93168.14	96463.01	115738.64	101789.93	11.98	ppb
Potassium	39-2	94051.08	97082.71	117052.63	102728.81	12.17	ppb
Rhodium	103-1				88		%
Rhodium	103-2				84		%
Scandium	45-1				94		%
Scandium	45-2				87		%
Selenium	82-1	19.49	20.72	20.43	20.21	3.18	ppb
Selenium	77-2	21.33	20.53	22.34	21.40	4.24	ppb
Selenium	78-2	17.51	18.75	20.77	19.01	8.65	ppb
Silicon	28-1	0.90	0.87	0.90	0.89	1.71	ppb
Silver	107-1	19.32	19.58	19.39	19.43	0.68	ppb
Silver	109-1	19.99	20.60	20.39	20.33	1.51	ppb
Sodium	23-2	97021.80	99172.62	122594.01	106262.81	13.35	ppb
Strontium	86-1	35.30	36.12	35.49	35.64	1.19	ppb
Strontium	88-1	35.44	35.89	35.73	35.69	0.63	ppb
Sulfur	34-1	99836.50	99402.89	99172.13	99470.50	0.34	ppb
Terbium	159-1				98		%
Terbium	159-2				90		%
Thallium	203-1	22.24	22.19	22.06	22.16	0.42	ppb
Thallium	205-1	22.05	21.94	21.78	21.92	0.63	ppb
Tin	118-1	0.12	0.12	0.08	0.11	19.54	ppb
Titanium	47-1	2144.83	2149.40	2096.63	2130.29	1.37	ppb

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	ICSAB33	Instrumnet Name :	P7
Client Sample ID :	ICSAB33	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 13:37:04	DataFile Name :	019ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.02	0.02	0.02	5.77	ppb
Vanadium	51-2	19.42	19.92	23.75	21.03	11.26	ppb
Yttrium	89-1				96		%
Yttrium	89-2				88		%
Zinc	66-2	30.73	30.31	36.98	32.68	11.42	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	17.27	ppb
Zirconium	91-1	0.03	0.03	0.00	0.02	71.12	ppb

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	CCV55	Instrumnet Name :	P7
Client Sample ID :	CCV55	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 13:40:34	DataFile Name :	020CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50929.02	51346.56	51980.82	51418.80	1.03	ppb
Antimony	121-1	459.87	525.81	518.23	501.30	7.20	ppb
Arsenic	75-2	468.60	484.40	480.64	477.88	1.73	ppb
Barium	135-1	2348.65	2694.20	2645.42	2562.76	7.30	ppb
Barium	137-1	2338.86	2678.61	2637.43	2551.63	7.27	ppb
Beryllium	9-1	474.83	536.23	549.41	520.16	7.65	ppb
Bismuth	209-1				88		%
Bismuth	209-2				87		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	468.43	535.63	529.55	511.20	7.27	ppb
Cadmium	106-1	462.09	537.21	521.21	506.84	7.81	ppb
Cadmium	111-1	469.46	543.25	536.01	516.24	7.88	ppb
Calcium	43-1	231219.59	266384.21	262948.14	253517.31	7.65	ppb
Calcium	44-1	231839.47	263562.95	262006.87	252469.76	7.08	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	481.93	486.03	488.43	485.46	0.68	ppb
Cobalt	59-2	476.45	490.35	481.55	482.78	1.46	ppb
Copper	63-2	4800.79	4845.35	4913.32	4853.15	1.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				94		%
Indium	115-1				92		%
Indium	115-2				90		%
Iron	56-2	128381.21	129356.66	130958.44	129565.43	1.00	ppb
Iron	57-2	129162.15	129740.40	130058.62	129653.72	0.35	ppb
Iron	54-2	128032.91	130271.12	130457.83	129587.29	1.04	ppb
Krypton	83-1						cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	CCV55	Instrumnet Name :	P7
Client Sample ID :	CCV55	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 13:40:34	DataFile Name :	020CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2388.98	2676.84	2703.09	2589.64	6.73	ppb
Lead	207-1	2388.77	2736.09	2711.11	2611.99	7.42	ppb
Lead	208-1	2395.24	2720.83	2706.53	2607.54	7.06	ppb
Lithium	6-1				95		%
Magnesium	24-2	255242.57	256255.93	258760.73	256753.08	0.71	ppb
Manganese	55-2	4769.42	4815.93	4922.71	4836.02	1.63	ppb
Molybdenum	94-1	4695.66	5330.57	5278.27	5101.50	6.91	ppb
Molybdenum	95-1	4619.35	5250.35	5310.90	5060.20	7.57	ppb
Molybdenum	96-1	4607.86	5241.82	5301.58	5050.42	7.61	ppb
Molybdenum	97-1	4592.03	5190.39	5312.51	5031.64	7.66	ppb
Molybdenum	98-1	4648.57	5216.82	5226.70	5030.70	6.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	468.37	472.31	476.39	472.36	0.85	ppb
Phosphorus	31-2	9734.03	9716.80	9819.41	9756.75	0.56	ppb
Potassium	39-2	125833.24	128878.36	127624.07	127445.22	1.20	ppb
Rhodium	103-1				87		%
Rhodium	103-2				86		%
Scandium	45-1				99		%
Scandium	45-2				93		%
Selenium	82-1	447.31	504.30	503.41	485.01	6.73	ppb
Selenium	77-2	465.92	459.66	475.97	467.18	1.76	ppb
Selenium	78-2	450.48	473.03	471.95	465.15	2.73	ppb
Silicon	28-1	463.22	528.56	525.14	505.64	7.27	ppb
Silver	107-1	451.27	507.80	509.41	489.49	6.76	ppb
Silver	109-1	445.97	506.18	509.46	487.20	7.34	ppb
Sodium	23-2	253095.49	256664.86	258150.58	255970.31	1.02	ppb
Strontium	86-1	11747.93	13320.85	13216.79	12761.85	6.89	ppb
Strontium	88-1	11666.22	13279.02	13158.65	12701.29	7.07	ppb
Sulfur	34-1	8239.94	10268.37	10296.30	9601.54	12.28	ppb
Terbium	159-1				98		%
Terbium	159-2				95		%
Thallium	203-1	489.27	547.62	555.30	530.73	6.80	ppb
Thallium	205-1	475.02	539.26	543.77	519.35	7.40	ppb
Tin	118-1	465.24	531.17	526.60	507.67	7.25	ppb
Titanium	47-1	4626.04	5297.82	5294.15	5072.67	7.63	ppb

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	CCV55	Instrumnet Name :	P7
Client Sample ID :	CCV55	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 13:40:34	DataFile Name :	020CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	507.15	571.11	573.26	550.50	6.82	ppb
Vanadium	51-2	502.37	502.61	505.43	503.47	0.34	ppb
Yttrium	89-1				99		%
Yttrium	89-2				94		%
Zinc	66-2	4722.15	4784.54	4827.41	4778.03	1.11	ppb
Zirconium	90-1	473.14	538.52	531.78	514.48	6.99	ppb
Zirconium	91-1	472.83	531.36	531.16	511.79	6.59	ppb

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	CCB55	Instrumnet Name :	P7
Client Sample ID :	CCB55	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 13:46:58	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.62	1.54	1.47	1.55	4.82	ppb
Antimony	121-1	0.12	0.15	0.14	0.14	10.11	ppb
Arsenic	75-2	0.04	0.04	0.01	0.03	52.51	ppb
Barium	135-1	0.16	0.13	0.12	0.14	15.48	ppb
Barium	137-1	0.15	0.16	0.15	0.15	4.00	ppb
Beryllium	9-1	0.09	0.09	0.09	0.09	2.89	ppb
Bismuth	209-1				94		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.13	0.09	0.05	0.09	48.83	ppb
Cadmium	106-1	-1.16	-0.08	-0.37	-0.54		ppb
Cadmium	111-1	-0.06	0.03	0.02	-0.01		ppb
Calcium	43-1	13.99	13.54	9.12	12.22	22.04	ppb
Calcium	44-1	16.75	15.25	15.02	15.67	6.02	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.05	0.03	-0.01	0.02	133.75	ppb
Cobalt	59-2	0.02	0.02	0.01	0.02	30.05	ppb
Copper	63-2	0.25	0.23	0.20	0.23	9.22	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				97		%
Holmium	165-2				97		%
Indium	115-1				97		%
Indium	115-2				99		%
Iron	56-2	7.69	6.70	6.04	6.81	12.19	ppb
Iron	57-2	7.27	3.81	5.17	5.42	32.21	ppb
Iron	54-2	6.08	5.71	4.63	5.47	13.77	ppb
Krypton	83-1						cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	CCB55	Instrumnet Name :	P7
Client Sample ID :	CCB55	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 13:46:58	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.19	0.17	0.18	0.18	5.62	ppb
Lead	207-1	0.20	0.20	0.19	0.20	3.41	ppb
Lead	208-1	0.20	0.19	0.18	0.19	5.13	ppb
Lithium	6-1				97		%
Magnesium	24-2	12.30	10.89	9.30	10.83	13.83	ppb
Manganese	55-2	0.21	0.16	0.17	0.18	16.50	ppb
Molybdenum	94-1	0.41	0.39	0.43	0.41	4.64	ppb
Molybdenum	95-1	0.39	0.41	0.38	0.39	3.72	ppb
Molybdenum	96-1	0.39	0.35	0.36	0.36	5.42	ppb
Molybdenum	97-1	0.42	0.37	0.31	0.37	15.84	ppb
Molybdenum	98-1	0.40	0.38	0.36	0.38	5.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.01	-0.05	-0.03		ppb
Phosphorus	31-2	-8.68	-8.19	-4.95	-7.27		ppb
Potassium	39-2	15.42	11.51	7.93	11.62	32.22	ppb
Rhodium	103-1				96		%
Rhodium	103-2				99		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	82-1	-0.46	0.01	-0.23	-0.23		ppb
Selenium	77-2	-0.28	-0.28	-0.28	-0.28		ppb
Selenium	78-2	0.08	0.16	-0.14	0.03	499.68	ppb
Silicon	28-1	-0.18	-0.18	-0.16	-0.18		ppb
Silver	107-1	0.05	0.04	0.05	0.05	10.12	ppb
Silver	109-1	0.04	0.05	0.04	0.04	14.30	ppb
Sodium	23-2	50.50	48.91	46.82	48.75	3.79	ppb
Strontium	86-1	0.70	0.78	0.66	0.71	9.18	ppb
Strontium	88-1	0.77	0.74	0.69	0.73	5.67	ppb
Sulfur	34-1	-370.26	-341.58	-357.77	-356.54		ppb
Terbium	159-1				96		%
Terbium	159-2				98		%
Thallium	203-1	0.05	0.05	0.06	0.05	10.95	ppb
Thallium	205-1	0.05	0.06	0.05	0.05	5.40	ppb
Tin	118-1	0.05	0.03	0.03	0.04	31.92	ppb
Titanium	47-1	0.28	0.41	0.27	0.32	24.47	ppb

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	CCB55	Instrumnet Name :	P7
Client Sample ID :	CCB55	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 13:46:58	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.03	0.03	0.03	0.03	2.66	ppb
Vanadium	51-2	0.02	0.01	0.02	0.02	23.07	ppb
Yttrium	89-1				97		%
Yttrium	89-2				98		%
Zinc	66-2	0.44	0.33	0.18	0.32	41.39	ppb
Zirconium	90-1	0.05	0.05	0.06	0.05	5.12	ppb
Zirconium	91-1	0.05	0.06	0.05	0.05	8.53	ppb

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 13:50:13	DataFile Name :	022LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.71	23.31	23.25	22.76	3.99	ppb
Antimony	121-1	2.05	2.05	2.05	2.05	0.10	ppb
Arsenic	75-2	0.97	0.98	1.13	1.03	8.68	ppb
Barium	135-1	9.80	9.83	9.83	9.82	0.21	ppb
Barium	137-1	9.85	9.88	9.82	9.85	0.32	ppb
Beryllium	9-1	1.05	1.08	0.96	1.03	6.07	ppb
Bismuth	209-1				94		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.01	1.18	0.88	1.02	15.18	ppb
Cadmium	106-1	0.67	1.60	1.45	1.24	40.08	ppb
Cadmium	111-1	1.10	1.11	1.08	1.10	1.79	ppb
Calcium	43-1	499.40	499.78	509.83	503.00	1.18	ppb
Calcium	44-1	510.53	513.91	516.20	513.55	0.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.10	2.06	2.09	2.08	0.89	ppb
Cobalt	59-2	0.95	0.92	0.98	0.95	3.17	ppb
Copper	63-2	2.09	2.11	1.95	2.05	4.22	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				97		%
Holmium	165-2				94		%
Indium	115-1				97		%
Indium	115-2				98		%
Iron	56-2	56.53	57.27	57.73	57.18	1.06	ppb
Iron	57-2	59.14	59.65	57.46	58.75	1.95	ppb
Iron	54-2	57.73	55.85	55.00	56.19	2.49	ppb
Krypton	83-1						cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 13:50:13	DataFile Name :	022LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.94	0.99	0.96	0.97	2.62	ppb
Lead	207-1	0.96	1.00	0.96	0.97	2.36	ppb
Lead	208-1	0.95	0.99	0.97	0.97	2.12	ppb
Lithium	6-1				98		%
Magnesium	24-2	508.49	511.37	509.41	509.75	0.29	ppb
Manganese	55-2	0.98	1.10	1.07	1.05	5.73	ppb
Molybdenum	94-1	5.92	6.01	5.85	5.93	1.38	ppb
Molybdenum	95-1	5.07	5.20	5.10	5.12	1.36	ppb
Molybdenum	96-1	5.05	5.24	5.23	5.17	2.03	ppb
Molybdenum	97-1	5.10	5.11	5.13	5.11	0.34	ppb
Molybdenum	98-1	5.14	5.15	5.25	5.18	1.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.00	1.01	1.06	1.02	3.50	ppb
Phosphorus	31-2	12.39	16.75	13.19	14.11	16.44	ppb
Potassium	39-2	512.39	523.70	524.35	520.15	1.29	ppb
Rhodium	103-1				96		%
Rhodium	103-2				98		%
Scandium	45-1				98		%
Scandium	45-2				96		%
Selenium	82-1	4.48	4.94	4.66	4.69	4.94	ppb
Selenium	77-2	5.11	4.19	3.55	4.28	18.26	ppb
Selenium	78-2	5.05	3.21	5.61	4.62	27.07	ppb
Silicon	28-1	0.36	0.38	0.42	0.39	7.50	ppb
Silver	107-1	1.11	1.11	1.13	1.11	1.33	ppb
Silver	109-1	1.08	1.11	1.12	1.11	1.70	ppb
Sodium	23-2	538.83	544.41	542.13	541.79	0.52	ppb
Strontium	86-1	1.09	1.12	1.01	1.08	5.03	ppb
Strontium	88-1	1.11	1.09	1.09	1.10	0.97	ppb
Sulfur	34-1	-274.63	-352.16	-360.58	-329.12		ppb
Terbium	159-1				96		%
Terbium	159-2				95		%
Thallium	203-1	0.98	0.96	0.91	0.95	3.66	ppb
Thallium	205-1	0.92	0.93	0.95	0.93	1.34	ppb
Tin	118-1	5.14	5.20	5.04	5.13	1.55	ppb
Titanium	47-1	5.24	5.12	5.24	5.20	1.33	ppb

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 13:50:13	DataFile Name :	022LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.88	0.92	0.90	0.90	2.24	ppb
Vanadium	51-2	4.81	4.72	4.68	4.74	1.40	ppb
Yttrium	89-1				98		%
Yttrium	89-2				96		%
Zinc	66-2	2.29	2.41	2.31	2.34	2.93	ppb
Zirconium	90-1	0.90	0.96	0.93	0.93	3.49	ppb
Zirconium	91-1	0.89	0.96	0.87	0.91	5.32	ppb

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	PB155984BL	Instrumnet Name :	P7
Client Sample ID :	PB155984BL	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 13:53:31	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.56	-0.69	-0.72	-0.66		ppb
Antimony	121-1	0.02	0.02	0.04	0.03	37.11	ppb
Arsenic	75-2	-0.01	0.02	-0.01	0.00	507.71	ppb
Barium	135-1	0.02	0.01	0.01	0.01	61.84	ppb
Barium	137-1	0.01	0.01	0.02	0.01	17.65	ppb
Beryllium	9-1	0.04	0.02	0.02	0.03	31.35	ppb
Bismuth	209-1				91		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.05	0.06	0.03	0.05	37.42	ppb
Cadmium	106-1	0.96	-0.81	1.99	0.71	197.98	ppb
Cadmium	111-1	0.09	-0.07	0.16	0.06	201.50	ppb
Calcium	43-1	-2.40	-7.45	-2.45	-4.10		ppb
Calcium	44-1	-3.98	-3.66	0.33	-2.44		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.04	-0.03	0.03	0.01	299.65	ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	82.32	ppb
Copper	63-2	0.04	0.05	0.01	0.03	54.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				97		%
Indium	115-1				96		%
Indium	115-2				99		%
Iron	56-2	1.47	0.87	0.69	1.01	40.42	ppb
Iron	57-2	-0.51	0.70	0.17	0.12	498.97	ppb
Iron	54-2	-0.65	0.37	-0.11	-0.13		ppb
Krypton	83-1						cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	PB155984BL	Instrumnet Name :	P7
Client Sample ID :	PB155984BL	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 13:53:31	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.03	0.03	0.04	0.03	14.93	ppb
Lead	207-1	0.04	0.06	0.03	0.04	34.50	ppb
Lead	208-1	0.04	0.04	0.04	0.04	6.68	ppb
Lithium	6-1				96		%
Magnesium	24-2	0.85	0.70	1.01	0.85	18.25	ppb
Manganese	55-2	0.01	0.00	-0.01	0.00		ppb
Molybdenum	94-1	0.08	0.04	0.05	0.06	33.20	ppb
Molybdenum	95-1	0.05	0.06	0.03	0.05	27.11	ppb
Molybdenum	96-1	0.04	0.04	0.03	0.04	4.59	ppb
Molybdenum	97-1	0.04	0.05	0.06	0.05	27.20	ppb
Molybdenum	98-1	0.03	0.03	0.03	0.03	13.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.06	-0.10	-0.06		ppb
Phosphorus	31-2	-7.18	-8.55	-5.88	-7.20		ppb
Potassium	39-2	7.43	8.42	3.80	6.55	37.14	ppb
Rhodium	103-1				96		%
Rhodium	103-2				100		%
Scandium	45-1				97		%
Scandium	45-2				99		%
Selenium	82-1	-0.19	-0.34	-0.29	-0.28		ppb
Selenium	77-2	-0.28	-0.28	-0.28	-0.28		ppb
Selenium	78-2	-0.05	0.05	-1.30	-0.43		ppb
Silicon	28-1	-0.22	-0.23	-0.06	-0.17		ppb
Silver	107-1	0.02	0.02	0.01	0.02	14.42	ppb
Silver	109-1	0.02	0.01	0.02	0.01	21.25	ppb
Sodium	23-2	26.26	25.30	24.49	25.35	3.50	ppb
Strontium	86-1	0.00	-0.01	0.01	0.00		ppb
Strontium	88-1	0.02	0.01	0.02	0.02	16.34	ppb
Sulfur	34-1	-227.19	-394.54	172.28	-149.82		ppb
Terbium	159-1				94		%
Terbium	159-2				96		%
Thallium	203-1	0.03	0.02	0.02	0.02	19.34	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	7.14	ppb
Tin	118-1	0.05	-0.02	0.01	0.01	345.97	ppb
Titanium	47-1	0.02	0.01	0.01	0.01	69.84	ppb

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	PB155984BL	Instrumnet Name :	P7
Client Sample ID :	PB155984BL	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 13:53:31	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	34.83	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	33.35	ppb
Yttrium	89-1				97		%
Yttrium	89-2				99		%
Zinc	66-2	-0.23	0.02	-0.06	-0.09		ppb
Zirconium	90-1	0.01	0.01	0.00	0.01	21.11	ppb
Zirconium	91-1	0.00	0.00	0.02	0.01	114.42	ppb

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	PB155984BS	Instrumnet Name :	P7
Client Sample ID :	PB155984BS	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 13:56:46	DataFile Name :	024LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10327.71	10305.94	10359.39	10331.01	0.26	ppb
Antimony	121-1	523.80	533.17	534.31	530.43	1.09	ppb
Arsenic	75-2	484.10	487.50	488.16	486.58	0.45	ppb
Barium	135-1	2617.27	2613.84	2582.80	2604.64	0.73	ppb
Barium	137-1	2614.73	2560.74	2629.60	2601.69	1.39	ppb
Beryllium	9-1	517.49	536.43	543.03	532.32	2.49	ppb
Bismuth	209-1				92		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	531.81	532.12	528.28	530.74	0.40	ppb
Cadmium	106-1	535.93	529.84	529.63	531.80	0.67	ppb
Cadmium	111-1	542.92	536.51	546.83	542.09	0.96	ppb
Calcium	43-1	55598.91	56734.24	58485.05	56939.40	2.55	ppb
Calcium	44-1	52934.60	53982.47	54649.01	53855.36	1.60	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	486.75	483.12	480.50	483.46	0.65	ppb
Cobalt	59-2	493.98	483.74	491.73	489.82	1.10	ppb
Copper	63-2	4907.35	4914.03	4853.75	4891.71	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				97		%
Holmium	165-2				95		%
Indium	115-1				94		%
Indium	115-2				94		%
Iron	56-2	25971.10	26396.32	26339.34	26235.59	0.88	ppb
Iron	57-2	26343.22	26284.47	26528.12	26385.27	0.48	ppb
Iron	54-2	26633.08	26416.94	26541.04	26530.35	0.41	ppb
Krypton	83-1						cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	PB155984BS	Instrumnet Name :	P7
Client Sample ID :	PB155984BS	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 13:56:46	DataFile Name :	024LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2507.17	2590.07	2548.40	2548.55	1.63	ppb
Lead	207-1	2545.02	2626.47	2595.95	2589.15	1.59	ppb
Lead	208-1	2539.03	2618.65	2584.58	2580.75	1.55	ppb
Lithium	6-1				98		%
Magnesium	24-2	51324.47	51082.74	50923.48	51110.23	0.40	ppb
Manganese	55-2	4865.85	4921.36	4875.95	4887.72	0.60	ppb
Molybdenum	94-1	5078.80	5180.87	5141.83	5133.83	1.00	ppb
Molybdenum	95-1	5033.68	5131.29	5154.12	5106.37	1.25	ppb
Molybdenum	96-1	5022.78	5138.46	5154.43	5105.22	1.41	ppb
Molybdenum	97-1	5078.22	5141.43	5133.17	5117.61	0.67	ppb
Molybdenum	98-1	5055.28	5130.06	5077.36	5087.56	0.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	490.50	490.00	489.03	489.84	0.15	ppb
Phosphorus	31-2	9844.85	9811.67	9715.16	9790.56	0.69	ppb
Potassium	39-2	25436.84	25284.79	24786.85	25169.49	1.35	ppb
Rhodium	103-1				92		%
Rhodium	103-2				93		%
Scandium	45-1				99		%
Scandium	45-2				96		%
Selenium	82-1	516.36	524.68	517.72	519.59	0.86	ppb
Selenium	77-2	485.24	484.55	491.44	487.08	0.78	ppb
Selenium	78-2	478.28	497.50	487.61	487.80	1.97	ppb
Silicon	28-1	512.64	525.57	529.17	522.46	1.66	ppb
Silver	107-1	531.24	531.61	531.35	531.40	0.04	ppb
Silver	109-1	528.94	530.11	531.73	530.26	0.26	ppb
Sodium	23-2	52159.11	51454.00	51278.51	51630.54	0.90	ppb
Strontium	86-1	12862.25	13173.04	13045.58	13026.96	1.20	ppb
Strontium	88-1	12691.91	13077.00	13054.35	12941.08	1.67	ppb
Sulfur	34-1	10080.37	10069.48	10137.96	10095.94	0.36	ppb
Terbium	159-1				97		%
Terbium	159-2				95		%
Thallium	203-1	503.30	521.10	511.44	511.95	1.74	ppb
Thallium	205-1	494.40	514.35	503.36	504.04	1.98	ppb
Tin	118-1	528.62	529.17	533.71	530.50	0.53	ppb
Titanium	47-1	5114.34	5199.00	5214.49	5175.94	1.04	ppb

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	PB155984BS	Instrumnet Name :	P7
Client Sample ID :	PB155984BS	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 13:56:46	DataFile Name :	024LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	502.74	522.38	510.67	511.93	1.93	ppb
Vanadium	51-2	498.88	495.03	495.23	496.38	0.44	ppb
Yttrium	89-1				98		%
Yttrium	89-2				96		%
Zinc	66-2	4929.19	4831.40	4830.38	4863.65	1.17	ppb
Zirconium	90-1	515.81	517.94	519.23	517.66	0.33	ppb
Zirconium	91-1	509.77	512.86	514.47	512.37	0.47	ppb

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	O4627-02DLX5	Instrumnet Name :	P7
Client Sample ID :	280-300FB-BACKFILL-0'	Dilution Factor :	5
Date & Time Acquired :	2023-10-04 14:13:32	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.21	15.13	16.40	16.25	6.43	ppb
Antimony	121-1	0.09	0.11	0.12	0.11	11.66	ppb
Arsenic	75-2	0.16	0.17	0.15	0.16	6.01	ppb
Barium	135-1	20.95	21.35	21.89	21.40	2.21	ppb
Barium	137-1	20.69	21.73	21.58	21.33	2.63	ppb
Beryllium	9-1	0.08	0.02	0.06	0.05	52.50	ppb
Bismuth	209-1				90		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.13	0.22	0.33	0.23	43.81	ppb
Cadmium	106-1	-0.63	-0.98	-1.57	-1.06		ppb
Cadmium	111-1	0.10	0.04	-0.01	0.04	139.34	ppb
Calcium	43-1	147531.80	157017.74	150500.41	151683.32	3.20	ppb
Calcium	44-1	147696.52	155062.66	152481.75	151746.98	2.46	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.13	0.13	0.13	0.13	0.92	ppb
Cobalt	59-2	21.09	21.44	20.93	21.15	1.24	ppb
Copper	63-2	0.83	0.84	0.82	0.83	1.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				95		%
Indium	115-1				97		%
Indium	115-2				96		%
Iron	56-2	12803.37	12968.70	12767.94	12846.67	0.83	ppb
Iron	57-2	14565.01	14700.57	14505.12	14590.23	0.69	ppb
Iron	54-2	13139.58	12912.40	12888.02	12980.00	1.07	ppb
Krypton	83-1						cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	O4627-02DLX5	Instrumnet Name :	P7
Client Sample ID :	280-300FB-BACKFILL-0'	Dilution Factor :	5
Date & Time Acquired :	2023-10-04 14:13:32	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.08	0.07	0.08	0.08	2.69	ppb
Lead	207-1	0.09	0.08	0.06	0.08	19.07	ppb
Lead	208-1	0.08	0.08	0.07	0.08	6.50	ppb
Lithium	6-1				94		%
Magnesium	24-2	7443.85	7435.77	7429.15	7436.25	0.10	ppb
Manganese	55-2	4480.03	4470.76	4450.62	4467.14	0.34	ppb
Molybdenum	94-1	0.29	0.26	0.31	0.29	8.03	ppb
Molybdenum	95-1	0.30	0.36	0.35	0.34	8.69	ppb
Molybdenum	96-1	0.34	0.36	0.35	0.35	2.99	ppb
Molybdenum	97-1	0.22	0.20	0.18	0.20	11.63	ppb
Molybdenum	98-1	0.19	0.18	0.15	0.18	10.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.56	4.87	4.56	4.66	3.92	ppb
Phosphorus	31-2	-5.37	-5.99	-15.16	-8.84		ppb
Potassium	39-2	612.26	609.39	611.03	610.89	0.24	ppb
Rhodium	103-1				93		%
Rhodium	103-2				95		%
Scandium	45-1				98		%
Scandium	45-2				95		%
Selenium	82-1	0.49	0.37	0.47	0.44	15.12	ppb
Selenium	77-2	0.31	0.01	0.89	0.40	111.80	ppb
Selenium	78-2	0.72	-0.44	-0.87	-0.20		ppb
Silicon	28-1	165.74	177.60	176.26	173.20	3.75	ppb
Silver	107-1	0.69	0.69	0.69	0.69	0.41	ppb
Silver	109-1	0.01	0.01	0.01	0.01	11.24	ppb
Sodium	23-2	11515.12	11500.46	11602.08	11539.22	0.48	ppb
Strontium	86-1	268.51	278.28	276.57	274.46	1.90	ppb
Strontium	88-1	264.08	268.35	268.84	267.09	0.98	ppb
Sulfur	34-1	115192.95	121841.88	117729.92	118254.92	2.84	ppb
Terbium	159-1				96		%
Terbium	159-2				95		%
Thallium	203-1	0.01	0.01	0.01	0.01	17.52	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	9.14	ppb
Tin	118-1	0.08	0.09	0.04	0.07	36.04	ppb
Titanium	47-1	0.57	0.52	0.64	0.58	10.24	ppb

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	O4627-02DLX5	Instrumnet Name :	P7
Client Sample ID :	280-300FB-BACKFILL-0'	Dilution Factor :	5
Date & Time Acquired :	2023-10-04 14:13:32	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.49	0.50	0.49	0.50	1.19	ppb
Vanadium	51-2	0.20	0.21	0.20	0.20	3.33	ppb
Yttrium	89-1				100		%
Yttrium	89-2				97		%
Zinc	66-2	133.48	132.21	133.75	133.15	0.62	ppb
Zirconium	90-1	0.05	0.06	0.06	0.06	6.59	ppb
Zirconium	91-1	0.04	0.05	0.07	0.05	27.84	ppb

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	O4627-04DLX5	Instrumnet Name :	P7
Client Sample ID :	280-300FB-BACKFILL-02	Dilution Factor :	5
Date & Time Acquired :	2023-10-04 14:16:39	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.06	7.82	8.45	8.45	7.34	ppb
Antimony	121-1	0.03	0.04	0.04	0.04	8.28	ppb
Arsenic	75-2	0.14	0.07	0.14	0.12	34.10	ppb
Barium	135-1	20.80	21.38	21.14	21.11	1.39	ppb
Barium	137-1	21.12	21.46	20.98	21.19	1.15	ppb
Beryllium	9-1	0.05	0.04	0.02	0.04	38.54	ppb
Bismuth	209-1				92		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.22	0.30	0.09	0.20	53.61	ppb
Cadmium	106-1	-0.19	0.21	0.54	0.19	194.72	ppb
Cadmium	111-1	0.09	0.14	0.17	0.13	30.90	ppb
Calcium	43-1	154065.21	153834.69	155784.94	154561.61	0.69	ppb
Calcium	44-1	153290.14	154657.90	153553.00	153833.68	0.47	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	-0.05	0.02	-0.01		ppb
Cobalt	59-2	20.35	20.48	20.25	20.36	0.57	ppb
Copper	63-2	0.62	0.68	0.61	0.63	5.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				96		%
Indium	115-1				97		%
Indium	115-2				97		%
Iron	56-2	8143.62	8175.11	8309.85	8209.53	1.08	ppb
Iron	57-2	9578.77	9650.00	9621.17	9616.65	0.37	ppb
Iron	54-2	8751.82	8882.76	8841.71	8825.43	0.76	ppb
Krypton	83-1						cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	O4627-04DLX5	Instrumnet Name :	P7
Client Sample ID :	280-300FB-BACKFILL-02	Dilution Factor :	5
Date & Time Acquired :	2023-10-04 14:16:39	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.04	0.04	0.06	0.05	20.50	ppb
Lead	207-1	0.05	0.04	0.04	0.04	6.09	ppb
Lead	208-1	0.04	0.04	0.05	0.04	6.84	ppb
Lithium	6-1				92		%
Magnesium	24-2	7403.81	7427.56	7394.59	7408.66	0.23	ppb
Manganese	55-2	4384.00	4447.43	4424.68	4418.70	0.73	ppb
Molybdenum	94-1	0.20	0.13	0.18	0.17	23.48	ppb
Molybdenum	95-1	0.33	0.29	0.31	0.31	6.57	ppb
Molybdenum	96-1	0.26	0.28	0.24	0.26	8.72	ppb
Molybdenum	97-1	0.16	0.15	0.16	0.15	4.39	ppb
Molybdenum	98-1	0.15	0.15	0.15	0.15	1.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.45	4.42	4.42	4.43	0.40	ppb
Phosphorus	31-2	-13.53	-7.33	-4.10	-8.32		ppb
Potassium	39-2	609.08	610.88	614.09	611.35	0.42	ppb
Rhodium	103-1				94		%
Rhodium	103-2				96		%
Scandium	45-1				98		%
Scandium	45-2				96		%
Selenium	82-1	0.48	0.05	0.89	0.48	88.84	ppb
Selenium	77-2	0.01	0.01	0.01	0.01	23.75	ppb
Selenium	78-2	0.48	-0.12	-0.36	0.00	19726.00	ppb
Silicon	28-1	165.04	166.68	165.00	165.57	0.58	ppb
Silver	107-1	0.69	0.70	0.71	0.70	1.18	ppb
Silver	109-1	0.01	0.00	0.01	0.00	54.33	ppb
Sodium	23-2	12559.61	12560.86	12318.23	12479.57	1.12	ppb
Strontium	86-1	282.75	283.95	285.69	284.13	0.52	ppb
Strontium	88-1	277.89	276.61	282.78	279.10	1.17	ppb
Sulfur	34-1	116562.41	117276.86	116050.99	116630.09	0.53	ppb
Terbium	159-1				97		%
Terbium	159-2				96		%
Thallium	203-1	0.01	0.01	0.01	0.01	19.06	ppb
Thallium	205-1	0.00	0.01	0.00	0.01	41.78	ppb
Tin	118-1	0.07	0.04	0.08	0.06	34.20	ppb
Titanium	47-1	0.57	0.48	0.53	0.53	8.43	ppb

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	O4627-04DLX5	Instrumnet Name :	P7
Client Sample ID :	280-300FB-BACKFILL-02	Dilution Factor :	5
Date & Time Acquired :	2023-10-04 14:16:39	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.65	0.64	0.64	0.64	0.65	ppb
Vanadium	51-2	0.17	0.17	0.18	0.17	4.07	ppb
Yttrium	89-1				99		%
Yttrium	89-2				98		%
Zinc	66-2	112.19	116.16	113.25	113.87	1.81	ppb
Zirconium	90-1	0.03	0.03	0.04	0.03	8.26	ppb
Zirconium	91-1	0.04	0.01	0.04	0.03	53.70	ppb

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	O4627-06DLX5	Instrumnet Name :	P7
Client Sample ID :	280-300FB-BACKFILL-00	Dilution Factor :	5
Date & Time Acquired :	2023-10-04 14:19:49	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.52	6.50	7.19	7.07	7.39	ppb
Antimony	121-1	0.03	0.03	0.03	0.03	3.02	ppb
Arsenic	75-2	0.06	0.19	0.11	0.12	53.42	ppb
Barium	135-1	19.61	19.58	20.29	19.83	2.01	ppb
Barium	137-1	19.79	19.77	19.96	19.84	0.52	ppb
Beryllium	9-1	0.04	0.05	0.03	0.04	21.09	ppb
Bismuth	209-1				90		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.15	0.15	0.22	0.17	22.67	ppb
Cadmium	106-1	-0.09	0.03	-0.56	-0.20		ppb
Cadmium	111-1	0.15	0.16	0.12	0.14	13.96	ppb
Calcium	43-1	161264.97	160731.90	160342.49	160779.79	0.29	ppb
Calcium	44-1	158305.25	159237.10	157878.64	158473.66	0.44	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	0.07	0.05	0.04	57.03	ppb
Cobalt	59-2	21.39	21.72	21.69	21.60	0.86	ppb
Copper	63-2	0.74	0.67	0.68	0.70	5.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				95		%
Indium	115-1				98		%
Indium	115-2				97		%
Iron	56-2	8034.79	8080.73	8019.96	8045.16	0.39	ppb
Iron	57-2	9456.06	9486.88	9428.86	9457.27	0.31	ppb
Iron	54-2	8603.88	8612.89	8574.51	8597.09	0.23	ppb
Krypton	83-1						cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	O4627-06DLX5	Instrumnet Name :	P7
Client Sample ID :	280-300FB-BACKFILL-00	Dilution Factor :	5
Date & Time Acquired :	2023-10-04 14:19:49	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.06	0.05	0.06	0.05	13.93	ppb
Lead	207-1	0.05	0.06	0.04	0.05	13.30	ppb
Lead	208-1	0.05	0.05	0.05	0.05	8.56	ppb
Lithium	6-1				92		%
Magnesium	24-2	7702.32	7739.62	7617.05	7686.33	0.82	ppb
Manganese	55-2	4622.03	4674.07	4608.83	4634.98	0.74	ppb
Molybdenum	94-1	0.16	0.19	0.21	0.19	15.67	ppb
Molybdenum	95-1	0.30	0.35	0.35	0.33	9.50	ppb
Molybdenum	96-1	0.25	0.25	0.26	0.25	3.06	ppb
Molybdenum	97-1	0.15	0.19	0.15	0.16	15.57	ppb
Molybdenum	98-1	0.16	0.16	0.15	0.15	5.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.33	4.62	4.49	4.48	3.20	ppb
Phosphorus	31-2	-11.96	-15.85	-6.72	-11.51		ppb
Potassium	39-2	655.46	659.38	657.02	657.29	0.30	ppb
Rhodium	103-1				93		%
Rhodium	103-2				96		%
Scandium	45-1				98		%
Scandium	45-2				96		%
Selenium	82-1	0.41	0.28	0.58	0.42	35.05	ppb
Selenium	77-2	0.01	0.30	-0.28	0.01	4680.06	ppb
Selenium	78-2	-0.50	0.48	0.29	0.09	584.39	ppb
Silicon	28-1	169.52	170.76	169.38	169.89	0.45	ppb
Silver	107-1	0.74	0.74	0.75	0.74	0.69	ppb
Silver	109-1	0.01	0.01	0.01	0.01	9.52	ppb
Sodium	23-2	13444.78	13477.26	13312.89	13411.65	0.65	ppb
Strontium	86-1	298.26	299.28	300.45	299.33	0.37	ppb
Strontium	88-1	292.82	294.08	295.10	294.00	0.39	ppb
Sulfur	34-1	117740.56	120153.23	117651.76	118515.18	1.20	ppb
Terbium	159-1				97		%
Terbium	159-2				96		%
Thallium	203-1	0.00	0.01	0.01	0.01	40.37	ppb
Thallium	205-1	0.01	0.00	0.00	0.00	78.19	ppb
Tin	118-1	0.01	0.08	0.03	0.04	94.74	ppb
Titanium	47-1	0.49	0.59	0.60	0.56	10.70	ppb

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	O4627-06DLX5	Instrumnet Name :	P7
Client Sample ID :	280-300FB-BACKFILL-06	Dilution Factor :	5
Date & Time Acquired :	2023-10-04 14:19:49	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.70	0.70	0.71	0.70	1.14	ppb
Vanadium	51-2	0.18	0.20	0.17	0.18	7.54	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	123.13	123.06	121.69	122.63	0.66	ppb
Zirconium	90-1	0.02	0.02	0.03	0.02	10.73	ppb
Zirconium	91-1	0.02	0.01	0.02	0.02	11.21	ppb

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	O4627-08DLX5	Instrumnet Name :	P7
Client Sample ID :	280-300FB-BACKFILL-04	Dilution Factor :	5
Date & Time Acquired :	2023-10-04 14:22:57	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10.11	11.41	10.27	10.59	6.70	ppb
Antimony	121-1	0.02	0.02	0.02	0.02	9.01	ppb
Arsenic	75-2	0.12	0.10	0.13	0.12	11.00	ppb
Barium	135-1	20.26	20.29	20.12	20.23	0.44	ppb
Barium	137-1	20.65	20.46	20.38	20.50	0.69	ppb
Beryllium	9-1	0.04	0.04	0.02	0.03	32.59	ppb
Bismuth	209-1				90		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.20	0.17	0.13	0.17	20.43	ppb
Cadmium	106-1	1.00	0.53	0.18	0.57	71.57	ppb
Cadmium	111-1	0.22	0.17	0.15	0.18	19.96	ppb
Calcium	43-1	155173.57	155509.05	156180.53	155621.05	0.33	ppb
Calcium	44-1	156344.39	154237.09	157864.02	156148.50	1.17	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	0.06	0.04	0.04	33.94	ppb
Cobalt	59-2	21.21	22.12	21.31	21.54	2.31	ppb
Copper	63-2	0.69	0.65	0.65	0.66	3.06	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				98		%
Holmium	165-2				94		%
Indium	115-1				98		%
Indium	115-2				96		%
Iron	56-2	8911.17	9282.15	8970.59	9054.64	2.20	ppb
Iron	57-2	10458.97	10814.48	10575.48	10616.31	1.71	ppb
Iron	54-2	9717.71	10031.00	9696.53	9815.08	1.91	ppb
Krypton	83-1						cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	O4627-08DLX5	Instrumnet Name :	P7
Client Sample ID :	280-300FB-BACKFILL-04	Dilution Factor :	5
Date & Time Acquired :	2023-10-04 14:22:57	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.03	0.04	0.04	0.04	10.12	ppb
Lead	207-1	0.04	0.05	0.04	0.04	16.04	ppb
Lead	208-1	0.04	0.04	0.04	0.04	8.71	ppb
Lithium	6-1				92		%
Magnesium	24-2	7434.79	7690.31	7536.63	7553.91	1.70	ppb
Manganese	55-2	4502.36	4635.54	4426.22	4521.37	2.34	ppb
Molybdenum	94-1	0.17	0.14	0.16	0.16	9.71	ppb
Molybdenum	95-1	0.30	0.32	0.31	0.31	3.18	ppb
Molybdenum	96-1	0.25	0.22	0.26	0.24	7.59	ppb
Molybdenum	97-1	0.16	0.14	0.14	0.14	8.66	ppb
Molybdenum	98-1	0.13	0.14	0.13	0.13	1.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.47	4.67	4.33	4.49	3.91	ppb
Phosphorus	31-2	-9.69	-10.04	-5.92	-8.55		ppb
Potassium	39-2	628.43	648.21	634.19	636.94	1.60	ppb
Rhodium	103-1				93		%
Rhodium	103-2				96		%
Scandium	45-1				98		%
Scandium	45-2				95		%
Selenium	82-1	0.15	0.64	-0.16	0.21	194.55	ppb
Selenium	77-2	0.60	-0.28	0.00	0.11	423.51	ppb
Selenium	78-2	-0.07	-0.46	0.43	-0.03		ppb
Silicon	28-1	169.10	168.75	170.88	169.58	0.67	ppb
Silver	107-1	0.74	0.70	0.73	0.72	2.45	ppb
Silver	109-1	0.01	0.01	0.01	0.01	23.19	ppb
Sodium	23-2	12420.40	12909.76	12401.03	12577.06	2.29	ppb
Strontium	86-1	288.82	287.95	291.55	289.44	0.65	ppb
Strontium	88-1	287.54	275.33	288.67	283.85	2.61	ppb
Sulfur	34-1	118121.65	116180.41	119128.62	117810.23	1.27	ppb
Terbium	159-1				97		%
Terbium	159-2				94		%
Thallium	203-1	0.00	0.01	0.01	0.01	39.20	ppb
Thallium	205-1	0.00	0.00	0.01	0.00	29.33	ppb
Tin	118-1	0.07	0.05	0.06	0.06	12.11	ppb
Titanium	47-1	0.68	0.66	0.63	0.66	4.44	ppb

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	O4627-08DLX5	Instrumnet Name :	P7
Client Sample ID :	280-300FB-BACKFILL-04	Dilution Factor :	5
Date & Time Acquired :	2023-10-04 14:22:57	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.60	0.62	0.62	0.62	1.45	ppb
Vanadium	51-2	0.18	0.17	0.15	0.17	9.99	ppb
Yttrium	89-1				101		%
Yttrium	89-2				98		%
Zinc	66-2	111.75	115.96	109.64	112.45	2.86	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	16.23	ppb
Zirconium	91-1	0.00	0.02	0.01	0.01	61.01	ppb

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	O4627-10DLX5	Instrumnet Name :	P7
Client Sample ID :	280-300FB-BACKFILL-06	Dilution Factor :	5
Date & Time Acquired :	2023-10-04 14:26:08	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.82	9.66	11.31	10.26	8.85	ppb
Antimony	121-1	0.01	0.02	0.03	0.02	28.85	ppb
Arsenic	75-2	0.05	0.15	0.16	0.12	49.95	ppb
Barium	135-1	19.12	18.81	18.50	18.81	1.66	ppb
Barium	137-1	19.15	18.95	18.92	19.01	0.66	ppb
Beryllium	9-1	0.04	0.03	0.05	0.04	20.89	ppb
Bismuth	209-1				91		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.07	0.24	0.09	0.13	72.70	ppb
Cadmium	106-1	-0.17	0.21	-0.37	-0.11		ppb
Cadmium	111-1	0.14	0.17	0.07	0.13	39.38	ppb
Calcium	43-1	159780.01	160382.02	154177.60	158113.21	2.16	ppb
Calcium	44-1	158141.67	158333.67	154590.25	157021.86	1.34	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	0.05	0.02	0.03	49.86	ppb
Cobalt	59-2	20.90	21.38	21.18	21.16	1.14	ppb
Copper	63-2	0.50	0.50	0.53	0.51	3.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				95		%
Indium	115-1				97		%
Indium	115-2				97		%
Iron	56-2	6444.50	6426.07	6426.24	6432.27	0.16	ppb
Iron	57-2	7784.73	7793.99	7882.05	7820.26	0.69	ppb
Iron	54-2	6918.19	6947.28	7000.95	6955.48	0.60	ppb
Krypton	83-1						cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	O4627-10DLX5	Instrumnet Name :	P7
Client Sample ID :	280-300FB-BACKFILL-06	Dilution Factor :	5
Date & Time Acquired :	2023-10-04 14:26:08	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.01	0.02	0.02	0.02	29.81	ppb
Lead	207-1	0.02	0.02	0.02	0.02	11.65	ppb
Lead	208-1	0.02	0.02	0.02	0.02	5.15	ppb
Lithium	6-1				92		%
Magnesium	24-2	7593.21	7602.64	7678.79	7624.88	0.62	ppb
Manganese	55-2	4479.66	4565.87	4544.85	4530.13	0.99	ppb
Molybdenum	94-1	0.19	0.16	0.19	0.18	8.44	ppb
Molybdenum	95-1	0.30	0.33	0.34	0.32	5.93	ppb
Molybdenum	96-1	0.24	0.26	0.21	0.24	11.22	ppb
Molybdenum	97-1	0.17	0.15	0.15	0.16	7.28	ppb
Molybdenum	98-1	0.15	0.14	0.15	0.15	3.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.41	4.57	4.29	4.42	3.14	ppb
Phosphorus	31-2	-9.27	-12.67	-15.21	-12.38		ppb
Potassium	39-2	629.12	639.44	647.21	638.59	1.42	ppb
Rhodium	103-1				94		%
Rhodium	103-2				96		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	82-1	0.01	0.02	0.35	0.13	148.38	ppb
Selenium	77-2	-0.28	-0.28	-0.28	-0.28		ppb
Selenium	78-2	-0.26	-0.06	1.37	0.35	251.01	ppb
Silicon	28-1	167.00	169.00	163.60	166.53	1.64	ppb
Silver	107-1	0.75	0.75	0.75	0.75	0.28	ppb
Silver	109-1	0.01	0.00	0.01	0.01	36.04	ppb
Sodium	23-2	13008.08	13088.50	13184.72	13093.77	0.68	ppb
Strontium	86-1	300.85	302.75	294.28	299.30	1.49	ppb
Strontium	88-1	293.85	295.60	290.03	293.16	0.97	ppb
Sulfur	34-1	118674.11	121131.00	116367.66	118724.26	2.01	ppb
Terbium	159-1				97		%
Terbium	159-2				94		%
Thallium	203-1	0.01	0.00	0.00	0.00	75.35	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	21.08	ppb
Tin	118-1	0.07	0.02	0.01	0.03	97.28	ppb
Titanium	47-1	0.75	0.93	0.89	0.86	10.92	ppb

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	O4627-10DLX5	Instrumnet Name :	P7
Client Sample ID :	280-300FB-BACKFILL-06	Dilution Factor :	5
Date & Time Acquired :	2023-10-04 14:26:08	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.70	0.72	0.71	0.71	1.39	ppb
Vanadium	51-2	0.17	0.16	0.16	0.16	3.61	ppb
Yttrium	89-1				101		%
Yttrium	89-2				98		%
Zinc	66-2	93.89	93.08	94.44	93.80	0.73	ppb
Zirconium	90-1	0.02	0.03	0.03	0.03	13.20	ppb
Zirconium	91-1	0.00	0.01	0.02	0.01	63.47	ppb

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	O4627-12DLX5	Instrumnet Name :	P7
Client Sample ID :	280-300FB-BACKFILL-06	Dilution Factor :	5
Date & Time Acquired :	2023-10-04 14:29:18	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.33	6.09	6.22	6.21	1.88	ppb
Antimony	121-1	0.03	0.02	0.02	0.02	23.83	ppb
Arsenic	75-2	0.13	0.12	0.09	0.11	17.44	ppb
Barium	135-1	20.97	17.37	18.06	18.80	10.15	ppb
Barium	137-1	20.88	17.96	17.84	18.89	9.11	ppb
Beryllium	9-1	0.05	0.03	0.04	0.04	25.15	ppb
Bismuth	209-1				85		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.32	0.19	0.07	0.19	64.74	ppb
Cadmium	106-1	-0.81	-0.76	-0.83	-0.80		ppb
Cadmium	111-1	0.08	0.04	0.03	0.05	45.73	ppb
Calcium	43-1	189547.07	156825.05	158674.34	168348.82	10.92	ppb
Calcium	44-1	185682.27	158238.03	157274.97	167065.09	9.66	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.08	0.05	0.06	0.07	26.49	ppb
Cobalt	59-2	20.36	20.74	20.55	20.55	0.93	ppb
Copper	63-2	0.51	0.56	0.51	0.53	5.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				94		%
Indium	115-1				91		%
Indium	115-2				96		%
Iron	56-2	6058.71	6106.57	6112.78	6092.68	0.49	ppb
Iron	57-2	7461.14	7515.30	7470.61	7482.35	0.39	ppb
Iron	54-2	6592.61	6662.01	6585.90	6613.50	0.64	ppb
Krypton	83-1						cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	O4627-12DLX5	Instrumnet Name :	P7
Client Sample ID :	280-300FB-BACKFILL-06	Dilution Factor :	5
Date & Time Acquired :	2023-10-04 14:29:18	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.07	0.06	0.05	0.06	14.73	ppb
Lead	207-1	0.04	0.05	0.04	0.05	11.33	ppb
Lead	208-1	0.07	0.05	0.04	0.05	21.00	ppb
Lithium	6-1				88		%
Magnesium	24-2	7637.45	7589.15	7629.80	7618.80	0.34	ppb
Manganese	55-2	4457.27	4460.92	4431.63	4449.94	0.36	ppb
Molybdenum	94-1	0.18	0.18	0.15	0.17	12.21	ppb
Molybdenum	95-1	0.40	0.33	0.35	0.36	10.63	ppb
Molybdenum	96-1	0.29	0.25	0.24	0.26	11.23	ppb
Molybdenum	97-1	0.23	0.18	0.18	0.19	14.79	ppb
Molybdenum	98-1	0.18	0.16	0.16	0.17	8.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.43	4.39	4.33	4.38	1.07	ppb
Phosphorus	31-2	-8.60	-2.84	-5.82	-5.75		ppb
Potassium	39-2	639.94	644.54	639.20	641.23	0.45	ppb
Rhodium	103-1				88		%
Rhodium	103-2				96		%
Scandium	45-1				93		%
Scandium	45-2				96		%
Selenium	82-1	0.09	0.68	0.14	0.31	106.99	ppb
Selenium	77-2	0.01	-0.28	0.31	0.01	2715.03	ppb
Selenium	78-2	0.35	0.01	-0.05	0.11	204.32	ppb
Silicon	28-1	195.98	168.63	165.38	176.66	9.52	ppb
Silver	107-1	0.86	0.75	0.74	0.79	8.76	ppb
Silver	109-1	0.01	0.01	0.00	0.00	17.89	ppb
Sodium	23-2	13274.42	13304.63	13201.63	13260.23	0.40	ppb
Strontium	86-1	363.41	302.16	302.22	322.60	10.96	ppb
Strontium	88-1	350.67	299.47	295.23	315.12	9.79	ppb
Sulfur	34-1	141421.35	119661.36	118503.54	126528.75	10.20	ppb
Terbium	159-1				92		%
Terbium	159-2				94		%
Thallium	203-1	0.00	0.01	0.01	0.01	46.28	ppb
Thallium	205-1	0.01	0.00	0.00	0.01	23.60	ppb
Tin	118-1	0.09	0.04	0.01	0.05	77.55	ppb
Titanium	47-1	0.75	0.61	0.58	0.65	13.69	ppb

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	O4627-12DLX5	Instrumnet Name :	P7
Client Sample ID :	280-300FB-BACKFILL-06	Dilution Factor :	5
Date & Time Acquired :	2023-10-04 14:29:18	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.89	0.74	0.75	0.79	10.53	ppb
Vanadium	51-2	0.18	0.18	0.18	0.18	1.71	ppb
Yttrium	89-1				94		%
Yttrium	89-2				97		%
Zinc	66-2	88.62	88.82	89.14	88.86	0.30	ppb
Zirconium	90-1	0.02	0.01	0.02	0.02	18.43	ppb
Zirconium	91-1	0.00	0.02	0.01	0.01	149.76	ppb

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	O4627-14DLX5	Instrumnet Name :	P7
Client Sample ID :	280-300FB-BACKFILL-07	Dilution Factor :	5
Date & Time Acquired :	2023-10-04 14:32:27	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.47	6.27	4.93	5.56	12.20	ppb
Antimony	121-1	0.02	0.02	0.02	0.02	16.03	ppb
Arsenic	75-2	0.09	0.05	0.16	0.10	53.14	ppb
Barium	135-1	18.26	19.17	18.79	18.74	2.44	ppb
Barium	137-1	18.38	18.86	18.78	18.67	1.38	ppb
Beryllium	9-1	0.05	0.05	0.02	0.04	41.13	ppb
Bismuth	209-1				89		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.30	0.14	0.29	0.24	38.37	ppb
Cadmium	106-1	-0.43	1.35	0.53	0.48	183.75	ppb
Cadmium	111-1	0.04	0.22	0.13	0.13	70.06	ppb
Calcium	43-1	160856.10	168854.82	163600.08	164437.00	2.47	ppb
Calcium	44-1	159702.00	165681.93	164646.30	163343.41	1.96	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	0.02	0.04	0.03	45.77	ppb
Cobalt	59-2	21.95	21.92	22.17	22.01	0.62	ppb
Copper	63-2	0.58	0.57	0.58	0.58	1.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				94		%
Indium	115-1				96		%
Indium	115-2				96		%
Iron	56-2	5578.13	5542.84	5566.51	5562.49	0.32	ppb
Iron	57-2	6904.65	6974.14	6909.00	6929.26	0.56	ppb
Iron	54-2	5944.60	5999.20	5994.75	5979.52	0.51	ppb
Krypton	83-1						cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	O4627-14DLX5	Instrumnet Name :	P7
Client Sample ID :	280-300FB-BACKFILL-07	Dilution Factor :	5
Date & Time Acquired :	2023-10-04 14:32:27	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.02	0.02	0.01	0.02	25.60	ppb
Lead	207-1	0.02	0.03	0.02	0.02	5.04	ppb
Lead	208-1	0.02	0.02	0.02	0.02	4.44	ppb
Lithium	6-1				92		%
Magnesium	24-2	7951.17	7817.25	7818.85	7862.43	0.98	ppb
Manganese	55-2	4676.67	4653.85	4710.36	4680.29	0.61	ppb
Molybdenum	94-1	0.17	0.19	0.21	0.19	11.25	ppb
Molybdenum	95-1	0.33	0.37	0.36	0.35	5.97	ppb
Molybdenum	96-1	0.24	0.25	0.24	0.24	3.26	ppb
Molybdenum	97-1	0.19	0.19	0.18	0.19	4.74	ppb
Molybdenum	98-1	0.17	0.16	0.17	0.17	5.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.59	4.73	4.70	4.67	1.62	ppb
Phosphorus	31-2	-11.92	-12.88	-7.24	-10.68		ppb
Potassium	39-2	681.83	685.05	685.34	684.07	0.28	ppb
Rhodium	103-1				93		%
Rhodium	103-2				96		%
Scandium	45-1				98		%
Scandium	45-2				96		%
Selenium	82-1	0.12	-0.04	0.37	0.15	134.93	ppb
Selenium	77-2	-0.28	0.31	-0.28	-0.09		ppb
Selenium	78-2	0.03	-0.32	-0.29	-0.19		ppb
Silicon	28-1	169.72	173.94	173.02	172.23	1.29	ppb
Silver	107-1	0.76	0.78	0.77	0.77	1.29	ppb
Silver	109-1	0.00	0.00	0.00	0.00	20.95	ppb
Sodium	23-2	14133.01	13938.10	14115.59	14062.24	0.77	ppb
Strontium	86-1	313.44	321.24	320.62	318.43	1.36	ppb
Strontium	88-1	306.10	311.11	308.56	308.59	0.81	ppb
Sulfur	34-1	118849.57	123582.27	122460.75	121630.86	2.03	ppb
Terbium	159-1				96		%
Terbium	159-2				93		%
Thallium	203-1	0.01	0.01	0.01	0.01	31.59	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	19.86	ppb
Tin	118-1	0.00	-0.01	0.00	0.00		ppb
Titanium	47-1	0.61	0.62	0.68	0.64	6.30	ppb

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	O4627-14DLX5	Instrumnet Name :	P7
Client Sample ID :	280-300FB-BACKFILL-07	Dilution Factor :	5
Date & Time Acquired :	2023-10-04 14:32:27	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.78	0.80	0.78	0.79	1.53	ppb
Vanadium	51-2	0.18	0.17	0.21	0.18	11.92	ppb
Yttrium	89-1				98		%
Yttrium	89-2				97		%
Zinc	66-2	97.27	97.04	97.01	97.11	0.14	ppb
Zirconium	90-1	0.01	0.02	0.02	0.01	40.83	ppb
Zirconium	91-1	0.01	0.01	0.00	0.01	90.72	ppb

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	CCV56	Instrumnet Name :	P7
Client Sample ID :	CCV56	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 14:35:34	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52044.97	51379.71	51612.34	51679.01	0.65	ppb
Antimony	121-1	531.42	535.48	532.75	533.22	0.39	ppb
Arsenic	75-2	488.90	483.02	476.48	482.80	1.29	ppb
Barium	135-1	2679.47	2690.16	2680.16	2683.26	0.22	ppb
Barium	137-1	2699.71	2703.73	2674.49	2692.64	0.59	ppb
Beryllium	9-1	539.65	542.25	549.14	543.68	0.90	ppb
Bismuth	209-1				83		%
Bismuth	209-2				83		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	527.69	531.59	536.52	531.93	0.83	ppb
Cadmium	106-1	538.48	538.74	537.14	538.12	0.16	ppb
Cadmium	111-1	547.95	546.68	546.72	547.12	0.13	ppb
Calcium	43-1	266332.32	265796.30	267912.97	266680.53	0.41	ppb
Calcium	44-1	262137.40	263967.77	260163.28	262089.48	0.73	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	501.72	479.67	482.18	487.86	2.47	ppb
Cobalt	59-2	494.93	484.08	488.25	489.09	1.12	ppb
Copper	63-2	4947.87	4891.89	4877.81	4905.86	0.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				91		%
Indium	115-1				90		%
Indium	115-2				88		%
Iron	56-2	132037.60	131072.41	130321.69	131143.90	0.66	ppb
Iron	57-2	132001.87	129499.33	130517.64	130672.95	0.96	ppb
Iron	54-2	131626.74	130034.74	129843.11	130501.53	0.75	ppb
Krypton	83-1						cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	CCV56	Instrumnet Name :	P7
Client Sample ID :	CCV56	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 14:35:34	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2687.09	2688.66	2679.27	2685.01	0.19	ppb
Lead	207-1	2720.14	2749.00	2711.30	2726.81	0.72	ppb
Lead	208-1	2705.12	2707.06	2698.77	2703.65	0.16	ppb
Lithium	6-1				90		%
Magnesium	24-2	263316.88	259278.67	258361.22	260318.92	1.01	ppb
Manganese	55-2	4944.15	4811.95	4849.46	4868.52	1.40	ppb
Molybdenum	94-1	5211.43	5218.72	5277.06	5235.73	0.69	ppb
Molybdenum	95-1	5109.75	5182.86	5278.68	5190.43	1.63	ppb
Molybdenum	96-1	5105.61	5215.62	5342.07	5221.10	2.27	ppb
Molybdenum	97-1	5155.73	5206.37	5280.09	5214.06	1.20	ppb
Molybdenum	98-1	5195.02	5249.02	5252.08	5232.04	0.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	474.02	471.35	473.07	472.81	0.29	ppb
Phosphorus	31-2	9770.16	9672.03	9658.30	9700.17	0.63	ppb
Potassium	39-2	129745.68	127186.14	128771.93	128567.92	1.00	ppb
Rhodium	103-1				84		%
Rhodium	103-2				86		%
Scandium	45-1				95		%
Scandium	45-2				93		%
Selenium	82-1	492.17	502.21	511.82	502.07	1.96	ppb
Selenium	77-2	499.49	474.13	456.84	476.82	4.50	ppb
Selenium	78-2	478.07	486.18	468.42	477.56	1.86	ppb
Silicon	28-1	511.46	526.67	529.91	522.68	1.88	ppb
Silver	107-1	515.27	515.18	521.25	517.23	0.67	ppb
Silver	109-1	510.09	511.92	522.22	514.74	1.27	ppb
Sodium	23-2	262586.75	256702.96	255269.57	258186.43	1.50	ppb
Strontium	86-1	13098.17	13244.17	13121.20	13154.51	0.60	ppb
Strontium	88-1	13052.42	13104.58	13133.21	13096.73	0.31	ppb
Sulfur	34-1	9686.28	9995.66	9800.50	9827.48	1.59	ppb
Terbium	159-1				93		%
Terbium	159-2				91		%
Thallium	203-1	545.07	543.46	539.31	542.61	0.55	ppb
Thallium	205-1	530.86	535.85	526.99	531.23	0.84	ppb
Tin	118-1	536.82	541.34	542.77	540.31	0.57	ppb
Titanium	47-1	5296.48	5379.70	5250.83	5309.00	1.23	ppb

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	CCV56	Instrumnet Name :	P7
Client Sample ID :	CCV56	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 14:35:34	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	580.39	579.91	573.25	577.85	0.69	ppb
Vanadium	51-2	508.69	502.36	505.22	505.42	0.63	ppb
Yttrium	89-1				96		%
Yttrium	89-2				92		%
Zinc	66-2	4843.02	4856.13	4779.74	4826.30	0.85	ppb
Zirconium	90-1	532.07	532.99	529.98	531.68	0.29	ppb
Zirconium	91-1	523.21	529.76	538.09	530.36	1.41	ppb

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	CCB56	Instrumnet Name :	P7
Client Sample ID :	CCB56	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 14:42:40	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.53	-0.41	-0.50	-0.48		ppb
Antimony	121-1	0.10	0.13	0.12	0.12	10.54	ppb
Arsenic	75-2	0.00	0.02	-0.01	0.01	223.99	ppb
Barium	135-1	0.02	0.02	0.02	0.02	18.75	ppb
Barium	137-1	0.02	0.04	0.03	0.03	26.17	ppb
Beryllium	9-1	0.06	0.02	0.06	0.05	46.29	ppb
Bismuth	209-1				92		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.00	0.02	-0.02	0.00	1203.89	ppb
Cadmium	106-1	0.61	0.30	0.15	0.35	67.18	ppb
Cadmium	111-1	0.06	0.03	0.02	0.04	64.89	ppb
Calcium	43-1	-2.14	2.27	-5.48	-1.78		ppb
Calcium	44-1	-0.03	-0.95	-2.47	-1.15		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	-0.01	0.03	0.01	429.67	ppb
Cobalt	59-2	0.00	0.01	0.01	0.01	66.33	ppb
Copper	63-2	0.03	0.01	0.07	0.04	84.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				92		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	56-2	1.46	1.74	1.50	1.57	9.63	ppb
Iron	57-2	1.66	3.19	2.22	2.35	32.95	ppb
Iron	54-2	1.23	0.92	-0.28	0.62	127.58	ppb
Krypton	83-1						cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	CCB56	Instrumnet Name :	P7
Client Sample ID :	CCB56	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 14:42:40	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.06	0.05	0.05	0.05	12.60	ppb
Lead	207-1	0.06	0.05	0.05	0.05	6.66	ppb
Lead	208-1	0.06	0.05	0.05	0.05	12.55	ppb
Lithium	6-1				96		%
Magnesium	24-2	2.50	2.73	2.36	2.53	7.55	ppb
Manganese	55-2	0.07	0.05	0.05	0.06	21.57	ppb
Molybdenum	94-1	0.13	0.15	0.12	0.13	9.91	ppb
Molybdenum	95-1	0.13	0.09	0.09	0.10	23.88	ppb
Molybdenum	96-1	0.11	0.12	0.10	0.11	10.49	ppb
Molybdenum	97-1	0.13	0.14	0.10	0.12	14.67	ppb
Molybdenum	98-1	0.13	0.10	0.11	0.11	15.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.07	-0.11	-0.09	-0.09		ppb
Phosphorus	31-2	-12.15	-0.39	-8.32	-6.95		ppb
Potassium	39-2	12.30	10.25	4.15	8.90	47.60	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	82-1	-0.29	-0.60	-0.13	-0.34		ppb
Selenium	77-2	-0.28	-0.28	-0.28	-0.28		ppb
Selenium	78-2	-0.75	0.05	-0.19	-0.29		ppb
Silicon	28-1	-0.20	-0.24	-0.27	-0.24		ppb
Silver	107-1	0.02	0.02	0.01	0.02	22.99	ppb
Silver	109-1	0.02	0.02	0.02	0.02	18.11	ppb
Sodium	23-2	28.02	26.84	25.30	26.72	5.11	ppb
Strontium	86-1	0.15	0.10	0.10	0.12	25.45	ppb
Strontium	88-1	0.16	0.14	0.12	0.14	13.22	ppb
Sulfur	34-1	-50.22	-335.81	-331.75	-239.26		ppb
Terbium	159-1				96		%
Terbium	159-2				93		%
Thallium	203-1	0.01	0.01	0.02	0.01	17.83	ppb
Thallium	205-1	0.01	0.01	0.02	0.01	6.47	ppb
Tin	118-1	0.05	0.07	0.01	0.05	60.66	ppb
Titanium	47-1	0.12	0.03	0.08	0.08	59.23	ppb

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	CCB56	Instrumnet Name :	P7
Client Sample ID :	CCB56	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 14:42:40	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.00	0.00	0.00	28.91	ppb
Vanadium	51-2	0.01	0.00	0.00	0.00	69.95	ppb
Yttrium	89-1				99		%
Yttrium	89-2				98		%
Zinc	66-2	0.04	0.08	-0.09	0.01	1096.19	ppb
Zirconium	90-1	0.03	0.03	0.02	0.03	12.11	ppb
Zirconium	91-1	0.03	0.01	0.02	0.02	47.29	ppb

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	O4627-16DLX5	Instrumnet Name :	P7
Client Sample ID :	280-300FB-BACKFILL-08	Dilution Factor :	5
Date & Time Acquired :	2023-10-04 14:45:57	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.65	4.30	4.13	4.03	8.48	ppb
Antimony	121-1	0.03	0.05	0.05	0.05	20.13	ppb
Arsenic	75-2	0.08	0.08	0.10	0.09	6.88	ppb
Barium	135-1	19.64	19.62	19.85	19.71	0.64	ppb
Barium	137-1	19.48	19.53	19.91	19.64	1.21	ppb
Beryllium	9-1	0.02	0.07	0.07	0.05	48.34	ppb
Bismuth	209-1				89		%
Bismuth	209-2				91		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.22	0.29	0.18	0.23	23.79	ppb
Cadmium	106-1	-0.59	-0.35	0.19	-0.25		ppb
Cadmium	111-1	0.05	0.04	0.15	0.08	74.77	ppb
Calcium	43-1	167161.77	170648.29	170376.86	169395.64	1.14	ppb
Calcium	44-1	166377.05	169300.38	168414.34	168030.59	0.89	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	0.10	0.09	0.07	65.01	ppb
Cobalt	59-2	21.46	21.69	21.98	21.71	1.20	ppb
Copper	63-2	0.52	0.48	0.47	0.49	4.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				92		%
Indium	115-1				94		%
Indium	115-2				94		%
Iron	56-2	4241.32	4246.25	4280.16	4255.91	0.50	ppb
Iron	57-2	5469.84	5475.53	5542.75	5496.04	0.74	ppb
Iron	54-2	4545.75	4543.99	4556.37	4548.70	0.15	ppb
Krypton	83-1						cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	O4627-16DLX5	Instrumnet Name :	P7
Client Sample ID :	280-300FB-BACKFILL-08	Dilution Factor :	5
Date & Time Acquired :	2023-10-04 14:45:57	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.03	0.03	0.04	0.03	18.12	ppb
Lead	207-1	0.03	0.04	0.03	0.03	12.83	ppb
Lead	208-1	0.04	0.04	0.04	0.04	4.10	ppb
Lithium	6-1				93		%
Magnesium	24-2	8496.90	8419.73	8513.86	8476.83	0.59	ppb
Manganese	55-2	4851.38	4869.59	4902.65	4874.54	0.53	ppb
Molybdenum	94-1	0.19	0.22	0.24	0.22	13.30	ppb
Molybdenum	95-1	0.40	0.41	0.39	0.40	3.12	ppb
Molybdenum	96-1	0.28	0.26	0.29	0.27	5.60	ppb
Molybdenum	97-1	0.25	0.20	0.19	0.21	15.30	ppb
Molybdenum	98-1	0.21	0.21	0.23	0.22	5.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.69	4.74	4.65	4.70	0.93	ppb
Phosphorus	31-2	-11.50	-3.79	-16.60	-10.63		ppb
Potassium	39-2	706.76	703.66	709.01	706.48	0.38	ppb
Rhodium	103-1				91		%
Rhodium	103-2				92		%
Scandium	45-1				96		%
Scandium	45-2				93		%
Selenium	82-1	0.75	0.64	0.37	0.59	33.05	ppb
Selenium	77-2	0.02	-0.28	-0.28	-0.18		ppb
Selenium	78-2	-1.18	0.27	-0.16	-0.36		ppb
Silicon	28-1	169.98	172.18	172.75	171.64	0.85	ppb
Silver	107-1	0.80	0.83	0.83	0.82	1.89	ppb
Silver	109-1	0.01	0.01	0.01	0.01	26.42	ppb
Sodium	23-2	15235.02	15240.63	15432.78	15302.81	0.74	ppb
Strontium	86-1	334.51	333.61	334.92	334.35	0.20	ppb
Strontium	88-1	323.80	327.43	328.57	326.60	0.76	ppb
Sulfur	34-1	122256.77	123403.91	124674.22	123444.97	0.98	ppb
Terbium	159-1				95		%
Terbium	159-2				92		%
Thallium	203-1	0.01	0.01	0.01	0.01	41.10	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	40.09	ppb
Tin	118-1	-0.01	0.01	0.02	0.01	226.55	ppb
Titanium	47-1	0.56	0.69	0.58	0.61	11.07	ppb

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	O4627-16DLX5	Instrumnet Name :	P7
Client Sample ID :	280-300FB-BACKFILL-08	Dilution Factor :	5
Date & Time Acquired :	2023-10-04 14:45:57	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.94	0.96	0.96	0.95	0.89	ppb
Vanadium	51-2	0.18	0.18	0.18	0.18	1.84	ppb
Yttrium	89-1				97		%
Yttrium	89-2				94		%
Zinc	66-2	82.64	83.94	85.72	84.10	1.84	ppb
Zirconium	90-1	0.02	0.03	0.03	0.03	17.74	ppb
Zirconium	91-1	0.02	0.02	0.02	0.02	18.74	ppb

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	O4627-18DLX5	Instrumnet Name :	P7
Client Sample ID :	280-300FB-BACKFILL-09	Dilution Factor :	5
Date & Time Acquired :	2023-10-04 14:49:05	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.08	18.83	18.37	19.09	4.65	ppb
Antimony	121-1	0.03	0.03	0.04	0.03	12.65	ppb
Arsenic	75-2	0.20	0.10	0.08	0.13	49.71	ppb
Barium	135-1	17.77	18.50	17.61	17.96	2.65	ppb
Barium	137-1	18.42	18.74	18.05	18.40	1.89	ppb
Beryllium	9-1	0.04	0.03	0.06	0.04	33.18	ppb
Bismuth	209-1				88		%
Bismuth	209-2				91		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.21	0.33	0.09	0.21	56.41	ppb
Cadmium	106-1	-0.31	0.56	0.04	0.10	445.72	ppb
Cadmium	111-1	0.09	0.14	0.11	0.11	23.50	ppb
Calcium	43-1	155330.93	156987.66	151919.01	154745.87	1.67	ppb
Calcium	44-1	154930.53	157144.47	151077.30	154384.10	1.99	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.34	0.38	0.31	0.35	10.46	ppb
Cobalt	59-2	20.45	20.67	20.43	20.51	0.66	ppb
Copper	63-2	0.53	0.57	0.51	0.54	5.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				92		%
Indium	115-1				93		%
Indium	115-2				94		%
Iron	56-2	14161.41	13919.01	14292.27	14124.23	1.34	ppb
Iron	57-2	15908.71	15929.51	15802.42	15880.22	0.43	ppb
Iron	54-2	14303.45	14334.97	14015.60	14218.01	1.24	ppb
Krypton	83-1						cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	O4627-18DLX5	Instrumnet Name :	P7
Client Sample ID :	280-300FB-BACKFILL-09	Dilution Factor :	5
Date & Time Acquired :	2023-10-04 14:49:05	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.02	0.02	0.02	0.02	15.25	ppb
Lead	207-1	0.04	0.03	0.04	0.04	20.73	ppb
Lead	208-1	0.03	0.03	0.03	0.03	5.68	ppb
Lithium	6-1				93		%
Magnesium	24-2	7201.54	7137.30	7023.20	7120.68	1.27	ppb
Manganese	55-2	4348.57	4320.61	4360.22	4343.13	0.47	ppb
Molybdenum	94-1	0.21	0.19	0.20	0.20	6.09	ppb
Molybdenum	95-1	0.30	0.32	0.35	0.32	7.36	ppb
Molybdenum	96-1	0.34	0.39	0.34	0.36	8.04	ppb
Molybdenum	97-1	0.17	0.20	0.15	0.17	12.67	ppb
Molybdenum	98-1	0.17	0.17	0.14	0.16	11.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.47	4.73	4.33	4.51	4.44	ppb
Phosphorus	31-2	-14.29	-13.93	-11.52	-13.25		ppb
Potassium	39-2	578.83	574.16	569.24	574.08	0.84	ppb
Rhodium	103-1				88		%
Rhodium	103-2				93		%
Scandium	45-1				94		%
Scandium	45-2				93		%
Selenium	82-1	0.21	0.22	0.17	0.20	12.46	ppb
Selenium	77-2	0.32	0.01	1.21	0.51	121.24	ppb
Selenium	78-2	0.57	0.34	-0.71	0.07	1037.20	ppb
Silicon	28-1	175.21	181.05	174.92	177.06	1.95	ppb
Silver	107-1	0.65	0.69	0.66	0.67	2.87	ppb
Silver	109-1	0.01	0.00	0.00	0.00	57.60	ppb
Sodium	23-2	11062.02	11062.06	10835.84	10986.64	1.19	ppb
Strontium	86-1	269.57	276.68	263.24	269.83	2.49	ppb
Strontium	88-1	263.73	272.84	258.65	265.08	2.71	ppb
Sulfur	34-1	120050.83	121926.90	118624.24	120200.66	1.38	ppb
Terbium	159-1				93		%
Terbium	159-2				93		%
Thallium	203-1	0.00	0.01	0.01	0.01	22.14	ppb
Thallium	205-1	0.00	0.01	0.01	0.01	26.36	ppb
Tin	118-1	0.03	0.03	-0.01	0.01	169.50	ppb
Titanium	47-1	0.62	0.72	0.67	0.67	7.69	ppb

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	O4627-18DLX5	Instrumnet Name :	P7
Client Sample ID :	280-300FB-BACKFILL-09	Dilution Factor :	5
Date & Time Acquired :	2023-10-04 14:49:05	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.50	0.50	0.51	0.50	0.86	ppb
Vanadium	51-2	0.20	0.22	0.22	0.21	6.66	ppb
Yttrium	89-1				95		%
Yttrium	89-2				96		%
Zinc	66-2	90.49	91.22	89.62	90.44	0.89	ppb
Zirconium	90-1	0.01	0.02	0.02	0.02	33.07	ppb
Zirconium	91-1	0.01	0.02	0.00	0.01	114.56	ppb

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	O4627-20DLX5	Instrumnet Name :	P7
Client Sample ID :	280-300FB-BACKFILL-10	Dilution Factor :	5
Date & Time Acquired :	2023-10-04 14:52:14	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	30.53	29.98	31.55	30.69	2.59	ppb
Antimony	121-1	0.03	0.03	0.03	0.03	7.23	ppb
Arsenic	75-2	0.14	0.21	0.11	0.15	31.58	ppb
Barium	135-1	20.33	18.69	18.26	19.09	5.71	ppb
Barium	137-1	19.93	18.86	18.08	18.96	4.91	ppb
Beryllium	9-1	0.08	0.03	0.03	0.04	61.74	ppb
Bismuth	209-1				89		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.10	0.18	0.24	0.17	40.57	ppb
Cadmium	106-1	0.96	0.23	-2.05	-0.29		ppb
Cadmium	111-1	0.22	0.15	-0.01	0.12	101.54	ppb
Calcium	43-1	155419.80	155079.40	152186.34	154228.51	1.15	ppb
Calcium	44-1	157282.39	153542.92	150082.92	153636.07	2.34	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.07	0.06	0.03	0.05	43.45	ppb
Cobalt	59-2	20.99	21.18	20.72	20.96	1.10	ppb
Copper	63-2	0.56	0.55	0.54	0.55	1.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				95		%
Indium	115-1				95		%
Indium	115-2				95		%
Iron	56-2	16840.73	16901.54	16909.29	16883.85	0.22	ppb
Iron	57-2	18802.55	18881.59	18836.02	18840.05	0.21	ppb
Iron	54-2	17051.22	17055.96	16787.49	16964.89	0.91	ppb
Krypton	83-1						cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	O4627-20DLX5	Instrumnet Name :	P7
Client Sample ID :	280-300FB-BACKFILL-10	Dilution Factor :	5
Date & Time Acquired :	2023-10-04 14:52:14	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.02	0.03	0.03	0.03	17.23	ppb
Lead	207-1	0.05	0.03	0.02	0.03	36.87	ppb
Lead	208-1	0.03	0.03	0.03	0.03	6.72	ppb
Lithium	6-1				93		%
Magnesium	24-2	7299.27	7353.35	7227.93	7293.51	0.86	ppb
Manganese	55-2	4293.18	4330.31	4321.27	4314.92	0.45	ppb
Molybdenum	94-1	0.17	0.14	0.17	0.16	12.86	ppb
Molybdenum	95-1	0.33	0.26	0.29	0.29	11.53	ppb
Molybdenum	96-1	0.33	0.33	0.36	0.34	5.25	ppb
Molybdenum	97-1	0.16	0.13	0.15	0.14	10.72	ppb
Molybdenum	98-1	0.13	0.14	0.14	0.14	4.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.37	4.42	4.59	4.46	2.54	ppb
Phosphorus	31-2	-3.01	-12.29	-8.43	-7.91		ppb
Potassium	39-2	570.99	580.26	572.40	574.55	0.87	ppb
Rhodium	103-1				90		%
Rhodium	103-2				94		%
Scandium	45-1				95		%
Scandium	45-2				94		%
Selenium	82-1	-0.09	0.20	0.10	0.07	209.83	ppb
Selenium	77-2	0.01	0.32	1.20	0.51	120.60	ppb
Selenium	78-2	-0.17	0.08	-0.05	-0.04		ppb
Silicon	28-1	191.15	185.75	180.75	185.88	2.80	ppb
Silver	107-1	0.71	0.67	0.64	0.67	5.17	ppb
Silver	109-1	0.01	0.00	0.01	0.01	48.79	ppb
Sodium	23-2	10797.66	10938.91	10728.03	10821.53	0.99	ppb
Strontium	86-1	282.23	267.61	265.68	271.84	3.33	ppb
Strontium	88-1	278.58	261.66	255.83	265.36	4.45	ppb
Sulfur	34-1	125646.85	122476.69	120063.37	122728.97	2.28	ppb
Terbium	159-1				94		%
Terbium	159-2				94		%
Thallium	203-1	0.01	0.01	0.00	0.01	45.71	ppb
Thallium	205-1	0.00	0.01	0.00	0.01	33.40	ppb
Tin	118-1	0.00	-0.03	-0.01	-0.01		ppb
Titanium	47-1	0.76	0.59	0.57	0.64	16.02	ppb

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	O4627-20DLX5	Instrumnet Name :	P7
Client Sample ID :	280-300FB-BACKFILL-10	Dilution Factor :	5
Date & Time Acquired :	2023-10-04 14:52:14	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.42	0.40	0.40	0.41	2.29	ppb
Vanadium	51-2	0.22	0.22	0.23	0.22	3.43	ppb
Yttrium	89-1				97		%
Yttrium	89-2				96		%
Zinc	66-2	92.65	94.13	93.95	93.58	0.86	ppb
Zirconium	90-1	0.01	0.02	0.02	0.02	12.46	ppb
Zirconium	91-1	0.00	0.01	0.02	0.01	52.69	ppb

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	O4627-22DLX5	Instrumnet Name :	P7
Client Sample ID :	280-300FB-BACKFILL-11	Dilution Factor :	5
Date & Time Acquired :	2023-10-04 14:55:21	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.60	23.23	22.21	22.35	3.68	ppb
Antimony	121-1	0.03	0.04	0.03	0.03	20.83	ppb
Arsenic	75-2	0.25	0.23	0.23	0.24	4.58	ppb
Barium	135-1	19.64	19.25	18.88	19.26	1.98	ppb
Barium	137-1	20.06	19.12	18.95	19.38	3.08	ppb
Beryllium	9-1	0.05	0.04	0.04	0.04	10.12	ppb
Bismuth	209-1				89		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.35	0.29	0.37	0.34	12.27	ppb
Cadmium	106-1	1.95	1.61	-0.04	1.17	90.52	ppb
Cadmium	111-1	0.41	0.41	0.26	0.36	24.04	ppb
Calcium	43-1	156104.81	153191.46	151081.08	153459.11	1.64	ppb
Calcium	44-1	155963.39	150559.31	147765.63	151429.44	2.75	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.02	1.02	1.01	1.02	0.54	ppb
Cobalt	59-2	20.82	20.62	20.88	20.77	0.66	ppb
Copper	63-2	0.70	0.62	0.65	0.65	6.04	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				93		%
Indium	115-1				95		%
Indium	115-2				94		%
Iron	56-2	17114.07	16942.75	17056.04	17037.62	0.51	ppb
Iron	57-2	19052.81	18887.34	18950.20	18963.45	0.44	ppb
Iron	54-2	17237.32	17192.28	17070.05	17166.55	0.50	ppb
Krypton	83-1						cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	O4627-22DLX5	Instrumnet Name :	P7
Client Sample ID :	280-300FB-BACKFILL-11	Dilution Factor :	5
Date & Time Acquired :	2023-10-04 14:55:21	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.04	0.05	0.05	0.05	15.66	ppb
Lead	207-1	0.06	0.05	0.03	0.05	23.87	ppb
Lead	208-1	0.04	0.05	0.05	0.05	4.19	ppb
Lithium	6-1				92		%
Magnesium	24-2	7218.30	7254.74	7181.08	7218.04	0.51	ppb
Manganese	55-2	4340.14	4281.84	4333.32	4318.43	0.74	ppb
Molybdenum	94-1	0.17	0.18	0.18	0.18	3.15	ppb
Molybdenum	95-1	0.30	0.32	0.30	0.31	4.40	ppb
Molybdenum	96-1	0.41	0.41	0.36	0.39	6.45	ppb
Molybdenum	97-1	0.18	0.18	0.17	0.18	2.31	ppb
Molybdenum	98-1	0.15	0.15	0.15	0.15	1.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.60	4.47	4.63	4.57	1.79	ppb
Phosphorus	31-2	-7.43	-12.57	-15.74	-11.91		ppb
Potassium	39-2	579.92	577.20	579.59	578.90	0.26	ppb
Rhodium	103-1				91		%
Rhodium	103-2				93		%
Scandium	45-1				94		%
Scandium	45-2				94		%
Selenium	82-1	0.34	0.14	0.24	0.24	42.45	ppb
Selenium	77-2	0.61	1.79	0.02	0.81	111.92	ppb
Selenium	78-2	-0.02	-0.05	-0.21	-0.09		ppb
Silicon	28-1	188.53	179.76	175.10	181.13	3.76	ppb
Silver	107-1	0.68	0.67	0.64	0.66	2.81	ppb
Silver	109-1	0.00	0.01	0.01	0.00	47.88	ppb
Sodium	23-2	10800.91	10690.89	10485.26	10659.02	1.50	ppb
Strontium	86-1	273.88	267.88	261.99	267.92	2.22	ppb
Strontium	88-1	265.31	262.44	255.01	260.92	2.04	ppb
Sulfur	34-1	125124.47	120675.41	116539.09	120779.66	3.55	ppb
Terbium	159-1				94		%
Terbium	159-2				92		%
Thallium	203-1	0.01	0.01	0.01	0.01	24.90	ppb
Thallium	205-1	0.01	0.00	0.00	0.00	32.11	ppb
Tin	118-1	-0.01	0.00	0.00	0.00		ppb
Titanium	47-1	0.73	0.57	0.60	0.63	12.88	ppb

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	O4627-22DLX5	Instrumnet Name :	P7
Client Sample ID :	280-300FB-BACKFILL-11	Dilution Factor :	5
Date & Time Acquired :	2023-10-04 14:55:21	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.46	0.44	0.44	0.45	2.90	ppb
Vanadium	51-2	0.27	0.30	0.26	0.28	7.49	ppb
Yttrium	89-1				97		%
Yttrium	89-2				96		%
Zinc	66-2	102.02	100.89	101.79	101.56	0.59	ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	9.73	ppb
Zirconium	91-1	0.02	0.01	-0.01	0.01	166.36	ppb

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	O4627-24DLX5	Instrumnet Name :	P7
Client Sample ID :	280-300FB-BACKFILL-12	Dilution Factor :	5
Date & Time Acquired :	2023-10-04 14:58:29	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.99	8.83	9.80	9.20	5.64	ppb
Antimony	121-1	0.02	0.02	0.03	0.03	22.07	ppb
Arsenic	75-2	0.07	0.15	0.16	0.13	37.67	ppb
Barium	135-1	17.97	18.35	18.50	18.27	1.49	ppb
Barium	137-1	18.53	18.39	18.43	18.45	0.38	ppb
Beryllium	9-1	0.03	0.01	0.03	0.03	40.28	ppb
Bismuth	209-1				88		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.24	0.38	0.29	0.30	22.49	ppb
Cadmium	106-1	0.02	-0.10	-0.95	-0.34		ppb
Cadmium	111-1	0.07	0.09	0.07	0.08	13.99	ppb
Calcium	43-1	144420.91	150096.86	151057.73	148525.16	2.41	ppb
Calcium	44-1	144688.32	147273.73	147459.46	146473.84	1.06	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	0.04	0.05	0.04	37.42	ppb
Cobalt	59-2	19.80	19.72	20.04	19.85	0.84	ppb
Copper	63-2	0.53	0.51	0.50	0.52	2.44	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				97		%
Holmium	165-2				93		%
Indium	115-1				96		%
Indium	115-2				94		%
Iron	56-2	10788.28	10530.51	10804.01	10707.60	1.43	ppb
Iron	57-2	12301.59	12066.30	12304.50	12224.13	1.12	ppb
Iron	54-2	10934.54	10675.65	10927.98	10846.06	1.36	ppb
Krypton	83-1						cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	O4627-24DLX5	Instrumnet Name :	P7
Client Sample ID :	280-300FB-BACKFILL-12	Dilution Factor :	5
Date & Time Acquired :	2023-10-04 14:58:29	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.02	0.02	0.03	0.02	29.39	ppb
Lead	207-1	0.04	0.03	0.02	0.03	29.65	ppb
Lead	208-1	0.03	0.02	0.03	0.03	16.83	ppb
Lithium	6-1				92		%
Magnesium	24-2	7141.48	6767.25	7052.48	6987.07	2.80	ppb
Manganese	55-2	4299.16	4121.28	4216.00	4212.15	2.11	ppb
Molybdenum	94-1	0.14	0.13	0.16	0.15	8.29	ppb
Molybdenum	95-1	0.31	0.28	0.31	0.30	5.84	ppb
Molybdenum	96-1	0.27	0.28	0.26	0.27	3.38	ppb
Molybdenum	97-1	0.14	0.13	0.13	0.13	1.05	ppb
Molybdenum	98-1	0.14	0.15	0.12	0.13	12.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.23	4.07	4.04	4.12	2.44	ppb
Phosphorus	31-2	-7.74	-10.19	-14.82	-10.91		ppb
Potassium	39-2	579.89	573.37	581.59	578.28	0.75	ppb
Rhodium	103-1				92		%
Rhodium	103-2				94		%
Scandium	45-1				96		%
Scandium	45-2				94		%
Selenium	82-1	0.21	0.02	0.35	0.19	87.50	ppb
Selenium	77-2	0.32	-0.28	-0.28	-0.08		ppb
Selenium	78-2	0.20	-0.05	-1.07	-0.30		ppb
Silicon	28-1	160.96	165.74	167.47	164.72	2.05	ppb
Silver	107-1	0.65	0.65	0.65	0.65	0.54	ppb
Silver	109-1	0.00	0.00	0.00	0.00	22.03	ppb
Sodium	23-2	11023.69	10883.29	11018.34	10975.11	0.72	ppb
Strontium	86-1	262.86	265.20	262.45	263.50	0.56	ppb
Strontium	88-1	260.82	257.41	253.84	257.36	1.36	ppb
Sulfur	34-1	112133.44	113565.67	115689.55	113796.22	1.57	ppb
Terbium	159-1				95		%
Terbium	159-2				91		%
Thallium	203-1	0.00	0.01	0.00	0.00	132.01	ppb
Thallium	205-1	0.00	0.00	0.01	0.00	70.70	ppb
Tin	118-1	0.00	-0.05	0.00	-0.01		ppb
Titanium	47-1	0.53	0.63	0.60	0.58	8.49	ppb

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	O4627-24DLX5	Instrumnet Name :	P7
Client Sample ID :	280-300FB-BACKFILL-12	Dilution Factor :	5
Date & Time Acquired :	2023-10-04 14:58:29	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.56	0.56	0.56	0.56	0.39	ppb
Vanadium	51-2	0.21	0.19	0.18	0.19	5.99	ppb
Yttrium	89-1				98		%
Yttrium	89-2				96		%
Zinc	66-2	89.02	87.59	89.81	88.81	1.27	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	23.67	ppb
Zirconium	91-1	0.01	0.00	0.01	0.01	68.57	ppb

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	O4627-26DLX5	Instrumnet Name :	P7
Client Sample ID :	280-300FB-BACKFILL-11	Dilution Factor :	5
Date & Time Acquired :	2023-10-04 15:01:36	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12.15	14.08	12.98	13.07	7.43	ppb
Antimony	121-1	0.02	0.02	0.02	0.02	11.35	ppb
Arsenic	75-2	0.19	0.19	0.10	0.16	30.29	ppb
Barium	135-1	18.21	18.19	17.81	18.07	1.26	ppb
Barium	137-1	18.51	18.52	18.23	18.42	0.90	ppb
Beryllium	9-1	0.03	0.05	0.02	0.03	43.03	ppb
Bismuth	209-1				89		%
Bismuth	209-2				91		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.29	0.25	0.17	0.24	25.18	ppb
Cadmium	106-1	0.98	-0.10	-1.69	-0.27		ppb
Cadmium	111-1	0.22	0.11	0.00	0.11	99.54	ppb
Calcium	43-1	158359.73	160874.62	160771.90	160002.08	0.89	ppb
Calcium	44-1	157507.98	160481.15	159656.41	159215.18	0.96	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	0.09	0.06	0.06	43.95	ppb
Cobalt	59-2	22.38	22.26	22.39	22.35	0.33	ppb
Copper	63-2	0.72	0.81	0.77	0.77	6.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				92		%
Indium	115-1				96		%
Indium	115-2				94		%
Iron	56-2	12571.32	12542.61	12560.97	12558.30	0.12	ppb
Iron	57-2	14333.13	14353.89	14347.75	14344.92	0.07	ppb
Iron	54-2	12600.86	12955.39	12564.71	12706.99	1.70	ppb
Krypton	83-1						cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	O4627-26DLX5	Instrumnet Name :	P7
Client Sample ID :	280-300FB-BACKFILL-11	Dilution Factor :	5
Date & Time Acquired :	2023-10-04 15:01:36	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.03	0.04	0.04	0.04	5.83	ppb
Lead	207-1	0.04	0.03	0.04	0.04	14.63	ppb
Lead	208-1	0.04	0.03	0.04	0.04	10.19	ppb
Lithium	6-1				92		%
Magnesium	24-2	7544.98	7629.42	7576.34	7583.58	0.56	ppb
Manganese	55-2	4735.28	4676.55	4631.47	4681.10	1.11	ppb
Molybdenum	94-1	0.17	0.13	0.15	0.15	14.05	ppb
Molybdenum	95-1	0.30	0.31	0.30	0.30	1.70	ppb
Molybdenum	96-1	0.30	0.33	0.31	0.31	4.85	ppb
Molybdenum	97-1	0.13	0.16	0.15	0.15	12.40	ppb
Molybdenum	98-1	0.15	0.14	0.15	0.14	2.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.77	4.88	4.62	4.75	2.77	ppb
Phosphorus	31-2	-12.26	-10.99	-10.38	-11.21		ppb
Potassium	39-2	639.49	647.76	622.86	636.70	1.99	ppb
Rhodium	103-1				91		%
Rhodium	103-2				94		%
Scandium	45-1				97		%
Scandium	45-2				94		%
Selenium	82-1	-0.11	0.38	0.35	0.21	133.47	ppb
Selenium	77-2	0.30	0.31	0.02	0.21	78.36	ppb
Selenium	78-2	0.42	-0.02	0.55	0.32	94.52	ppb
Silicon	28-1	176.39	178.72	175.08	176.73	1.04	ppb
Silver	107-1	0.71	0.73	0.71	0.72	1.58	ppb
Silver	109-1	0.00	0.00	0.01	0.00	14.60	ppb
Sodium	23-2	12366.99	12414.59	12457.88	12413.16	0.37	ppb
Strontium	86-1	285.37	292.53	294.59	290.83	1.66	ppb
Strontium	88-1	280.32	286.59	286.37	284.43	1.25	ppb
Sulfur	34-1	123110.29	124113.00	123231.13	123484.81	0.44	ppb
Terbium	159-1				95		%
Terbium	159-2				91		%
Thallium	203-1	0.00	0.00	0.00	0.00	77.82	ppb
Thallium	205-1	0.01	0.00	0.00	0.00	91.72	ppb
Tin	118-1	-0.02	0.04	0.05	0.02	165.22	ppb
Titanium	47-1	0.57	0.58	0.62	0.59	4.17	ppb

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	O4627-26DLX5	Instrumnet Name :	P7
Client Sample ID :	280-300FB-BACKFILL-13	Dilution Factor :	5
Date & Time Acquired :	2023-10-04 15:01:36	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.55	0.55	0.56	0.55	0.95	ppb
Vanadium	51-2	0.17	0.21	0.19	0.19	9.17	ppb
Yttrium	89-1				99		%
Yttrium	89-2				96		%
Zinc	66-2	106.98	106.35	105.82	106.38	0.55	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	19.27	ppb
Zirconium	91-1	0.00	0.01	0.01	0.01	59.88	ppb

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	O4627-28DLX5	Instrumnet Name :	P7
Client Sample ID :	280-300FB-BACKFILL-14	Dilution Factor :	5
Date & Time Acquired :	2023-10-04 15:04:46	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	43.07	45.31	43.54	43.97	2.68	ppb
Antimony	121-1	0.03	0.02	0.02	0.02	15.64	ppb
Arsenic	75-2	0.23	0.19	0.14	0.19	23.83	ppb
Barium	135-1	19.98	20.34	20.23	20.19	0.92	ppb
Barium	137-1	20.11	20.29	20.28	20.23	0.50	ppb
Beryllium	9-1	0.02	0.06	0.02	0.03	67.38	ppb
Bismuth	209-1				88		%
Bismuth	209-2				91		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.13	0.38	0.13	0.22	65.00	ppb
Cadmium	106-1	-1.22	0.85	1.06	0.23	552.04	ppb
Cadmium	111-1	0.05	0.19	0.19	0.14	57.37	ppb
Calcium	43-1	152722.31	149874.15	148448.31	150348.26	1.45	ppb
Calcium	44-1	150459.79	149980.56	148732.23	149724.20	0.60	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	0.09	0.04	0.05	70.08	ppb
Cobalt	59-2	21.53	21.25	21.16	21.31	0.89	ppb
Copper	63-2	0.89	0.88	0.80	0.86	5.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				92		%
Indium	115-1				96		%
Indium	115-2				95		%
Iron	56-2	19104.56	18812.99	18922.16	18946.57	0.78	ppb
Iron	57-2	21039.79	20929.98	20919.99	20963.25	0.32	ppb
Iron	54-2	19098.05	18977.16	18892.92	18989.37	0.54	ppb
Krypton	83-1						cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	O4627-28DLX5	Instrumnet Name :	P7
Client Sample ID :	280-300FB-BACKFILL-14	Dilution Factor :	5
Date & Time Acquired :	2023-10-04 15:04:46	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.02	0.01	0.02	0.02	19.39	ppb
Lead	207-1	0.02	0.01	0.01	0.01	26.51	ppb
Lead	208-1	0.02	0.02	0.02	0.02	14.37	ppb
Lithium	6-1				93		%
Magnesium	24-2	7178.26	7268.99	7115.56	7187.60	1.07	ppb
Manganese	55-2	4444.88	4411.97	4379.06	4411.97	0.75	ppb
Molybdenum	94-1	0.13	0.13	0.14	0.14	4.56	ppb
Molybdenum	95-1	0.29	0.28	0.30	0.29	3.27	ppb
Molybdenum	96-1	0.34	0.38	0.38	0.37	5.37	ppb
Molybdenum	97-1	0.13	0.14	0.13	0.13	6.85	ppb
Molybdenum	98-1	0.11	0.11	0.10	0.11	4.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.42	4.49	4.27	4.39	2.54	ppb
Phosphorus	31-2	-16.18	-11.89	-11.48	-13.18		ppb
Potassium	39-2	579.29	567.89	579.33	575.50	1.15	ppb
Rhodium	103-1				93		%
Rhodium	103-2				95		%
Scandium	45-1				97		%
Scandium	45-2				95		%
Selenium	82-1	0.01	-0.20	-0.17	-0.12		ppb
Selenium	77-2	0.01	0.01	0.90	0.31	166.53	ppb
Selenium	78-2	0.41	-0.85	-0.76	-0.40		ppb
Silicon	28-1	184.86	185.87	182.60	184.44	0.91	ppb
Silver	107-1	0.66	0.66	0.66	0.66	0.60	ppb
Silver	109-1	0.00	0.00	0.00	0.00	25.78	ppb
Sodium	23-2	10183.52	10429.44	10303.13	10305.36	1.19	ppb
Strontium	86-1	260.52	261.88	264.09	262.16	0.69	ppb
Strontium	88-1	256.39	256.35	257.89	256.88	0.34	ppb
Sulfur	34-1	121554.00	121418.58	118770.55	120581.05	1.30	ppb
Terbium	159-1				95		%
Terbium	159-2				90		%
Thallium	203-1	0.00	0.00	0.00	0.00	93.32	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	434.50	ppb
Tin	118-1	0.01	-0.01	-0.02	-0.01		ppb
Titanium	47-1	0.54	0.68	0.61	0.61	11.42	ppb

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	O4627-28DLX5	Instrumnet Name :	P7
Client Sample ID :	280-300FB-BACKFILL-14	Dilution Factor :	5
Date & Time Acquired :	2023-10-04 15:04:46	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.37	0.35	0.37	0.36	2.70	ppb
Vanadium	51-2	0.26	0.29	0.29	0.28	7.14	ppb
Yttrium	89-1				99		%
Yttrium	89-2				97		%
Zinc	66-2	97.04	100.09	96.32	97.82	2.04	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	11.39	ppb
Zirconium	91-1	0.00	0.01	0.00	0.00	143.25	ppb

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	O4627-28DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	280-300FB-BACKFILL-14	Dilution Factor :	5
Date & Time Acquired :	2023-10-04 15:07:54	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	44.88	44.84	43.51	44.41	1.76	ppb
Antimony	121-1	0.02	0.02	0.02	0.02	11.92	ppb
Arsenic	75-2	0.11	0.21	0.17	0.16	30.59	ppb
Barium	135-1	19.62	19.91	19.76	19.76	0.74	ppb
Barium	137-1	19.56	20.07	20.07	19.90	1.48	ppb
Beryllium	9-1	0.01	0.05	0.05	0.03	59.37	ppb
Bismuth	209-1				87		%
Bismuth	209-2				91		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.18	0.16	0.20	0.18	12.95	ppb
Cadmium	106-1	0.91	0.52	2.87	1.43	88.05	ppb
Cadmium	111-1	0.21	0.18	0.35	0.25	36.87	ppb
Calcium	43-1	149166.94	149368.74	152643.23	150392.97	1.30	ppb
Calcium	44-1	148512.36	150065.85	148371.56	148983.26	0.63	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.06	0.09	-0.02	0.04	123.85	ppb
Cobalt	59-2	21.24	21.14	21.06	21.15	0.43	ppb
Copper	63-2	0.83	0.90	0.78	0.84	7.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				92		%
Indium	115-1				96		%
Indium	115-2				95		%
Iron	56-2	18802.15	18831.32	19070.53	18901.33	0.78	ppb
Iron	57-2	20792.47	21014.42	21016.40	20941.10	0.61	ppb
Iron	54-2	18932.65	19019.73	18960.35	18970.91	0.23	ppb
Krypton	83-1						cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	O4627-28DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	280-300FB-BACKFILL-14	Dilution Factor :	5
Date & Time Acquired :	2023-10-04 15:07:54	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.02	0.02	0.01	0.02	31.91	ppb
Lead	207-1	0.01	0.01	0.02	0.01	34.33	ppb
Lead	208-1	0.02	0.02	0.02	0.02	6.23	ppb
Lithium	6-1				91		%
Magnesium	24-2	7032.87	7230.91	7072.20	7111.99	1.47	ppb
Manganese	55-2	4381.47	4392.17	4430.12	4401.25	0.58	ppb
Molybdenum	94-1	0.15	0.15	0.15	0.15	1.46	ppb
Molybdenum	95-1	0.28	0.25	0.28	0.27	5.71	ppb
Molybdenum	96-1	0.34	0.36	0.32	0.34	6.69	ppb
Molybdenum	97-1	0.15	0.12	0.15	0.14	12.99	ppb
Molybdenum	98-1	0.11	0.09	0.10	0.10	6.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.49	4.52	4.45	4.49	0.83	ppb
Phosphorus	31-2	-12.72	-13.18	-10.94	-12.28		ppb
Potassium	39-2	568.31	575.11	575.02	572.81	0.68	ppb
Rhodium	103-1				92		%
Rhodium	103-2				94		%
Scandium	45-1				96		%
Scandium	45-2				94		%
Selenium	82-1	0.22	0.46	0.33	0.34	34.99	ppb
Selenium	77-2	0.88	0.89	-0.28	0.50	136.31	ppb
Selenium	78-2	-0.74	0.18	0.84	0.09	860.61	ppb
Silicon	28-1	183.12	183.59	185.02	183.91	0.54	ppb
Silver	107-1	0.64	0.64	0.66	0.65	1.76	ppb
Silver	109-1	0.00	0.00	0.00	0.00	104.36	ppb
Sodium	23-2	10066.43	10322.47	10131.37	10173.42	1.31	ppb
Strontium	86-1	258.94	260.65	263.67	261.09	0.92	ppb
Strontium	88-1	254.43	252.11	256.18	254.24	0.80	ppb
Sulfur	34-1	118223.82	120595.18	117723.71	118847.57	1.29	ppb
Terbium	159-1				95		%
Terbium	159-2				91		%
Thallium	203-1	0.00	0.00	0.01	0.00	48.98	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	45.63	ppb
Tin	118-1	-0.01	-0.04	-0.03	-0.02		ppb
Titanium	47-1	0.57	0.71	0.63	0.64	10.99	ppb

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	O4627-28DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	280-300FB-BACKFILL-14	Dilution Factor :	5
Date & Time Acquired :	2023-10-04 15:07:54	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.35	0.36	0.36	0.36	1.47	ppb
Vanadium	51-2	0.28	0.27	0.29	0.28	3.48	ppb
Yttrium	89-1				99		%
Yttrium	89-2				97		%
Zinc	66-2	96.04	97.57	98.20	97.27	1.14	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	2.74	ppb
Zirconium	91-1	0.02	0.00	0.00	0.01	138.01	ppb

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	O4627-28LDLX5	Instrumnet Name :	P7
Client Sample ID :	280-300FB-BACKFILL-14	Dilution Factor :	5
Date & Time Acquired :	2023-10-04 15:11:04	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.92	7.86	8.74	8.17	6.01	ppb
Antimony	121-1	0.00	0.01	0.01	0.01	57.22	ppb
Arsenic	75-2	0.07	0.06	0.00	0.05	80.82	ppb
Barium	135-1	4.03	4.10	3.96	4.03	1.72	ppb
Barium	137-1	4.20	4.15	4.25	4.20	1.16	ppb
Beryllium	9-1	0.03	0.01	0.01	0.02	85.86	ppb
Bismuth	209-1				89		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.21	0.03	-0.02	0.07	169.57	ppb
Cadmium	106-1	2.92	0.74	0.17	1.28	113.52	ppb
Cadmium	111-1	0.26	0.08	0.04	0.13	89.10	ppb
Calcium	43-1	32370.71	32268.49	31921.42	32186.87	0.73	ppb
Calcium	44-1	30118.80	29775.89	29298.56	29731.08	1.39	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	0.01	0.01	0.00	434.23	ppb
Cobalt	59-2	4.18	4.32	4.27	4.26	1.68	ppb
Copper	63-2	0.13	0.14	0.15	0.14	7.01	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				91		%
Indium	115-1				97		%
Indium	115-2				95		%
Iron	56-2	3808.73	3773.46	3719.92	3767.37	1.19	ppb
Iron	57-2	4201.34	4185.37	4154.95	4180.55	0.56	ppb
Iron	54-2	4071.02	4089.70	4013.95	4058.22	0.97	ppb
Krypton	83-1						cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	O4627-28LDLX5	Instrumnet Name :	P7
Client Sample ID :	280-300FB-BACKFILL-14	Dilution Factor :	5
Date & Time Acquired :	2023-10-04 15:11:04	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.01	0.00	0.01	0.01	103.41	ppb
Lead	207-1	0.01	0.00	0.00	0.00	534.16	ppb
Lead	208-1	0.01	0.00	0.01	0.01	97.27	ppb
Lithium	6-1				92		%
Magnesium	24-2	1493.29	1506.99	1490.62	1496.97	0.59	ppb
Manganese	55-2	882.48	900.70	867.06	883.42	1.91	ppb
Molybdenum	94-1	0.06	0.05	0.05	0.05	8.85	ppb
Molybdenum	95-1	0.08	0.07	0.06	0.07	9.96	ppb
Molybdenum	96-1	0.08	0.07	0.08	0.08	7.02	ppb
Molybdenum	97-1	0.04	0.03	0.03	0.03	12.73	ppb
Molybdenum	98-1	0.02	0.03	0.02	0.02	18.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.87	0.84	0.82	0.84	3.07	ppb
Phosphorus	31-2	-9.10	-14.43	-10.11	-11.21		ppb
Potassium	39-2	111.22	111.38	110.45	111.02	0.45	ppb
Rhodium	103-1				95		%
Rhodium	103-2				97		%
Scandium	45-1				98		%
Scandium	45-2				96		%
Selenium	82-1	-0.19	0.23	-0.20	-0.05		ppb
Selenium	77-2	0.01	-0.28	0.01	-0.09		ppb
Selenium	78-2	0.22	-0.69	-1.49	-0.65		ppb
Silicon	28-1	36.96	37.13	35.91	36.67	1.80	ppb
Silver	107-1	0.14	0.14	0.14	0.14	1.02	ppb
Silver	109-1	0.00	0.00	0.00	0.00	121.90	ppb
Sodium	23-2	2189.87	2189.54	2158.91	2179.44	0.82	ppb
Strontium	86-1	53.57	53.11	53.00	53.23	0.57	ppb
Strontium	88-1	52.59	52.62	53.00	52.74	0.43	ppb
Sulfur	34-1	24066.32	24027.19	23835.59	23976.37	0.52	ppb
Terbium	159-1				94		%
Terbium	159-2				90		%
Thallium	203-1	0.01	0.00	0.00	0.00	187.21	ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	-0.02	0.02	0.01	0.00	436.71	ppb
Titanium	47-1	0.18	0.11	0.15	0.15	23.84	ppb

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	O4627-28LDLX5	Instrumnet Name :	P7
Client Sample ID :	280-300FB-BACKFILL-14	Dilution Factor :	5
Date & Time Acquired :	2023-10-04 15:11:04	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.07	0.06	0.07	0.07	9.53	ppb
Vanadium	51-2	0.07	0.05	0.06	0.06	15.27	ppb
Yttrium	89-1				98		%
Yttrium	89-2				96		%
Zinc	66-2	19.40	20.46	20.74	20.20	3.49	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	852.40	ppb
Zirconium	91-1	0.01	-0.01	0.00	0.00		ppb

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	O4627-28MSDLX5	Instrumnet Name :	P7
Client Sample ID :	280-300FB-BACKFILL-14	Dilution Factor :	5
Date & Time Acquired :	2023-10-04 15:14:16	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2048.36	2081.08	2094.17	2074.54	1.14	ppb
Antimony	121-1	112.53	114.48	113.03	113.35	0.89	ppb
Arsenic	75-2	100.45	104.03	103.80	102.76	1.95	ppb
Barium	135-1	528.51	533.76	533.16	531.81	0.54	ppb
Barium	137-1	537.02	559.16	542.27	546.15	2.12	ppb
Beryllium	9-1	109.53	109.65	110.81	110.00	0.64	ppb
Bismuth	209-1				88		%
Bismuth	209-2				89		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	112.85	118.65	111.62	114.38	3.29	ppb
Cadmium	106-1	114.36	117.64	116.36	116.12	1.42	ppb
Cadmium	111-1	119.04	120.51	118.40	119.32	0.91	ppb
Calcium	43-1	149602.28	153026.49	152613.11	151747.29	1.23	ppb
Calcium	44-1	147326.86	152615.99	150388.06	150110.30	1.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	101.89	102.31	102.49	102.23	0.30	ppb
Cobalt	59-2	123.50	127.40	126.83	125.91	1.67	ppb
Copper	63-2	944.60	952.99	949.28	948.96	0.44	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				96		%
Holmium	165-2				90		%
Indium	115-1				95		%
Indium	115-2				93		%
Iron	56-2	20948.61	21163.72	21181.08	21097.80	0.61	ppb
Iron	57-2	23023.32	23541.62	23439.72	23334.89	1.18	ppb
Iron	54-2	20568.70	21547.71	21686.85	21267.75	2.87	ppb
Krypton	83-1						cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	O4627-28MSDLX5	Instrumnet Name :	P7
Client Sample ID :	280-300FB-BACKFILL-14	Dilution Factor :	5
Date & Time Acquired :	2023-10-04 15:14:16	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	477.14	490.99	493.31	487.15	1.80	ppb
Lead	207-1	489.18	507.86	505.59	500.88	2.03	ppb
Lead	208-1	484.30	497.06	499.95	493.77	1.69	ppb
Lithium	6-1				91		%
Magnesium	24-2	17094.73	17327.34	17280.27	17234.11	0.71	ppb
Manganese	55-2	4875.33	5039.15	5016.06	4976.85	1.78	ppb
Molybdenum	94-1	667.57	677.53	691.07	678.72	1.74	ppb
Molybdenum	95-1	583.05	594.91	603.82	593.93	1.76	ppb
Molybdenum	96-1	582.34	593.86	613.57	596.59	2.65	ppb
Molybdenum	97-1	585.00	582.40	607.87	591.76	2.37	ppb
Molybdenum	98-1	587.17	589.59	601.41	592.73	1.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	102.93	105.48	105.86	104.76	1.52	ppb
Phosphorus	31-2	-10.57	-11.98	-22.62	-15.06		ppb
Potassium	39-2	5395.31	5427.71	5429.83	5417.62	0.36	ppb
Rhodium	103-1				91		%
Rhodium	103-2				91		%
Scandium	45-1				95		%
Scandium	45-2				93		%
Selenium	82-1	107.05	107.26	108.90	107.74	0.94	ppb
Selenium	77-2	102.91	96.95	106.08	101.98	4.55	ppb
Selenium	78-2	98.89	103.77	100.94	101.20	2.42	ppb
Silicon	28-1	171.00	170.77	170.64	170.80	0.11	ppb
Silver	107-1	112.00	113.65	112.09	112.58	0.82	ppb
Silver	109-1	117.63	119.70	117.98	118.44	0.94	ppb
Sodium	23-2	20408.91	20560.05	20657.43	20542.13	0.61	ppb
Strontium	86-1	351.11	355.32	361.21	355.88	1.43	ppb
Strontium	88-1	343.58	342.80	347.03	344.47	0.65	ppb
Sulfur	34-1	110372.87	112180.72	111166.43	111240.01	0.81	ppb
Terbium	159-1				93		%
Terbium	159-2				88		%
Thallium	203-1	102.57	106.01	103.92	104.17	1.66	ppb
Thallium	205-1	99.95	107.45	105.23	104.21	3.70	ppb
Tin	118-1	103.90	105.54	105.85	105.10	1.00	ppb
Titanium	47-1	412.99	416.02	413.26	414.09	0.40	ppb

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	O4627-28MSDLX5	Instrumnet Name :	P7
Client Sample ID :	280-300FB-BACKFILL-14	Dilution Factor :	5
Date & Time Acquired :	2023-10-04 15:14:16	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	109.06	115.11	113.11	112.42	2.74	ppb
Vanadium	51-2	103.70	105.90	106.12	105.24	1.27	ppb
Yttrium	89-1				98		%
Yttrium	89-2				96		%
Zinc	66-2	1029.01	1044.32	1053.23	1042.19	1.18	ppb
Zirconium	90-1	100.84	103.00	103.00	102.28	1.22	ppb
Zirconium	91-1	101.80	101.69	104.59	102.69	1.60	ppb

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	CCV57	Instrumnet Name :	P7
Client Sample ID :	CCV57	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 15:30:05	DataFile Name :	045CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50024.47	50177.35	52022.26	50741.36	2.19	ppb
Antimony	121-1	499.74	516.67	516.18	510.86	1.89	ppb
Arsenic	75-2	462.97	456.40	466.87	462.08	1.14	ppb
Barium	135-1	2486.45	2609.32	2616.07	2570.62	2.84	ppb
Barium	137-1	2521.71	2629.17	2636.83	2595.90	2.48	ppb
Beryllium	9-1	530.05	521.36	531.92	527.78	1.07	ppb
Bismuth	209-1				82		%
Bismuth	209-2				81		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	497.78	512.58	518.77	509.71	2.12	ppb
Cadmium	106-1	508.65	523.41	521.51	517.86	1.55	ppb
Cadmium	111-1	508.72	529.71	530.01	522.81	2.33	ppb
Calcium	43-1	258006.66	257672.40	264374.52	260017.86	1.45	ppb
Calcium	44-1	252032.23	252565.99	258535.78	254378.00	1.42	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	464.16	465.76	489.08	473.00	2.95	ppb
Cobalt	59-2	455.30	452.12	478.56	461.99	3.12	ppb
Copper	63-2	4646.14	4718.91	4777.28	4714.11	1.39	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				93		%
Holmium	165-2				88		%
Indium	115-1				89		%
Indium	115-2				87		%
Iron	56-2	124521.40	125993.81	128397.38	126304.20	1.55	ppb
Iron	57-2	125297.69	124281.50	128941.54	126173.58	1.94	ppb
Iron	54-2	124832.31	125987.42	127961.77	126260.50	1.25	ppb
Krypton	83-1						cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	CCV57	Instrumnet Name :	P7
Client Sample ID :	CCV57	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 15:30:05	DataFile Name :	045CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2525.27	2583.21	2614.78	2574.42	1.76	ppb
Lead	207-1	2548.22	2590.25	2650.28	2596.25	1.98	ppb
Lead	208-1	2567.80	2579.27	2624.07	2590.38	1.15	ppb
Lithium	6-1				88		%
Magnesium	24-2	253075.08	249710.87	258112.78	253632.91	1.67	ppb
Manganese	55-2	4598.93	4634.10	4729.21	4654.08	1.45	ppb
Molybdenum	94-1	4964.48	4905.21	5071.41	4980.37	1.69	ppb
Molybdenum	95-1	4950.74	4841.93	4970.08	4920.92	1.40	ppb
Molybdenum	96-1	5031.56	4911.63	5005.99	4983.06	1.27	ppb
Molybdenum	97-1	4991.57	4991.87	5023.67	5002.37	0.37	ppb
Molybdenum	98-1	4914.09	4949.66	5034.32	4966.02	1.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	445.62	448.79	460.68	451.70	1.76	ppb
Phosphorus	31-2	9305.72	9269.99	9422.32	9332.67	0.85	ppb
Potassium	39-2	123051.81	123240.92	125264.51	123852.42	0.99	ppb
Rhodium	103-1				83		%
Rhodium	103-2				84		%
Scandium	45-1				94		%
Scandium	45-2				92		%
Selenium	82-1	477.68	473.97	486.93	479.53	1.39	ppb
Selenium	77-2	453.55	452.29	457.85	454.57	0.64	ppb
Selenium	78-2	462.19	444.64	475.83	460.89	3.39	ppb
Silicon	28-1	512.61	523.31	533.68	523.20	2.01	ppb
Silver	107-1	461.60	468.52	481.23	470.45	2.12	ppb
Silver	109-1	460.28	476.05	476.66	471.00	1.97	ppb
Sodium	23-2	250047.72	246964.71	256850.89	251287.78	2.01	ppb
Strontium	86-1	12594.39	12519.72	12832.48	12648.86	1.29	ppb
Strontium	88-1	12597.62	12604.66	12781.77	12661.35	0.82	ppb
Sulfur	34-1	9928.61	9951.86	10328.71	10069.72	2.23	ppb
Terbium	159-1				92		%
Terbium	159-2				88		%
Thallium	203-1	520.50	526.87	534.00	527.12	1.28	ppb
Thallium	205-1	510.60	512.64	508.74	510.66	0.38	ppb
Tin	118-1	514.60	528.44	525.50	522.85	1.39	ppb
Titanium	47-1	5050.36	5090.82	5181.19	5107.46	1.31	ppb

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	CCV57	Instrumnet Name :	P7
Client Sample ID :	CCV57	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 15:30:05	DataFile Name :	045CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	533.82	553.14	552.44	546.47	2.01	ppb
Vanadium	51-2	482.13	484.56	490.72	485.80	0.91	ppb
Yttrium	89-1				95		%
Yttrium	89-2				90		%
Zinc	66-2	4649.36	4668.91	4732.01	4683.43	0.92	ppb
Zirconium	90-1	510.72	504.00	509.33	508.02	0.70	ppb
Zirconium	91-1	499.86	504.97	504.64	503.16	0.57	ppb

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	CCB57	Instrumnet Name :	P7
Client Sample ID :	CCB57	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 15:37:57	DataFile Name :	046CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.87	-0.69	-0.52	-0.69		ppb
Antimony	121-1	0.13	0.13	0.16	0.14	13.09	ppb
Arsenic	75-2	-0.01	-0.01	0.03	0.01	336.02	ppb
Barium	135-1	0.03	0.01	0.02	0.02	60.84	ppb
Barium	137-1	0.03	0.02	0.03	0.02	11.97	ppb
Beryllium	9-1	0.10	0.07	0.06	0.08	29.88	ppb
Bismuth	209-1				90		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.12	0.07	0.05	0.08	47.21	ppb
Cadmium	106-1	-0.15	0.12	-1.54	-0.52		ppb
Cadmium	111-1	-0.01	0.02	-0.12	-0.03		ppb
Calcium	43-1	-2.12	-1.42	-3.76	-2.43		ppb
Calcium	44-1	-3.34	-7.35	-8.06	-6.25		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	-0.02	-0.02	-0.01		ppb
Cobalt	59-2	0.01	0.01	0.00	0.01	49.75	ppb
Copper	63-2	0.05	0.01	-0.06	0.00	8639.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				92		%
Indium	115-1				98		%
Indium	115-2				97		%
Iron	56-2	1.59	1.52	1.67	1.59	4.57	ppb
Iron	57-2	2.41	1.69	3.03	2.38	28.23	ppb
Iron	54-2	0.82	0.75	1.44	1.00	37.74	ppb
Krypton	83-1						cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	CCB57	Instrumnet Name :	P7
Client Sample ID :	CCB57	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 15:37:57	DataFile Name :	046CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.05	0.05	0.07	0.06	14.35	ppb
Lead	207-1	0.08	0.06	0.05	0.06	26.90	ppb
Lead	208-1	0.07	0.06	0.06	0.06	6.02	ppb
Lithium	6-1				94		%
Magnesium	24-2	2.07	1.92	2.17	2.05	6.25	ppb
Manganese	55-2	0.08	0.07	0.05	0.07	21.24	ppb
Molybdenum	94-1	0.15	0.18	0.15	0.16	11.53	ppb
Molybdenum	95-1	0.13	0.09	0.10	0.11	15.65	ppb
Molybdenum	96-1	0.12	0.11	0.10	0.11	7.04	ppb
Molybdenum	97-1	0.13	0.12	0.09	0.11	21.10	ppb
Molybdenum	98-1	0.12	0.11	0.10	0.11	10.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.14	-0.05	-0.10	-0.10		ppb
Phosphorus	31-2	-16.27	-7.60	-8.97	-10.95		ppb
Potassium	39-2	7.67	-0.61	3.85	3.64	113.85	ppb
Rhodium	103-1				96		%
Rhodium	103-2				99		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	82-1	-0.47	-0.33	-0.41	-0.40		ppb
Selenium	77-2	-0.28	-0.28	-0.28	-0.28		ppb
Selenium	78-2	-0.21	0.37	-0.30	-0.05		ppb
Silicon	28-1	-0.20	-0.30	-0.29	-0.26		ppb
Silver	107-1	0.02	0.02	0.01	0.02	10.19	ppb
Silver	109-1	0.03	0.02	0.02	0.02	32.38	ppb
Sodium	23-2	31.84	29.52	29.24	30.20	4.73	ppb
Strontium	86-1	0.13	0.08	0.07	0.09	28.98	ppb
Strontium	88-1	0.14	0.10	0.09	0.11	24.91	ppb
Sulfur	34-1	-163.32	-483.27	-438.96	-361.85		ppb
Terbium	159-1				94		%
Terbium	159-2				91		%
Thallium	203-1	0.02	0.02	0.02	0.02	16.51	ppb
Thallium	205-1	0.01	0.01	0.02	0.01	4.43	ppb
Tin	118-1	0.02	0.03	0.02	0.02	24.14	ppb
Titanium	47-1	0.04	0.00	0.03	0.02	82.38	ppb

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	CCB57	Instrumnet Name :	P7
Client Sample ID :	CCB57	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 15:37:57	DataFile Name :	046CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	1.32	ppb
Vanadium	51-2	0.01	0.00	0.00	0.00	46.06	ppb
Yttrium	89-1				97		%
Yttrium	89-2				97		%
Zinc	66-2	0.07	0.12	0.17	0.12	41.65	ppb
Zirconium	90-1	0.04	0.04	0.04	0.04	1.15	ppb
Zirconium	91-1	0.06	0.05	0.04	0.05	12.35	ppb

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	PB155984TB	Instrumnet Name :	P7
Client Sample ID :	PB155984TB	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 15:41:14	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.17	-0.97	-1.15	-1.10		ppb
Antimony	121-1	0.04	0.04	0.05	0.04	15.48	ppb
Arsenic	75-2	0.00	0.00	0.01	0.01	83.66	ppb
Barium	135-1	0.01	0.00	0.00	0.00	209.52	ppb
Barium	137-1	0.00	0.02	0.01	0.01	61.41	ppb
Beryllium	9-1	0.04	0.04	0.06	0.05	30.97	ppb
Bismuth	209-1				90		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.02	0.03	0.03	0.03	7.95	ppb
Cadmium	106-1	0.24	-0.63	-0.62	-0.34		ppb
Cadmium	111-1	0.02	-0.05	-0.05	-0.02		ppb
Calcium	43-1	-3.11	-5.03	-3.81	-3.98		ppb
Calcium	44-1	-10.86	-9.13	-9.76	-9.92		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	0.03	0.00	0.00	822.54	ppb
Cobalt	59-2	0.00	0.00	0.01	0.00	194.97	ppb
Copper	63-2	-0.03	-0.01	-0.03	-0.02		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				91		%
Indium	115-1				98		%
Indium	115-2				96		%
Iron	56-2	0.60	0.69	0.57	0.62	10.15	ppb
Iron	57-2	0.42	2.16	0.72	1.10	84.48	ppb
Iron	54-2	-0.17	-0.44	-0.84	-0.48		ppb
Krypton	83-1						cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	PB155984TB	Instrumnet Name :	P7
Client Sample ID :	PB155984TB	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 15:41:14	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.02	0.03	0.02	0.02	25.66	ppb
Lead	207-1	0.04	0.04	0.02	0.03	36.88	ppb
Lead	208-1	0.04	0.03	0.02	0.03	19.57	ppb
Lithium	6-1				94		%
Magnesium	24-2	0.44	0.15	0.46	0.35	50.15	ppb
Manganese	55-2	0.03	0.03	0.01	0.02	30.46	ppb
Molybdenum	94-1	0.04	0.05	0.05	0.05	8.62	ppb
Molybdenum	95-1	0.04	0.04	0.04	0.04	5.52	ppb
Molybdenum	96-1	0.04	0.03	0.02	0.03	20.94	ppb
Molybdenum	97-1	0.05	0.03	0.04	0.04	26.26	ppb
Molybdenum	98-1	0.02	0.03	0.03	0.03	13.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.09	-0.07	-0.09	-0.08		ppb
Phosphorus	31-2	-6.35	-17.52	-18.20	-14.02		ppb
Potassium	39-2	5.26	2.97	0.97	3.07	69.97	ppb
Rhodium	103-1				96		%
Rhodium	103-2				99		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	82-1	-0.19	-0.44	-0.53	-0.38		ppb
Selenium	77-2	-0.28	-0.28	-0.28	-0.28		ppb
Selenium	78-2	-0.01	0.22	-0.52	-0.10		ppb
Silicon	28-1	-0.37	-0.20	-0.27	-0.28		ppb
Silver	107-1	0.01	0.01	0.01	0.01	6.59	ppb
Silver	109-1	0.01	0.01	0.01	0.01	32.76	ppb
Sodium	23-2	23.08	21.59	21.71	22.13	3.74	ppb
Strontium	86-1	-0.03	0.01	-0.02	-0.01		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	26.44	ppb
Sulfur	34-1	-529.12	-2.25	-340.06	-290.48		ppb
Terbium	159-1				94		%
Terbium	159-2				91		%
Thallium	203-1	0.01	0.01	0.01	0.01	11.94	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	25.95	ppb
Tin	118-1	0.02	0.04	0.02	0.02	44.09	ppb
Titanium	47-1	0.01	0.01	-0.01	0.00	631.12	ppb

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	PB155984TB	Instrumnet Name :	P7
Client Sample ID :	PB155984TB	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 15:41:14	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	91.72	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	281.72	ppb
Yttrium	89-1				97		%
Yttrium	89-2				95		%
Zinc	66-2	-0.12	0.04	-0.17	-0.08		ppb
Zirconium	90-1	0.01	0.02	0.02	0.01	21.17	ppb
Zirconium	91-1	0.00	0.02	0.01	0.01	88.42	ppb

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	O4627-28MSDDLX5	Instrumnet Name :	P7
Client Sample ID :	280-300FB-BACKFILL-14	Dilution Factor :	5
Date & Time Acquired :	2023-10-04 15:44:31	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2145.93	2072.93	1886.17	2035.01	6.58	ppb
Antimony	121-1	114.02	113.71	111.78	113.17	1.07	ppb
Arsenic	75-2	105.71	103.87	94.57	101.38	5.89	ppb
Barium	135-1	536.13	530.65	522.68	529.82	1.28	ppb
Barium	137-1	557.06	555.40	543.35	551.94	1.35	ppb
Beryllium	9-1	107.57	110.70	108.59	108.95	1.46	ppb
Bismuth	209-1				88		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	114.17	112.15	109.70	112.01	2.00	ppb
Cadmium	106-1	118.84	113.59	111.44	114.62	3.32	ppb
Cadmium	111-1	120.10	119.71	117.35	119.05	1.25	ppb
Calcium	43-1	151376.61	151058.29	153567.43	152000.78	0.90	ppb
Calcium	44-1	151477.63	151423.99	150288.23	151063.29	0.44	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	106.15	102.21	93.27	100.54	6.56	ppb
Cobalt	59-2	130.61	126.78	114.43	123.94	6.82	ppb
Copper	63-2	974.00	949.48	860.64	928.04	6.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				95		%
Indium	115-1				95		%
Indium	115-2				95		%
Iron	56-2	21799.11	21140.13	19237.12	20725.46	6.42	ppb
Iron	57-2	24184.17	23458.35	21168.24	22936.92	6.86	ppb
Iron	54-2	21744.47	21531.42	19542.73	20939.54	5.80	ppb
Krypton	83-1						cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	O4627-28MSDDLX5	Instrumnet Name :	P7
Client Sample ID :	280-300FB-BACKFILL-14	Dilution Factor :	5
Date & Time Acquired :	2023-10-04 15:44:31	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	491.95	489.98	473.75	485.23	2.06	ppb
Lead	207-1	507.92	516.10	490.16	504.73	2.63	ppb
Lead	208-1	497.06	502.56	483.13	494.25	2.03	ppb
Lithium	6-1				94		%
Magnesium	24-2	17788.66	17312.56	15638.49	16913.23	6.68	ppb
Manganese	55-2	5189.13	5005.80	4484.96	4893.30	7.47	ppb
Molybdenum	94-1	687.26	697.25	684.06	689.52	1.00	ppb
Molybdenum	95-1	605.40	606.48	595.76	602.55	0.98	ppb
Molybdenum	96-1	614.66	608.65	602.71	608.67	0.98	ppb
Molybdenum	97-1	602.94	602.83	585.97	597.25	1.64	ppb
Molybdenum	98-1	602.15	601.16	592.53	598.61	0.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	109.63	105.12	94.12	102.96	7.75	ppb
Phosphorus	31-2	-15.88	-10.80	-13.42	-13.37		ppb
Potassium	39-2	5589.26	5457.82	4937.45	5328.17	6.47	ppb
Rhodium	103-1				91		%
Rhodium	103-2				93		%
Scandium	45-1				96		%
Scandium	45-2				95		%
Selenium	82-1	109.72	109.40	108.03	109.05	0.83	ppb
Selenium	77-2	111.21	101.30	85.65	99.39	12.97	ppb
Selenium	78-2	102.88	98.58	82.72	94.73	11.21	ppb
Silicon	28-1	173.46	172.42	168.35	171.41	1.57	ppb
Silver	107-1	114.04	112.81	111.41	112.75	1.17	ppb
Silver	109-1	120.01	119.21	116.82	118.68	1.40	ppb
Sodium	23-2	21218.80	20335.28	18611.31	20055.13	6.61	ppb
Strontium	86-1	355.96	359.80	347.84	354.53	1.72	ppb
Strontium	88-1	347.16	348.80	339.32	345.09	1.47	ppb
Sulfur	34-1	112508.93	114240.63	111679.08	112809.55	1.16	ppb
Terbium	159-1				94		%
Terbium	159-2				93		%
Thallium	203-1	105.58	104.83	102.97	104.46	1.29	ppb
Thallium	205-1	102.50	107.15	99.17	102.94	3.89	ppb
Tin	118-1	105.31	105.25	104.14	104.90	0.63	ppb
Titanium	47-1	415.41	418.42	416.13	416.65	0.38	ppb

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	O4627-28MSDDLX5	Instrumnet Name :	P7
Client Sample ID :	280-300FB-BACKFILL-14	Dilution Factor :	5
Date & Time Acquired :	2023-10-04 15:44:31	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	113.04	114.28	112.56	113.30	0.78	ppb
Vanadium	51-2	108.73	104.75	95.06	102.85	6.83	ppb
Yttrium	89-1				99		%
Yttrium	89-2				98		%
Zinc	66-2	1073.26	1048.13	944.18	1021.86	6.70	ppb
Zirconium	90-1	103.43	103.41	100.88	102.58	1.43	ppb
Zirconium	91-1	103.72	104.19	103.11	103.67	0.52	ppb

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	O4627-28ADLX5	Instrumnet Name :	P7
Client Sample ID :	280-300FB-BACKFILL-14	Dilution Factor :	5
Date & Time Acquired :	2023-10-04 15:47:25	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2122.62	2112.45	2122.36	2119.14	0.27	ppb
Antimony	121-1	121.33	117.00	118.13	118.82	1.89	ppb
Arsenic	75-2	106.39	106.35	106.60	106.45	0.12	ppb
Barium	135-1	569.85	548.03	551.89	556.59	2.09	ppb
Barium	137-1	579.55	558.66	569.15	569.12	1.83	ppb
Beryllium	9-1	116.67	113.85	110.79	113.77	2.58	ppb
Bismuth	209-1				85		%
Bismuth	209-2				88		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	119.30	116.91	115.36	117.19	1.69	ppb
Cadmium	106-1	124.07	117.10	117.67	119.61	3.24	ppb
Cadmium	111-1	127.93	123.08	123.24	124.75	2.21	ppb
Calcium	43-1	162677.26	155222.78	153344.06	157081.37	3.14	ppb
Calcium	44-1	162684.54	154662.94	153866.58	157071.35	3.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	104.22	104.16	104.64	104.34	0.25	ppb
Cobalt	59-2	127.50	128.00	128.88	128.13	0.54	ppb
Copper	63-2	976.48	955.46	973.46	968.47	1.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				90		%
Indium	115-1				92		%
Indium	115-2				93		%
Iron	56-2	21476.60	21287.37	21764.29	21509.42	1.12	ppb
Iron	57-2	23790.77	23728.02	23838.36	23785.71	0.23	ppb
Iron	54-2	21745.23	21670.41	21665.60	21693.75	0.21	ppb
Krypton	83-1						cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	O4627-28ADLX5	Instrumnet Name :	P7
Client Sample ID :	280-300FB-BACKFILL-14	Dilution Factor :	5
Date & Time Acquired :	2023-10-04 15:47:25	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	514.53	502.15	495.33	504.00	1.93	ppb
Lead	207-1	520.18	514.68	505.32	513.40	1.46	ppb
Lead	208-1	518.58	503.71	501.11	507.80	1.86	ppb
Lithium	6-1				89		%
Magnesium	24-2	17474.45	17597.53	17560.11	17544.03	0.36	ppb
Manganese	55-2	5129.69	5094.84	5089.22	5104.59	0.43	ppb
Molybdenum	94-1	706.58	695.71	705.57	702.62	0.85	ppb
Molybdenum	95-1	633.27	619.17	619.07	623.84	1.31	ppb
Molybdenum	96-1	643.63	620.02	618.84	627.50	2.23	ppb
Molybdenum	97-1	629.30	614.26	605.85	616.47	1.93	ppb
Molybdenum	98-1	630.87	615.23	603.66	616.58	2.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	107.14	107.22	106.74	107.03	0.24	ppb
Phosphorus	31-2	-11.09	-17.90	-9.31	-12.77		ppb
Potassium	39-2	5484.99	5561.42	5547.68	5531.36	0.74	ppb
Rhodium	103-1				88		%
Rhodium	103-2				91		%
Scandium	45-1				92		%
Scandium	45-2				91		%
Selenium	82-1	114.18	112.25	112.19	112.87	1.00	ppb
Selenium	77-2	99.13	97.70	100.53	99.12	1.43	ppb
Selenium	78-2	99.84	102.89	105.11	102.61	2.57	ppb
Silicon	28-1	180.73	171.29	174.82	175.61	2.72	ppb
Silver	107-1	121.48	116.33	117.89	118.57	2.23	ppb
Silver	109-1	127.11	122.12	123.40	124.21	2.09	ppb
Sodium	23-2	20973.90	20746.45	20839.59	20853.31	0.55	ppb
Strontium	86-1	378.20	361.94	364.00	368.05	2.41	ppb
Strontium	88-1	365.65	350.73	351.41	355.93	2.37	ppb
Sulfur	34-1	119344.04	113319.23	111954.69	114872.65	3.42	ppb
Terbium	159-1				90		%
Terbium	159-2				89		%
Thallium	203-1	110.20	106.55	106.77	107.84	1.90	ppb
Thallium	205-1	107.10	106.69	106.71	106.83	0.22	ppb
Tin	118-1	113.47	108.10	108.13	109.90	2.81	ppb
Titanium	47-1	446.82	426.12	424.43	432.46	2.88	ppb

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	O4627-28ADLX5	Instrumnet Name :	P7
Client Sample ID :	280-300FB-BACKFILL-14	Dilution Factor :	5
Date & Time Acquired :	2023-10-04 15:47:25	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	120.41	115.12	117.53	117.69	2.25	ppb
Vanadium	51-2	106.52	106.40	106.97	106.63	0.28	ppb
Yttrium	89-1				95		%
Yttrium	89-2				94		%
Zinc	66-2	1060.44	1064.06	1061.96	1062.15	0.17	ppb
Zirconium	90-1	109.85	106.97	106.80	107.87	1.59	ppb
Zirconium	91-1	109.13	107.49	107.32	107.98	0.92	ppb

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	CCV58	Instrumnet Name :	P7
Client Sample ID :	CCV58	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 15:50:20	DataFile Name :	050CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50138.58	49442.05	51222.81	50267.81	1.79	ppb
Antimony	121-1	509.15	520.38	527.39	518.97	1.77	ppb
Arsenic	75-2	456.50	467.45	469.88	464.61	1.53	ppb
Barium	135-1	2536.05	2641.83	2605.85	2594.58	2.07	ppb
Barium	137-1	2549.64	2665.48	2678.22	2631.11	2.69	ppb
Beryllium	9-1	524.63	529.05	540.31	531.33	1.52	ppb
Bismuth	209-1				79		%
Bismuth	209-2				79		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	506.71	526.09	524.16	518.99	2.06	ppb
Cadmium	106-1	513.41	525.65	530.01	523.02	1.65	ppb
Cadmium	111-1	517.94	536.86	536.82	530.54	2.06	ppb
Calcium	43-1	254916.29	262817.86	267406.92	261713.69	2.41	ppb
Calcium	44-1	253748.78	256304.78	259397.53	256483.70	1.10	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	477.80	494.27	492.92	488.33	1.87	ppb
Cobalt	59-2	467.58	473.39	479.94	473.63	1.31	ppb
Copper	63-2	4760.72	4855.15	4900.32	4838.73	1.47	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				92		%
Holmium	165-2				86		%
Indium	115-1				88		%
Indium	115-2				85		%
Iron	56-2	129231.23	129747.65	129433.24	129470.71	0.20	ppb
Iron	57-2	128361.89	130543.99	130177.93	129694.60	0.90	ppb
Iron	54-2	128657.70	128873.24	129819.86	129116.93	0.48	ppb
Krypton	83-1						cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	CCV58	Instrumnet Name :	P7
Client Sample ID :	CCV58	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 15:50:20	DataFile Name :	050CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2620.37	2609.79	2654.76	2628.31	0.89	ppb
Lead	207-1	2678.68	2632.79	2656.68	2656.05	0.86	ppb
Lead	208-1	2635.74	2633.68	2640.10	2636.50	0.12	ppb
Lithium	6-1				86		%
Magnesium	24-2	254662.88	252674.38	262058.64	256465.30	1.93	ppb
Manganese	55-2	4802.47	4809.70	4828.08	4813.42	0.27	ppb
Molybdenum	94-1	5081.34	5001.74	5067.80	5050.29	0.84	ppb
Molybdenum	95-1	5023.75	4934.19	4963.08	4973.67	0.92	ppb
Molybdenum	96-1	5008.22	4974.10	5010.17	4997.49	0.41	ppb
Molybdenum	97-1	5061.68	5000.61	5059.10	5040.46	0.69	ppb
Molybdenum	98-1	5072.21	5043.57	5040.71	5052.16	0.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	458.06	459.40	463.42	460.30	0.61	ppb
Phosphorus	31-2	9492.32	9334.26	9544.77	9457.11	1.16	ppb
Potassium	39-2	125308.87	124119.63	127066.14	125498.21	1.18	ppb
Rhodium	103-1				83		%
Rhodium	103-2				83		%
Scandium	45-1				93		%
Scandium	45-2				89		%
Selenium	82-1	482.03	484.12	477.04	481.07	0.76	ppb
Selenium	77-2	440.76	461.35	457.21	453.11	2.40	ppb
Selenium	78-2	443.93	461.63	469.58	458.38	2.86	ppb
Silicon	28-1	505.55	523.55	533.95	521.02	2.76	ppb
Silver	107-1	465.86	477.65	479.71	474.41	1.57	ppb
Silver	109-1	461.59	479.55	472.69	471.28	1.92	ppb
Sodium	23-2	255700.12	254974.27	260304.11	256992.84	1.12	ppb
Strontium	86-1	12924.90	13037.18	12900.80	12954.29	0.56	ppb
Strontium	88-1	12861.76	12726.96	12785.91	12791.54	0.53	ppb
Sulfur	34-1	9336.34	9800.33	9895.42	9677.36	3.09	ppb
Terbium	159-1				90		%
Terbium	159-2				84		%
Thallium	203-1	524.69	529.68	539.48	531.28	1.42	ppb
Thallium	205-1	518.75	508.82	519.89	515.82	1.18	ppb
Tin	118-1	517.39	537.19	541.93	532.17	2.45	ppb
Titanium	47-1	5028.96	5119.93	5166.40	5105.10	1.37	ppb

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	CCV58	Instrumnet Name :	P7
Client Sample ID :	CCV58	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 15:50:20	DataFile Name :	050CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	552.72	561.02	568.34	560.69	1.39	ppb
Vanadium	51-2	496.20	493.76	490.42	493.46	0.59	ppb
Yttrium	89-1				94		%
Yttrium	89-2				89		%
Zinc	66-2	4712.92	4790.28	4711.86	4738.35	0.95	ppb
Zirconium	90-1	514.50	514.33	517.93	515.59	0.39	ppb
Zirconium	91-1	510.81	512.88	511.60	511.77	0.20	ppb

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	CCB58	Instrumnet Name :	P7
Client Sample ID :	CCB58	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 15:58:24	DataFile Name :	051CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.22	0.61	-0.11	0.09	492.47	ppb
Antimony	121-1	0.12	0.12	0.15	0.13	11.88	ppb
Arsenic	75-2	0.02	0.05	0.02	0.03	47.59	ppb
Barium	135-1	0.07	0.03	0.04	0.05	41.60	ppb
Barium	137-1	0.08	0.05	0.05	0.06	21.53	ppb
Beryllium	9-1	0.09	0.07	0.09	0.08	17.70	ppb
Bismuth	209-1				90		%
Bismuth	209-2				81		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.00	0.20	0.07	0.09	109.71	ppb
Cadmium	106-1	-1.36	-1.92	0.54	-0.91		ppb
Cadmium	111-1	-0.09	-0.16	0.05	-0.06		ppb
Calcium	43-1	3.94	-0.91	-0.92	0.70	399.24	ppb
Calcium	44-1	-4.50	-5.56	-6.46	-5.51		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	0.24	0.00	0.08	178.10	ppb
Cobalt	59-2	0.01	0.02	0.01	0.01	49.09	ppb
Copper	63-2	0.05	0.16	0.01	0.07	104.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				79		%
Indium	115-1				98		%
Indium	115-2				84		%
Iron	56-2	2.18	5.73	2.51	3.47	56.49	ppb
Iron	57-2	3.03	8.64	3.63	5.10	60.31	ppb
Iron	54-2	1.82	8.16	1.69	3.89	95.05	ppb
Krypton	83-1						cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	CCB58	Instrumnet Name :	P7
Client Sample ID :	CCB58	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 15:58:24	DataFile Name :	051CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.09	0.08	0.09	0.09	10.36	ppb
Lead	207-1	0.09	0.07	0.09	0.08	15.60	ppb
Lead	208-1	0.09	0.08	0.08	0.08	11.79	ppb
Lithium	6-1				95		%
Magnesium	24-2	3.59	5.42	3.41	4.14	26.81	ppb
Manganese	55-2	0.10	0.14	0.08	0.11	26.62	ppb
Molybdenum	94-1	0.24	0.17	0.18	0.19	18.94	ppb
Molybdenum	95-1	0.20	0.15	0.11	0.15	28.22	ppb
Molybdenum	96-1	0.18	0.14	0.14	0.15	15.93	ppb
Molybdenum	97-1	0.21	0.13	0.14	0.16	26.46	ppb
Molybdenum	98-1	0.20	0.16	0.12	0.16	24.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.07	-0.08	-0.11	-0.09		ppb
Phosphorus	31-2	-15.60	-2.15	-14.06	-10.60		ppb
Potassium	39-2	4.93	85.82	13.59	34.78	127.71	ppb
Rhodium	103-1				97		%
Rhodium	103-2				86		%
Scandium	45-1				98		%
Scandium	45-2				85		%
Selenium	82-1	-0.51	-0.41	-0.17	-0.36		ppb
Selenium	77-2	-0.28	-0.28	-0.28	-0.28		ppb
Selenium	78-2	-0.97	1.45	-0.24	0.08	1556.56	ppb
Silicon	28-1	-0.32	-0.23	-0.22	-0.26		ppb
Silver	107-1	0.04	0.03	0.02	0.03	20.85	ppb
Silver	109-1	0.03	0.02	0.02	0.03	27.25	ppb
Sodium	23-2	28.61	51.65	31.33	37.20	33.85	ppb
Strontium	86-1	0.29	0.18	0.16	0.21	34.48	ppb
Strontium	88-1	0.34	0.22	0.18	0.25	32.64	ppb
Sulfur	34-1	-546.96	-269.91	-184.53	-333.80		ppb
Terbium	159-1				94		%
Terbium	159-2				79		%
Thallium	203-1	0.02	0.02	0.02	0.02	14.11	ppb
Thallium	205-1	0.03	0.02	0.02	0.02	19.69	ppb
Tin	118-1	0.02	0.05	0.03	0.03	38.79	ppb
Titanium	47-1	0.13	0.08	0.05	0.09	44.03	ppb

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	CCB58	Instrumnet Name :	P7
Client Sample ID :	CCB58	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 15:58:24	DataFile Name :	051CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.01	0.01	0.01	33.06	ppb
Vanadium	51-2	0.01	0.00	0.00	0.00	63.28	ppb
Yttrium	89-1				99		%
Yttrium	89-2				84		%
Zinc	66-2	-0.02	0.28	0.08	0.11	134.18	ppb
Zirconium	90-1	0.03	0.03	0.03	0.03	4.46	ppb
Zirconium	91-1	0.04	0.03	0.03	0.03	12.00	ppb

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 12:42:40	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	407	383	340	377	8.98	cps
Antimony	121-1	53	23	37	38	39.79	cps
Arsenic	75-2	3	3	0	2	86.60	cps
Barium	135-1	23	17	33	24	34.31	cps
Barium	137-1	27	30	40	32	21.53	cps
Beryllium	9-1	79	89	69	79	12.66	cps
Bismuth	209-1	6771122	6802673	6764899	6779564	0.30	cps
Bismuth	209-2	5018356	5035942	4981706	5012001	0.55	cps
Bromine	81-1	30929	30816	30836	30860	0.20	cps
Bromine	81-2	80	107	83	90	16.15	cps
Cadmium	108-1	7	3	10	7	50.03	cps
Cadmium	106-1	6255	6548	6285	6363	2.54	cps
Cadmium	111-1	4380	4581	4402	4455	2.48	cps
Calcium	43-1	863	887	890	880	1.65	cps
Calcium	44-1	16916	16950	17103	16990	0.59	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1483	1637	1513	1545	5.26	cps
Cobalt	59-2	63	47	20	43	50.44	cps
Copper	63-2	1067	960	1030	1019	5.32	cps
Dysprosium	156-1	20	13	7	13	49.99	cps
Dysprosium	156-2	0	10	3	4	114.60	cps
Erbium	164-1	73	100	87	87	15.39	cps
Erbium	164-2	57	50	63	57	11.76	cps
Gadolinium	160-1	77	70	53	67	18.03	cps
Gadolinium	160-2	390	443	407	413	6.60	cps
Holmium	165-1	11957953	11612931	11410273	11660386	2.37	cps
Holmium	165-2	7403001	7451231	7444978	7433070	0.35	cps
Indium	115-1	9634089	9307724	9304670	9415494	2.01	cps
Indium	115-2	2800090	2814677	2794758	2803175	0.37	cps
Iron	56-2	12869	13019	12509	12799	2.05	cps
Iron	57-2	783	717	757	752	4.46	cps
Iron	54-2	1887	1920	1883	1897	1.07	cps
Krypton	83-1	177	153	147	159	9.91	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 12:42:40	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	260	220	270	250	10.58	cps
Lead	207-1	193	203	237	211	10.75	cps
Lead	208-1	930	913	993	946	4.46	cps
Lithium	6-1	2691164	2616980	2592638	2633594	1.95	cps
Magnesium	24-2	470	390	417	426	9.57	cps
Manganese	55-2	250	313	257	273	12.73	cps
Molybdenum	94-1	213	193	180	196	8.58	cps
Molybdenum	95-1	63	67	113	81	34.47	cps
Molybdenum	96-1	97	133	113	114	16.04	cps
Molybdenum	97-1	27	10	33	23	51.50	cps
Molybdenum	98-1	60	57	63	60	5.55	cps
Neodymium	150-1	7	10	10	9	21.63	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	350	333	303	329	7.19	cps
Phosphorus	31-2	390	313	400	368	12.89	cps
Potassium	39-2	63719	65316	65001	64679	1.31	cps
Rhodium	103-1	8493131	8367175	8267958	8376088	1.35	cps
Rhodium	103-2	4445342	4462237	4494345	4467308	0.56	cps
Scandium	45-1	5366353	5359542	5324745	5350213	0.42	cps
Scandium	45-2	427006	428585	423980	426524	0.55	cps
Selenium	82-1	49	92	68	70	30.89	cps
Selenium	77-2	3	0	7	3	100.05	cps
Selenium	78-2	210	187	167	188	11.55	cps
Silicon	28-1	292207	292197	294522	292975	0.46	cps
Silver	107-1	74	84	54	70	21.68	cps
Silver	109-1	30	17	37	28	36.66	cps
Sodium	23-2	12919	12755	12819	12831	0.64	cps
Strontium	86-1	280	310	313	301	6.10	cps
Strontium	88-1	287	323	370	327	12.79	cps
Sulfur	34-1	261521	260531	260355	260802	0.24	cps
Terbium	159-1	12345952	12080896	12013431	12146760	1.45	cps
Terbium	159-2	7301286	7435429	7234684	7323800	1.40	cps
Thallium	203-1	97	93	90	93	3.57	cps
Thallium	205-1	213	227	237	226	5.19	cps
Tin	118-1	2080	2047	1737	1955	9.69	cps
Titanium	47-1	140	117	130	129	9.08	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 12:42:40	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	0	13	10	8	89.21	cps
Vanadium	51-2	10	7	3	7	50.03	cps
Yttrium	89-1	14263679	14053318	13976014	14097670	1.06	cps
Yttrium	89-2	3050985	3009186	3079823	3046664	1.17	cps
Zinc	66-2	583	580	493	552	9.24	cps
Zirconium	90-1	527	487	513	509	4.00	cps
Zirconium	91-1	93	103	133	110	18.93	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 12:45:55	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4251	4427	4211	4296	2.68	cps
Antimony	121-1	14738	15362	14648	14916	2.61	cps
Arsenic	75-2	370	363	390	374	3.71	cps
Barium	135-1	20425	20688	20782	20632	0.90	cps
Barium	137-1	35554	35778	35648	35660	0.32	cps
Beryllium	9-1	1864	1873	1769	1835	3.14	cps
Bismuth	209-1	6497298	6673784	6689934	6620339	1.61	cps
Bismuth	209-2	5073445	5043205	5109658	5075436	0.66	cps
Bromine	81-1	30745	30846	31367	30986	1.08	cps
Bromine	81-2	63	113	57	78	39.82	cps
Cadmium	108-1	167	197	183	182	8.25	cps
Cadmium	106-1	6441	6648	6715	6602	2.16	cps
Cadmium	111-1	6353	6830	6679	6620	3.68	cps
Calcium	43-1	12679	12842	12869	12797	0.80	cps
Calcium	44-1	207942	211636	210260	209946	0.89	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7899	7795	7885	7860	0.72	cps
Cobalt	59-2	4574	4851	4694	4706	2.95	cps
Copper	63-2	7332	7495	7659	7495	2.18	cps
Dysprosium	156-1	10	3	10	8	49.52	cps
Dysprosium	156-2	3	7	13	8	65.47	cps
Erbium	164-1	97	73	97	89	15.16	cps
Erbium	164-2	37	60	60	52	25.79	cps
Gadolinium	160-1	53	60	57	57	5.89	cps
Gadolinium	160-2	437	423	373	411	8.12	cps
Holmium	165-1	11182260	11601303	11504559	11429374	1.92	cps
Holmium	165-2	7366896	7379039	7441528	7395821	0.54	cps
Indium	115-1	9032381	9386291	9425731	9281468	2.33	cps
Indium	115-2	2801461	2821805	2793588	2805618	0.52	cps
Iron	56-2	155988	153541	155602	155043	0.85	cps
Iron	57-2	4377	4557	4434	4456	2.07	cps
Iron	54-2	9770	9687	9667	9708	0.56	cps
Krypton	83-1	167	143	97	136	26.29	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 12:45:55	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	5745	5908	6175	5942	3.65	cps
Lead	207-1	5138	5118	5184	5147	0.67	cps
Lead	208-1	23618	23518	23762	23633	0.52	cps
Lithium	6-1	2557335	2542239	2579117	2559564	0.72	cps
Magnesium	24-2	164946	167049	166112	166036	0.63	cps
Manganese	55-2	2830	2647	2667	2715	3.71	cps
Molybdenum	94-1	15949	16603	16566	16373	2.24	cps
Molybdenum	95-1	19807	19540	20398	19915	2.20	cps
Molybdenum	96-1	21756	22461	22167	22128	1.60	cps
Molybdenum	97-1	12302	12525	12676	12501	1.50	cps
Molybdenum	98-1	32129	31935	32159	32074	0.38	cps
Neodymium	150-1	33	13	13	20	57.74	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	1593	1530	1643	1589	3.57	cps
Phosphorus	31-2	597	540	567	568	4.99	cps
Potassium	39-2	251307	249577	253085	251323	0.70	cps
Rhodium	103-1	8038013	8247992	8264642	8183549	1.54	cps
Rhodium	103-2	4501363	4508223	4560840	4523475	0.72	cps
Scandium	45-1	5097186	5322910	5258403	5226166	2.22	cps
Scandium	45-2	430230	425435	432303	429323	0.82	cps
Selenium	82-1	721	694	728	714	2.54	cps
Selenium	77-2	30	80	43	51	50.66	cps
Selenium	78-2	427	340	380	382	11.35	cps
Silicon	28-1	370744	363430	365780	366651	1.02	cps
Silver	107-1	10178	10148	10008	10111	0.90	cps
Silver	109-1	9567	9216	9573	9452	2.16	cps
Sodium	23-2	285929	284480	285657	285356	0.27	cps
Strontium	86-1	3034	3090	3117	3080	1.38	cps
Strontium	88-1	23973	24006	24213	24064	0.54	cps
Sulfur	34-1	265268	264794	265537	265199	0.14	cps
Terbium	159-1	11651016	11904299	11875288	11810201	1.17	cps
Terbium	159-2	7406475	7450113	7390289	7415626	0.42	cps
Thallium	203-1	7142	7369	7172	7228	1.70	cps
Thallium	205-1	16540	17488	17007	17012	2.79	cps
Tin	118-1	35627	36155	36519	36101	1.24	cps
Titanium	47-1	5541	5628	5471	5547	1.42	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 12:45:55	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	20579	21361	21601	21180	2.52	cps
Vanadium	51-2	12775	12869	12772	12806	0.43	cps
Yttrium	89-1	13660065	13860499	13921810	13814125	0.99	cps
Yttrium	89-2	3079709	3077280	3054049	3070346	0.46	cps
Zinc	66-2	1710	1663	1720	1698	1.78	cps
Zirconium	90-1	13349	13660	13753	13587	1.56	cps
Zirconium	91-1	2974	3014	3067	3018	1.55	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 12:52:27	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	196636	196318	198411	197122	0.57	cps
Antimony	121-1	403563	407647	407312	406174	0.56	cps
Arsenic	75-2	17297	17317	17210	17275	0.33	cps
Barium	135-1	557800	565010	566043	562951	0.80	cps
Barium	137-1	974563	975020	988399	979327	0.80	cps
Beryllium	9-1	105016	105678	104084	104926	0.76	cps
Bismuth	209-1	6553283	6880593	6651973	6695283	2.51	cps
Bismuth	209-2	5070032	4988220	4948219	5002157	1.24	cps
Bromine	81-1	30765	29707	30605	30359	1.88	cps
Bromine	81-2	87	70	73	77	11.51	cps
Cadmium	108-1	8426	8546	8713	8561	1.68	cps
Cadmium	106-1	19293	19213	18529	19011	2.21	cps
Cadmium	111-1	116459	119019	117627	117702	1.09	cps
Calcium	43-1	145840	146207	147121	146389	0.45	cps
Calcium	44-1	2053067	2110179	2085270	2082839	1.37	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	160368	159550	159769	159896	0.27	cps
Cobalt	59-2	242146	241221	242647	242005	0.30	cps
Copper	63-2	1673202	1650035	1669617	1664285	0.75	cps
Dysprosium	156-1	60	53	37	50	24.03	cps
Dysprosium	156-2	67	23	47	46	47.61	cps
Erbium	164-1	83	97	87	89	7.81	cps
Erbium	164-2	67	90	73	77	15.68	cps
Gadolinium	160-1	90	80	100	90	11.11	cps
Gadolinium	160-2	373	480	487	447	14.24	cps
Holmium	165-1	11332763	11767780	11577799	11559447	1.89	cps
Holmium	165-2	7422446	7319582	7240852	7327626	1.24	cps
Indium	115-1	8977524	9342943	9159904	9160124	1.99	cps
Indium	115-2	2830687	2760637	2743825	2778383	1.66	cps
Iron	56-2	6766495	6669493	6779806	6738598	0.89	cps
Iron	57-2	185392	183681	184434	184502	0.46	cps
Iron	54-2	411349	409810	415142	412100	0.67	cps
Krypton	83-1	127	117	100	114	11.77	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 12:52:27	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1591050	1610667	1618098	1606605	0.87	cps
Lead	207-1	1373519	1390549	1411421	1391830	1.36	cps
Lead	208-1	6496335	6519968	6540438	6518914	0.34	cps
Lithium	6-1	2554539	2635623	2587292	2592484	1.57	cps
Magnesium	24-2	1688398	1701200	1682009	1690535	0.58	cps
Manganese	55-2	1206745	1203674	1201969	1204129	0.20	cps
Molybdenum	94-1	1428760	1458208	1463098	1450022	1.28	cps
Molybdenum	95-1	2066115	2048553	2029155	2047941	0.90	cps
Molybdenum	96-1	2247484	2221627	2256765	2241959	0.81	cps
Molybdenum	97-1	1321048	1321928	1337612	1326863	0.70	cps
Molybdenum	98-1	3269807	3302527	3279240	3283858	0.51	cps
Neodymium	150-1	90	80	77	82	8.44	cps
Neodymium	150-2	10	23	30	21	48.24	cps
Nickel	60-2	62061	61589	61736	61796	0.39	cps
Phosphorus	31-2	10013	9897	9897	9936	0.68	cps
Potassium	39-2	1064292	1060694	1073766	1066251	0.63	cps
Rhodium	103-1	8000046	8290574	8020995	8103872	2.00	cps
Rhodium	103-2	4503714	4348283	4343089	4398362	2.08	cps
Scandium	45-1	5112559	5294433	5280012	5229002	1.93	cps
Scandium	45-2	425811	420026	420768	422202	0.75	cps
Selenium	82-1	7065	7068	7005	7046	0.50	cps
Selenium	77-2	567	543	527	546	3.68	cps
Selenium	78-2	2090	2170	2003	2088	3.99	cps
Silicon	28-1	7224797	7230503	7167989	7207763	0.48	cps
Silver	107-1	547084	552143	552747	550658	0.56	cps
Silver	109-1	494111	501397	499454	498321	0.76	cps
Sodium	23-2	2736053	2743160	2757238	2745484	0.39	cps
Strontium	86-1	3444109	3511779	3435369	3463752	1.21	cps
Strontium	88-1	30220395	30539609	30593892	30451298	0.66	cps
Sulfur	34-1	308584	311984	303079	307882	1.46	cps
Terbium	159-1	11525304	12097307	11994804	11872471	2.57	cps
Terbium	159-2	7453831	7378028	7316251	7382703	0.93	cps
Thallium	203-1	385196	387757	391409	388120	0.80	cps
Thallium	205-1	912629	923110	928012	921250	0.85	cps
Tin	118-1	370138	381920	374463	375507	1.59	cps
Titanium	47-1	546268	554043	554890	551733	0.86	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 12:52:27	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1139948	1151066	1157771	1149595	0.78	cps
Vanadium	51-2	135491	136510	135205	135736	0.51	cps
Yttrium	89-1	13602682	14060736	13677411	13780276	1.78	cps
Yttrium	89-2	3087713	2976566	2975213	3013164	2.14	cps
Zinc	66-2	265582	268874	267034	267163	0.62	cps
Zirconium	90-1	765100	777281	773785	772055	0.81	cps
Zirconium	91-1	171291	173111	174703	173035	0.99	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 12:55:33	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	489797	485311	486323	487144	0.48	cps
Antimony	121-1	1002650	1014918	1011052	1009540	0.62	cps
Arsenic	75-2	43454	43450	43022	43309	0.57	cps
Barium	135-1	1395187	1399136	1396752	1397025	0.14	cps
Barium	137-1	2453175	2434698	2460661	2449511	0.55	cps
Beryllium	9-1	258336	257953	254715	257001	0.77	cps
Bismuth	209-1	6165617	6576967	6642441	6461675	4.00	cps
Bismuth	209-2	5021790	4925056	5009428	4985424	1.06	cps
Bromine	81-1	30806	29369	30355	30177	2.43	cps
Bromine	81-2	67	100	73	80	22.05	cps
Cadmium	108-1	21663	20992	21172	21276	1.63	cps
Cadmium	106-1	36389	37034	36068	36497	1.35	cps
Cadmium	111-1	280007	279405	278847	279420	0.21	cps
Calcium	43-1	358396	357484	355463	357114	0.42	cps
Calcium	44-1	5133134	5121220	5174942	5143099	0.55	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	397983	399459	393183	396875	0.83	cps
Cobalt	59-2	609384	609788	611910	610360	0.22	cps
Copper	63-2	4110984	4103700	4078017	4097567	0.42	cps
Dysprosium	156-1	120	107	113	113	5.88	cps
Dysprosium	156-2	143	113	100	119	18.67	cps
Erbium	164-1	140	110	120	123	12.39	cps
Erbium	164-2	83	63	97	81	20.69	cps
Gadolinium	160-1	113	137	127	126	9.32	cps
Gadolinium	160-2	453	527	480	487	7.63	cps
Holmium	165-1	10821245	11535822	11618974	11325347	3.87	cps
Holmium	165-2	7450278	7407729	7344859	7400955	0.72	cps
Indium	115-1	8537409	9040571	9078355	8885445	3.40	cps
Indium	115-2	2756970	2797119	2750277	2768122	0.92	cps
Iron	56-2	16788107	16718721	16566669	16691166	0.68	cps
Iron	57-2	461736	457011	454573	457773	0.80	cps
Iron	54-2	1023449	1022167	1021817	1022477	0.08	cps
Krypton	83-1	137	163	120	140	15.61	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 12:55:33	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4130403	4104041	4116177	4116874	0.32	cps
Lead	207-1	3623767	3615897	3609495	3616386	0.20	cps
Lead	208-1	16388429	16440552	16247465	16358815	0.61	cps
Lithium	6-1	2520147	2605859	2584849	2570285	1.74	cps
Magnesium	24-2	4152448	4119786	4144549	4138928	0.41	cps
Manganese	55-2	2899786	2823376	2820327	2847830	1.58	cps
Molybdenum	94-1	3605319	3605204	3634032	3614852	0.46	cps
Molybdenum	95-1	5036958	5143116	5080162	5086746	1.05	cps
Molybdenum	96-1	5564570	5464753	5525165	5518163	0.91	cps
Molybdenum	97-1	3177183	3118411	3177084	3157559	1.07	cps
Molybdenum	98-1	8219909	8037590	8127451	8128317	1.12	cps
Neodymium	150-1	250	187	203	213	15.39	cps
Neodymium	150-2	50	67	47	54	19.68	cps
Nickel	60-2	153398	153479	153775	153551	0.13	cps
Phosphorus	31-2	24319	24446	24633	24466	0.65	cps
Potassium	39-2	2374122	2353634	2356077	2361278	0.47	cps
Rhodium	103-1	7534893	7936709	7959447	7810350	3.06	cps
Rhodium	103-2	4396409	4436955	4402637	4412000	0.49	cps
Scandium	45-1	4911767	5140770	5269726	5107421	3.55	cps
Scandium	45-2	421174	418593	422205	420657	0.44	cps
Selenium	82-1	17270	17285	17581	17379	1.01	cps
Selenium	77-2	1403	1420	1487	1437	3.07	cps
Selenium	78-2	5334	5068	4984	5129	3.57	cps
Silicon	28-1	17189401	17384048	17128860	17234103	0.77	cps
Silver	107-1	1353288	1378413	1365550	1365750	0.92	cps
Silver	109-1	1227653	1227317	1229507	1228159	0.10	cps
Sodium	23-2	6873644	6850542	6817221	6847136	0.41	cps
Strontium	86-1	8595275	8757892	8834872	8729346	1.40	cps
Strontium	88-1	75349306	76423261	76138887	75970484	0.73	cps
Sulfur	34-1	360027	358769	357276	358691	0.38	cps
Terbium	159-1	11236119	11831650	12088971	11718913	3.73	cps
Terbium	159-2	7371587	7343403	7500416	7405136	1.13	cps
Thallium	203-1	967808	969373	967981	968387	0.09	cps
Thallium	205-1	2387749	2355595	2396090	2379811	0.90	cps
Tin	118-1	927147	925646	930733	927842	0.28	cps
Titanium	47-1	1351685	1311520	1353323	1338843	1.77	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 12:55:33	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3029533	3050873	3077950	3052785	0.79	cps
Vanadium	51-2	338891	338356	338022	338423	0.13	cps
Yttrium	89-1	12961312	14001005	14042787	13668368	4.48	cps
Yttrium	89-2	2995297	3064760	3007572	3022543	1.23	cps
Zinc	66-2	667041	666022	661963	665008	0.40	cps
Zirconium	90-1	1865494	1891554	1870213	1875754	0.74	cps
Zirconium	91-1	429857	430821	430888	430522	0.13	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 12:58:26	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	955499	956093	948569	953387	0.44	cps
Antimony	121-1	1945875	1993022	1958101	1965666	1.24	cps
Arsenic	75-2	85548	84441	84736	84909	0.67	cps
Barium	135-1	2789913	2862453	2799494	2817287	1.40	cps
Barium	137-1	4808133	4902192	4815189	4841838	1.08	cps
Beryllium	9-1	494775	506747	506459	502660	1.36	cps
Bismuth	209-1	6751288	6577299	6514822	6614470	1.85	cps
Bismuth	209-2	4837042	4949198	4950342	4912194	1.32	cps
Bromine	81-1	31410	30525	29867	30601	2.53	cps
Bromine	81-2	83	80	80	81	2.37	cps
Cadmium	108-1	41753	43746	42492	42664	2.36	cps
Cadmium	106-1	66240	68323	67000	67188	1.57	cps
Cadmium	111-1	543417	554946	548164	548842	1.06	cps
Calcium	43-1	696577	702938	700054	699857	0.46	cps
Calcium	44-1	9944157	10132513	9911603	9996091	1.19	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	770593	773124	769471	771063	0.24	cps
Cobalt	59-2	1182560	1187740	1172565	1180955	0.65	cps
Copper	63-2	7802607	8011381	7877303	7897097	1.34	cps
Dysprosium	156-1	170	227	200	199	14.25	cps
Dysprosium	156-2	230	230	193	218	9.72	cps
Erbium	164-1	137	150	147	144	4.80	cps
Erbium	164-2	107	100	107	104	3.69	cps
Gadolinium	160-1	147	150	183	160	12.67	cps
Gadolinium	160-2	533	510	433	492	10.63	cps
Holmium	165-1	11709753	11729673	11563921	11667782	0.78	cps
Holmium	165-2	7503502	7419586	7366992	7430027	0.93	cps
Indium	115-1	9218027	9170775	8948622	9112475	1.58	cps
Indium	115-2	2726695	2721439	2680484	2709539	0.93	cps
Iron	56-2	33023318	32806789	32999825	32943311	0.36	cps
Iron	57-2	895690	898525	888470	894228	0.58	cps
Iron	54-2	1865707	1844538	1863790	1858012	0.63	cps
Krypton	83-1	153	160	137	150	8.01	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 12:58:26	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	8023151	8254455	8118802	8132136	1.43	cps
Lead	207-1	7007683	7131428	7057278	7065463	0.88	cps
Lead	208-1	32002603	32638297	32220919	32287273	1.00	cps
Lithium	6-1	2591867	2646604	2632248	2623573	1.08	cps
Magnesium	24-2	8068880	8110925	8110508	8096771	0.30	cps
Manganese	55-2	5609066	5604175	5561706	5591649	0.47	cps
Molybdenum	94-1	7005428	7117852	7041945	7055075	0.81	cps
Molybdenum	95-1	10005013	10044136	9918769	9989306	0.64	cps
Molybdenum	96-1	10859985	11070403	10782914	10904434	1.36	cps
Molybdenum	97-1	6209431	6328484	6199879	6245931	1.15	cps
Molybdenum	98-1	15958581	16396695	15799499	16051592	1.93	cps
Neodymium	150-1	387	443	387	406	8.07	cps
Neodymium	150-2	100	93	67	87	20.35	cps
Nickel	60-2	295526	298847	295054	296476	0.70	cps
Phosphorus	31-2	48503	47280	48380	48054	1.40	cps
Potassium	39-2	4458504	4530484	4560933	4516641	1.16	cps
Rhodium	103-1	8003134	7968957	7903724	7958605	0.63	cps
Rhodium	103-2	4299314	4343335	4249610	4297420	1.09	cps
Scandium	45-1	5301076	5262776	5176239	5246697	1.22	cps
Scandium	45-2	416074	419320	411943	415779	0.89	cps
Selenium	82-1	34549	34404	33975	34309	0.87	cps
Selenium	77-2	2770	2887	2854	2837	2.12	cps
Selenium	78-2	9827	9867	9340	9678	3.03	cps
Silicon	28-1	32885442	33669700	33339879	33298340	1.18	cps
Silver	107-1	2560502	2603102	2579413	2581006	0.83	cps
Silver	109-1	2341287	2380116	2322677	2348027	1.25	cps
Sodium	23-2	13153919	13370524	13425969	13316804	1.08	cps
Strontium	86-1	17077201	17211032	16890244	17059493	0.94	cps
Strontium	88-1	147249564	149850518	147975934	148358672	0.90	cps
Sulfur	34-1	450072	453791	450952	451605	0.43	cps
Terbium	159-1	12151197	12147029	11925310	12074512	1.07	cps
Terbium	159-2	7315031	7441100	7274867	7343666	1.18	cps
Thallium	203-1	1967584	1975856	2010142	1984527	1.14	cps
Thallium	205-1	4669214	4722586	4639709	4677170	0.90	cps
Tin	118-1	1773784	1810579	1789393	1791252	1.03	cps
Titanium	47-1	2550042	2621533	2592461	2588012	1.39	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 12:58:26	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	6017989	6174649	5928167	6040268	2.07	cps
Vanadium	51-2	666503	670908	664737	667382	0.48	cps
Yttrium	89-1	14050873	14072652	13828661	13984062	0.97	cps
Yttrium	89-2	3030786	3003105	3010751	3014881	0.47	cps
Zinc	66-2	1289395	1287988	1284459	1287281	0.20	cps
Zirconium	90-1	3684100	3749316	3728022	3720479	0.89	cps
Zirconium	91-1	839867	857282	850442	849197	1.03	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 13:01:14	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1735982	1758383	1716072	1736812	1.22	cps
Antimony	121-1	3924109	3949283	3952325	3941906	0.39	cps
Arsenic	75-2	165848	169191	167025	167355	1.01	cps
Barium	135-1	5637405	5577008	5638529	5617647	0.63	cps
Barium	137-1	9654129	9755300	9782735	9730721	0.70	cps
Beryllium	9-1	968478	979163	981148	976263	0.70	cps
Bismuth	209-1	6529723	6560358	6612180	6567421	0.63	cps
Bismuth	209-2	4925097	4882412	4864160	4890556	0.64	cps
Bromine	81-1	29670	29390	30037	29699	1.09	cps
Bromine	81-2	113	87	90	97	15.03	cps
Cadmium	108-1	83344	83254	82932	83177	0.26	cps
Cadmium	106-1	123560	126122	124892	124858	1.03	cps
Cadmium	111-1	1057416	1062768	1071920	1064035	0.69	cps
Calcium	43-1	1305613	1288830	1326397	1306947	1.44	cps
Calcium	44-1	19732540	19613805	19859245	19735197	0.62	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1443370	1431894	1438175	1437813	0.40	cps
Cobalt	59-2	2186772	2222959	2200977	2203569	0.83	cps
Copper	63-2	15441079	15357025	15053099	15283734	1.34	cps
Dysprosium	156-1	333	387	347	356	7.81	cps
Dysprosium	156-2	363	427	337	376	12.31	cps
Erbium	164-1	233	163	223	207	18.32	cps
Erbium	164-2	97	133	130	120	16.90	cps
Gadolinium	160-1	337	337	357	343	3.36	cps
Gadolinium	160-2	627	660	543	610	9.85	cps
Holmium	165-1	11781925	11586510	11848989	11739141	1.16	cps
Holmium	165-2	7400905	7488594	7337234	7408911	1.03	cps
Indium	115-1	8964607	8901092	9055724	8973807	0.87	cps
Indium	115-2	2627348	2670210	2673563	2657040	0.97	cps
Iron	56-2	63807944	64353621	64304032	64155199	0.47	cps
Iron	57-2	1627304	1620124	1634286	1627238	0.44	cps
Iron	54-2	3635085	3641521	3651850	3642819	0.23	cps
Krypton	83-1	160	143	147	150	5.88	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 13:01:14	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	16006530	15958089	16398366	16120995	1.50	cps
Lead	207-1	14061561	14029219	14391304	14160695	1.41	cps
Lead	208-1	64146784	64048099	65330175	64508353	1.11	cps
Lithium	6-1	2556360	2449553	2558160	2521358	2.47	cps
Magnesium	24-2	15763961	15923696	15809988	15832548	0.52	cps
Manganese	55-2	10911981	11048566	10812062	10924203	1.09	cps
Molybdenum	94-1	13931375	14162424	14301277	14131692	1.32	cps
Molybdenum	95-1	19925519	20010616	20063654	19999930	0.35	cps
Molybdenum	96-1	21891474	21984153	21803260	21892962	0.41	cps
Molybdenum	97-1	12482294	12602495	12537504	12540765	0.48	cps
Molybdenum	98-1	31676862	31917505	32035305	31876558	0.57	cps
Neodymium	150-1	833	870	850	851	2.16	cps
Neodymium	150-2	200	183	223	202	9.94	cps
Nickel	60-2	571875	579564	572862	574767	0.73	cps
Phosphorus	31-2	91713	92078	90552	91448	0.87	cps
Potassium	39-2	8724825	8796251	8709844	8743640	0.53	cps
Rhodium	103-1	7715115	7739573	7788155	7747615	0.48	cps
Rhodium	103-2	4223906	4229696	4181552	4211718	0.62	cps
Scandium	45-1	5234033	5136972	5128171	5166392	1.14	cps
Scandium	45-2	409678	412014	409519	410404	0.34	cps
Selenium	82-1	66816	67651	67465	67311	0.65	cps
Selenium	77-2	5598	5348	5544	5497	2.40	cps
Selenium	78-2	18679	18659	18215	18517	1.42	cps
Silicon	28-1	64789259	65109719	64196212	64698397	0.72	cps
Silver	107-1	5092225	5057949	5008310	5052828	0.83	cps
Silver	109-1	4548113	4580656	4554655	4561141	0.38	cps
Sodium	23-2	26095530	26267019	26101367	26154639	0.37	cps
Strontium	86-1	33496538	33581487	33696475	33591500	0.30	cps
Strontium	88-1	292567762	298053489	295158429	295259893	0.93	cps
Sulfur	34-1	637764	630920	631993	633559	0.58	cps
Terbium	159-1	12095373	12097551	12194272	12129065	0.47	cps
Terbium	159-2	7384750	7379286	7305004	7356346	0.61	cps
Thallium	203-1	3914953	3885447	3991644	3930681	1.39	cps
Thallium	205-1	9309489	9274934	9297440	9293954	0.19	cps
Tin	118-1	3607829	3582192	3632772	3607598	0.70	cps
Titanium	47-1	5098723	5149388	5153270	5133794	0.59	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 13:01:14	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	12129234	12069387	12087951	12095524	0.25	cps
Vanadium	51-2	1312585	1313021	1309275	1311627	0.16	cps
Yttrium	89-1	13858624	13735723	14052095	13882147	1.15	cps
Yttrium	89-2	2973762	2954770	2984342	2970958	0.50	cps
Zinc	66-2	2399167	2377335	2420018	2398840	0.89	cps
Zirconium	90-1	7316805	7359039	7463549	7379798	1.02	cps
Zirconium	91-1	1660557	1664905	1672597	1666020	0.37	cps

LB Number : LB127619 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired : 2023-10-04 13:04:00 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3464079	3428073	3431001	3441051	0.58	cps
Antimony	121-1	7556088	7660720	7700832	7639213	0.98	cps
Arsenic	75-2	325737	324444	324565	324915	0.22	cps
Barium	135-1	10915744	10987859	11046100	10983235	0.59	cps
Barium	137-1	19101031	18966842	18947441	19005105	0.44	cps
Beryllium	9-1	1815771	1805310	1811583	1810888	0.29	cps
Bismuth	209-1	6389471	7018972	6451054	6619832	5.24	cps
Bismuth	209-2	4245273	4582428	4644822	4490841	4.79	cps
Bromine	81-1	29459	29326	29630	29472	0.52	cps
Bromine	81-2	103	123	110	112	9.08	cps
Cadmium	108-1	158290	159044	160120	159151	0.58	cps
Cadmium	106-1	236332	235259	236062	235884	0.24	cps
Cadmium	111-1	1999859	2016158	1992611	2002876	0.60	cps
Calcium	43-1	2564480	2560752	2555092	2560108	0.18	cps
Calcium	44-1	39348032	38899783	38868324	39038713	0.69	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2838863	2823212	2832975	2831683	0.28	cps
Cobalt	59-2	4327368	4297781	4258105	4294418	0.81	cps
Copper	63-2	29711471	29658716	29399845	29590011	0.56	cps
Dysprosium	156-1	767	777	690	744	6.37	cps
Dysprosium	156-2	917	780	683	793	14.78	cps
Erbium	164-1	310	350	377	346	9.71	cps
Erbium	164-2	187	190	157	178	10.33	cps
Gadolinium	160-1	617	623	733	658	9.96	cps
Gadolinium	160-2	773	730	737	747	3.12	cps
Holmium	165-1	11714175	12711628	11979265	12135023	4.26	cps
Holmium	165-2	6673784	7170452	7333746	7059327	4.87	cps
Indium	115-1	8768226	9482484	8836186	9028966	4.37	cps
Indium	115-2	2328747	2487701	2514631	2443693	4.11	cps
Iron	56-2	124507681	124989628	124655195	124717501	0.20	cps
Iron	57-2	3151643	3195468	3124241	3157117	1.14	cps
Iron	54-2	7057600	6997858	7059623	7038360	0.50	cps
Krypton	83-1	187	163	153	168	10.19	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 13:04:00	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	31387143	31630082	31651033	31556086	0.46	cps
Lead	207-1	27471738	27522676	27543958	27512791	0.13	cps
Lead	208-1	124575923	125433974	126331210	125447036	0.70	cps
Lithium	6-1	2591877	2732991	2569110	2631326	3.37	cps
Magnesium	24-2	31118314	30929247	30788053	30945205	0.54	cps
Manganese	55-2	21086174	21316689	21424068	21275644	0.81	cps
Molybdenum	94-1	27407295	27777165	28108491	27764317	1.26	cps
Molybdenum	95-1	39314122	39495654	39917649	39575808	0.78	cps
Molybdenum	96-1	43469904	43072635	43358336	43300292	0.47	cps
Molybdenum	97-1	24813779	24544638	25005470	24787962	0.93	cps
Molybdenum	98-1	63134844	63280691	63932326	63449287	0.67	cps
Neodymium	150-1	1410	1560	1657	1542	8.06	cps
Neodymium	150-2	347	397	293	346	14.95	cps
Nickel	60-2	1108456	1100113	1093918	1100829	0.66	cps
Phosphorus	31-2	180659	178882	180429	179990	0.54	cps
Potassium	39-2	17275053	17137195	17058008	17156752	0.64	cps
Rhodium	103-1	7583002	8160022	7698588	7813870	3.91	cps
Rhodium	103-2	3697538	3964380	4029209	3897043	4.51	cps
Scandium	45-1	5227376	5626383	5252139	5368632	4.16	cps
Scandium	45-2	363032	394715	400288	386012	5.21	cps
Selenium	82-1	129726	129881	131434	130347	0.72	cps
Selenium	77-2	10801	10807	10787	10798	0.09	cps
Selenium	78-2	36435	36071	35630	36045	1.12	cps
Silicon	28-1	124584845	123395461	122408928	123463078	0.88	cps
Silver	107-1	9640181	9644475	9708986	9664547	0.40	cps
Silver	109-1	8744533	8709143	8783267	8745648	0.42	cps
Sodium	23-2	51372091	51082334	50994748	51149724	0.39	cps
Strontium	86-1	65679496	67721621	66938309	66779808	1.54	cps
Strontium	88-1	582267418	585031978	593493404	586930933	1.00	cps
Sulfur	34-1	1002935	990215	986694	993281	0.86	cps
Terbium	159-1	11976064	13000049	12272197	12416103	4.24	cps
Terbium	159-2	6542977	7135598	7140649	6939741	4.95	cps
Thallium	203-1	7573283	7657075	7599916	7610092	0.56	cps
Thallium	205-1	18096528	18166203	18302956	18188562	0.58	cps
Tin	118-1	6863404	6959361	6992740	6938502	0.97	cps
Titanium	47-1	10242274	10099205	10112934	10151471	0.78	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 13:04:00	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	24026583	24167885	24408755	24201074	0.80	cps
Vanadium	51-2	2474679	2503983	2479089	2485917	0.64	cps
Yttrium	89-1	13936433	14889448	13923538	14249806	3.89	cps
Yttrium	89-2	2648635	2860039	2916624	2808432	5.03	cps
Zinc	66-2	4637768	4631300	4553847	4607638	1.01	cps
Zirconium	90-1	14535737	14523668	14554589	14537998	0.11	cps
Zirconium	91-1	3213557	3260661	3311349	3261856	1.50	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 13:06:48	DataFile Name :	012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15240544	14990776	14991702	15074340	0.95	cps
Antimony	121-1	5121	5171	5421	5238	3.07	cps
Arsenic	75-2	167	153	133	151	11.10	cps
Barium	135-1	7192	6822	6562	6858	4.62	cps
Barium	137-1	12032	11965	11825	11941	0.88	cps
Beryllium	9-1	849	872	804	842	4.09	cps
Bismuth	209-1	5296321	5142375	5232282	5223659	1.48	cps
Bismuth	209-2	3942209	3739875	4058881	3913655	4.12	cps
Bromine	81-1	30067	29496	28862	29475	2.05	cps
Bromine	81-2	377	250	287	304	21.41	cps
Cadmium	108-1	90	87	90	89	2.16	cps
Cadmium	106-1	5925	5711	5845	5827	1.85	cps
Cadmium	111-1	5201	4957	5085	5081	2.40	cps
Calcium	43-1	10383370	10468565	10368565	10406833	0.52	cps
Calcium	44-1	166830608	168710751	164902714	166814691	1.14	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	8039	8212	8122	8124	1.07	cps
Cobalt	59-2	12315	11955	12152	12141	1.49	cps
Copper	63-2	9773	9300	9360	9478	2.72	cps
Dysprosium	156-1	1767	1693	1903	1788	5.96	cps
Dysprosium	156-2	1253	1187	1010	1150	10.93	cps
Erbium	164-1	293	270	330	298	10.16	cps
Erbium	164-2	167	227	170	188	17.96	cps
Gadolinium	160-1	1837	1847	1797	1827	1.45	cps
Gadolinium	160-2	1680	1523	1543	1582	5.39	cps
Holmium	165-1	10580098	10185475	10431540	10399038	1.92	cps
Holmium	165-2	6603233	6214900	6787896	6535343	4.48	cps
Indium	115-1	7732997	7703825	7727037	7721286	0.20	cps
Indium	115-2	2330032	2216535	2331542	2292703	2.88	cps
Iron	56-2	545536979	545692605	544738845	545322810	0.09	cps
Iron	57-2	13713779	13691913	13679047	13694913	0.13	cps
Iron	54-2	30441653	30004462	30160764	30202293	0.73	cps
Krypton	83-1	173	167	187	176	5.80	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 13:06:48	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	16493	16260	15679	16144	2.60	cps
Lead	207-1	14144	13250	13630	13675	3.28	cps
Lead	208-1	63745	61958	62196	62633	1.55	cps
Lithium	6-1	2294039	2224912	2287739	2268897	1.68	cps
Magnesium	24-2	138927675	138589855	138038521	138518683	0.32	cps
Manganese	55-2	13009	12625	12662	12765	1.66	cps
Molybdenum	94-1	11271	10317	10307	10632	5.21	cps
Molybdenum	95-1	12492	11741	12005	12080	3.15	cps
Molybdenum	96-1	25519	24814	24123	24819	2.81	cps
Molybdenum	97-1	8319	7659	7385	7788	6.16	cps
Molybdenum	98-1	19540	18739	18358	18879	3.19	cps
Neodymium	150-1	360	333	340	344	4.03	cps
Neodymium	150-2	197	153	210	187	15.87	cps
Nickel	60-2	3717	3694	3620	3677	1.37	cps
Phosphorus	31-2	440	453	403	432	5.99	cps
Potassium	39-2	77167541	77377592	77499949	77348361	0.22	cps
Rhodium	103-1	6463104	6396398	6458507	6439337	0.58	cps
Rhodium	103-2	3454435	3249316	3504561	3402771	3.97	cps
Scandium	45-1	4725184	4700099	4774051	4733112	0.79	cps
Scandium	45-2	369218	345164	378782	364388	4.75	cps
Selenium	82-1	855	798	832	828	3.50	cps
Selenium	77-2	40	47	53	47	14.28	cps
Selenium	78-2	323	350	347	340	4.27	cps
Silicon	28-1	392718	383607	366268	380864	3.53	cps
Silver	107-1	3323	3022	2933	3093	6.62	cps
Silver	109-1	2837	2594	2797	2743	4.76	cps
Sodium	23-2	226574437	225261897	224374817	225403717	0.49	cps
Strontium	86-1	16930	16503	16159	16530	2.34	cps
Strontium	88-1	146454	144751	142307	144504	1.44	cps
Sulfur	34-1	224450	222053	219165	221889	1.19	cps
Terbium	159-1	10848675	10626167	10814125	10762989	1.11	cps
Terbium	159-2	6645706	6140698	6619193	6468532	4.39	cps
Thallium	203-1	2224	2057	1890	2057	8.10	cps
Thallium	205-1	5118	4808	4417	4781	7.34	cps
Tin	118-1	5928	5581	5815	5775	3.06	cps
Titanium	47-1	2734	2657	2597	2662	2.57	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 13:06:48	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	5224	5241	5214	5227	0.26	cps
Vanadium	51-2	943	770	833	849	10.33	cps
Yttrium	89-1	12529065	12292213	12406474	12409251	0.95	cps
Yttrium	89-2	2688868	2465417	2686586	2613624	4.91	cps
Zinc	66-2	4527	4421	4301	4416	2.57	cps
Zirconium	90-1	8152	8006	8066	8075	0.91	cps
Zirconium	91-1	1733	2007	1757	1832	8.27	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	ICV33	Instrumnet Name :	P7
Client Sample ID :	ICV33	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 13:22:52	DataFile Name :	015ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	91122	90568	89603	90431	0.85	cps
Antimony	121-1	1508540	1507080	1511327	1508983	0.14	cps
Arsenic	75-2	65721	65855	65772	65783	0.10	cps
Barium	135-1	214634	216537	215704	215625	0.44	cps
Barium	137-1	372462	374470	376375	374436	0.52	cps
Beryllium	9-1	178355	178135	178077	178189	0.08	cps
Bismuth	209-1	6501273	6554032	6549640	6534982	0.45	cps
Bismuth	209-2	4927657	4883952	4860705	4890771	0.70	cps
Bromine	81-1	30739	31377	31300	31139	1.12	cps
Bromine	81-2	40	90	93	74	40.13	cps
Cadmium	108-1	13426	13843	13687	13652	1.54	cps
Cadmium	106-1	25349	24604	24774	24909	1.57	cps
Cadmium	111-1	215702	213953	213559	214405	0.53	cps
Calcium	43-1	48945	48895	49163	49001	0.29	cps
Calcium	44-1	780093	783804	782011	781969	0.24	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	301721	301286	300568	301192	0.19	cps
Cobalt	59-2	467632	463014	466033	465559	0.50	cps
Copper	63-2	315611	315235	314707	315184	0.14	cps
Dysprosium	156-1	30	20	3	18	75.79	cps
Dysprosium	156-2	23	13	7	14	58.06	cps
Erbium	164-1	93	83	73	83	12.00	cps
Erbium	164-2	60	60	57	59	3.26	cps
Gadolinium	160-1	40	63	60	54	23.18	cps
Gadolinium	160-2	450	390	363	401	11.07	cps
Holmium	165-1	11195032	11408176	11439744	11347651	1.17	cps
Holmium	165-2	7206500	7206367	7127351	7180073	0.64	cps
Indium	115-1	9022537	9135246	9119923	9092569	0.67	cps
Indium	115-2	2735063	2731468	2716220	2727584	0.37	cps
Iron	56-2	5060818	4993026	4992674	5015506	0.78	cps
Iron	57-2	137455	137324	137058	137279	0.15	cps
Iron	54-2	313429	310414	311115	311653	0.51	cps
Krypton	83-1	143	143	157	148	5.21	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	ICV33	Instrumnet Name :	P7
Client Sample ID :	ICV33	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 13:22:52	DataFile Name :	015ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1247439	1253866	1248782	1250029	0.27	cps
Lead	207-1	1035674	1048356	1045797	1043276	0.64	cps
Lead	208-1	4932736	4972150	4987944	4964277	0.57	cps
Lithium	6-1	2604905	2597041	2559671	2587206	0.93	cps
Magnesium	24-2	376932	377631	375190	376584	0.33	cps
Manganese	55-2	228056	227300	227030	227462	0.23	cps
Molybdenum	94-1	993	930	950	958	3.38	cps
Molybdenum	95-1	1203	1260	1273	1246	2.98	cps
Molybdenum	96-1	1480	1570	1540	1530	3.00	cps
Molybdenum	97-1	703	733	783	740	5.46	cps
Molybdenum	98-1	1993	1963	1860	1939	3.61	cps
Neodymium	150-1	27	27	53	36	43.29	cps
Neodymium	150-2	13	10	13	12	15.73	cps
Nickel	60-2	124649	125704	124663	125005	0.48	cps
Phosphorus	31-2	420	350	410	393	9.63	cps
Potassium	39-2	791628	789562	790511	790567	0.13	cps
Rhodium	103-1	7880530	8038013	8141248	8019930	1.64	cps
Rhodium	103-2	4373179	4382337	4266032	4340516	1.49	cps
Scandium	45-1	5047366	5214343	5232533	5164748	1.98	cps
Scandium	45-2	415223	415836	412496	414518	0.43	cps
Selenium	82-1	27117	27125	27230	27158	0.23	cps
Selenium	77-2	2177	2387	2033	2199	8.08	cps
Selenium	78-2	7812	7582	7852	7749	1.88	cps
Silicon	28-1	276397	273829	275223	275150	0.47	cps
Silver	107-1	501358	504999	505998	504118	0.48	cps
Silver	109-1	478674	482863	479989	480509	0.45	cps
Sodium	23-2	1083676	1079860	1076015	1079851	0.35	cps
Strontium	86-1	883	957	950	930	4.36	cps
Strontium	88-1	6358	6485	6505	6449	1.23	cps
Sulfur	34-1	249373	248553	249211	249046	0.17	cps
Terbium	159-1	11682223	11845489	11757237	11761650	0.69	cps
Terbium	159-2	7137663	7196304	7106587	7146852	0.64	cps
Thallium	203-1	1560157	1561919	1569869	1563981	0.33	cps
Thallium	205-1	3850334	3874705	3841010	3855350	0.45	cps
Tin	118-1	2214	2604	2120	2312	11.09	cps
Titanium	47-1	147	167	117	143	17.56	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	ICV33	Instrumnet Name :	P7
Client Sample ID :	ICV33	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 13:22:52	DataFile Name :	015ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	100	100	100	100	0.00	cps
Vanadium	51-2	252282	251193	252667	252048	0.30	cps
Yttrium	89-1	13501610	13896639	13623386	13673878	1.48	cps
Yttrium	89-2	2963263	2941777	2944744	2949928	0.39	cps
Zinc	66-2	98717	97241	97975	97978	0.75	cps
Zirconium	90-1	740	760	753	751	1.35	cps
Zirconium	91-1	330	337	300	322	6.06	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 13:27:28	DataFile Name :	016LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4144	4237	4271	4217	1.56	cps
Antimony	121-1	15141	15785	15105	15344	2.50	cps
Arsenic	75-2	363	340	370	358	4.40	cps
Barium	135-1	19744	20174	19544	19821	1.63	cps
Barium	137-1	34221	34796	34405	34474	0.85	cps
Beryllium	9-1	2027	1931	2069	2009	3.52	cps
Bismuth	209-1	6259313	6290302	6389783	6313133	1.08	cps
Bismuth	209-2	4927511	4908448	4890216	4908725	0.38	cps
Bromine	81-1	31604	31584	30178	31122	2.63	cps
Bromine	81-2	97	90	103	97	6.89	cps
Cadmium	108-1	137	143	170	150	11.76	cps
Cadmium	106-1	6451	6018	6078	6182	3.80	cps
Cadmium	111-1	6364	6142	6436	6314	2.42	cps
Calcium	43-1	12235	12445	11871	12184	2.38	cps
Calcium	44-1	198930	204489	204254	202558	1.55	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	8082	7859	7919	7953	1.45	cps
Cobalt	59-2	4461	4694	4534	4563	2.62	cps
Copper	63-2	7592	7028	7615	7412	4.48	cps
Dysprosium	156-1	17	13	13	14	13.35	cps
Dysprosium	156-2	10	0	7	6	91.64	cps
Erbium	164-1	40	100	77	72	41.88	cps
Erbium	164-2	37	57	43	46	22.36	cps
Gadolinium	160-1	60	70	53	61	13.73	cps
Gadolinium	160-2	367	397	433	399	8.37	cps
Holmium	165-1	10860649	10914273	11065271	10946731	0.97	cps
Holmium	165-2	7191364	7138445	7114140	7147983	0.55	cps
Indium	115-1	8764001	8808844	8869910	8814252	0.60	cps
Indium	115-2	2789619	2726863	2696498	2737660	1.73	cps
Iron	56-2	151612	150585	150488	150895	0.41	cps
Iron	57-2	4447	4511	4271	4410	2.82	cps
Iron	54-2	9513	9840	9730	9694	1.72	cps
Krypton	83-1	107	133	120	120	11.11	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 13:27:28	DataFile Name :	016LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	6048	6105	6285	6146	2.01	cps
Lead	207-1	5244	5164	5374	5261	2.02	cps
Lead	208-1	23989	24162	24152	24101	0.40	cps
Lithium	6-1	2574853	2589263	2632848	2598988	1.16	cps
Magnesium	24-2	161086	158227	160746	160020	0.98	cps
Manganese	55-2	2647	2624	2610	2627	0.71	cps
Molybdenum	94-1	15869	15839	15882	15863	0.14	cps
Molybdenum	95-1	19420	19266	19633	19440	0.95	cps
Molybdenum	96-1	21125	21342	21503	21323	0.89	cps
Molybdenum	97-1	12065	12195	11938	12066	1.06	cps
Molybdenum	98-1	30051	31581	31243	30958	2.60	cps
Neodymium	150-1	13	20	7	13	49.99	cps
Neodymium	150-2	0	3	7	3	100.05	cps
Nickel	60-2	1460	1493	1380	1445	4.03	cps
Phosphorus	31-2	503	500	550	518	5.40	cps
Potassium	39-2	244287	242095	244090	243491	0.50	cps
Rhodium	103-1	7795963	7867581	7886600	7850048	0.61	cps
Rhodium	103-2	4397005	4319772	4310070	4342282	1.10	cps
Scandium	45-1	5000111	5179869	5203875	5127951	2.17	cps
Scandium	45-2	418501	412897	412889	414763	0.78	cps
Selenium	82-1	723	705	715	714	1.26	cps
Selenium	77-2	63	40	53	52	22.41	cps
Selenium	78-2	403	363	353	373	7.09	cps
Silicon	28-1	331409	330649	334451	332170	0.61	cps
Silver	107-1	9739	10207	9890	9945	2.40	cps
Silver	109-1	9403	9680	9607	9563	1.50	cps
Sodium	23-2	284206	282718	281958	282961	0.40	cps
Strontium	86-1	2914	2774	2700	2796	3.88	cps
Strontium	88-1	22768	22891	23372	23010	1.39	cps
Sulfur	34-1	254864	252764	251907	253178	0.60	cps
Terbium	159-1	11368609	11391724	11297820	11352718	0.43	cps
Terbium	159-2	7045600	7045431	7064095	7051709	0.15	cps
Thallium	203-1	7129	7222	6855	7069	2.70	cps
Thallium	205-1	16800	16597	16250	16549	1.68	cps
Tin	118-1	35056	34257	34816	34710	1.18	cps
Titanium	47-1	5041	5314	5284	5213	2.88	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 13:27:28	DataFile Name :	016LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	19898	20306	20399	20201	1.32	cps
Vanadium	51-2	12722	12325	12385	12477	1.71	cps
Yttrium	89-1	13284369	13397684	13534214	13405422	0.93	cps
Yttrium	89-2	2963084	2934882	2921612	2939859	0.72	cps
Zinc	66-2	1710	1587	1793	1697	6.13	cps
Zirconium	90-1	13183	13256	13326	13255	0.54	cps
Zirconium	91-1	2947	2840	2940	2909	2.05	cps

LB Number : LB127619 Operator : Jaswal
 Lab Sample ID : ICB33 Instrumnet Name : P7
 Client Sample ID : ICB33 Dilution Factor : 1
 Date & Time Acquired : 2023-10-04 13:30:44 DataFile Name : 017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	243	260	223	242	7.58	cps
Antimony	121-1	397	327	413	379	12.14	cps
Arsenic	75-2	13	0	0	4	173.21	cps
Barium	135-1	37	30	27	31	16.37	cps
Barium	137-1	57	53	30	47	31.14	cps
Beryllium	9-1	177	174	217	190	12.64	cps
Bismuth	209-1	6371760	6419982	6210634	6334125	1.73	cps
Bismuth	209-2	4919873	4957522	4832401	4903265	1.31	cps
Bromine	81-1	30609	31176	31898	31228	2.07	cps
Bromine	81-2	67	87	90	81	15.56	cps
Cadmium	108-1	7	23	23	18	54.11	cps
Cadmium	106-1	6391	6295	6135	6274	2.07	cps
Cadmium	111-1	4486	4400	4305	4397	2.06	cps
Calcium	43-1	800	810	790	800	1.25	cps
Calcium	44-1	15211	16189	15852	15751	3.15	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1567	1500	1477	1515	3.08	cps
Cobalt	59-2	37	87	60	61	40.94	cps
Copper	63-2	937	867	797	867	8.08	cps
Dysprosium	156-1	0	23	3	9	142.00	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	83	63	87	78	16.23	cps
Erbium	164-2	47	27	60	44	37.74	cps
Gadolinium	160-1	57	73	57	62	15.46	cps
Gadolinium	160-2	387	370	503	420	17.30	cps
Holmium	165-1	11181327	11038277	11002820	11074141	0.85	cps
Holmium	165-2	7194471	7107792	7184216	7162160	0.66	cps
Indium	115-1	9012406	8957289	9098022	9022573	0.79	cps
Indium	115-2	2699445	2708904	2774392	2727580	1.50	cps
Iron	56-2	13413	12906	13016	13111	2.03	cps
Iron	57-2	773	780	723	759	4.08	cps
Iron	54-2	1823	1733	1830	1796	3.01	cps
Krypton	83-1	127	107	140	124	13.48	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	ICB33	Instrumnet Name :	P7
Client Sample ID :	ICB33	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 13:30:44	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	437	357	440	411	11.48	cps
Lead	207-1	353	307	293	318	9.91	cps
Lead	208-1	1563	1503	1490	1519	2.57	cps
Lithium	6-1	2680739	2632848	2637830	2650472	0.99	cps
Magnesium	24-2	550	473	533	519	7.77	cps
Manganese	55-2	237	260	237	244	5.51	cps
Molybdenum	94-1	253	243	290	262	9.37	cps
Molybdenum	95-1	150	143	107	133	17.50	cps
Molybdenum	96-1	177	147	140	154	12.65	cps
Molybdenum	97-1	100	70	63	78	25.11	cps
Molybdenum	98-1	120	117	137	124	8.61	cps
Neodymium	150-1	13	7	0	7	99.98	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	200	253	253	236	13.07	cps
Phosphorus	31-2	420	430	297	382	19.43	cps
Potassium	39-2	63820	63793	63870	63828	0.06	cps
Rhodium	103-1	7993888	8066858	7975360	8012035	0.60	cps
Rhodium	103-2	4390847	4345984	4372512	4369781	0.52	cps
Scandium	45-1	5139088	5273300	5235294	5215894	1.33	cps
Scandium	45-2	415881	414690	416277	415616	0.20	cps
Selenium	82-1	46	64	34	48	31.04	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	170	173	157	167	5.29	cps
Silicon	28-1	261980	261194	262024	261733	0.18	cps
Silver	107-1	240	207	210	219	8.37	cps
Silver	109-1	147	150	143	147	2.27	cps
Sodium	23-2	21004	21001	21348	21118	0.94	cps
Strontium	86-1	187	217	183	196	9.39	cps
Strontium	88-1	307	313	323	314	2.67	cps
Sulfur	34-1	251087	250175	253438	251567	0.67	cps
Terbium	159-1	11263890	11390203	11426349	11360147	0.75	cps
Terbium	159-2	7134978	7097293	7158618	7130296	0.43	cps
Thallium	203-1	243	253	220	239	7.16	cps
Thallium	205-1	587	530	443	520	13.88	cps
Tin	118-1	1910	1793	1960	1888	4.53	cps
Titanium	47-1	110	90	113	104	12.08	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	ICB33	Instrumnet Name :	P7
Client Sample ID :	ICB33	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 13:30:44	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10	17	13	13	25.01	cps
Vanadium	51-2	13	17	7	12	41.65	cps
Yttrium	89-1	13421534	13668640	13631619	13573931	0.98	cps
Yttrium	89-2	3005763	2957558	2981163	2981494	0.81	cps
Zinc	66-2	507	583	610	567	9.47	cps
Zirconium	90-1	560	587	550	566	3.35	cps
Zirconium	91-1	110	90	123	108	15.57	cps

LB Number : LB127619 Operator : Jaswal
 Lab Sample ID : ICSA33 Instrumnet Name : P7
 Client Sample ID : ICSA33 Dilution Factor : 1
 Date & Time Acquired : 2023-10-04 13:34:02 DataFile Name : 018ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15494043	15404831	15585406	15494760	0.58	cps
Antimony	121-1	8466	8769	8873	8703	2.43	cps
Arsenic	75-2	120	83	140	114	25.11	cps
Barium	135-1	2994	2947	2904	2948	1.53	cps
Barium	137-1	5331	5171	5094	5199	2.32	cps
Beryllium	9-1	846	784	776	802	4.80	cps
Bismuth	209-1	5919599	6036333	5974022	5976651	0.98	cps
Bismuth	209-2	4496661	4583385	4557578	4545875	0.98	cps
Bromine	81-1	30585	31150	32232	31322	2.67	cps
Bromine	81-2	157	187	183	176	9.37	cps
Cadmium	108-1	1843	1667	1610	1707	7.13	cps
Cadmium	106-1	6041	5768	5621	5810	3.67	cps
Cadmium	111-1	5222	4804	4835	4954	4.70	cps
Calcium	43-1	2173478	2171695	2156512	2167228	0.43	cps
Calcium	44-1	34292527	34064325	34211725	34189526	0.34	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	56308	56469	56536	56437	0.21	cps
Cobalt	59-2	5451	5418	5691	5520	2.70	cps
Copper	63-2	22547	22764	22837	22716	0.66	cps
Dysprosium	156-1	37	87	47	57	46.69	cps
Dysprosium	156-2	20	13	23	19	26.96	cps
Erbium	164-1	60	90	123	91	34.77	cps
Erbium	164-2	107	63	67	79	30.57	cps
Gadolinium	160-1	83	90	60	78	20.25	cps
Gadolinium	160-2	380	433	383	399	7.49	cps
Holmium	165-1	11430861	11398187	11208815	11345954	1.06	cps
Holmium	165-2	7092828	7147119	7178249	7139399	0.61	cps
Indium	115-1	8608345	8520718	8518272	8549112	0.60	cps
Indium	115-2	2580670	2553656	2588463	2574263	0.71	cps
Iron	56-2	237415596	236157010	240718596	238097068	0.99	cps
Iron	57-2	5916578	5826353	5909647	5884193	0.85	cps
Iron	54-2	13215883	13162105	13253459	13210482	0.35	cps
Krypton	83-1	150	120	140	137	11.18	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	ICSA33	Instrumnet Name :	P7
Client Sample ID :	ICSA33	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 13:34:02	DataFile Name :	018ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	27902	26135	26933	26990	3.28	cps
Lead	207-1	21694	21928	21550	21724	0.88	cps
Lead	208-1	102753	100765	100931	101483	1.09	cps
Lithium	6-1	2560239	2474055	2512058	2515451	1.72	cps
Magnesium	24-2	27251888	27332257	27607002	27397049	0.68	cps
Manganese	55-2	17113	17363	17470	17316	1.06	cps
Molybdenum	94-1	4119802	4105208	4196704	4140572	1.19	cps
Molybdenum	95-1	7216615	7192211	7308252	7239026	0.85	cps
Molybdenum	96-1	7765305	7798080	7821188	7794857	0.36	cps
Molybdenum	97-1	4542480	4540741	4549620	4544280	0.10	cps
Molybdenum	98-1	11588057	11517604	11562502	11556054	0.31	cps
Neodymium	150-1	30	13	30	24	39.37	cps
Neodymium	150-2	7	27	27	20	57.73	cps
Nickel	60-2	6151	6168	5821	6047	3.23	cps
Phosphorus	31-2	849323	842830	845022	845725	0.39	cps
Potassium	39-2	31320424	31833091	31882885	31678800	0.98	cps
Rhodium	103-1	7300211	7235067	7215697	7250325	0.61	cps
Rhodium	103-2	3953485	3958555	3993453	3968498	0.55	cps
Scandium	45-1	5072998	4982818	4984065	5013294	1.03	cps
Scandium	45-2	390546	389107	395711	391788	0.89	cps
Selenium	82-1	75	105	88	89	16.83	cps
Selenium	77-2	10	0	3	4	114.60	cps
Selenium	78-2	153	153	153	153	0.00	cps
Silicon	28-1	368605	368483	367714	368268	0.13	cps
Silver	107-1	1451	1365	1243	1353	7.72	cps
Silver	109-1	537	480	430	482	11.07	cps
Sodium	23-2	47589489	47504444	48049998	47714644	0.62	cps
Strontium	86-1	89161	91307	90482	90317	1.20	cps
Strontium	88-1	781078	791915	793156	788716	0.84	cps
Sulfur	34-1	3750795	3737498	3694250	3727514	0.79	cps
Terbium	159-1	11522374	11457894	11538710	11506326	0.37	cps
Terbium	159-2	6988593	6954587	7104428	7015869	1.12	cps
Thallium	203-1	1017	1043	1053	1038	1.83	cps
Thallium	205-1	1984	2474	2600	2352	13.85	cps
Tin	118-1	3307	3394	2924	3208	7.80	cps
Titanium	47-1	2037387	2049600	2036310	2041099	0.36	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	ICSA33	Instrumnet Name :	P7
Client Sample ID :	ICSA33	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 13:34:02	DataFile Name :	018ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	367	397	380	381	3.94	cps
Vanadium	51-2	510	487	550	516	6.21	cps
Yttrium	89-1	13324374	13202599	13220938	13249304	0.50	cps
Yttrium	89-2	2866788	2849916	2880417	2865707	0.53	cps
Zinc	66-2	5478	5548	5538	5521	0.69	cps
Zirconium	90-1	763	797	803	788	2.72	cps
Zirconium	91-1	127	170	123	140	18.59	cps

LB Number : LB127619 Operator : Jaswal
 Lab Sample ID : ICSAB33 Instrumnet Name : P7
 Client Sample ID : ICSAB33 Dilution Factor : 1
 Date & Time Acquired : 2023-10-04 13:37:04 DataFile Name : 019ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15307585	15496916	15837884	15547462	1.73	cps
Antimony	121-1	155871	158714	156512	157032	0.95	cps
Arsenic	75-2	6468	6428	6475	6457	0.39	cps
Barium	135-1	45439	45415	45238	45364	0.24	cps
Barium	137-1	78897	77879	78810	78528	0.72	cps
Beryllium	9-1	32406	32377	32926	32570	0.95	cps
Bismuth	209-1	6004886	5969756	6003513	5992718	0.33	cps
Bismuth	209-2	4610878	4385172	3787888	4261312	9.98	cps
Bromine	81-1	31297	32569	33124	32330	2.90	cps
Bromine	81-2	167	190	147	168	12.93	cps
Cadmium	108-1	4064	3944	4264	4091	3.95	cps
Cadmium	106-1	9653	8879	9433	9322	4.28	cps
Cadmium	111-1	44192	43995	43547	43911	0.75	cps
Calcium	43-1	2213826	2247866	2189120	2216937	1.33	cps
Calcium	44-1	34315128	35146089	34636417	34699211	1.21	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	113681	115797	113986	114488	1.00	cps
Cobalt	59-2	90930	91939	93227	92032	1.25	cps
Copper	63-2	81118	80073	82023	81071	1.20	cps
Dysprosium	156-1	37	23	27	29	24.03	cps
Dysprosium	156-2	37	30	60	42	37.31	cps
Erbium	164-1	100	120	90	103	14.78	cps
Erbium	164-2	70	43	40	51	32.17	cps
Gadolinium	160-1	90	90	100	93	6.19	cps
Gadolinium	160-2	423	410	323	386	14.08	cps
Holmium	165-1	11523584	11452669	11404612	11460288	0.52	cps
Holmium	165-2	7274879	6954735	5882823	6704146	10.88	cps
Indium	115-1	8671493	8796329	8847006	8771609	1.03	cps
Indium	115-2	2574983	2506421	2101346	2394250	10.69	cps
Iron	56-2	240806063	241681696	245314416	242600725	0.99	cps
Iron	57-2	5988111	5992251	6118864	6033075	1.23	cps
Iron	54-2	13388064	13399747	13588921	13458910	0.84	cps
Krypton	83-1	190	180	160	177	8.65	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	ICSAB33	Instrumnet Name :	P7
Client Sample ID :	ICSAB33	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 13:37:04	DataFile Name :	019ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	158808	160620	159261	159563	0.59	cps
Lead	207-1	133865	135275	132505	133882	1.03	cps
Lead	208-1	615110	621209	618649	618322	0.50	cps
Lithium	6-1	2511919	2482145	2487887	2493984	0.63	cps
Magnesium	24-2	27308509	27719356	28528982	27852282	2.23	cps
Manganese	55-2	61153	60267	60936	60785	0.76	cps
Molybdenum	94-1	4206842	4229124	4246901	4227622	0.47	cps
Molybdenum	95-1	7331837	7364469	7390513	7362273	0.40	cps
Molybdenum	96-1	7820104	7908007	7790136	7839416	0.78	cps
Molybdenum	97-1	4628446	4701513	4582772	4637577	1.29	cps
Molybdenum	98-1	11937115	11874765	11841206	11884362	0.41	cps
Neodymium	150-1	63	50	57	57	11.76	cps
Neodymium	150-2	27	27	20	24	15.75	cps
Nickel	60-2	27432	27903	27198	27511	1.30	cps
Phosphorus	31-2	854054	868510	871110	864558	1.06	cps
Potassium	39-2	31860275	32300255	32548108	32236212	1.08	cps
Rhodium	103-1	7361689	7342179	7396007	7366625	0.37	cps
Rhodium	103-2	4057667	3889674	3313180	3753507	10.40	cps
Scandium	45-1	4948456	5062964	5040570	5017330	1.21	cps
Scandium	45-2	397212	390146	326169	371176	10.54	cps
Selenium	82-1	2516	2652	2629	2599	2.80	cps
Selenium	77-2	240	223	203	222	8.26	cps
Selenium	78-2	827	843	767	812	4.96	cps
Silicon	28-1	375369	381312	383050	379911	1.06	cps
Silver	107-1	182943	182844	183385	183057	0.16	cps
Silver	109-1	171188	173977	174378	173181	1.00	cps
Sodium	23-2	47909716	48100293	49707411	48572473	2.03	cps
Strontium	86-1	90620	92042	90925	91195	0.82	cps
Strontium	88-1	797090	801327	801983	800134	0.33	cps
Sulfur	34-1	3662634	3732206	3707654	3700831	0.95	cps
Terbium	159-1	11902365	11740864	11888488	11843906	0.76	cps
Terbium	159-2	7094307	6951715	5741856	6595959	11.27	cps
Thallium	203-1	155352	154129	154075	154518	0.47	cps
Thallium	205-1	367452	363392	362791	364545	0.70	cps
Tin	118-1	2747	2660	2477	2628	5.25	cps
Titanium	47-1	2035332	2086861	2026633	2049609	1.59	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	ICSAB33	Instrumnet Name :	P7
Client Sample ID :	ICSAB33	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 13:37:04	DataFile Name :	019ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	450	430	483	454	5.93	cps
Vanadium	51-2	49665	50033	49872	49856	0.37	cps
Yttrium	89-1	13516607	13421127	13491519	13476418	0.37	cps
Yttrium	89-2	2908847	2811687	2354840	2691792	10.99	cps
Zinc	66-2	15088	14624	14821	14844	1.57	cps
Zirconium	90-1	700	757	787	748	5.89	cps
Zirconium	91-1	187	213	120	173	27.74	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	CCV55	Instrumnet Name :	P7
Client Sample ID :	CCV55	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 13:40:34	DataFile Name :	020CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8473896	8491695	8517691	8494427	0.26	cps
Antimony	121-1	3695261	3772916	3722986	3730388	1.05	cps
Arsenic	75-2	156886	158657	155895	157146	0.89	cps
Barium	135-1	5413947	5545778	5451884	5470536	1.24	cps
Barium	137-1	9330475	9542160	9406718	9426451	1.14	cps
Beryllium	9-1	898955	928931	924769	917552	1.77	cps
Bismuth	209-1	6464727	5780491	5723862	5989694	6.88	cps
Bismuth	209-2	4404652	4350748	4319676	4358359	0.99	cps
Bromine	81-1	32119	32255	32870	32415	1.23	cps
Bromine	81-2	150	180	160	163	9.35	cps
Cadmium	108-1	78799	80458	79640	79633	1.04	cps
Cadmium	106-1	118458	122000	118687	119715	1.66	cps
Cadmium	111-1	1000349	1033023	1020544	1017972	1.62	cps
Calcium	43-1	5826325	5993986	5884436	5901582	1.44	cps
Calcium	44-1	93363639	94778759	93705809	93949402	0.79	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1406753	1410126	1404069	1406983	0.22	cps
Cobalt	59-2	2114168	2162697	2104377	2127081	1.47	cps
Copper	63-2	14669509	14716119	14785588	14723739	0.40	cps
Dysprosium	156-1	1153	1107	1213	1158	4.62	cps
Dysprosium	156-2	873	900	943	906	3.90	cps
Erbium	164-1	290	273	293	286	3.75	cps
Erbium	164-2	223	143	187	184	21.71	cps
Gadolinium	160-1	1140	1160	1083	1128	3.53	cps
Gadolinium	160-2	1050	1170	1087	1102	5.58	cps
Holmium	165-1	12541947	11378666	11082809	11667807	6.61	cps
Holmium	165-2	7073783	7030492	6943983	7016086	0.94	cps
Indium	115-1	9418795	8354857	8289030	8687561	7.30	cps
Indium	115-2	2522985	2537397	2487760	2516047	1.01	cps
Iron	56-2	309162389	309627282	310584415	309791362	0.23	cps
Iron	57-2	7816767	7804270	7751613	7790883	0.44	cps
Iron	54-2	17093661	17287262	17153159	17178028	0.58	cps
Krypton	83-1	173	187	147	169	12.06	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	CCV55	Instrumnet Name :	P7
Client Sample ID :	CCV55	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 13:40:34	DataFile Name :	020CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	14860142	14888342	14887026	14878504	0.11	cps
Lead	207-1	12973081	13286579	13036276	13098646	1.27	cps
Lead	208-1	59305155	60236257	59332712	59624708	0.89	cps
Lithium	6-1	2666093	2439546	2370387	2492008	6.21	cps
Magnesium	24-2	77963769	77799891	77839379	77867679	0.11	cps
Manganese	55-2	10452222	10490326	10624496	10522348	0.86	cps
Molybdenum	94-1	13910268	14138918	13881456	13976881	1.01	cps
Molybdenum	95-1	19469763	19814018	19872531	19718771	1.10	cps
Molybdenum	96-1	21247928	21642291	21703392	21531203	1.15	cps
Molybdenum	97-1	12125349	12271367	12453573	12283430	1.34	cps
Molybdenum	98-1	31379064	31530451	31322217	31410577	0.34	cps
Neodymium	150-1	943	927	917	929	1.45	cps
Neodymium	150-2	290	257	233	260	10.95	cps
Nickel	60-2	533887	535114	534786	534596	0.12	cps
Phosphorus	31-2	90294	89590	89701	89862	0.42	cps
Potassium	39-2	42927603	43699059	42877213	43167958	1.07	cps
Rhodium	103-1	7848299	7102251	6968698	7306416	6.49	cps
Rhodium	103-2	3892288	3873497	3788422	3851402	1.44	cps
Scandium	45-1	5698821	5088988	5061254	5283021	6.82	cps
Scandium	45-2	400208	397788	394137	397377	0.77	cps
Selenium	82-1	62546	63129	62484	62720	0.57	cps
Selenium	77-2	5174	4994	5121	5096	1.81	cps
Selenium	78-2	16826	17277	17070	17058	1.32	cps
Silicon	28-1	62320671	63461827	62709092	62830530	0.92	cps
Silver	107-1	4613335	4635593	4655866	4634931	0.46	cps
Silver	109-1	4124496	4180324	4212442	4172420	1.07	cps
Sodium	23-2	125902648	126905848	126468995	126425830	0.40	cps
Strontium	86-1	33408653	33918225	33367841	33564906	0.91	cps
Strontium	88-1	291493369	297076489	291886922	293485593	1.06	cps
Sulfur	34-1	608270	614564	612192	611675	0.52	cps
Terbium	159-1	12857494	11481384	11495129	11944669	6.62	cps
Terbium	159-2	7045656	7016120	6836987	6966254	1.62	cps
Thallium	203-1	3678237	3681132	3696166	3685178	0.26	cps
Thallium	205-1	8515861	8644168	8631092	8597040	0.82	cps
Tin	118-1	3402441	3468597	3442850	3437962	0.97	cps
Titanium	47-1	5055369	5169946	5138209	5121175	1.16	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	CCV55	Instrumnet Name :	P7
Client Sample ID :	CCV55	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 13:40:34	DataFile Name :	020CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	12022492	12105715	12032175	12053461	0.38	cps
Vanadium	51-2	1294471	1287258	1282592	1288107	0.46	cps
Yttrium	89-1	15023108	13451285	13337204	13937199	6.76	cps
Yttrium	89-2	2908114	2845058	2817377	2856849	1.63	cps
Zinc	66-2	2256614	2272597	2271909	2267040	0.40	cps
Zirconium	90-1	7337488	7477611	7321401	7378833	1.16	cps
Zirconium	91-1	1649061	1659266	1644586	1650971	0.46	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	CCB55	Instrumnet Name :	P7
Client Sample ID :	CCB55	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 13:46:58	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	640	630	627	632	1.10	cps
Antimony	121-1	933	1130	1060	1041	9.58	cps
Arsenic	75-2	17	17	7	13	43.29	cps
Barium	135-1	353	297	267	306	14.40	cps
Barium	137-1	563	603	573	580	3.59	cps
Beryllium	9-1	232	238	244	238	2.46	cps
Bismuth	209-1	6357879	6344705	6404643	6369076	0.49	cps
Bismuth	209-2	4935545	4920935	5044766	4967082	1.36	cps
Bromine	81-1	32466	33394	32767	32876	1.44	cps
Bromine	81-2	97	107	97	100	5.77	cps
Cadmium	108-1	27	20	13	20	33.35	cps
Cadmium	106-1	5838	6051	6005	5965	1.88	cps
Cadmium	111-1	4141	4309	4291	4247	2.16	cps
Calcium	43-1	1173	1177	1067	1139	5.49	cps
Calcium	44-1	22597	22307	22066	22323	1.19	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1643	1590	1483	1572	5.18	cps
Cobalt	59-2	140	117	97	118	18.41	cps
Copper	63-2	1753	1723	1657	1711	2.89	cps
Dysprosium	156-1	3	7	3	4	43.40	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	83	87	77	82	6.19	cps
Erbium	164-2	40	63	63	56	24.25	cps
Gadolinium	160-1	70	67	60	66	7.77	cps
Gadolinium	160-2	367	423	353	381	9.75	cps
Holmium	165-1	11228507	11443233	11238611	11303450	1.07	cps
Holmium	165-2	7175447	7121308	7310813	7202522	1.36	cps
Indium	115-1	9139017	9194526	9100828	9144790	0.52	cps
Indium	115-2	2782904	2736522	2833900	2784442	1.75	cps
Iron	56-2	31346	29061	27806	29404	6.10	cps
Iron	57-2	1177	967	1067	1070	9.82	cps
Iron	54-2	2660	2624	2510	2598	3.01	cps
Krypton	83-1	150	113	140	134	14.10	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	CCB55	Instrumnet Name :	P7
Client Sample ID :	CCB55	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 13:46:58	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1400	1273	1353	1342	4.77	cps
Lead	207-1	1277	1257	1217	1250	2.44	cps
Lead	208-1	5807	5497	5374	5559	4.02	cps
Lithium	6-1	2543932	2581935	2573546	2566471	0.78	cps
Magnesium	24-2	4267	3847	3394	3836	11.39	cps
Manganese	55-2	743	617	663	674	9.50	cps
Molybdenum	94-1	1280	1240	1343	1288	4.05	cps
Molybdenum	95-1	1570	1633	1523	1576	3.50	cps
Molybdenum	96-1	1723	1577	1613	1638	4.66	cps
Molybdenum	97-1	1027	917	757	900	15.09	cps
Molybdenum	98-1	2504	2390	2257	2384	5.18	cps
Neodymium	150-1	13	3	3	7	86.65	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	277	310	263	283	8.48	cps
Phosphorus	31-2	367	373	410	383	6.09	cps
Potassium	39-2	67710	66702	66377	66930	1.04	cps
Rhodium	103-1	8032241	8052137	8106737	8063705	0.48	cps
Rhodium	103-2	4368547	4368687	4469378	4402204	1.32	cps
Scandium	45-1	5183638	5245118	5208387	5212381	0.59	cps
Scandium	45-2	410940	413157	419057	414385	1.01	cps
Selenium	82-1	9	69	39	39	76.66	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	183	190	180	184	2.76	cps
Silicon	28-1	261988	264570	265201	263919	0.65	cps
Silver	107-1	538	450	486	491	8.93	cps
Silver	109-1	397	413	320	377	13.21	cps
Sodium	23-2	38157	37546	36991	37565	1.55	cps
Strontium	86-1	2097	2324	1990	2137	7.97	cps
Strontium	88-1	17667	17117	15939	16908	5.22	cps
Sulfur	34-1	244635	248577	246253	246488	0.80	cps
Terbium	159-1	11627958	11582911	11613556	11608142	0.20	cps
Terbium	159-2	7098269	7043778	7293719	7145256	1.84	cps
Thallium	203-1	433	427	503	454	9.35	cps
Thallium	205-1	1143	1190	1100	1145	3.93	cps
Tin	118-1	2207	2077	2057	2114	3.85	cps
Titanium	47-1	407	540	393	447	18.16	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	CCB55	Instrumnet Name :	P7
Client Sample ID :	CCB55	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 13:46:58	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	617	633	607	619	2.18	cps
Vanadium	51-2	53	37	53	48	20.13	cps
Yttrium	89-1	13585353	13674379	13687224	13648985	0.41	cps
Yttrium	89-2	2925117	2983869	3008713	2972566	1.44	cps
Zinc	66-2	750	697	633	693	8.42	cps
Zirconium	90-1	1253	1227	1307	1262	3.23	cps
Zirconium	91-1	267	290	263	273	5.32	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 13:50:13	DataFile Name :	022LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4097	4337	4331	4255	3.21	cps
Antimony	121-1	14908	14931	14995	14944	0.30	cps
Arsenic	75-2	327	333	387	349	9.43	cps
Barium	135-1	20441	20528	20595	20522	0.38	cps
Barium	137-1	35558	35701	35591	35617	0.21	cps
Beryllium	9-1	1994	2048	1842	1961	5.46	cps
Bismuth	209-1	6407932	6297337	6317399	6340889	0.93	cps
Bismuth	209-2	4803555	4846595	4850507	4833552	0.54	cps
Bromine	81-1	32526	32138	32065	32243	0.77	cps
Bromine	81-2	77	100	63	80	23.20	cps
Cadmium	108-1	160	187	140	162	14.43	cps
Cadmium	106-1	6238	6445	6431	6371	1.82	cps
Cadmium	111-1	6375	6404	6351	6377	0.42	cps
Calcium	43-1	12365	12422	12665	12484	1.28	cps
Calcium	44-1	204557	206601	207628	206262	0.76	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7812	7645	7735	7731	1.08	cps
Cobalt	59-2	4401	4234	4511	4382	3.18	cps
Copper	63-2	7589	7599	7102	7430	3.82	cps
Dysprosium	156-1	10	17	17	14	26.66	cps
Dysprosium	156-2	10	3	17	10	66.70	cps
Erbium	164-1	67	113	100	93	25.75	cps
Erbium	164-2	40	50	67	52	25.80	cps
Gadolinium	160-1	50	60	53	54	9.35	cps
Gadolinium	160-2	477	347	423	416	15.73	cps
Holmium	165-1	11338386	11257922	11254757	11283688	0.42	cps
Holmium	165-2	7080494	6972254	7015470	7022739	0.78	cps
Indium	115-1	9167934	9125565	9164211	9152570	0.26	cps
Indium	115-2	2731632	2697481	2785396	2738170	1.62	cps
Iron	56-2	153080	153672	154901	153885	0.60	cps
Iron	57-2	4427	4424	4291	4381	1.78	cps
Iron	54-2	9803	9466	9356	9542	2.44	cps
Krypton	83-1	137	123	147	136	8.64	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 13:50:13	DataFile Name :	022LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	6061	6251	6051	6121	1.84	cps
Lead	207-1	5351	5484	5311	5382	1.69	cps
Lead	208-1	24162	24736	24359	24419	1.19	cps
Lithium	6-1	2567589	2559307	2578903	2568599	0.38	cps
Magnesium	24-2	160911	160521	160002	160478	0.28	cps
Manganese	55-2	2487	2724	2670	2627	4.73	cps
Molybdenum	94-1	16489	16389	16122	16334	1.16	cps
Molybdenum	95-1	19930	20010	19847	19929	0.41	cps
Molybdenum	96-1	21766	22070	22260	22032	1.13	cps
Molybdenum	97-1	12532	12289	12472	12431	1.02	cps
Molybdenum	98-1	32292	31681	32616	32197	1.48	cps
Neodymium	150-1	20	10	3	11	75.52	cps
Neodymium	150-2	7	10	7	8	24.71	cps
Nickel	60-2	1493	1493	1560	1516	2.54	cps
Phosphorus	31-2	570	607	573	583	3.48	cps
Potassium	39-2	243091	245089	245462	244547	0.52	cps
Rhodium	103-1	8073244	8017398	8143933	8078192	0.78	cps
Rhodium	103-2	4386373	4380969	4398707	4388683	0.21	cps
Scandium	45-1	5212283	5232519	5237046	5227283	0.25	cps
Scandium	45-2	413560	410241	410483	411428	0.45	cps
Selenium	82-1	651	695	667	671	3.34	cps
Selenium	77-2	60	50	43	51	16.42	cps
Selenium	78-2	367	300	393	353	13.61	cps
Silicon	28-1	330064	333585	338666	334105	1.29	cps
Silver	107-1	10290	10299	10569	10386	1.53	cps
Silver	109-1	9096	9313	9440	9283	1.87	cps
Sodium	23-2	289399	289922	288931	289417	0.17	cps
Strontium	86-1	3190	3184	2947	3107	4.46	cps
Strontium	88-1	26090	25158	25325	25524	1.95	cps
Sulfur	34-1	249434	247597	247506	248179	0.44	cps
Terbium	159-1	11624916	11631206	11669661	11641928	0.21	cps
Terbium	159-2	6911476	6967168	7010149	6962931	0.71	cps
Thallium	203-1	7355	7149	6775	7093	4.15	cps
Thallium	205-1	16600	16473	16801	16625	0.99	cps
Tin	118-1	35828	36269	35343	35813	1.29	cps
Titanium	47-1	5361	5264	5391	5339	1.24	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 13:50:13	DataFile Name :	022LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	20689	21260	20933	20961	1.37	cps
Vanadium	51-2	12816	12482	12375	12558	1.83	cps
Yttrium	89-1	13968173	13661320	13806849	13812114	1.11	cps
Yttrium	89-2	2915515	2927024	2959710	2934083	0.78	cps
Zinc	66-2	1663	1713	1663	1680	1.72	cps
Zirconium	90-1	13433	14050	13823	13769	2.27	cps
Zirconium	91-1	2994	3157	2897	3016	4.36	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	PB155984BL	Instrumnet Name :	P7
Client Sample ID :	PB155984BL	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 13:53:31	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	273	250	250	258	5.23	cps
Antimony	121-1	213	190	303	236	25.41	cps
Arsenic	75-2	0	10	0	3	173.21	cps
Barium	135-1	57	37	33	42	29.89	cps
Barium	137-1	70	80	80	77	7.53	cps
Beryllium	9-1	148	121	115	128	13.68	cps
Bismuth	209-1	6326931	6404914	5790648	6174164	5.42	cps
Bismuth	209-2	4838165	4843181	4898229	4859859	0.69	cps
Bromine	81-1	33792	33057	33091	33313	1.25	cps
Bromine	81-2	57	87	57	67	25.98	cps
Cadmium	108-1	13	17	10	13	25.01	cps
Cadmium	106-1	6261	6071	5985	6106	2.32	cps
Cadmium	111-1	4404	4238	4189	4277	2.63	cps
Calcium	43-1	817	700	770	762	7.70	cps
Calcium	44-1	15361	15518	16032	15637	2.24	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1650	1423	1650	1575	8.31	cps
Cobalt	59-2	47	80	63	63	26.31	cps
Copper	63-2	1130	1160	1067	1119	4.26	cps
Dysprosium	156-1	20	7	3	10	88.20	cps
Dysprosium	156-2	7	10	10	9	21.63	cps
Erbium	164-1	70	103	73	82	22.33	cps
Erbium	164-2	17	57	57	43	53.29	cps
Gadolinium	160-1	60	67	43	57	21.21	cps
Gadolinium	160-2	340	383	347	357	6.54	cps
Holmium	165-1	11395690	11491901	10512177	11133256	4.85	cps
Holmium	165-2	7179030	7154058	7256998	7196695	0.75	cps
Indium	115-1	9298489	9374382	8581768	9084880	4.81	cps
Indium	115-2	2749144	2794780	2787211	2777045	0.88	cps
Iron	56-2	16343	14834	14627	15268	6.14	cps
Iron	57-2	710	787	767	754	5.27	cps
Iron	54-2	1780	1923	1890	1865	4.02	cps
Krypton	83-1	127	140	133	133	5.00	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	PB155984BL	Instrumnet Name :	P7
Client Sample ID :	PB155984BL	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 13:53:31	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	423	410	423	419	1.84	cps
Lead	207-1	427	527	327	427	23.44	cps
Lead	208-1	1753	1890	1700	1781	5.50	cps
Lithium	6-1	2554068	2619691	2428724	2534161	3.83	cps
Magnesium	24-2	693	643	757	698	8.14	cps
Manganese	55-2	290	260	243	264	8.94	cps
Molybdenum	94-1	397	303	320	340	14.64	cps
Molybdenum	95-1	273	310	197	260	22.24	cps
Molybdenum	96-1	267	280	247	264	6.35	cps
Molybdenum	97-1	110	147	167	141	20.37	cps
Molybdenum	98-1	267	270	210	249	13.55	cps
Neodymium	150-1	10	13	10	11	17.30	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	300	253	210	254	17.69	cps
Phosphorus	31-2	390	377	410	392	4.28	cps
Potassium	39-2	66474	66823	66357	66551	0.36	cps
Rhodium	103-1	8248852	8209060	7688026	8048646	3.89	cps
Rhodium	103-2	4468869	4471326	4487011	4475735	0.22	cps
Scandium	45-1	5307018	5320387	5011476	5212960	3.35	cps
Scandium	45-2	420809	420760	428442	423337	1.04	cps
Selenium	82-1	44	25	30	33	29.08	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	183	187	137	169	16.55	cps
Silicon	28-1	263286	262198	267731	264405	1.11	cps
Silver	107-1	224	221	171	205	14.58	cps
Silver	109-1	170	123	140	144	16.37	cps
Sodium	23-2	26396	25889	25932	26072	1.08	cps
Strontium	86-1	293	267	307	289	7.05	cps
Strontium	88-1	783	670	673	709	9.10	cps
Sulfur	34-1	255708	250195	255312	253739	1.21	cps
Terbium	159-1	11551779	11934004	10661430	11382404	5.74	cps
Terbium	159-2	7025170	7108653	7056904	7063576	0.60	cps
Thallium	203-1	277	220	217	238	14.18	cps
Thallium	205-1	500	543	457	500	8.67	cps
Tin	118-1	2177	1757	1757	1897	12.79	cps
Titanium	47-1	150	137	127	138	8.50	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	PB155984BL	Instrumnet Name :	P7
Client Sample ID :	PB155984BL	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 13:53:31	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	27	37	20	28	30.20	cps
Vanadium	51-2	10	13	13	12	15.73	cps
Yttrium	89-1	13790057	14113000	13112122	13671726	3.74	cps
Yttrium	89-2	3004768	2997400	3025651	3009273	0.49	cps
Zinc	66-2	430	557	523	503	13.04	cps
Zirconium	90-1	590	620	540	583	6.93	cps
Zirconium	91-1	120	113	150	128	15.29	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	PB155984BS	Instrumnet Name :	P7
Client Sample ID :	PB155984BS	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 13:56:46	DataFile Name :	024LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1750471	1746086	1755105	1750554	0.26	cps
Antimony	121-1	3814540	3922342	3923653	3886845	1.61	cps
Arsenic	75-2	163746	163308	163937	163663	0.20	cps
Barium	135-1	5467711	5516242	5440902	5474952	0.70	cps
Barium	137-1	9453407	9352659	9586822	9464296	1.24	cps
Beryllium	9-1	962130	978014	977231	972458	0.92	cps
Bismuth	209-1	6234796	6133380	6259958	6209378	1.08	cps
Bismuth	209-2	4615727	4611460	4612126	4613105	0.05	cps
Bromine	81-1	32389	32416	31527	32111	1.57	cps
Bromine	81-2	90	80	113	94	18.11	cps
Cadmium	108-1	81075	81950	81212	81412	0.58	cps
Cadmium	106-1	123536	123449	123181	123389	0.15	cps
Cadmium	111-1	1047789	1046023	1064138	1052650	0.95	cps
Calcium	43-1	1311183	1329170	1352994	1331116	1.58	cps
Calcium	44-1	19953571	20214871	20207846	20125429	0.74	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1447112	1435751	1427931	1436931	0.67	cps
Cobalt	59-2	2232536	2185357	2221445	2213113	1.11	cps
Copper	63-2	15272554	15287225	15099429	15219736	0.69	cps
Dysprosium	156-1	400	330	347	359	10.19	cps
Dysprosium	156-2	387	337	423	382	11.38	cps
Erbium	164-1	277	153	193	208	30.28	cps
Erbium	164-2	127	110	130	122	8.77	cps
Gadolinium	160-1	337	327	320	328	2.56	cps
Gadolinium	160-2	497	550	547	531	5.63	cps
Holmium	165-1	11490662	11234932	11345382	11356992	1.13	cps
Holmium	165-2	7119763	7095954	7036211	7083976	0.61	cps
Indium	115-1	8841081	8845104	8918343	8868176	0.49	cps
Indium	115-2	2640379	2592670	2643145	2625398	1.08	cps
Iron	56-2	63709501	64726562	64585587	64340550	0.86	cps
Iron	57-2	1624336	1620069	1635047	1626484	0.47	cps
Iron	54-2	3623006	3592185	3608980	3608057	0.43	cps
Krypton	83-1	177	170	147	164	9.58	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	PB155984BS	Instrumnet Name :	P7
Client Sample ID :	PB155984BS	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 13:56:46	DataFile Name :	024LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	15040601	15285149	15349655	15225135	1.07	cps
Lead	207-1	13330024	13532852	13651665	13504847	1.20	cps
Lead	208-1	60629258	61513211	61965959	61369476	1.11	cps
Lithium	6-1	2618244	2567503	2534268	2573338	1.64	cps
Magnesium	24-2	15967432	15885893	15836053	15896459	0.42	cps
Manganese	55-2	10860846	10980359	10878829	10906678	0.59	cps
Molybdenum	94-1	13876657	14063175	14095251	14011694	0.84	cps
Molybdenum	95-1	19568217	19817509	20102564	19829430	1.35	cps
Molybdenum	96-1	21362253	21711647	21994509	21689470	1.46	cps
Molybdenum	97-1	12367624	12439869	12542723	12450072	0.71	cps
Molybdenum	98-1	31473902	31731062	31715698	31640221	0.46	cps
Neodymium	150-1	843	920	853	872	4.78	cps
Neodymium	150-2	187	187	183	186	1.04	cps
Nickel	60-2	569437	568638	567498	568524	0.17	cps
Phosphorus	31-2	93007	92658	91749	92471	0.70	cps
Potassium	39-2	8887572	8831290	8658420	8792427	1.36	cps
Rhodium	103-1	7756662	7685394	7686991	7709682	0.53	cps
Rhodium	103-2	4154217	4144427	4197571	4165405	0.68	cps
Scandium	45-1	5330785	5295848	5229492	5285375	0.97	cps
Scandium	45-2	407613	407450	407442	407502	0.02	cps
Selenium	82-1	66584	67213	66978	66925	0.48	cps
Selenium	77-2	5444	5384	5474	5434	0.84	cps
Selenium	78-2	18038	18575	18255	18289	1.48	cps
Silicon	28-1	64484077	65670399	65288687	65147721	0.93	cps
Silver	107-1	4921863	4975497	4964079	4953813	0.57	cps
Silver	109-1	4433426	4488515	4494096	4472012	0.75	cps
Sodium	23-2	26436420	26068803	25979423	26161549	0.93	cps
Strontium	86-1	33736455	34326179	34330273	34130969	1.00	cps
Strontium	88-1	292489616	299397956	301835329	297907633	1.63	cps
Sulfur	34-1	636833	632261	626815	631970	0.79	cps
Terbium	159-1	11652461	11771339	11750102	11724634	0.54	cps
Terbium	159-2	6963901	6863857	6981044	6936267	0.91	cps
Thallium	203-1	3649147	3716697	3723090	3696312	1.11	cps
Thallium	205-1	8547984	8748251	8738130	8678122	1.30	cps
Tin	118-1	3503364	3542787	3566744	3537632	0.90	cps
Titanium	47-1	5228035	5279748	5229125	5245636	0.56	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	PB155984BS	Instrumnet Name :	P7
Client Sample ID :	PB155984BS	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 13:56:46	DataFile Name :	024LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11494023	11748872	11722351	11655082	1.20	cps
Vanadium	51-2	1309260	1298642	1299138	1302347	0.46	cps
Yttrium	89-1	13856227	13765816	13901971	13841338	0.50	cps
Yttrium	89-2	2938109	2909842	2917080	2921677	0.50	cps
Zinc	66-2	2399115	2350590	2350049	2366585	1.19	cps
Zirconium	90-1	7377955	7359971	7451367	7396431	0.65	cps
Zirconium	91-1	1639785	1638949	1660358	1646364	0.74	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	O4627-02DLX5	Instrumnet Name :	P7
Client Sample ID :	280-300FB-BACKFILL-0'	Dilution Factor :	5
Date & Time Acquired :	2023-10-04 14:13:32	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3264	2907	3144	3105	5.85	cps
Antimony	121-1	717	823	887	809	10.62	cps
Arsenic	75-2	57	60	53	57	5.89	cps
Barium	135-1	43991	44483	45492	44655	1.71	cps
Barium	137-1	75201	78338	77617	77052	2.13	cps
Beryllium	9-1	214	117	177	169	28.90	cps
Bismuth	209-1	6055106	6150071	6182766	6129314	1.08	cps
Bismuth	209-2	4657185	4602428	4722950	4660854	1.29	cps
Bromine	81-1	34701	34176	33628	34169	1.57	cps
Bromine	81-2	130	110	103	114	12.13	cps
Cadmium	108-1	27	40	57	41	36.56	cps
Cadmium	106-1	5995	5871	5728	5865	2.28	cps
Cadmium	111-1	4488	4332	4223	4348	3.06	cps
Calcium	43-1	3514565	3580052	3477526	3524048	1.47	cps
Calcium	44-1	56232179	56503699	56308932	56348270	0.25	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1853	1847	1857	1852	0.27	cps
Cobalt	59-2	94985	96350	94780	95372	0.89	cps
Copper	63-2	3534	3564	3524	3540	0.59	cps
Dysprosium	156-1	3534	3651	3787	3657	3.47	cps
Dysprosium	156-2	2527	2577	2544	2549	1.00	cps
Erbium	164-1	6238	6902	6872	6671	5.62	cps
Erbium	164-2	4074	4174	4041	4096	1.69	cps
Gadolinium	160-1	3474	3634	3814	3641	4.67	cps
Gadolinium	160-2	2760	2630	2640	2677	2.70	cps
Holmium	165-1	11426457	11363778	11430994	11407076	0.33	cps
Holmium	165-2	6969776	7061126	7094277	7041726	0.92	cps
Indium	115-1	9158326	9011184	9147756	9105755	0.90	cps
Indium	115-2	2719193	2681148	2666114	2688818	1.02	cps
Iron	56-2	31294179	31627325	31380815	31434106	0.55	cps
Iron	57-2	894979	901285	896248	897504	0.37	cps
Iron	54-2	1781525	1746844	1757150	1761840	1.01	cps
Krypton	83-1	120	143	137	133	9.02	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	O4627-02DLX5	Instrumnet Name :	P7
Client Sample ID :	280-300FB-BACKFILL-0'	Dilution Factor :	5
Date & Time Acquired :	2023-10-04 14:13:32	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	673	660	677	670	1.32	cps
Lead	207-1	637	600	503	580	11.88	cps
Lead	208-1	2787	2670	2610	2689	3.34	cps
Lithium	6-1	2445642	2479166	2488273	2471027	0.91	cps
Magnesium	24-2	2307348	2299696	2315572	2307539	0.34	cps
Manganese	55-2	9961539	9918729	9951076	9943781	0.22	cps
Molybdenum	94-1	1000	917	1043	987	6.53	cps
Molybdenum	95-1	1297	1477	1470	1415	7.22	cps
Molybdenum	96-1	1597	1657	1627	1627	1.84	cps
Molybdenum	97-1	580	507	457	514	12.06	cps
Molybdenum	98-1	1277	1207	1030	1171	10.85	cps
Neodymium	150-1	2487	2760	2520	2589	5.76	cps
Neodymium	150-2	1323	1480	1283	1362	7.63	cps
Nickel	60-2	5584	5935	5611	5710	3.41	cps
Phosphorus	31-2	393	387	303	361	13.89	cps
Potassium	39-2	273201	271599	274290	273030	0.50	cps
Rhodium	103-1	7849299	7822228	7788032	7819853	0.39	cps
Rhodium	103-2	4302525	4168622	4271278	4247475	1.65	cps
Scandium	45-1	5387178	5156115	5225288	5256194	2.26	cps
Scandium	45-2	406058	405151	408311	406506	0.40	cps
Selenium	82-1	136	117	131	128	7.52	cps
Selenium	77-2	7	3	13	8	65.47	cps
Selenium	78-2	210	167	150	176	17.64	cps
Silicon	28-1	21268846	21792581	21920659	21660695	1.59	cps
Silver	107-1	6445	6416	6430	6431	0.22	cps
Silver	109-1	120	107	127	118	8.65	cps
Sodium	23-2	5823596	5803205	5900043	5842281	0.87	cps
Strontium	86-1	724517	737484	733245	731749	0.90	cps
Strontium	88-1	6258283	6246339	6260229	6254950	0.12	cps
Sulfur	34-1	4559448	4600964	4514105	4558172	0.95	cps
Terbium	159-1	11708398	11614100	11586836	11636445	0.55	cps
Terbium	159-2	6979918	6875480	6935698	6930365	0.76	cps
Thallium	203-1	157	140	163	153	7.84	cps
Thallium	205-1	370	360	393	374	4.57	cps
Tin	118-1	2434	2460	2140	2345	7.57	cps
Titanium	47-1	720	640	767	709	9.04	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	O4627-02DLX5	Instrumnet Name :	P7
Client Sample ID :	280-300FB-BACKFILL-0'	Dilution Factor :	5
Date & Time Acquired :	2023-10-04 14:13:32	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10908	11338	11212	11153	1.98	cps
Vanadium	51-2	530	553	523	536	2.94	cps
Yttrium	89-1	14248404	13994599	14000043	14081015	1.03	cps
Yttrium	89-2	2963394	2971969	2965692	2967018	0.15	cps
Zinc	66-2	65231	64472	65724	65142	0.97	cps
Zirconium	90-1	1290	1340	1373	1335	3.14	cps
Zirconium	91-1	250	270	340	287	16.48	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	O4627-04DLX5	Instrumnet Name :	P7
Client Sample ID :	280-300FB-BACKFILL-02	Dilution Factor :	5
Date & Time Acquired :	2023-10-04 14:16:39	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1907	1687	1807	1800	6.12	cps
Antimony	121-1	280	303	323	302	7.18	cps
Arsenic	75-2	50	27	50	42	31.90	cps
Barium	135-1	43978	45108	44596	44561	1.27	cps
Barium	137-1	77262	78334	76611	77403	1.12	cps
Beryllium	9-1	158	152	112	140	17.91	cps
Bismuth	209-1	6226721	6198521	6241956	6222399	0.35	cps
Bismuth	209-2	4697268	4770089	4779309	4748889	0.95	cps
Bromine	81-1	33862	33401	34143	33802	1.11	cps
Bromine	81-2	110	90	143	114	23.55	cps
Cadmium	108-1	40	53	20	38	44.41	cps
Cadmium	106-1	6135	6208	6281	6208	1.18	cps
Cadmium	111-1	4500	4585	4650	4578	1.64	cps
Calcium	43-1	3561384	3529478	3629424	3573429	1.43	cps
Calcium	44-1	56631357	56709464	57174182	56838335	0.52	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1447	1317	1557	1440	8.34	cps
Cobalt	59-2	92546	92684	92295	92508	0.21	cps
Copper	63-2	2917	3080	2884	2960	3.56	cps
Dysprosium	156-1	2474	2574	2654	2567	3.51	cps
Dysprosium	156-2	1743	1733	1797	1758	1.94	cps
Erbium	164-1	4654	4471	4501	4542	2.17	cps
Erbium	164-2	2970	3010	2787	2923	4.08	cps
Gadolinium	160-1	2707	2834	2714	2751	2.59	cps
Gadolinium	160-2	2260	2040	2097	2132	5.36	cps
Holmium	165-1	11377351	11498268	11501261	11458960	0.62	cps
Holmium	165-2	7093647	7084973	7233284	7137301	1.17	cps
Indium	115-1	9040717	9084646	9263844	9129736	1.29	cps
Indium	115-2	2715415	2751425	2657253	2708031	1.75	cps
Iron	56-2	20102951	20078846	20557435	20246410	1.33	cps
Iron	57-2	594565	595960	598485	596337	0.33	cps
Iron	54-2	1198770	1210542	1213684	1207665	0.65	cps
Krypton	83-1	123	153	103	127	19.87	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	O4627-04DLX5	Instrumnet Name :	P7
Client Sample ID :	280-300FB-BACKFILL-02	Dilution Factor :	5
Date & Time Acquired :	2023-10-04 14:16:39	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	457	493	570	507	11.41	cps
Lead	207-1	443	417	420	427	3.41	cps
Lead	208-1	1833	1900	1980	1905	3.86	cps
Lithium	6-1	2374083	2464081	2432367	2423510	1.88	cps
Magnesium	24-2	2317277	2312983	2319398	2316553	0.14	cps
Manganese	55-2	9842892	9934934	9955719	9911182	0.61	cps
Molybdenum	94-1	753	543	690	662	16.27	cps
Molybdenum	95-1	1363	1213	1297	1291	5.82	cps
Molybdenum	96-1	1240	1337	1133	1237	8.22	cps
Molybdenum	97-1	417	387	407	403	3.79	cps
Molybdenum	98-1	973	1013	1003	997	2.09	cps
Neodymium	150-1	2024	1823	1947	1931	5.23	cps
Neodymium	150-2	987	1010	1060	1019	3.68	cps
Nickel	60-2	5511	5451	5484	5482	0.55	cps
Phosphorus	31-2	320	377	410	369	12.33	cps
Potassium	39-2	274748	273989	277096	275277	0.59	cps
Rhodium	103-1	7838088	7803963	7923094	7855048	0.78	cps
Rhodium	103-2	4227783	4325176	4248013	4266991	1.20	cps
Scandium	45-1	5227502	5188431	5268577	5228170	0.77	cps
Scandium	45-2	410010	407942	410897	409616	0.37	cps
Selenium	82-1	132	76	186	131	41.60	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	200	180	170	183	8.33	cps
Silicon	28-1	20552211	20598606	20708235	20619684	0.39	cps
Silver	107-1	6577	6597	6711	6628	1.09	cps
Silver	109-1	73	43	87	68	32.75	cps
Sodium	23-2	6412533	6380824	6303132	6365496	0.88	cps
Strontium	86-1	748360	756571	756544	753825	0.63	cps
Strontium	88-1	6460036	6473422	6577259	6503572	0.99	cps
Sulfur	34-1	4473812	4466009	4490332	4476718	0.28	cps
Terbium	159-1	11787825	11761462	11762082	11770456	0.13	cps
Terbium	159-2	6953649	7125853	6971055	7016852	1.35	cps
Thallium	203-1	153	133	137	141	7.59	cps
Thallium	205-1	287	353	280	307	13.22	cps
Tin	118-1	2377	2144	2404	2308	6.20	cps
Titanium	47-1	697	603	660	653	7.20	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	O4627-04DLX5	Instrumnet Name :	P7
Client Sample ID :	280-300FB-BACKFILL-02	Dilution Factor :	5
Date & Time Acquired :	2023-10-04 14:16:39	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	14745	14631	14598	14658	0.53	cps
Vanadium	51-2	447	453	483	461	4.24	cps
Yttrium	89-1	13976519	14070436	13983937	14010297	0.37	cps
Yttrium	89-2	2950043	2993129	2975637	2972936	0.73	cps
Zinc	66-2	55443	57098	56085	56209	1.49	cps
Zirconium	90-1	943	950	1010	968	3.79	cps
Zirconium	91-1	237	147	233	206	24.82	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	O4627-06DLX5	Instrumnet Name :	P7
Client Sample ID :	280-300FB-BACKFILL-00	Dilution Factor :	5
Date & Time Acquired :	2023-10-04 14:19:49	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1653	1463	1597	1571	6.21	cps
Antimony	121-1	247	257	240	248	3.38	cps
Arsenic	75-2	23	67	40	43	50.45	cps
Barium	135-1	41731	41855	42624	42070	1.15	cps
Barium	137-1	72876	73150	72581	72869	0.39	cps
Beryllium	9-1	148	149	128	142	8.39	cps
Bismuth	209-1	6051443	6153963	6139332	6114912	0.91	cps
Bismuth	209-2	4729506	4663927	4712648	4702027	0.72	cps
Bromine	81-1	34023	33127	33291	33480	1.42	cps
Bromine	81-2	133	143	110	129	13.27	cps
Cadmium	108-1	30	30	40	33	17.32	cps
Cadmium	106-1	6195	6251	6015	6154	2.01	cps
Cadmium	111-1	4639	4678	4526	4614	1.72	cps
Calcium	43-1	3715402	3727587	3730004	3724331	0.21	cps
Calcium	44-1	58289491	59019836	58696606	58668644	0.62	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1543	1673	1633	1617	4.12	cps
Cobalt	59-2	97782	98349	99225	98452	0.74	cps
Copper	63-2	3307	3067	3127	3167	3.94	cps
Dysprosium	156-1	2830	2524	2604	2653	6.00	cps
Dysprosium	156-2	1840	1783	1857	1827	2.10	cps
Erbium	164-1	4404	4434	4721	4520	3.87	cps
Erbium	164-2	2770	2900	2774	2815	2.63	cps
Gadolinium	160-1	2834	2797	2734	2788	1.81	cps
Gadolinium	160-2	2027	2047	2107	2060	2.02	cps
Holmium	165-1	11394679	11416602	11554542	11455274	0.76	cps
Holmium	165-2	7076586	6898823	7141209	7038873	1.78	cps
Indium	115-1	9093352	9286587	9234763	9204901	1.09	cps
Indium	115-2	2756239	2726619	2704821	2729226	0.95	cps
Iron	56-2	19940763	19859155	19914403	19904774	0.21	cps
Iron	57-2	590103	586251	588716	588357	0.33	cps
Iron	54-2	1184852	1174527	1181433	1180271	0.45	cps
Krypton	83-1	147	153	167	156	6.55	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	O4627-06DLX5	Instrumnet Name :	P7
Client Sample ID :	280-300FB-BACKFILL-00	Dilution Factor :	5
Date & Time Acquired :	2023-10-04 14:19:49	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	573	497	557	542	7.44	cps
Lead	207-1	453	477	410	447	7.57	cps
Lead	208-1	2037	2133	1930	2033	5.00	cps
Lithium	6-1	2446188	2360123	2476616	2427642	2.49	cps
Magnesium	24-2	2423606	2411595	2398036	2411079	0.53	cps
Manganese	55-2	10432922	10447517	10408561	10429667	0.19	cps
Molybdenum	94-1	627	733	787	716	11.39	cps
Molybdenum	95-1	1257	1473	1477	1402	8.99	cps
Molybdenum	96-1	1177	1213	1243	1211	2.76	cps
Molybdenum	97-1	387	503	400	430	14.85	cps
Molybdenum	98-1	1063	1077	983	1041	4.85	cps
Neodymium	150-1	1793	1793	1857	1815	2.02	cps
Neodymium	150-2	957	1073	1027	1019	5.76	cps
Nickel	60-2	5404	5684	5594	5561	2.57	cps
Phosphorus	31-2	337	297	387	340	13.26	cps
Potassium	39-2	292495	291007	293195	292232	0.38	cps
Rhodium	103-1	7698798	7839702	7952657	7830386	1.62	cps
Rhodium	103-2	4279962	4340317	4284313	4301531	0.78	cps
Scandium	45-1	5210153	5244571	5260715	5238480	0.49	cps
Scandium	45-2	412207	408188	412423	410939	0.58	cps
Selenium	82-1	124	107	146	126	15.40	cps
Selenium	77-2	3	7	0	3	100.05	cps
Selenium	78-2	167	203	197	189	10.34	cps
Silicon	28-1	21032096	21323334	21218971	21191467	0.70	cps
Silver	107-1	7035	7055	7023	7037	0.23	cps
Silver	109-1	80	87	90	86	5.95	cps
Sodium	23-2	6900384	6849578	6836391	6862118	0.49	cps
Strontium	86-1	795724	799990	801283	798999	0.36	cps
Strontium	88-1	6861780	6904573	6912525	6892959	0.40	cps
Sulfur	34-1	4501413	4618652	4541867	4553977	1.31	cps
Terbium	159-1	11862764	11917142	11713393	11831100	0.89	cps
Terbium	159-2	7028588	7089068	6876888	6998182	1.56	cps
Thallium	203-1	113	150	123	129	14.70	cps
Thallium	205-1	303	277	213	264	17.48	cps
Tin	118-1	1980	2484	2064	2176	12.42	cps
Titanium	47-1	620	723	737	693	9.21	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	O4627-06DLX5	Instrumnet Name :	P7
Client Sample ID :	280-300FB-BACKFILL-00	Dilution Factor :	5
Date & Time Acquired :	2023-10-04 14:19:49	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	15439	15839	16020	15766	1.89	cps
Vanadium	51-2	483	523	457	488	6.88	cps
Yttrium	89-1	14088889	14115951	14083559	14096133	0.12	cps
Yttrium	89-2	3013832	2999747	3012544	3008708	0.26	cps
Zinc	66-2	61124	60495	60448	60689	0.62	cps
Zirconium	90-1	827	807	873	836	4.09	cps
Zirconium	91-1	167	157	167	163	3.53	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	O4627-08DLX5	Instrumnet Name :	P7
Client Sample ID :	280-300FB-BACKFILL-04	Dilution Factor :	5
Date & Time Acquired :	2023-10-04 14:22:57	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2087	2244	2120	2150	3.84	cps
Antimony	121-1	180	213	200	198	8.48	cps
Arsenic	75-2	43	37	47	42	12.06	cps
Barium	135-1	42202	43252	42446	42634	1.29	cps
Barium	137-1	74430	75479	74373	74760	0.83	cps
Beryllium	9-1	141	142	108	130	14.76	cps
Bismuth	209-1	6058290	6231196	6110882	6133456	1.45	cps
Bismuth	209-2	4675936	4516641	4719038	4637205	2.30	cps
Bromine	81-1	34287	34003	33732	34007	0.82	cps
Bromine	81-2	107	117	103	109	6.37	cps
Cadmium	108-1	37	33	27	32	15.80	cps
Cadmium	106-1	6301	6345	6201	6283	1.17	cps
Cadmium	111-1	4689	4695	4612	4665	0.98	cps
Calcium	43-1	3636070	3632220	3607541	3625277	0.43	cps
Calcium	44-1	58549544	57575007	58276539	58133697	0.86	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1577	1610	1600	1596	1.07	cps
Cobalt	59-2	96565	97833	97259	97219	0.65	cps
Copper	63-2	3134	2930	3040	3035	3.35	cps
Dysprosium	156-1	2904	2937	2850	2897	1.51	cps
Dysprosium	156-2	2077	1887	2200	2055	7.68	cps
Erbium	164-1	5158	5278	5324	5253	1.64	cps
Erbium	164-2	3080	3297	3280	3219	3.75	cps
Gadolinium	160-1	2977	2997	3020	2998	0.72	cps
Gadolinium	160-2	2310	2257	2380	2316	2.67	cps
Holmium	165-1	11452097	11385167	11584184	11473816	0.88	cps
Holmium	165-2	7057599	6709775	7085107	6950827	3.01	cps
Indium	115-1	9201722	9282198	9097665	9193862	1.01	cps
Indium	115-2	2712860	2660915	2722205	2698660	1.22	cps
Iron	56-2	22021142	22284917	22223521	22176527	0.62	cps
Iron	57-2	649860	652811	658739	653803	0.69	cps
Iron	54-2	1332360	1336134	1332795	1333763	0.15	cps
Krypton	83-1	170	113	217	167	31.05	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	O4627-08DLX5	Instrumnet Name :	P7
Client Sample ID :	280-300FB-BACKFILL-04	Dilution Factor :	5
Date & Time Acquired :	2023-10-04 14:22:57	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	417	473	447	446	6.36	cps
Lead	207-1	393	467	393	418	10.14	cps
Lead	208-1	1720	1937	1793	1817	6.07	cps
Lithium	6-1	2417068	2421568	2405036	2414557	0.35	cps
Magnesium	24-2	2329574	2341078	2367403	2346018	0.83	cps
Manganese	55-2	10119946	10122887	9973765	10072199	0.85	cps
Molybdenum	94-1	663	593	653	637	5.95	cps
Molybdenum	95-1	1270	1367	1330	1322	3.69	cps
Molybdenum	96-1	1203	1090	1223	1172	6.13	cps
Molybdenum	97-1	417	367	367	383	7.53	cps
Molybdenum	98-1	910	937	893	913	2.39	cps
Neodymium	150-1	2020	2137	2207	2121	4.45	cps
Neodymium	150-2	1067	960	1060	1029	5.81	cps
Nickel	60-2	5538	5614	5384	5512	2.13	cps
Phosphorus	31-2	357	343	393	364	7.10	cps
Potassium	39-2	281818	280514	284543	282292	0.73	cps
Rhodium	103-1	7787874	7779804	7737169	7768283	0.35	cps
Rhodium	103-2	4304964	4170236	4355125	4276775	2.24	cps
Scandium	45-1	5299016	5281989	5223550	5268185	0.75	cps
Scandium	45-2	410468	398792	411498	406919	1.73	cps
Selenium	82-1	89	156	49	98	55.18	cps
Selenium	77-2	10	0	3	4	114.60	cps
Selenium	78-2	180	163	203	182	11.03	cps
Silicon	28-1	21338918	21226303	21253460	21272894	0.28	cps
Silver	107-1	6859	6710	6902	6824	1.48	cps
Silver	109-1	103	77	100	93	15.56	cps
Sodium	23-2	6348687	6410641	6354707	6371345	0.54	cps
Strontium	86-1	769922	779482	780264	776556	0.74	cps
Strontium	88-1	6732327	6546293	6785655	6688092	1.88	cps
Sulfur	34-1	4592153	4506490	4563128	4553924	0.96	cps
Terbium	159-1	11610720	11882780	11758720	11750740	1.16	cps
Terbium	159-2	6890258	6679073	7000347	6856559	2.38	cps
Thallium	203-1	113	137	153	134	14.94	cps
Thallium	205-1	267	280	313	287	8.39	cps
Tin	118-1	2320	2277	2287	2295	0.99	cps
Titanium	47-1	823	793	753	790	4.45	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	O4627-08DLX5	Instrumnet Name :	P7
Client Sample ID :	280-300FB-BACKFILL-04	Dilution Factor :	5
Date & Time Acquired :	2023-10-04 14:22:57	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	13444	14194	13891	13843	2.73	cps
Vanadium	51-2	493	430	407	443	10.12	cps
Yttrium	89-1	14076956	14294816	14132872	14168215	0.80	cps
Yttrium	89-2	2959693	2923438	3029466	2970866	1.81	cps
Zinc	66-2	55289	55723	54395	55136	1.23	cps
Zirconium	90-1	780	747	827	784	5.12	cps
Zirconium	91-1	123	167	143	144	15.01	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	O4627-10DLX5	Instrumnet Name :	P7
Client Sample ID :	280-300FB-BACKFILL-06	Dilution Factor :	5
Date & Time Acquired :	2023-10-04 14:26:08	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2053	2020	2284	2119	6.77	cps
Antimony	121-1	140	203	230	191	24.19	cps
Arsenic	75-2	20	53	57	43	46.79	cps
Barium	135-1	40253	39695	39806	39918	0.74	cps
Barium	137-1	69780	69197	70477	69818	0.92	cps
Beryllium	9-1	147	127	154	143	9.84	cps
Bismuth	209-1	6110653	6180581	6275609	6188947	1.34	cps
Bismuth	209-2	4733148	4756916	4660827	4716963	1.06	cps
Bromine	81-1	33792	33618	34109	33840	0.74	cps
Bromine	81-2	100	137	137	124	17.01	cps
Cadmium	108-1	17	43	20	27	54.47	cps
Cadmium	106-1	6111	6211	6201	6175	0.89	cps
Cadmium	111-1	4580	4638	4540	4586	1.07	cps
Calcium	43-1	3679079	3716294	3629964	3675113	1.18	cps
Calcium	44-1	58195759	58634906	58168876	58333180	0.45	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1590	1650	1537	1592	3.56	cps
Cobalt	59-2	95863	97809	96101	96591	1.10	cps
Copper	63-2	2560	2554	2640	2585	1.87	cps
Dysprosium	156-1	2394	2570	2244	2402	6.81	cps
Dysprosium	156-2	1693	1667	1673	1678	0.83	cps
Erbium	164-1	4017	4287	3981	4095	4.09	cps
Erbium	164-2	2514	2480	2557	2517	1.53	cps
Gadolinium	160-1	2390	2484	2480	2451	2.16	cps
Gadolinium	160-2	1830	2064	1810	1901	7.41	cps
Holmium	165-1	11345649	11554504	11703995	11534716	1.56	cps
Holmium	165-2	7088081	7149044	6909079	7048735	1.77	cps
Indium	115-1	9065452	9159617	9271300	9165456	1.12	cps
Indium	115-2	2716604	2706539	2692221	2705121	0.45	cps
Iron	56-2	16045022	15957634	15825624	15942760	0.69	cps
Iron	57-2	487409	486721	488126	487419	0.14	cps
Iron	54-2	955969	957489	956864	956774	0.08	cps
Krypton	83-1	180	200	160	180	11.11	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	O4627-10DLX5	Instrumnet Name :	P7
Client Sample ID :	280-300FB-BACKFILL-06	Dilution Factor :	5
Date & Time Acquired :	2023-10-04 14:26:08	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	297	330	367	331	10.58	cps
Lead	207-1	293	313	293	300	3.85	cps
Lead	208-1	1350	1343	1417	1370	2.96	cps
Lithium	6-1	2405207	2428639	2410607	2414818	0.51	cps
Magnesium	24-2	2396539	2393286	2397190	2395672	0.09	cps
Manganese	55-2	10142295	10310622	10177985	10210301	0.87	cps
Molybdenum	94-1	730	650	743	708	7.13	cps
Molybdenum	95-1	1273	1367	1473	1371	7.30	cps
Molybdenum	96-1	1173	1220	1040	1145	8.16	cps
Molybdenum	97-1	440	390	407	412	6.18	cps
Molybdenum	98-1	1023	963	1067	1018	5.10	cps
Neodymium	150-1	1783	1683	1700	1722	3.11	cps
Neodymium	150-2	887	877	900	888	1.32	cps
Nickel	60-2	5511	5681	5311	5501	3.37	cps
Phosphorus	31-2	363	330	303	332	9.05	cps
Potassium	39-2	284113	286999	287322	286144	0.62	cps
Rhodium	103-1	7711150	7917532	7983308	7870663	1.80	cps
Rhodium	103-2	4339229	4254294	4231749	4275091	1.33	cps
Scandium	45-1	5207154	5240087	5324283	5257175	1.15	cps
Scandium	45-2	413459	412386	408963	411603	0.57	cps
Selenium	82-1	72	73	120	88	31.32	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	177	183	233	198	15.66	cps
Silicon	28-1	20712115	21089104	20751992	20851070	0.99	cps
Silver	107-1	7024	7078	7198	7100	1.25	cps
Silver	109-1	83	53	80	72	22.77	cps
Sodium	23-2	6696941	6720775	6713901	6710539	0.18	cps
Strontium	86-1	802399	806343	813016	807252	0.66	cps
Strontium	88-1	6883571	6915125	7037767	6945487	1.17	cps
Sulfur	34-1	4532439	4650135	4549469	4577347	1.39	cps
Terbium	159-1	11737258	11764710	11997189	11833052	1.21	cps
Terbium	159-2	6934027	6864514	6835635	6878059	0.74	cps
Thallium	203-1	123	120	90	111	16.52	cps
Thallium	205-1	233	230	247	237	3.72	cps
Tin	118-1	2340	2017	1997	2118	9.10	cps
Titanium	47-1	877	1063	1033	991	10.11	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	O4627-10DLX5	Instrumnet Name :	P7
Client Sample ID :	280-300FB-BACKFILL-06	Dilution Factor :	5
Date & Time Acquired :	2023-10-04 14:26:08	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	15786	16417	16440	16214	2.29	cps
Vanadium	51-2	460	433	427	440	4.01	cps
Yttrium	89-1	14084341	14064876	14589344	14246187	2.09	cps
Yttrium	89-2	3024168	3008599	2949048	2993938	1.32	cps
Zinc	66-2	46877	46358	46636	46624	0.56	cps
Zirconium	90-1	847	947	920	904	5.73	cps
Zirconium	91-1	123	143	173	147	17.16	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	O4627-12DLX5	Instrumnet Name :	P7
Client Sample ID :	280-300FB-BACKFILL-06	Dilution Factor :	5
Date & Time Acquired :	2023-10-04 14:29:18	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1453	1397	1423	1425	1.99	cps
Antimony	121-1	200	170	173	181	9.08	cps
Arsenic	75-2	47	43	33	41	16.89	cps
Barium	135-1	37543	36881	38047	37490	1.56	cps
Barium	137-1	64693	65995	65011	65233	1.04	cps
Beryllium	9-1	142	132	141	139	4.21	cps
Bismuth	209-1	5101083	6100809	6096064	5765985	9.99	cps
Bismuth	209-2	4561886	4629817	4658496	4616733	1.07	cps
Bromine	81-1	33872	34066	33632	33857	0.64	cps
Bromine	81-2	123	97	107	109	12.37	cps
Cadmium	108-1	47	37	17	33	45.82	cps
Cadmium	106-1	5078	6031	5968	5692	9.37	cps
Cadmium	111-1	3792	4426	4373	4197	8.38	cps
Calcium	43-1	3722899	3626993	3686468	3678787	1.32	cps
Calcium	44-1	58285504	58488227	58397159	58390297	0.17	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1750	1627	1677	1685	3.68	cps
Cobalt	59-2	93445	94092	93556	93698	0.37	cps
Copper	63-2	2607	2714	2577	2632	2.73	cps
Dysprosium	156-1	2294	2237	2404	2311	3.67	cps
Dysprosium	156-2	1703	1680	1773	1719	2.83	cps
Erbium	164-1	3727	3861	3787	3792	1.76	cps
Erbium	164-2	2394	2390	2374	2386	0.45	cps
Gadolinium	160-1	2277	2360	2437	2358	3.39	cps
Gadolinium	160-2	1767	1817	1947	1843	5.04	cps
Holmium	165-1	9591739	11358459	11404649	10784949	9.58	cps
Holmium	165-2	7022085	7021589	6956165	6999946	0.54	cps
Indium	115-1	7592607	9025475	9167971	8595351	10.14	cps
Indium	115-2	2705513	2663704	2704328	2691182	0.88	cps
Iron	56-2	15096921	15037824	15111580	15082108	0.26	cps
Iron	57-2	467540	465412	464446	465799	0.34	cps
Iron	54-2	911770	910556	903671	908666	0.48	cps
Krypton	83-1	223	113	163	167	33.04	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	O4627-12DLX5	Instrumnet Name :	P7
Client Sample ID :	280-300FB-BACKFILL-06	Dilution Factor :	5
Date & Time Acquired :	2023-10-04 14:29:18	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	520	590	520	543	7.44	cps
Lead	207-1	347	457	407	403	13.66	cps
Lead	208-1	2013	2083	1877	1991	5.28	cps
Lithium	6-1	2066120	2443724	2413489	2307778	9.09	cps
Magnesium	24-2	2412363	2369030	2390970	2390787	0.91	cps
Manganese	55-2	10099392	9989274	9962235	10016967	0.73	cps
Molybdenum	94-1	587	697	600	628	9.56	cps
Molybdenum	95-1	1397	1383	1447	1409	2.37	cps
Molybdenum	96-1	1143	1190	1127	1153	2.85	cps
Molybdenum	97-1	487	457	463	469	3.36	cps
Molybdenum	98-1	1013	1053	1080	1049	3.20	cps
Neodymium	150-1	1697	1743	1720	1720	1.36	cps
Neodymium	150-2	787	807	847	813	3.76	cps
Nickel	60-2	5534	5421	5381	5445	1.46	cps
Phosphorus	31-2	370	420	393	394	6.34	cps
Potassium	39-2	288143	286371	285616	286710	0.45	cps
Rhodium	103-1	6537846	7751434	7923971	7404417	10.20	cps
Rhodium	103-2	4303911	4279050	4250381	4277781	0.63	cps
Scandium	45-1	4441849	5230137	5253961	4975316	9.29	cps
Scandium	45-2	413779	408932	410520	411077	0.60	cps
Selenium	82-1	68	158	89	105	45.09	cps
Selenium	77-2	3	0	7	3	100.05	cps
Selenium	78-2	197	183	180	187	4.72	cps
Silicon	28-1	20691771	21003126	20697743	20797547	0.86	cps
Silver	107-1	6922	7120	6998	7014	1.42	cps
Silver	109-1	63	70	60	64	7.90	cps
Sodium	23-2	6839090	6774328	6748088	6787169	0.69	cps
Strontium	86-1	806465	801817	802794	803692	0.30	cps
Strontium	88-1	6835645	6980128	6888066	6901280	1.06	cps
Sulfur	34-1	4565022	4588150	4566983	4573385	0.28	cps
Terbium	159-1	9981609	11835369	11741314	11186097	9.33	cps
Terbium	159-2	6944411	6805254	6948091	6899252	1.18	cps
Thallium	203-1	87	140	130	119	23.84	cps
Thallium	205-1	267	280	283	277	3.19	cps
Tin	118-1	2114	2187	1987	2096	4.83	cps
Titanium	47-1	743	737	713	731	2.15	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	O4627-12DLX5	Instrumnet Name :	P7
Client Sample ID :	280-300FB-BACKFILL-06	Dilution Factor :	5
Date & Time Acquired :	2023-10-04 14:29:18	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	16580	16517	16690	16596	0.53	cps
Vanadium	51-2	483	493	483	487	1.19	cps
Yttrium	89-1	11719850	14013509	14027561	13253640	10.02	cps
Yttrium	89-2	2972164	2965154	2949081	2962133	0.40	cps
Zinc	66-2	44309	43891	44219	44139	0.50	cps
Zirconium	90-1	650	717	813	727	11.30	cps
Zirconium	91-1	83	177	130	130	35.90	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	O4627-14DLX5	Instrumnet Name :	P7
Client Sample ID :	280-300FB-BACKFILL-07	Dilution Factor :	5
Date & Time Acquired :	2023-10-04 14:32:27	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1300	1433	1203	1312	8.80	cps
Antimony	121-1	167	167	207	180	12.83	cps
Arsenic	75-2	33	20	57	37	50.62	cps
Barium	135-1	38545	39545	39247	39112	1.31	cps
Barium	137-1	67151	67328	67894	67458	0.58	cps
Beryllium	9-1	153	160	110	141	19.10	cps
Bismuth	209-1	6076417	5996936	6066802	6046718	0.72	cps
Bismuth	209-2	4687195	4552958	4596185	4612113	1.49	cps
Bromine	81-1	33979	33371	33886	33745	0.97	cps
Bromine	81-2	127	133	137	132	3.85	cps
Cadmium	108-1	53	27	50	43	33.52	cps
Cadmium	106-1	6071	6318	6218	6203	2.00	cps
Cadmium	111-1	4393	4637	4521	4517	2.71	cps
Calcium	43-1	3733517	3867205	3791736	3797486	1.77	cps
Calcium	44-1	59240497	60643891	60986312	60290234	1.53	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1550	1550	1613	1571	2.33	cps
Cobalt	59-2	100269	99826	100970	100355	0.57	cps
Copper	63-2	2807	2764	2810	2794	0.93	cps
Dysprosium	156-1	2304	2444	2330	2359	3.15	cps
Dysprosium	156-2	1573	1720	1573	1622	5.22	cps
Erbium	164-1	3967	3974	3711	3884	3.87	cps
Erbium	164-2	2480	2647	2300	2476	7.00	cps
Gadolinium	160-1	2214	2410	2534	2386	6.77	cps
Gadolinium	160-2	2007	1923	1893	1941	3.03	cps
Holmium	165-1	11473600	11493254	11209272	11392042	1.39	cps
Holmium	165-2	7040614	6933537	6972788	6982313	0.78	cps
Indium	115-1	9053484	8970221	9178117	9067274	1.15	cps
Indium	115-2	2707884	2688371	2701398	2699217	0.37	cps
Iron	56-2	13833966	13708029	13765684	13769226	0.46	cps
Iron	57-2	430654	433764	429693	431370	0.49	cps
Iron	54-2	818399	823587	822928	821638	0.34	cps
Krypton	83-1	173	153	137	154	11.89	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	O4627-14DLX5	Instrumnet Name :	P7
Client Sample ID :	280-300FB-BACKFILL-07	Dilution Factor :	5
Date & Time Acquired :	2023-10-04 14:32:27	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	357	320	303	327	8.35	cps
Lead	207-1	307	313	307	309	1.25	cps
Lead	208-1	1327	1273	1323	1308	2.28	cps
Lithium	6-1	2427010	2413778	2456259	2432349	0.89	cps
Magnesium	24-2	2499433	2450465	2450816	2466905	1.14	cps
Manganese	55-2	10545857	10465021	10591437	10534105	0.61	cps
Molybdenum	94-1	647	720	753	707	7.72	cps
Molybdenum	95-1	1363	1503	1473	1447	5.10	cps
Molybdenum	96-1	1120	1173	1130	1141	2.48	cps
Molybdenum	97-1	497	473	450	473	4.93	cps
Molybdenum	98-1	1133	1037	1140	1103	5.24	cps
Neodymium	150-1	1650	1627	1780	1686	4.90	cps
Neodymium	150-2	863	790	857	837	4.85	cps
Nickel	60-2	5694	5848	5808	5783	1.38	cps
Phosphorus	31-2	337	327	380	348	8.15	cps
Potassium	39-2	301452	301733	301816	301667	0.06	cps
Rhodium	103-1	7789015	7687096	7771242	7749118	0.70	cps
Rhodium	103-2	4270190	4267137	4279682	4272336	0.15	cps
Scandium	45-1	5248860	5179322	5241320	5223167	0.73	cps
Scandium	45-2	411801	410648	410623	411024	0.16	cps
Selenium	82-1	85	64	116	88	29.91	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	183	170	173	176	3.95	cps
Silicon	28-1	21213132	21445134	21589173	21415813	0.89	cps
Silver	107-1	7216	7233	7215	7222	0.14	cps
Silver	109-1	50	60	60	57	10.19	cps
Sodium	23-2	7245829	7126073	7216220	7196041	0.87	cps
Strontium	86-1	826466	838171	838171	834269	0.81	cps
Strontium	88-1	7089433	7130029	7085156	7101540	0.35	cps
Sulfur	34-1	4575109	4684007	4699426	4652848	1.46	cps
Terbium	159-1	11769311	11501476	11645345	11638710	1.15	cps
Terbium	159-2	6954888	6868721	6676350	6833319	2.09	cps
Thallium	203-1	153	133	120	136	12.38	cps
Thallium	205-1	227	233	227	229	1.68	cps
Tin	118-1	1880	1804	1877	1853	2.34	cps
Titanium	47-1	740	740	813	764	5.54	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	O4627-14DLX5	Instrumnet Name :	P7
Client Sample ID :	280-300FB-BACKFILL-07	Dilution Factor :	5
Date & Time Acquired :	2023-10-04 14:32:27	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	17375	17642	17425	17480	0.81	cps
Vanadium	51-2	480	443	557	493	11.72	cps
Yttrium	89-1	13924663	13778971	13805658	13836431	0.56	cps
Yttrium	89-2	2954770	2953026	2986804	2964866	0.64	cps
Zinc	66-2	48351	48104	48087	48181	0.31	cps
Zirconium	90-1	620	730	783	711	11.71	cps
Zirconium	91-1	147	147	107	133	17.32	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	CCV56	Instrumnet Name :	P7
Client Sample ID :	CCV56	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 14:35:34	DataFile Name :	032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8550469	8470491	8548822	8523261	0.54	cps
Antimony	121-1	3715317	3791077	3788418	3764937	1.14	cps
Arsenic	75-2	158981	155427	155454	156621	1.31	cps
Barium	135-1	5373872	5463565	5467324	5434920	0.97	cps
Barium	137-1	9370439	9503117	9441910	9438489	0.70	cps
Beryllium	9-1	903392	914568	919427	912462	0.90	cps
Bismuth	209-1	5581653	5630707	5687982	5633448	0.94	cps
Bismuth	209-2	4211058	4182546	4135448	4176351	0.91	cps
Bromine	81-1	32015	32389	31484	31963	1.42	cps
Bromine	81-2	137	130	177	148	17.08	cps
Cadmium	108-1	77231	78786	79868	78628	1.69	cps
Cadmium	106-1	119134	120696	120888	120239	0.80	cps
Cadmium	111-1	1015174	1025646	1030264	1023695	0.76	cps
Calcium	43-1	6008034	5961094	6042939	6004022	0.68	cps
Calcium	44-1	94505552	94612195	93782372	94300040	0.48	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1446022	1387321	1401144	1411496	2.17	cps
Cobalt	59-2	2168513	2128337	2156756	2151202	0.96	cps
Copper	63-2	14928430	14810801	14837564	14858932	0.41	cps
Dysprosium	156-1	1230	1193	1180	1201	2.16	cps
Dysprosium	156-2	833	837	853	841	1.27	cps
Erbium	164-1	283	263	303	283	7.06	cps
Erbium	164-2	153	137	190	160	17.05	cps
Gadolinium	160-1	1167	1123	1040	1110	5.80	cps
Gadolinium	160-2	1070	1123	1020	1071	4.82	cps
Holmium	165-1	11230185	11130428	11099069	11153227	0.61	cps
Holmium	165-2	6788601	6831550	6714255	6778136	0.88	cps
Indium	115-1	8385191	8510612	8520680	8472161	0.89	cps
Indium	115-2	2461047	2450611	2507097	2472918	1.22	cps
Iron	56-2	313961289	312748642	312418542	313042824	0.26	cps
Iron	57-2	7887963	7765306	7863137	7838802	0.83	cps
Iron	54-2	17352023	17201704	17257064	17270264	0.44	cps
Krypton	83-1	163	187	157	169	9.33	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	CCV56	Instrumnet Name :	P7
Client Sample ID :	CCV56	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 14:35:34	DataFile Name :	032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	14431270	14566589	14663346	14553735	0.80	cps
Lead	207-1	12754743	13003325	12955451	12904507	1.02	cps
Lead	208-1	57828296	58378515	58791682	58332831	0.83	cps
Lithium	6-1	2357444	2375187	2357830	2363487	0.43	cps
Magnesium	24-2	79416747	78470379	78560126	78815750	0.66	cps
Manganese	55-2	10698631	10448724	10579659	10575671	1.18	cps
Molybdenum	94-1	13903444	13934933	13959648	13932675	0.20	cps
Molybdenum	95-1	19395778	19690274	19867761	19651271	1.21	cps
Molybdenum	96-1	21202744	21678331	21997365	21626147	1.85	cps
Molybdenum	97-1	12260470	12391585	12450143	12367399	0.79	cps
Molybdenum	98-1	31581662	31937473	31658867	31726001	0.59	cps
Neodymium	150-1	890	913	1023	942	7.56	cps
Neodymium	150-2	257	230	277	254	9.20	cps
Nickel	60-2	533517	532352	536810	534226	0.43	cps
Phosphorus	31-2	89486	88899	89191	89192	0.33	cps
Potassium	39-2	43702811	42990629	43730416	43474619	0.96	cps
Rhodium	103-1	6982436	7090742	7072916	7048698	0.82	cps
Rhodium	103-2	3858935	3733032	3887972	3826646	2.15	cps
Scandium	45-1	5101909	5072255	5101278	5091814	0.33	cps
Scandium	45-2	395166	396538	398401	396702	0.41	cps
Selenium	82-1	61971	63289	63899	63053	1.56	cps
Selenium	77-2	5388	5061	4944	5131	4.48	cps
Selenium	78-2	17334	17440	17043	17272	1.19	cps
Silicon	28-1	61574281	63028332	63777222	62793279	1.78	cps
Silver	107-1	4583048	4640194	4715620	4646288	1.43	cps
Silver	109-1	4104482	4171342	4274091	4183305	2.04	cps
Sodium	23-2	128977961	126526071	126410835	127304956	1.14	cps
Strontium	86-1	33545570	33948793	33320754	33605039	0.95	cps
Strontium	88-1	293708522	295137102	293030776	293958800	0.37	cps
Sulfur	34-1	595587	602977	599543	599369	0.62	cps
Terbium	159-1	11186642	11328145	11378261	11297683	0.88	cps
Terbium	159-2	6705999	6589262	6589919	6628394	1.01	cps
Thallium	203-1	3537953	3558526	3567230	3554569	0.42	cps
Thallium	205-1	8216916	8366933	8312304	8298718	0.91	cps
Tin	118-1	3415478	3487770	3512475	3471908	1.45	cps
Titanium	47-1	5181762	5232582	5136467	5183604	0.93	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	CCV56	Instrumnet Name :	P7
Client Sample ID :	CCV56	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 14:35:34	DataFile Name :	032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11879216	11973685	11956579	11936493	0.42	cps
Vanadium	51-2	1294247	1282561	1295943	1290917	0.56	cps
Yttrium	89-1	13529665	13541354	13415405	13495475	0.52	cps
Yttrium	89-2	2824615	2795108	2833956	2817893	0.72	cps
Zinc	66-2	2285207	2299349	2273818	2286125	0.56	cps
Zirconium	90-1	7431037	7450419	7339401	7406952	0.80	cps
Zirconium	91-1	1643356	1665341	1675814	1661504	1.00	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	CCB56	Instrumnet Name :	P7
Client Sample ID :	CCB56	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 14:42:40	DataFile Name :	033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	277	300	287	288	4.07	cps
Antimony	121-1	770	953	907	877	10.87	cps
Arsenic	75-2	3	10	0	4	114.60	cps
Barium	135-1	57	73	67	66	12.79	cps
Barium	137-1	107	163	137	136	20.91	cps
Beryllium	9-1	176	115	179	157	23.02	cps
Bismuth	209-1	6218043	6239562	6179332	6212312	0.49	cps
Bismuth	209-2	4673397	4803389	4808508	4761765	1.61	cps
Bromine	81-1	34256	33501	34060	33939	1.15	cps
Bromine	81-2	73	97	97	89	15.16	cps
Cadmium	108-1	7	10	3	7	50.03	cps
Cadmium	106-1	6168	6195	6141	6168	0.43	cps
Cadmium	111-1	4346	4349	4310	4335	0.51	cps
Calcium	43-1	810	937	760	836	10.90	cps
Calcium	44-1	16582	16683	16262	16509	1.33	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1487	1510	1633	1543	5.11	cps
Cobalt	59-2	60	70	107	79	31.15	cps
Copper	63-2	1083	1050	1257	1130	9.82	cps
Dysprosium	156-1	7	13	13	11	34.61	cps
Dysprosium	156-2	3	3	7	4	43.40	cps
Erbium	164-1	83	77	83	81	4.74	cps
Erbium	164-2	40	30	33	34	14.78	cps
Gadolinium	160-1	50	47	43	47	7.15	cps
Gadolinium	160-2	397	417	407	407	2.46	cps
Holmium	165-1	11191029	11442757	11406937	11346908	1.20	cps
Holmium	165-2	6793519	6876177	6927189	6865628	0.98	cps
Indium	115-1	9273974	9416514	9134228	9274906	1.52	cps
Indium	115-2	2748511	2782217	2806310	2779012	1.04	cps
Iron	56-2	16239	17060	16623	16640	2.47	cps
Iron	57-2	843	947	893	894	5.78	cps
Iron	54-2	2033	2003	1853	1963	4.91	cps
Krypton	83-1	143	163	130	146	11.53	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	CCB56	Instrumnet Name :	P7
Client Sample ID :	CCB56	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 14:42:40	DataFile Name :	033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	603	530	533	556	7.45	cps
Lead	207-1	493	473	453	473	4.23	cps
Lead	208-1	2337	2027	2107	2157	7.46	cps
Lithium	6-1	2517104	2557400	2502201	2525568	1.13	cps
Magnesium	24-2	1217	1300	1190	1236	4.64	cps
Manganese	55-2	430	380	393	401	6.45	cps
Molybdenum	94-1	563	593	513	557	7.26	cps
Molybdenum	95-1	583	420	413	472	20.39	cps
Molybdenum	96-1	600	617	517	578	9.27	cps
Molybdenum	97-1	333	360	270	321	14.40	cps
Molybdenum	98-1	890	690	713	764	14.31	cps
Neodymium	150-1	7	3	13	8	65.47	cps
Neodymium	150-2	0	3	7	3	100.05	cps
Nickel	60-2	237	193	217	216	10.06	cps
Phosphorus	31-2	340	457	383	393	14.99	cps
Potassium	39-2	67867	67589	66053	67170	1.45	cps
Rhodium	103-1	8109913	8281293	8324576	8238594	1.38	cps
Rhodium	103-2	4412831	4464062	4461413	4446102	0.65	cps
Scandium	45-1	5225302	5366563	5419158	5337008	1.88	cps
Scandium	45-2	418635	421449	425648	421911	0.84	cps
Selenium	82-1	32	-9	51	25	124.46	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	153	187	177	172	9.93	cps
Silicon	28-1	261276	263259	262214	262250	0.38	cps
Silver	107-1	281	264	203	249	16.36	cps
Silver	109-1	217	193	160	190	14.99	cps
Sodium	23-2	27174	26740	26189	26701	1.85	cps
Strontium	86-1	697	553	560	603	13.41	cps
Strontium	88-1	4107	3637	3174	3639	12.83	cps
Sulfur	34-1	258166	254546	257193	256635	0.73	cps
Terbium	159-1	11522055	11699066	11660761	11627294	0.80	cps
Terbium	159-2	6748041	6692780	6901261	6780694	1.59	cps
Thallium	203-1	187	167	200	184	9.10	cps
Thallium	205-1	440	440	463	448	3.01	cps
Tin	118-1	2197	2334	1974	2168	8.38	cps
Titanium	47-1	247	160	213	207	21.15	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	CCB56	Instrumnet Name :	P7
Client Sample ID :	CCB56	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 14:42:40	DataFile Name :	033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	157	110	93	120	27.36	cps
Vanadium	51-2	27	13	13	18	43.33	cps
Yttrium	89-1	13986089	13968923	13759279	13904764	0.91	cps
Yttrium	89-2	2938044	2995623	2979908	2971192	1.00	cps
Zinc	66-2	563	583	503	550	7.57	cps
Zirconium	90-1	917	943	837	899	6.18	cps
Zirconium	91-1	217	147	183	182	19.21	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	O4627-16DLX5	Instrumnet Name :	P7
Client Sample ID :	280-300FB-BACKFILL-08	Dilution Factor :	5
Date & Time Acquired :	2023-10-04 14:45:57	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	957	1063	1027	1016	5.34	cps
Antimony	121-1	290	380	410	360	17.35	cps
Arsenic	75-2	30	30	33	31	6.18	cps
Barium	135-1	41006	40631	40711	40783	0.48	cps
Barium	137-1	70380	69954	70667	70334	0.51	cps
Beryllium	9-1	115	191	188	165	26.31	cps
Bismuth	209-1	6104846	5981389	6049445	6045227	1.02	cps
Bismuth	209-2	4599993	4561304	4581158	4580818	0.42	cps
Bromine	81-1	32442	31918	32118	32160	0.82	cps
Bromine	81-2	140	113	127	127	10.53	cps
Cadmium	108-1	40	50	33	41	20.41	cps
Cadmium	106-1	5968	5971	6031	5990	0.60	cps
Cadmium	111-1	4366	4312	4475	4384	1.90	cps
Calcium	43-1	3851725	3840486	3859803	3850671	0.25	cps
Calcium	44-1	61268667	60893211	60976246	61046041	0.32	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1493	1720	1677	1630	7.38	cps
Cobalt	59-2	94957	95733	96202	95631	0.66	cps
Copper	63-2	2524	2414	2370	2436	3.25	cps
Dysprosium	156-1	1673	1680	1680	1678	0.23	cps
Dysprosium	156-2	1140	1073	1167	1127	4.27	cps
Erbium	164-1	2917	2947	3030	2965	1.98	cps
Erbium	164-2	1737	1700	1767	1735	1.92	cps
Gadolinium	160-1	1780	1880	1720	1793	4.51	cps
Gadolinium	160-2	1480	1633	1487	1533	5.65	cps
Holmium	165-1	11144611	11161672	11152637	11152973	0.08	cps
Holmium	165-2	6954563	6774895	6837517	6855658	1.33	cps
Indium	115-1	9016787	8855307	8789130	8887074	1.32	cps
Indium	115-2	2662035	2620428	2610778	2631080	1.04	cps
Iron	56-2	10191436	10180227	10174216	10181960	0.09	cps
Iron	57-2	330604	330200	331404	330736	0.19	cps
Iron	54-2	606598	604996	601483	604359	0.43	cps
Krypton	83-1	120	120	160	133	17.32	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	O4627-16DLX5	Instrumnet Name :	P7
Client Sample ID :	280-300FB-BACKFILL-08	Dilution Factor :	5
Date & Time Acquired :	2023-10-04 14:45:57	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	403	403	467	424	8.61	cps
Lead	207-1	347	380	350	359	5.11	cps
Lead	208-1	1673	1707	1707	1696	1.13	cps
Lithium	6-1	2472105	2479777	2422585	2458156	1.26	cps
Magnesium	24-2	2587141	2557861	2564472	2569825	0.60	cps
Manganese	55-2	10596544	10612300	10593542	10600796	0.10	cps
Molybdenum	94-1	690	793	837	773	9.74	cps
Molybdenum	95-1	1617	1663	1547	1609	3.65	cps
Molybdenum	96-1	1270	1197	1307	1258	4.45	cps
Molybdenum	97-1	617	497	470	528	14.80	cps
Molybdenum	98-1	1360	1333	1447	1380	4.29	cps
Neodymium	150-1	1297	1227	1257	1260	2.79	cps
Neodymium	150-2	607	563	703	624	11.48	cps
Nickel	60-2	5638	5678	5531	5616	1.35	cps
Phosphorus	31-2	330	400	280	337	17.90	cps
Potassium	39-2	300458	298729	297986	299058	0.42	cps
Rhodium	103-1	7715063	7572264	7576966	7621431	1.06	cps
Rhodium	103-2	4148322	4102074	4108793	4119730	0.61	cps
Scandium	45-1	5210825	5089492	5123238	5141185	1.22	cps
Scandium	45-2	398879	397979	394596	397151	0.57	cps
Selenium	82-1	163	150	114	142	17.76	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	133	187	170	163	16.70	cps
Silicon	28-1	21090663	20863020	21070159	21007948	0.60	cps
Silver	107-1	7498	7699	7589	7595	1.33	cps
Silver	109-1	150	123	97	123	21.62	cps
Sodium	23-2	7564791	7550493	7580554	7565279	0.20	cps
Strontium	86-1	865363	867868	859446	864226	0.50	cps
Strontium	88-1	7357649	7482019	7406112	7415260	0.85	cps
Sulfur	34-1	4664734	4596491	4671973	4644399	0.90	cps
Terbium	159-1	11637872	11541865	11432377	11537371	0.89	cps
Terbium	159-2	6808296	6747609	6747515	6767807	0.52	cps
Thallium	203-1	187	123	173	161	20.72	cps
Thallium	205-1	433	310	330	358	18.50	cps
Tin	118-1	1823	1890	1974	1896	3.97	cps
Titanium	47-1	690	793	690	724	8.24	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	O4627-16DLX5	Instrumnet Name :	P7
Client Sample ID :	280-300FB-BACKFILL-08	Dilution Factor :	5
Date & Time Acquired :	2023-10-04 14:45:57	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	21123	21050	21217	21130	0.40	cps
Vanadium	51-2	480	463	473	472	1.78	cps
Yttrium	89-1	13661695	13738429	13551917	13650680	0.69	cps
Yttrium	89-2	2853942	2869250	2850388	2857860	0.35	cps
Zinc	66-2	39870	40398	40893	40387	1.27	cps
Zirconium	90-1	793	903	910	869	7.54	cps
Zirconium	91-1	177	167	153	166	7.07	cps

LB Number : LB127619 Operator : Jaswal
 Lab Sample ID : O4627-18DLX5 Instrumnet Name : P7
 Client Sample ID : 280-300FB-BACKFILL-09 Dilution Factor : 5
 Date & Time Acquired : 2023-10-04 14:49:05 DataFile Name : 035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3670	3464	3400	3512	4.02	cps
Antimony	121-1	233	260	293	262	11.46	cps
Arsenic	75-2	70	37	30	46	47.04	cps
Barium	135-1	36052	36677	36039	36256	1.01	cps
Barium	137-1	64679	64284	63899	64288	0.61	cps
Beryllium	9-1	144	124	174	147	17.03	cps
Bismuth	209-1	6066802	5892439	5990505	5983249	1.46	cps
Bismuth	209-2	4585529	4561553	4589525	4578869	0.33	cps
Bromine	81-1	31327	32252	32182	31920	1.61	cps
Bromine	81-2	163	137	137	146	10.58	cps
Cadmium	108-1	37	53	20	37	45.45	cps
Cadmium	106-1	5861	5905	5985	5917	1.06	cps
Cadmium	111-1	4314	4309	4389	4337	1.03	cps
Calcium	43-1	3447903	3418564	3423157	3429875	0.46	cps
Calcium	44-1	54961954	54689586	54405493	54685678	0.51	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2417	2554	2357	2442	4.13	cps
Cobalt	59-2	90168	91168	90440	90592	0.57	cps
Copper	63-2	2570	2677	2497	2581	3.51	cps
Dysprosium	156-1	3811	3774	3861	3815	1.14	cps
Dysprosium	156-2	2550	2654	2587	2597	2.02	cps
Erbium	164-1	6985	6892	7149	7008	1.85	cps
Erbium	164-2	4417	4294	4034	4248	4.61	cps
Gadolinium	160-1	3891	3661	3681	3744	3.40	cps
Gadolinium	160-2	2894	2834	2604	2777	5.51	cps
Holmium	165-1	10954515	10796692	11339530	11030246	2.53	cps
Holmium	165-2	6896974	6833780	6843846	6858200	0.50	cps
Indium	115-1	8837063	8585883	8943301	8788749	2.09	cps
Indium	115-2	2627338	2655082	2628144	2636855	0.60	cps
Iron	56-2	33889811	33316547	34339572	33848643	1.51	cps
Iron	57-2	957079	958519	954488	956695	0.21	cps
Iron	54-2	1898694	1903253	1867956	1889968	1.02	cps
Krypton	83-1	137	187	157	160	15.73	cps

LB Number : LB127619 Operator : Jaswal
 Lab Sample ID : O4627-18DLX5 Instrumnet Name : P7
 Client Sample ID : 280-300FB-BACKFILL-09 Dilution Factor : 5
 Date & Time Acquired : 2023-10-04 14:49:05 DataFile Name : 035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	363	347	323	344	5.83	cps
Lead	207-1	397	327	407	377	11.57	cps
Lead	208-1	1560	1453	1473	1496	3.79	cps
Lithium	6-1	2428971	2437649	2451813	2439478	0.47	cps
Magnesium	24-2	2185664	2166599	2140066	2164110	1.06	cps
Manganese	55-2	9467435	9408422	9530737	9468865	0.65	cps
Molybdenum	94-1	730	667	743	713	5.74	cps
Molybdenum	95-1	1207	1263	1433	1301	9.07	cps
Molybdenum	96-1	1507	1700	1557	1588	6.32	cps
Molybdenum	97-1	427	477	390	431	10.09	cps
Molybdenum	98-1	1083	1060	920	1021	8.65	cps
Neodymium	150-1	2534	2697	2617	2616	3.12	cps
Neodymium	150-2	1397	1317	1350	1355	2.97	cps
Nickel	60-2	5364	5658	5231	5418	4.03	cps
Phosphorus	31-2	303	307	330	313	4.64	cps
Potassium	39-2	256185	254655	253952	254930	0.45	cps
Rhodium	103-1	7387094	7241049	7564211	7397451	2.19	cps
Rhodium	103-2	4157446	4219906	4092108	4156486	1.54	cps
Scandium	45-1	5019703	4924477	5095575	5013252	1.71	cps
Scandium	45-2	397583	397661	399171	398138	0.22	cps
Selenium	82-1	92	92	90	91	1.18	cps
Selenium	77-2	7	3	17	9	78.08	cps
Selenium	78-2	200	193	153	182	13.85	cps
Silicon	28-1	20934306	21211971	21215972	21120750	0.76	cps
Silver	107-1	5940	6115	6039	6031	1.45	cps
Silver	109-1	90	47	57	64	35.20	cps
Sodium	23-2	5478151	5479262	5387833	5448415	0.96	cps
Strontium	86-1	678477	693274	687011	686254	1.08	cps
Strontium	88-1	5830034	6004611	5928889	5921178	1.48	cps
Sulfur	34-1	4417066	4397162	4433560	4415929	0.41	cps
Terbium	159-1	11312035	11048781	11404737	11255184	1.64	cps
Terbium	159-2	7001530	6746238	6710543	6819437	2.33	cps
Thallium	203-1	113	127	123	121	5.73	cps
Thallium	205-1	277	320	297	298	7.28	cps
Tin	118-1	1990	1977	1743	1904	7.29	cps
Titanium	47-1	713	797	777	762	5.71	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	O4627-18DLX5	Instrumnet Name :	P7
Client Sample ID :	280-300FB-BACKFILL-09	Dilution Factor :	5
Date & Time Acquired :	2023-10-04 14:49:05	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11115	10794	11138	11016	1.74	cps
Vanadium	51-2	510	567	580	552	6.73	cps
Yttrium	89-1	13290825	13231486	13781385	13434565	2.25	cps
Yttrium	89-2	2905016	2928002	2914553	2915857	0.40	cps
Zinc	66-2	43466	43821	43222	43503	0.69	cps
Zirconium	90-1	630	743	810	728	12.50	cps
Zirconium	91-1	123	157	107	129	19.75	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	O4627-20DLX5	Instrumnet Name :	P7
Client Sample ID :	280-300FB-BACKFILL-10	Dilution Factor :	5
Date & Time Acquired :	2023-10-04 14:52:14	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5484	5334	5664	5494	3.01	cps
Antimony	121-1	220	260	240	240	8.34	cps
Arsenic	75-2	50	70	40	53	28.64	cps
Barium	135-1	39521	38672	38726	38973	1.22	cps
Barium	137-1	67067	67526	66354	66982	0.88	cps
Beryllium	9-1	201	131	117	150	29.89	cps
Bismuth	209-1	5805278	6106241	6172361	6027960	3.25	cps
Bismuth	209-2	4706759	4690379	4692253	4696464	0.19	cps
Bromine	81-1	32787	33909	33418	33371	1.69	cps
Bromine	81-2	117	157	113	129	18.71	cps
Cadmium	108-1	20	33	43	32	36.33	cps
Cadmium	106-1	5875	6091	5738	5901	3.02	cps
Cadmium	111-1	4372	4514	4310	4398	2.38	cps
Calcium	43-1	3398126	3497235	3485199	3460187	1.56	cps
Calcium	44-1	54959079	55338759	54930444	55076094	0.41	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1677	1630	1547	1618	4.07	cps
Cobalt	59-2	94045	93905	93009	93653	0.60	cps
Copper	63-2	2684	2624	2640	2649	1.17	cps
Dysprosium	156-1	4664	4571	4451	4562	2.35	cps
Dysprosium	156-2	3094	3257	3304	3218	3.43	cps
Erbium	164-1	9016	8816	9040	8957	1.37	cps
Erbium	164-2	5254	5201	5471	5309	2.69	cps
Gadolinium	160-1	4794	4861	4908	4854	1.17	cps
Gadolinium	160-2	3477	3370	3187	3345	4.39	cps
Holmium	165-1	10775799	11273877	11505531	11185069	3.33	cps
Holmium	165-2	7126245	6955174	7022294	7034571	1.23	cps
Indium	115-1	8727176	8946223	9052226	8908542	1.86	cps
Indium	115-2	2677283	2623825	2658403	2653170	1.02	cps
Iron	56-2	40947407	40654619	41178723	40926916	0.64	cps
Iron	57-2	1149231	1141686	1153086	1148001	0.51	cps
Iron	54-2	2299491	2275469	2267513	2280824	0.73	cps
Krypton	83-1	163	163	163	163	0.00	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	O4627-20DLX5	Instrumnet Name :	P7
Client Sample ID :	280-300FB-BACKFILL-10	Dilution Factor :	5
Date & Time Acquired :	2023-10-04 14:52:14	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	347	407	427	393	10.59	cps
Lead	207-1	403	337	310	350	13.73	cps
Lead	208-1	1547	1547	1557	1550	0.37	cps
Lithium	6-1	2391215	2475673	2444163	2437017	1.75	cps
Magnesium	24-2	2250937	2243298	2232445	2242227	0.41	cps
Manganese	55-2	9497120	9476567	9574304	9515997	0.54	cps
Molybdenum	94-1	613	567	673	618	8.66	cps
Molybdenum	95-1	1277	1103	1237	1206	7.53	cps
Molybdenum	96-1	1433	1510	1663	1536	7.63	cps
Molybdenum	97-1	380	333	383	366	7.65	cps
Molybdenum	98-1	827	960	930	906	7.72	cps
Neodymium	150-1	3200	3350	3424	3325	3.42	cps
Neodymium	150-2	1627	1693	1470	1597	7.18	cps
Nickel	60-2	5338	5334	5594	5422	2.75	cps
Phosphorus	31-2	413	323	363	367	12.30	cps
Potassium	39-2	257608	257999	258499	258035	0.17	cps
Rhodium	103-1	7213522	7651690	7701816	7522343	3.57	cps
Rhodium	103-2	4253487	4128953	4199396	4193945	1.49	cps
Scandium	45-1	4944405	5099779	5178818	5074334	2.35	cps
Scandium	45-2	403975	399644	404610	402743	0.67	cps
Selenium	82-1	54	96	82	77	27.67	cps
Selenium	77-2	3	7	17	9	78.08	cps
Selenium	78-2	177	180	180	179	1.07	cps
Silicon	28-1	22471471	22530947	22271252	22424557	0.61	cps
Silver	107-1	6184	6229	6092	6168	1.13	cps
Silver	109-1	83	47	80	70	28.96	cps
Sodium	23-2	5433499	5445403	5407028	5428643	0.36	cps
Strontium	86-1	696022	707878	706905	703602	0.94	cps
Strontium	88-1	6034236	6079176	5978643	6030685	0.84	cps
Sulfur	34-1	4542149	4573081	4557528	4557586	0.34	cps
Terbium	159-1	10838572	11531857	11823163	11397864	4.44	cps
Terbium	159-2	7050820	6884212	6810962	6915331	1.78	cps
Thallium	203-1	137	130	107	124	12.66	cps
Thallium	205-1	273	327	270	290	10.96	cps
Tin	118-1	1773	1633	1833	1747	5.88	cps
Titanium	47-1	840	703	693	746	10.99	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	O4627-20DLX5	Instrumnet Name :	P7
Client Sample ID :	280-300FB-BACKFILL-10	Dilution Factor :	5
Date & Time Acquired :	2023-10-04 14:52:14	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	8896	9013	9080	8996	1.03	cps
Vanadium	51-2	583	560	607	583	4.00	cps
Yttrium	89-1	13023211	13968254	14050188	13680551	4.17	cps
Yttrium	89-2	2966964	2872168	2947043	2928725	1.71	cps
Zinc	66-2	45205	45425	45904	45511	0.79	cps
Zirconium	90-1	670	777	740	729	7.44	cps
Zirconium	91-1	117	140	160	139	15.61	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	O4627-22DLX5	Instrumnet Name :	P7
Client Sample ID :	280-300FB-BACKFILL-11	Dilution Factor :	5
Date & Time Acquired :	2023-10-04 14:55:21	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3927	4247	4067	4081	3.93	cps
Antimony	121-1	263	320	227	270	17.42	cps
Arsenic	75-2	87	80	80	82	4.68	cps
Barium	135-1	39073	39829	39916	39606	1.17	cps
Barium	137-1	69066	68450	69344	68954	0.66	cps
Beryllium	9-1	148	142	145	145	2.11	cps
Bismuth	209-1	5879307	6146158	6170009	6065158	2.66	cps
Bismuth	209-2	4638578	4640264	4565591	4614811	0.92	cps
Bromine	81-1	32352	32035	32686	32358	1.01	cps
Bromine	81-2	117	120	113	117	2.86	cps
Cadmium	108-1	57	50	63	57	11.76	cps
Cadmium	106-1	6218	6391	6168	6259	1.87	cps
Cadmium	111-1	4816	5012	4830	4886	2.24	cps
Calcium	43-1	3370584	3432977	3459426	3420996	1.33	cps
Calcium	44-1	53819439	53923018	54075251	53939236	0.24	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4407	4454	4421	4427	0.54	cps
Cobalt	59-2	91933	92140	93116	92396	0.68	cps
Copper	63-2	3064	2860	2947	2957	3.45	cps
Dysprosium	156-1	4221	4177	4324	4241	1.78	cps
Dysprosium	156-2	2884	2890	3104	2959	4.23	cps
Erbium	164-1	8192	8059	8379	8210	1.96	cps
Erbium	164-2	4978	4884	4881	4914	1.12	cps
Gadolinium	160-1	4474	4384	4367	4409	1.30	cps
Gadolinium	160-2	3070	3264	3360	3232	4.57	cps
Holmium	165-1	10905599	11226944	11428497	11187013	2.36	cps
Holmium	165-2	6866130	6895545	6984950	6915542	0.89	cps
Indium	115-1	8679042	9037415	9236649	8984369	3.15	cps
Indium	115-2	2645144	2621197	2659512	2641951	0.73	cps
Iron	56-2	41007666	41088758	41277610	41124678	0.34	cps
Iron	57-2	1147610	1151422	1152855	1150629	0.24	cps
Iron	54-2	2290819	2312498	2291306	2298208	0.54	cps
Krypton	83-1	143	150	187	160	14.58	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	O4627-22DLX5	Instrumnet Name :	P7
Client Sample ID :	280-300FB-BACKFILL-11	Dilution Factor :	5
Date & Time Acquired :	2023-10-04 14:55:21	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	427	510	527	488	10.98	cps
Lead	207-1	460	433	370	421	10.98	cps
Lead	208-1	1810	1980	1927	1906	4.56	cps
Lithium	6-1	2345509	2475363	2469920	2430264	3.02	cps
Magnesium	24-2	2193653	2231417	2204181	2209751	0.88	cps
Manganese	55-2	9461616	9447532	9541261	9483470	0.53	cps
Molybdenum	94-1	637	680	687	668	4.07	cps
Molybdenum	95-1	1197	1320	1243	1253	4.97	cps
Molybdenum	96-1	1787	1830	1663	1760	4.91	cps
Molybdenum	97-1	447	450	443	447	0.75	cps
Molybdenum	98-1	953	970	1003	976	2.61	cps
Neodymium	150-1	3100	2884	3070	3018	3.89	cps
Neodymium	150-2	1563	1497	1470	1510	3.18	cps
Nickel	60-2	5521	5441	5604	5522	1.48	cps
Phosphorus	31-2	367	323	293	328	11.25	cps
Potassium	39-2	256892	259071	259350	258438	0.52	cps
Rhodium	103-1	7419570	7703220	7680131	7600974	2.07	cps
Rhodium	103-2	4194658	4211291	4107635	4171195	1.33	cps
Scandium	45-1	4882814	5067757	5178117	5042896	2.96	cps
Scandium	45-2	398110	402929	402093	401044	0.64	cps
Selenium	82-1	109	86	100	98	11.68	cps
Selenium	77-2	10	23	3	12	83.33	cps
Selenium	78-2	180	180	170	177	3.27	cps
Silicon	28-1	21890998	21676245	21581255	21716166	0.73	cps
Silver	107-1	6025	6182	6069	6092	1.33	cps
Silver	109-1	43	77	83	68	31.62	cps
Sodium	23-2	5356222	5365965	5252070	5324752	1.19	cps
Strontium	86-1	696398	699503	690814	695572	0.63	cps
Strontium	88-1	5925098	6018937	5905823	5949953	1.02	cps
Sulfur	34-1	4467930	4481240	4430712	4459960	0.59	cps
Terbium	159-1	11092306	11531406	11788557	11470756	3.07	cps
Terbium	159-2	6769540	6630177	6778816	6726178	1.24	cps
Thallium	203-1	127	137	160	141	12.12	cps
Thallium	205-1	280	263	253	266	5.07	cps
Tin	118-1	1737	1847	1877	1820	4.05	cps
Titanium	47-1	797	677	723	732	8.26	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	O4627-22DLX5	Instrumnet Name :	P7
Client Sample ID :	280-300FB-BACKFILL-11	Dilution Factor :	5
Date & Time Acquired :	2023-10-04 14:55:21	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10000	9957	9974	9977	0.22	cps
Vanadium	51-2	710	797	690	732	7.74	cps
Yttrium	89-1	13427061	13789063	13923734	13713286	1.87	cps
Yttrium	89-2	2931230	2946945	2881052	2919743	1.18	cps
Zinc	66-2	49000	49050	49381	49144	0.42	cps
Zirconium	90-1	660	703	723	696	4.65	cps
Zirconium	91-1	170	137	90	132	30.39	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	O4627-24DLX5	Instrumnet Name :	P7
Client Sample ID :	280-300FB-BACKFILL-12	Dilution Factor :	5
Date & Time Acquired :	2023-10-04 14:58:29	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1853	1840	1980	1891	4.09	cps
Antimony	121-1	217	197	280	231	18.82	cps
Arsenic	75-2	27	53	57	46	36.09	cps
Barium	135-1	37309	37937	38405	37884	1.45	cps
Barium	137-1	66551	65778	66200	66176	0.59	cps
Beryllium	9-1	128	97	131	118	15.81	cps
Bismuth	209-1	5986322	5956478	6010485	5984428	0.45	cps
Bismuth	209-2	4598515	4578682	4645093	4607430	0.74	cps
Bromine	81-1	32182	31414	32433	32009	1.66	cps
Bromine	81-2	130	113	117	120	7.35	cps
Cadmium	108-1	43	63	50	52	19.50	cps
Cadmium	106-1	6068	6015	5858	5980	1.83	cps
Cadmium	111-1	4387	4393	4372	4384	0.24	cps
Calcium	43-1	3320618	3377216	3399504	3365779	1.21	cps
Calcium	44-1	53168123	52959446	53036728	53054765	0.20	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1517	1587	1590	1565	2.65	cps
Cobalt	59-2	88110	88425	88824	88453	0.40	cps
Copper	63-2	2577	2554	2490	2540	1.77	cps
Dysprosium	156-1	2744	3037	2817	2866	5.33	cps
Dysprosium	156-2	2120	1970	1950	2013	4.62	cps
Erbium	164-1	5311	5454	5384	5383	1.33	cps
Erbium	164-2	3224	3130	3300	3218	2.65	cps
Gadolinium	160-1	2947	2817	2900	2888	2.28	cps
Gadolinium	160-2	2270	2340	2274	2295	1.72	cps
Holmium	165-1	11241470	11271647	11376874	11296664	0.63	cps
Holmium	165-2	6873374	6900711	6996864	6923650	0.94	cps
Indium	115-1	9012079	8991844	9169234	9057719	1.07	cps
Indium	115-2	2648592	2640948	2641734	2643758	0.16	cps
Iron	56-2	26054396	25626593	25990393	25890461	0.89	cps
Iron	57-2	746939	738268	744196	743134	0.60	cps
Iron	54-2	1465067	1441359	1458467	1454965	0.84	cps
Krypton	83-1	147	183	133	154	16.76	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	O4627-24DLX5	Instrumnet Name :	P7
Client Sample ID :	280-300FB-BACKFILL-12	Dilution Factor :	5
Date & Time Acquired :	2023-10-04 14:58:29	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	357	310	390	352	11.41	cps
Lead	207-1	377	350	290	339	13.10	cps
Lead	208-1	1597	1370	1497	1488	7.64	cps
Lithium	6-1	2454834	2403439	2391386	2416553	1.39	cps
Magnesium	24-2	2187082	2088339	2151387	2142269	2.33	cps
Manganese	55-2	9444700	9123150	9225809	9264553	1.77	cps
Molybdenum	94-1	580	560	627	589	5.81	cps
Molybdenum	95-1	1290	1177	1293	1253	5.30	cps
Molybdenum	96-1	1240	1310	1240	1263	3.20	cps
Molybdenum	97-1	350	350	347	349	0.55	cps
Molybdenum	98-1	913	990	790	898	11.24	cps
Neodymium	150-1	2044	2150	2070	2088	2.66	cps
Neodymium	150-2	1013	1127	1147	1096	6.56	cps
Nickel	60-2	5141	5001	4908	5016	2.34	cps
Phosphorus	31-2	367	347	300	338	10.13	cps
Potassium	39-2	258868	258604	258435	258636	0.08	cps
Rhodium	103-1	7735134	7645269	7737818	7706074	0.68	cps
Rhodium	103-2	4191325	4207712	4179693	4192910	0.34	cps
Scandium	45-1	5199502	5088203	5089212	5125639	1.25	cps
Scandium	45-2	401186	404253	399618	401685	0.59	cps
Selenium	82-1	95	71	115	94	23.44	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	187	180	140	169	14.95	cps
Silicon	28-1	19943459	20088017	20299276	20110251	0.89	cps
Silver	107-1	6089	6057	6031	6059	0.48	cps
Silver	109-1	63	57	50	57	11.76	cps
Sodium	23-2	5508688	5480263	5484500	5491150	0.28	cps
Strontium	86-1	684904	696386	690703	690664	0.83	cps
Strontium	88-1	5968797	5936622	5867459	5924292	0.87	cps
Sulfur	34-1	4290600	4249152	4324742	4288165	0.88	cps
Terbium	159-1	11573091	11522168	11574236	11556498	0.26	cps
Terbium	159-2	6592849	6786871	6697136	6692285	1.45	cps
Thallium	203-1	100	150	80	110	32.78	cps
Thallium	205-1	253	217	300	257	16.27	cps
Tin	118-1	1863	1557	1880	1767	10.31	cps
Titanium	47-1	653	733	707	698	5.84	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	O4627-24DLX5	Instrumnet Name :	P7
Client Sample ID :	280-300FB-BACKFILL-12	Dilution Factor :	5
Date & Time Acquired :	2023-10-04 14:58:29	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	12266	12299	12359	12308	0.38	cps
Vanadium	51-2	537	500	477	504	6.00	cps
Yttrium	89-1	13758839	13866074	13897194	13840702	0.52	cps
Yttrium	89-2	2908244	2947630	2910103	2921992	0.76	cps
Zinc	66-2	43156	42795	43363	43104	0.67	cps
Zirconium	90-1	603	623	670	632	5.41	cps
Zirconium	91-1	140	113	133	129	10.77	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	O4627-26DLX5	Instrumnet Name :	P7
Client Sample ID :	280-300FB-BACKFILL-11	Dilution Factor :	5
Date & Time Acquired :	2023-10-04 15:01:36	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2394	2704	2527	2541	6.12	cps
Antimony	121-1	200	177	220	199	10.90	cps
Arsenic	75-2	67	67	37	57	30.56	cps
Barium	135-1	37486	37382	37850	37573	0.65	cps
Barium	137-1	65932	65868	67050	66283	1.00	cps
Beryllium	9-1	125	157	108	130	19.36	cps
Bismuth	209-1	6079664	6021494	6082265	6061141	0.57	cps
Bismuth	209-2	4579743	4553666	4569212	4567540	0.29	cps
Bromine	81-1	32476	32863	32720	32686	0.60	cps
Bromine	81-2	150	110	113	124	17.84	cps
Cadmium	108-1	50	43	33	42	19.87	cps
Cadmium	106-1	6221	5981	5831	6011	3.27	cps
Cadmium	111-1	4620	4407	4349	4458	3.21	cps
Calcium	43-1	3618415	3683402	3705231	3669016	1.23	cps
Calcium	44-1	57518044	58723622	58805677	58349115	1.24	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1557	1703	1643	1635	4.51	cps
Cobalt	59-2	100175	99091	99956	99741	0.57	cps
Copper	63-2	3170	3450	3340	3320	4.25	cps
Dysprosium	156-1	3697	3550	4031	3759	6.54	cps
Dysprosium	156-2	2504	2574	2637	2571	2.59	cps
Erbium	164-1	6805	7162	7155	7041	2.90	cps
Erbium	164-2	4191	4364	4154	4236	2.65	cps
Gadolinium	160-1	3817	3641	3927	3795	3.81	cps
Gadolinium	160-2	2794	2634	2937	2788	5.44	cps
Holmium	165-1	11269473	11226582	11449523	11315193	1.05	cps
Holmium	165-2	6928829	6863042	6758253	6850041	1.26	cps
Indium	115-1	9028610	9033959	9111236	9057935	0.51	cps
Indium	115-2	2632739	2653975	2645072	2643929	0.40	cps
Iron	56-2	30531375	30299200	30427775	30419450	0.38	cps
Iron	57-2	875129	871721	873767	873539	0.20	cps
Iron	54-2	1697668	1736073	1688448	1707396	1.48	cps
Krypton	83-1	170	140	130	147	14.19	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	O4627-26DLX5	Instrumnet Name :	P7
Client Sample ID :	280-300FB-BACKFILL-11	Dilution Factor :	5
Date & Time Acquired :	2023-10-04 15:01:36	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	423	443	440	436	2.46	cps
Lead	207-1	387	350	410	382	7.91	cps
Lead	208-1	1757	1583	1740	1693	5.65	cps
Lithium	6-1	2406439	2453870	2439535	2433282	1.00	cps
Magnesium	24-2	2323783	2337252	2327440	2329492	0.30	cps
Manganese	55-2	10461987	10277130	10206307	10315142	1.28	cps
Molybdenum	94-1	670	550	610	610	9.84	cps
Molybdenum	95-1	1257	1277	1247	1260	1.21	cps
Molybdenum	96-1	1413	1520	1420	1451	4.12	cps
Molybdenum	97-1	333	417	400	383	11.50	cps
Molybdenum	98-1	967	933	980	960	2.50	cps
Neodymium	150-1	2467	2610	2817	2631	6.69	cps
Neodymium	150-2	1303	1377	1340	1340	2.74	cps
Nickel	60-2	5788	5881	5598	5756	2.51	cps
Phosphorus	31-2	327	337	343	336	2.50	cps
Potassium	39-2	280809	282138	274392	279113	1.48	cps
Rhodium	103-1	7656691	7664182	7616091	7645655	0.34	cps
Rhodium	103-2	4247855	4172412	4168218	4196162	1.07	cps
Scandium	45-1	5167214	5177809	5211821	5185614	0.45	cps
Scandium	45-2	403470	401318	402432	402406	0.27	cps
Selenium	82-1	55	118	114	96	37.17	cps
Selenium	77-2	7	7	3	6	34.70	cps
Selenium	78-2	200	180	197	192	5.57	cps
Silicon	28-1	21692004	22020092	21719333	21810477	0.83	cps
Silver	107-1	6572	6724	6754	6683	1.47	cps
Silver	109-1	60	63	73	66	10.58	cps
Sodium	23-2	6213657	6204255	6243132	6220348	0.33	cps
Strontium	86-1	751624	766704	777780	765369	1.72	cps
Strontium	88-1	6484896	6597473	6640987	6574452	1.23	cps
Sulfur	34-1	4656192	4701642	4700743	4686192	0.55	cps
Terbium	159-1	11472616	11457463	11849282	11593120	1.91	cps
Terbium	159-2	6730296	6590914	6709999	6677070	1.13	cps
Thallium	203-1	100	87	113	100	13.33	cps
Thallium	205-1	297	200	267	254	19.45	cps
Tin	118-1	1703	2110	2274	2029	14.47	cps
Titanium	47-1	690	703	743	712	3.90	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	O4627-26DLX5	Instrumnet Name :	P7
Client Sample ID :	280-300FB-BACKFILL-13	Dilution Factor :	5
Date & Time Acquired :	2023-10-04 15:01:36	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	12242	12049	12399	12230	1.43	cps
Vanadium	51-2	450	537	493	493	8.78	cps
Yttrium	89-1	13908850	13840561	13942530	13897314	0.37	cps
Yttrium	89-2	2987602	2931214	2863968	2927595	2.11	cps
Zinc	66-2	52050	51472	51358	51627	0.72	cps
Zirconium	90-1	683	623	677	661	4.97	cps
Zirconium	91-1	117	127	140	128	9.16	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	O4627-28DLX5	Instrumnet Name :	P7
Client Sample ID :	280-300FB-BACKFILL-14	Dilution Factor :	5
Date & Time Acquired :	2023-10-04 15:04:46	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7575	7952	7722	7750	2.45	cps
Antimony	121-1	247	200	197	214	13.04	cps
Arsenic	75-2	80	67	50	66	22.93	cps
Barium	135-1	41366	42122	41871	41787	0.92	cps
Barium	137-1	72041	72697	72634	72457	0.50	cps
Beryllium	9-1	113	180	107	133	30.33	cps
Bismuth	209-1	5955999	5991671	6034314	5993995	0.65	cps
Bismuth	209-2	4481240	4623365	4542531	4549045	1.57	cps
Bromine	81-1	33104	33408	32847	33120	0.85	cps
Bromine	81-2	97	140	77	104	31.00	cps
Cadmium	108-1	27	63	27	39	54.42	cps
Cadmium	106-1	5781	6231	6275	6096	4.48	cps
Cadmium	111-1	4325	4594	4594	4504	3.45	cps
Calcium	43-1	3492237	3463951	3441906	3466031	0.73	cps
Calcium	44-1	54985934	55399818	55113408	55166386	0.38	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1527	1730	1590	1616	6.44	cps
Cobalt	59-2	96276	95058	95484	95606	0.65	cps
Copper	63-2	3707	3677	3467	3617	3.62	cps
Dysprosium	156-1	5564	5381	5524	5490	1.76	cps
Dysprosium	156-2	3721	3864	3661	3748	2.79	cps
Erbium	164-1	10524	10661	10581	10589	0.65	cps
Erbium	164-2	6308	6241	6428	6326	1.50	cps
Gadolinium	160-1	5655	5554	5575	5595	0.95	cps
Gadolinium	160-2	3787	3664	4087	3846	5.66	cps
Holmium	165-1	11241737	11196386	11436523	11291549	1.13	cps
Holmium	165-2	6868075	6754707	6789859	6804214	0.85	cps
Indium	115-1	8977277	9107113	9117657	9067349	0.86	cps
Indium	115-2	2663987	2642829	2667322	2658046	0.50	cps
Iron	56-2	46357623	45661354	46323214	46114064	0.85	cps
Iron	57-2	1283327	1276942	1287364	1282544	0.41	cps
Iron	54-2	2570175	2554536	2565186	2563299	0.31	cps
Krypton	83-1	167	180	187	178	5.73	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	O4627-28DLX5	Instrumnet Name :	P7
Client Sample ID :	280-300FB-BACKFILL-14	Dilution Factor :	5
Date & Time Acquired :	2023-10-04 15:04:46	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	323	307	350	327	6.69	cps
Lead	207-1	273	247	243	254	6.46	cps
Lead	208-1	1220	1190	1313	1241	5.18	cps
Lithium	6-1	2440253	2444988	2445781	2443674	0.12	cps
Magnesium	24-2	2209217	2237676	2209386	2218760	0.74	cps
Manganese	55-2	9813099	9742818	9753729	9769882	0.39	cps
Molybdenum	94-1	553	563	587	568	3.01	cps
Molybdenum	95-1	1217	1183	1253	1218	2.88	cps
Molybdenum	96-1	1583	1740	1730	1685	5.21	cps
Molybdenum	97-1	333	377	340	350	6.67	cps
Molybdenum	98-1	730	770	703	734	4.57	cps
Neodymium	150-1	3834	3727	3807	3789	1.47	cps
Neodymium	150-2	1843	1923	1833	1867	2.64	cps
Nickel	60-2	5381	5468	5261	5370	1.93	cps
Phosphorus	31-2	290	330	337	319	7.91	cps
Potassium	39-2	259943	256092	262266	259434	1.20	cps
Rhodium	103-1	7753609	7762996	7804753	7773786	0.35	cps
Rhodium	103-2	4193816	4314298	4186044	4231386	1.70	cps
Scandium	45-1	5171068	5226633	5243240	5213647	0.72	cps
Scandium	45-2	403170	403268	406753	404397	0.50	cps
Selenium	82-1	70	43	48	54	26.76	cps
Selenium	77-2	3	3	13	7	86.65	cps
Selenium	78-2	197	150	153	167	15.62	cps
Silicon	28-1	22737246	23105421	22776270	22872979	0.88	cps
Silver	107-1	6081	6101	6149	6110	0.57	cps
Silver	109-1	60	67	50	59	14.25	cps
Sodium	23-2	5114940	5239433	5220862	5191745	1.29	cps
Strontium	86-1	689202	696452	699831	695162	0.78	cps
Strontium	88-1	5957272	5987786	6002212	5982423	0.38	cps
Sulfur	34-1	4604012	4648590	4567346	4606649	0.88	cps
Terbium	159-1	11540476	11542597	11537302	11540125	0.02	cps
Terbium	159-2	6583291	6690208	6597261	6623587	0.88	cps
Thallium	203-1	83	93	107	94	12.40	cps
Thallium	205-1	227	213	177	206	12.60	cps
Tin	118-1	1897	1770	1707	1791	5.40	cps
Titanium	47-1	660	807	740	736	9.98	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	O4627-28DLX5	Instrumnet Name :	P7
Client Sample ID :	280-300FB-BACKFILL-14	Dilution Factor :	5
Date & Time Acquired :	2023-10-04 15:04:46	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	8029	7749	8213	7997	2.92	cps
Vanadium	51-2	673	763	770	736	7.34	cps
Yttrium	89-1	13969689	14043179	13993115	14001994	0.27	cps
Yttrium	89-2	2941419	2947010	2948706	2945712	0.13	cps
Zinc	66-2	47228	48706	47298	47744	1.75	cps
Zirconium	90-1	690	660	693	681	2.70	cps
Zirconium	91-1	110	147	113	123	16.44	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	O4627-28DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	280-300FB-BACKFILL-14	Dilution Factor :	5
Date & Time Acquired :	2023-10-04 15:07:54	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7905	7842	7602	7783	2.06	cps
Antimony	121-1	200	167	170	179	10.26	cps
Arsenic	75-2	40	73	60	58	29.04	cps
Barium	135-1	40986	41240	40588	40938	0.80	cps
Barium	137-1	70708	71937	71318	71321	0.86	cps
Beryllium	9-1	90	150	150	130	26.69	cps
Bismuth	209-1	5931878	5929859	5847964	5903234	0.81	cps
Bismuth	209-2	4611127	4517848	4530543	4553173	1.11	cps
Bromine	81-1	32366	32546	32930	32614	0.88	cps
Bromine	81-2	117	130	150	132	12.69	cps
Cadmium	108-1	33	30	37	33	10.01	cps
Cadmium	106-1	6301	6161	6618	6360	3.68	cps
Cadmium	111-1	4681	4582	4870	4711	3.11	cps
Calcium	43-1	3417132	3399437	3471151	3429240	1.09	cps
Calcium	44-1	54372709	54582953	53923529	54293064	0.62	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1650	1713	1400	1588	10.43	cps
Cobalt	59-2	95340	94190	93633	94388	0.92	cps
Copper	63-2	3527	3727	3354	3536	5.28	cps
Dysprosium	156-1	5361	5438	5211	5337	2.16	cps
Dysprosium	156-2	3607	3517	3617	3580	1.54	cps
Erbium	164-1	10567	10604	10271	10481	1.75	cps
Erbium	164-2	6412	6271	6298	6327	1.18	cps
Gadolinium	160-1	5278	5461	5848	5529	5.27	cps
Gadolinium	160-2	4017	3734	3871	3874	3.66	cps
Holmium	165-1	11111136	11181955	11083476	11125522	0.46	cps
Holmium	165-2	6857228	6852043	6706649	6805307	1.26	cps
Indium	115-1	8987348	9033191	9018415	9012985	0.26	cps
Indium	115-2	2666028	2649667	2634628	2650108	0.59	cps
Iron	56-2	45785048	45524316	45995649	45768338	0.52	cps
Iron	57-2	1272726	1276999	1274161	1274629	0.17	cps
Iron	54-2	2556925	2550094	2536250	2547757	0.41	cps
Krypton	83-1	163	133	137	144	11.38	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	O4627-28DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	280-300FB-BACKFILL-14	Dilution Factor :	5
Date & Time Acquired :	2023-10-04 15:07:54	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	313	333	273	307	9.96	cps
Lead	207-1	230	253	273	252	8.60	cps
Lead	208-1	1180	1217	1207	1201	1.58	cps
Lithium	6-1	2385858	2405057	2384369	2391761	0.48	cps
Magnesium	24-2	2172117	2217116	2163437	2184223	1.32	cps
Manganese	55-2	9707252	9660573	9721475	9696433	0.33	cps
Molybdenum	94-1	607	607	617	610	0.95	cps
Molybdenum	95-1	1147	1060	1160	1122	4.84	cps
Molybdenum	96-1	1560	1680	1480	1573	6.40	cps
Molybdenum	97-1	393	317	387	366	11.62	cps
Molybdenum	98-1	723	657	713	698	5.15	cps
Neodymium	150-1	3567	3787	3654	3669	3.02	cps
Neodymium	150-2	1897	1967	1717	1860	6.93	cps
Nickel	60-2	5484	5478	5381	5448	1.06	cps
Phosphorus	31-2	323	317	337	326	3.13	cps
Potassium	39-2	257079	257544	256916	257180	0.13	cps
Rhodium	103-1	7667463	7607231	7812683	7695792	1.37	cps
Rhodium	103-2	4213783	4206642	4187255	4202560	0.33	cps
Scandium	45-1	5180429	5146641	5142507	5156526	0.40	cps
Scandium	45-2	404593	401666	400736	402332	0.50	cps
Selenium	82-1	97	130	113	113	14.35	cps
Selenium	77-2	13	13	0	9	86.60	cps
Selenium	78-2	157	190	210	186	14.52	cps
Silicon	28-1	22567185	22476086	22631441	22558237	0.35	cps
Silver	107-1	5973	5957	6067	5999	0.99	cps
Silver	109-1	30	63	37	43	40.70	cps
Sodium	23-2	5074110	5165221	5058078	5099136	1.13	cps
Strontium	86-1	675567	690607	696969	687714	1.60	cps
Strontium	88-1	5830050	5866972	5947392	5881472	1.02	cps
Sulfur	34-1	4493045	4548139	4442370	4494518	1.18	cps
Terbium	159-1	11645965	11545883	11450384	11547411	0.85	cps
Terbium	159-2	6760922	6690714	6525082	6658906	1.82	cps
Thallium	203-1	100	103	123	109	11.59	cps
Thallium	205-1	260	250	217	242	9.37	cps
Tin	118-1	1824	1613	1673	1703	6.35	cps
Titanium	47-1	687	820	750	752	8.87	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	O4627-28DUPDLX5	Instrumnet Name :	P7
Client Sample ID :	280-300FB-BACKFILL-14	Dilution Factor :	5
Date & Time Acquired :	2023-10-04 15:07:54	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7726	7772	7832	7777	0.69	cps
Vanadium	51-2	730	713	760	734	3.22	cps
Yttrium	89-1	13776673	13991305	13958131	13908703	0.83	cps
Yttrium	89-2	2999845	2969393	2905326	2958188	1.63	cps
Zinc	66-2	46910	47305	47495	47237	0.63	cps
Zirconium	90-1	663	673	680	672	1.25	cps
Zirconium	91-1	160	113	113	129	20.90	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	O4627-28LDLX5	Instrumnet Name :	P7
Client Sample ID :	280-300FB-BACKFILL-14	Dilution Factor :	5
Date & Time Acquired :	2023-10-04 15:11:04	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1703	1693	1857	1751	5.23	cps
Antimony	121-1	50	97	87	78	31.59	cps
Arsenic	75-2	27	23	3	18	71.00	cps
Barium	135-1	8179	8379	8139	8232	1.56	cps
Barium	137-1	14771	14681	15105	14852	1.50	cps
Beryllium	9-1	133	92	83	103	25.62	cps
Bismuth	209-1	5929755	6100434	6139852	6056680	1.84	cps
Bismuth	209-2	4639328	4626716	4639224	4635089	0.16	cps
Bromine	81-1	32483	32409	32960	32617	0.92	cps
Bromine	81-2	80	77	77	78	2.47	cps
Cadmium	108-1	37	10	3	17	105.85	cps
Cadmium	106-1	6542	6121	6031	6231	4.37	cps
Cadmium	111-1	4623	4328	4280	4410	4.22	cps
Calcium	43-1	745680	745768	746282	745910	0.04	cps
Calcium	44-1	11091567	11001469	10950476	11014504	0.65	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1437	1517	1520	1491	3.16	cps
Cobalt	59-2	18935	19573	19529	19346	1.84	cps
Copper	63-2	1373	1417	1443	1411	2.50	cps
Dysprosium	156-1	970	1023	1037	1010	3.49	cps
Dysprosium	156-2	727	757	750	744	2.12	cps
Erbium	164-1	2224	2144	2067	2145	3.65	cps
Erbium	164-2	1227	1280	1193	1233	3.54	cps
Gadolinium	160-1	1147	1200	1160	1169	2.38	cps
Gadolinium	160-2	1023	930	1013	989	5.18	cps
Holmium	165-1	11454690	11128312	11317532	11300178	1.45	cps
Holmium	165-2	6775619	6753983	6702322	6743975	0.56	cps
Indium	115-1	9118879	9103531	9236465	9152958	0.79	cps
Indium	115-2	2662943	2680711	2684885	2676180	0.44	cps
Iron	56-2	9360073	9277039	9215059	9284057	0.78	cps
Iron	57-2	259841	258955	259030	259275	0.19	cps
Iron	54-2	555718	558472	552325	555505	0.55	cps
Krypton	83-1	130	83	107	107	21.88	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	O4627-28LDLX5	Instrumnet Name :	P7
Client Sample ID :	280-300FB-BACKFILL-14	Dilution Factor :	5
Date & Time Acquired :	2023-10-04 15:11:04	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	253	227	313	264	16.79	cps
Lead	207-1	220	180	180	193	11.95	cps
Lead	208-1	980	847	1123	983	14.07	cps
Lithium	6-1	2422864	2436428	2383490	2414261	1.14	cps
Magnesium	24-2	465290	469736	468165	467730	0.48	cps
Manganese	55-2	1971330	2012788	1952346	1978821	1.56	cps
Molybdenum	94-1	340	330	317	329	3.56	cps
Molybdenum	95-1	370	367	320	352	7.94	cps
Molybdenum	96-1	463	430	467	453	4.47	cps
Molybdenum	97-1	117	103	97	106	9.65	cps
Molybdenum	98-1	210	220	170	200	13.23	cps
Neodymium	150-1	683	730	707	707	3.30	cps
Neodymium	150-2	347	460	367	391	15.47	cps
Nickel	60-2	1327	1293	1277	1299	1.96	cps
Phosphorus	31-2	360	310	353	341	7.96	cps
Potassium	39-2	100472	100566	101005	100681	0.28	cps
Rhodium	103-1	7866950	8023223	8021591	7970588	1.13	cps
Rhodium	103-2	4332738	4316614	4333053	4327468	0.22	cps
Scandium	45-1	5204589	5221673	5282017	5236093	0.78	cps
Scandium	45-2	407895	408050	411150	409032	0.45	cps
Selenium	82-1	44	99	43	62	52.10	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	190	153	127	157	20.29	cps
Silicon	28-1	4803133	4840156	4744805	4796031	1.00	cps
Silver	107-1	1337	1324	1332	1331	0.52	cps
Silver	109-1	43	23	37	34	29.57	cps
Sodium	23-2	1122440	1122702	1115576	1120239	0.36	cps
Strontium	86-1	139463	140445	138231	139380	0.80	cps
Strontium	88-1	1200653	1220327	1212325	1211101	0.82	cps
Sulfur	34-1	1125133	1127413	1133443	1128663	0.38	cps
Terbium	159-1	11300543	11380777	11440826	11374049	0.62	cps
Terbium	159-2	6543409	6634120	6705267	6627599	1.22	cps
Thallium	203-1	117	83	83	94	20.38	cps
Thallium	205-1	167	163	183	171	6.26	cps
Tin	118-1	1703	1960	1914	1859	7.36	cps
Titanium	47-1	310	240	277	276	12.71	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	O4627-28LDLX5	Instrumnet Name :	P7
Client Sample ID :	280-300FB-BACKFILL-14	Dilution Factor :	5
Date & Time Acquired :	2023-10-04 15:11:04	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1630	1390	1513	1511	7.94	cps
Vanadium	51-2	183	137	170	163	14.72	cps
Yttrium	89-1	13724001	13940019	13749710	13804577	0.85	cps
Yttrium	89-2	2949505	2897827	2967404	2938245	1.23	cps
Zinc	66-2	9977	10494	10714	10395	3.64	cps
Zirconium	90-1	527	543	443	504	10.62	cps
Zirconium	91-1	123	73	110	102	25.33	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	O4627-28MSDLX5	Instrumnet Name :	P7
Client Sample ID :	280-300FB-BACKFILL-14	Dilution Factor :	5
Date & Time Acquired :	2023-10-04 15:14:16	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	341537	339528	341033	340699	0.31	cps
Antimony	121-1	796069	805143	807937	803050	0.77	cps
Arsenic	75-2	34159	34858	34346	34454	1.05	cps
Barium	135-1	1072491	1076879	1093220	1080863	1.01	cps
Barium	137-1	1885956	1952349	1924294	1920866	1.74	cps
Beryllium	9-1	185687	188106	187781	187191	0.70	cps
Bismuth	209-1	5944719	5834894	6024075	5934562	1.60	cps
Bismuth	209-2	4587652	4381217	4405984	4458284	2.53	cps
Bromine	81-1	31764	32713	32476	32318	1.53	cps
Bromine	81-2	123	127	110	120	7.35	cps
Cadmium	108-1	16716	17474	16706	16966	2.60	cps
Cadmium	106-1	30272	30789	31016	30692	1.24	cps
Cadmium	111-1	226399	227821	227556	227259	0.33	cps
Calcium	43-1	3374555	3441865	3442595	3419672	1.14	cps
Calcium	44-1	53111766	54859978	54217234	54062993	1.64	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	298894	293659	293652	295402	1.02	cps
Cobalt	59-2	548645	553829	550305	550927	0.48	cps
Copper	63-2	2890328	2853302	2836993	2860208	0.96	cps
Dysprosium	156-1	4657	4627	4561	4615	1.07	cps
Dysprosium	156-2	3014	3057	2884	2985	3.02	cps
Erbium	164-1	8199	8579	8623	8467	2.75	cps
Erbium	164-2	5204	5174	5074	5151	1.32	cps
Gadolinium	160-1	4611	4661	4734	4669	1.33	cps
Gadolinium	160-2	3034	3207	3307	3183	4.35	cps
Holmium	165-1	11000056	11139483	11347194	11162244	1.56	cps
Holmium	165-2	6778803	6641168	6615509	6678493	1.31	cps
Indium	115-1	8851751	9007950	8979580	8946427	0.93	cps
Indium	115-2	2633474	2585400	2561790	2593554	1.41	cps
Iron	56-2	50513534	49935154	49884189	50110959	0.70	cps
Iron	57-2	1395473	1396201	1387604	1393092	0.34	cps
Iron	54-2	2750662	2819562	2832539	2800921	1.57	cps
Krypton	83-1	147	110	157	138	17.83	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	O4627-28MSDLX5	Instrumnet Name :	P7
Client Sample ID :	280-300FB-BACKFILL-14	Dilution Factor :	5
Date & Time Acquired :	2023-10-04 15:14:16	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2729357	2756700	2859558	2781872	2.47	cps
Lead	207-1	2443142	2489567	2558772	2497160	2.33	cps
Lead	208-1	11027079	11108660	11535402	11223714	2.43	cps
Lithium	6-1	2386597	2415053	2385644	2395765	0.70	cps
Magnesium	24-2	5227738	5184965	5161372	5191358	0.65	cps
Manganese	55-2	10696170	10817927	10748544	10754214	0.57	cps
Molybdenum	94-1	1826935	1854608	1865376	1848973	1.07	cps
Molybdenum	95-1	2270097	2316825	2318841	2301921	1.20	cps
Molybdenum	96-1	2480625	2530254	2577882	2529587	1.92	cps
Molybdenum	97-1	1426918	1420912	1462428	1436753	1.56	cps
Molybdenum	98-1	3661314	3677272	3698850	3679145	0.51	cps
Neodymium	150-1	3207	3257	3317	3260	1.69	cps
Neodymium	150-2	1550	1537	1470	1519	2.82	cps
Nickel	60-2	117701	118013	118225	117980	0.22	cps
Phosphorus	31-2	340	320	223	294	21.19	cps
Potassium	39-2	1900782	1870738	1868003	1879841	0.97	cps
Rhodium	103-1	7747977	7544964	7594108	7629016	1.39	cps
Rhodium	103-2	4142480	4054141	4042859	4079826	1.34	cps
Scandium	45-1	5100998	5086353	5101208	5096186	0.17	cps
Scandium	45-2	400651	392039	391318	394670	1.32	cps
Selenium	82-1	13880	13910	13925	13905	0.17	cps
Selenium	77-2	1163	1080	1167	1137	4.32	cps
Selenium	78-2	3894	4017	3864	3925	2.07	cps
Silicon	28-1	20768590	20681305	20726806	20725567	0.21	cps
Silver	107-1	1007939	1016909	1019347	1014732	0.59	cps
Silver	109-1	957695	968943	970615	965751	0.73	cps
Sodium	23-2	10174764	10029697	10058610	10087690	0.76	cps
Strontium	86-1	922622	933887	936178	930896	0.78	cps
Strontium	88-1	7930281	7914193	7900454	7914976	0.19	cps
Sulfur	34-1	4147211	4198893	4175375	4173826	0.62	cps
Terbium	159-1	11318644	11253112	11436808	11336188	0.82	cps
Terbium	159-2	6532725	6465015	6433620	6477120	0.78	cps
Thallium	203-1	709169	719366	728078	718871	1.32	cps
Thallium	205-1	1647818	1738793	1757988	1714866	3.43	cps
Tin	118-1	670306	676937	690019	679087	1.48	cps
Titanium	47-1	404082	405878	404366	404775	0.24	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	O4627-28MSDLX5	Instrumnet Name :	P7
Client Sample ID :	280-300FB-BACKFILL-14	Dilution Factor :	5
Date & Time Acquired :	2023-10-04 15:14:16	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2377441	2462871	2498515	2446276	2.54	cps
Vanadium	51-2	267512	267322	267379	267404	0.04	cps
Yttrium	89-1	13877387	13880550	13687599	13815179	0.80	cps
Yttrium	89-2	2953874	2910429	2874092	2912798	1.37	cps
Zinc	66-2	492691	489268	492528	491496	0.39	cps
Zirconium	90-1	1444947	1476224	1455662	1458945	1.09	cps
Zirconium	91-1	328049	327760	332426	329412	0.79	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	CCV57	Instrumnet Name :	P7
Client Sample ID :	CCV57	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 15:30:05	DataFile Name :	045CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8196197	8209176	8332936	8246103	0.92	cps
Antimony	121-1	3541555	3573888	3550280	3555241	0.47	cps
Arsenic	75-2	146498	145024	146652	146058	0.62	cps
Barium	135-1	5054936	5177720	5161672	5131442	1.30	cps
Barium	137-1	8872282	9028895	9003837	8968338	0.94	cps
Beryllium	9-1	862118	865538	869222	865626	0.41	cps
Bismuth	209-1	5635036	5555597	5488624	5559752	1.32	cps
Bismuth	209-2	4064625	4013178	4033865	4037223	0.64	cps
Bromine	81-1	32703	33445	33171	33106	1.13	cps
Bromine	81-2	157	197	127	160	21.95	cps
Cadmium	108-1	73850	74225	74694	74257	0.57	cps
Cadmium	106-1	114403	114736	113691	114276	0.47	cps
Cadmium	111-1	955677	971115	966161	964318	0.82	cps
Calcium	43-1	5745155	5772711	5745885	5754584	0.27	cps
Calcium	44-1	89690772	90428935	89800422	89973376	0.44	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1334220	1336866	1374347	1348477	1.66	cps
Cobalt	59-2	1989465	1972647	2044329	2002147	1.87	cps
Copper	63-2	13980007	14178135	14053205	14070449	0.71	cps
Dysprosium	156-1	1090	1133	1003	1076	6.15	cps
Dysprosium	156-2	747	770	870	796	8.24	cps
Erbium	164-1	260	260	280	267	4.33	cps
Erbium	164-2	147	123	113	128	13.39	cps
Gadolinium	160-1	1070	1163	1147	1127	4.42	cps
Gadolinium	160-2	967	1067	1000	1011	5.04	cps
Holmium	165-1	10886193	10798084	10793318	10825865	0.48	cps
Holmium	165-2	6596866	6546348	6511406	6551540	0.66	cps
Indium	115-1	8325638	8398338	8327064	8350346	0.50	cps
Indium	115-2	2429859	2450648	2438600	2439703	0.43	cps
Iron	56-2	295285036	298337909	297668402	297097116	0.54	cps
Iron	57-2	7467029	7395603	7512357	7458330	0.79	cps
Iron	54-2	16411693	16539224	16446941	16465953	0.40	cps
Krypton	83-1	167	170	150	162	6.61	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	CCV57	Instrumnet Name :	P7
Client Sample ID :	CCV57	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 15:30:05	DataFile Name :	045CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	13691883	13808569	13808840	13769764	0.49	cps
Lead	207-1	12062916	12088983	12220053	12123984	0.69	cps
Lead	208-1	55417971	54880662	55160734	55153122	0.49	cps
Lithium	6-1	2290503	2337880	2301249	2309878	1.08	cps
Magnesium	24-2	76120361	74998214	75899791	75672788	0.79	cps
Manganese	55-2	9924580	9985791	9977542	9962638	0.33	cps
Molybdenum	94-1	12983261	13118325	13200810	13100799	0.84	cps
Molybdenum	95-1	18421343	18423867	18406740	18417317	0.05	cps
Molybdenum	96-1	20482881	20446792	20283393	20404356	0.52	cps
Molybdenum	97-1	11635829	11899668	11655835	11730444	1.25	cps
Molybdenum	98-1	29284237	30163179	29860280	29769232	1.50	cps
Neodymium	150-1	907	920	910	912	0.76	cps
Neodymium	150-2	237	253	213	234	8.57	cps
Nickel	60-2	500206	503026	505540	502924	0.53	cps
Phosphorus	31-2	85021	84572	84156	84583	0.51	cps
Potassium	39-2	41338514	41341176	41139923	41273204	0.28	cps
Rhodium	103-1	6946223	7125463	6858376	6976687	1.95	cps
Rhodium	103-2	3768245	3735980	3745401	3749875	0.44	cps
Scandium	45-1	5036085	5066804	4915425	5006104	1.60	cps
Scandium	45-2	394092	393513	385281	390962	1.26	cps
Selenium	82-1	58962	59827	59821	59537	0.84	cps
Selenium	77-2	4761	4767	4771	4766	0.11	cps
Selenium	78-2	16312	15765	16666	16248	2.79	cps
Silicon	28-1	60915911	62560462	61888616	61788330	1.34	cps
Silver	107-1	4161796	4123079	4210915	4165263	1.06	cps
Silver	109-1	3754341	3790008	3773357	3772569	0.47	cps
Sodium	23-2	122485755	120798098	123004872	122096242	0.94	cps
Strontium	86-1	31618796	32142076	32065729	31942200	0.88	cps
Strontium	88-1	277880109	284322762	280622602	280941825	1.15	cps
Sulfur	34-1	596342	600794	595654	597597	0.47	cps
Terbium	159-1	11339562	11068102	11005293	11137652	1.60	cps
Terbium	159-2	6513666	6452172	6397606	6454481	0.90	cps
Thallium	203-1	3410787	3403873	3408329	3407663	0.10	cps
Thallium	205-1	7978931	7897835	7743250	7873338	1.52	cps
Tin	118-1	3318901	3326534	3289302	3311579	0.59	cps
Titanium	47-1	4877235	4946290	4883695	4902407	0.78	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	CCV57	Instrumnet Name :	P7
Client Sample ID :	CCV57	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 15:30:05	DataFile Name :	045CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11030623	11268758	11118718	11139366	1.08	cps
Vanadium	51-2	1223333	1227693	1217288	1222772	0.43	cps
Yttrium	89-1	13262655	13562563	13200577	13341932	1.45	cps
Yttrium	89-2	2748615	2760108	2728531	2745751	0.58	cps
Zinc	66-2	2187884	2193854	2176983	2186241	0.39	cps
Zirconium	90-1	6992187	7056246	6940470	6996301	0.83	cps
Zirconium	91-1	1539015	1589916	1546480	1558470	1.76	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	CCB57	Instrumnet Name :	P7
Client Sample ID :	CCB57	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 15:37:57	DataFile Name :	046CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	213	247	277	246	12.90	cps
Antimony	121-1	910	987	1197	1031	14.39	cps
Arsenic	75-2	0	0	13	4	173.21	cps
Barium	135-1	90	40	67	66	38.16	cps
Barium	137-1	117	103	123	114	8.90	cps
Beryllium	9-1	253	197	176	209	19.12	cps
Bismuth	209-1	6089820	6130258	6173672	6131250	0.68	cps
Bismuth	209-2	4706322	4705448	4677330	4696367	0.35	cps
Bromine	81-1	32135	32867	33117	32706	1.56	cps
Bromine	81-2	110	83	80	91	18.05	cps
Cadmium	108-1	23	17	13	18	28.64	cps
Cadmium	106-1	5808	6018	5731	5852	2.54	cps
Cadmium	111-1	4076	4231	4026	4111	2.60	cps
Calcium	43-1	783	840	783	802	4.08	cps
Calcium	44-1	14844	14103	13806	14251	3.75	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1503	1427	1430	1453	2.98	cps
Cobalt	59-2	77	70	53	67	18.03	cps
Copper	63-2	1143	1007	810	987	16.98	cps
Dysprosium	156-1	0	7	3	3	100.05	cps
Dysprosium	156-2	0	10	3	4	114.60	cps
Erbium	164-1	47	87	60	64	31.60	cps
Erbium	164-2	57	60	37	51	24.69	cps
Gadolinium	160-1	50	17	53	40	50.68	cps
Gadolinium	160-2	367	393	343	368	6.80	cps
Holmium	165-1	10969879	11291796	11107991	11123222	1.45	cps
Holmium	165-2	6894058	6802688	6773293	6823346	0.92	cps
Indium	115-1	9110190	9301030	9215468	9208896	1.04	cps
Indium	115-2	2785206	2683227	2693599	2720677	2.06	cps
Iron	56-2	16175	16232	16583	16330	1.35	cps
Iron	57-2	870	837	920	876	4.79	cps
Iron	54-2	1930	1947	2040	1972	3.01	cps
Krypton	83-1	137	127	120	128	6.57	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	CCB57	Instrumnet Name :	P7
Client Sample ID :	CCB57	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 15:37:57	DataFile Name :	046CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	543	527	623	564	9.16	cps
Lead	207-1	607	503	440	517	16.28	cps
Lead	208-1	2423	2337	2277	2346	3.14	cps
Lithium	6-1	2458242	2516590	2434017	2469616	1.72	cps
Magnesium	24-2	1053	1020	1100	1058	3.80	cps
Manganese	55-2	447	420	387	418	7.20	cps
Molybdenum	94-1	577	683	600	620	9.04	cps
Molybdenum	95-1	547	440	470	486	11.33	cps
Molybdenum	96-1	590	577	543	570	4.22	cps
Molybdenum	97-1	327	320	230	292	18.48	cps
Molybdenum	98-1	790	750	670	737	8.29	cps
Neodymium	150-1	7	13	3	8	65.47	cps
Neodymium	150-2	7	3	13	8	65.47	cps
Nickel	60-2	147	257	197	200	27.54	cps
Phosphorus	31-2	293	380	367	347	13.46	cps
Potassium	39-2	64683	62615	64141	63813	1.68	cps
Rhodium	103-1	7940692	8155986	8120300	8072326	1.43	cps
Rhodium	103-2	4468466	4374863	4410199	4417843	1.07	cps
Scandium	45-1	5049384	5308910	5297390	5218561	2.81	cps
Scandium	45-2	408946	414312	414026	412428	0.73	cps
Selenium	82-1	8	26	16	17	56.10	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	173	197	170	180	8.07	cps
Silicon	28-1	252363	253823	254137	253441	0.37	cps
Silver	107-1	224	223	202	216	5.51	cps
Silver	109-1	233	153	153	180	25.66	cps
Sodium	23-2	28486	27665	27501	27884	1.89	cps
Strontium	86-1	603	510	490	534	11.32	cps
Strontium	88-1	3507	2587	2447	2847	20.23	cps
Sulfur	34-1	245525	246398	247487	246470	0.40	cps
Terbium	159-1	11145276	11436827	11579513	11387205	1.94	cps
Terbium	159-2	6773202	6625652	6646964	6681939	1.19	cps
Thallium	203-1	247	233	203	228	9.74	cps
Thallium	205-1	437	457	463	452	3.07	cps
Tin	118-1	1910	2030	2004	1981	3.18	cps
Titanium	47-1	160	130	157	149	11.04	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	CCB57	Instrumnet Name :	P7
Client Sample ID :	CCB57	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 15:37:57	DataFile Name :	046CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	107	110	110	109	1.77	cps
Vanadium	51-2	23	13	17	18	28.64	cps
Yttrium	89-1	13385637	13791964	13810549	13662717	1.76	cps
Yttrium	89-2	2939218	2964111	2938419	2947249	0.50	cps
Zinc	66-2	563	597	620	593	4.80	cps
Zirconium	90-1	1093	1113	1117	1108	1.14	cps
Zirconium	91-1	277	263	247	262	5.73	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	PB155984TB	Instrumnet Name :	P7
Client Sample ID :	PB155984TB	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 15:41:14	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	163	197	167	176	10.46	cps
Antimony	121-1	300	330	387	339	12.99	cps
Arsenic	75-2	3	3	7	4	43.40	cps
Barium	135-1	47	27	17	30	50.91	cps
Barium	137-1	47	83	60	63	29.30	cps
Beryllium	9-1	151	131	187	157	18.25	cps
Bismuth	209-1	6236982	5886383	6084034	6069133	2.90	cps
Bismuth	209-2	4683366	4674438	4632189	4663331	0.59	cps
Bromine	81-1	32640	33197	33157	32998	0.94	cps
Bromine	81-2	60	83	60	68	19.87	cps
Cadmium	108-1	10	10	10	10	0.00	cps
Cadmium	106-1	6181	5644	5841	5889	4.61	cps
Cadmium	111-1	4333	3957	4095	4129	4.61	cps
Calcium	43-1	820	717	773	770	6.72	cps
Calcium	44-1	13102	12745	13022	12957	1.45	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1423	1577	1500	1500	5.11	cps
Cobalt	59-2	57	30	70	52	39.00	cps
Copper	63-2	890	947	880	906	3.97	cps
Dysprosium	156-1	23	17	10	17	39.99	cps
Dysprosium	156-2	7	0	17	8	107.84	cps
Erbium	164-1	97	90	137	108	23.42	cps
Erbium	164-2	53	60	43	52	16.07	cps
Gadolinium	160-1	67	43	47	52	24.17	cps
Gadolinium	160-2	407	407	440	418	4.61	cps
Holmium	165-1	11498382	10646723	11099603	11081569	3.85	cps
Holmium	165-2	6882201	6728915	6704800	6771972	1.42	cps
Indium	115-1	9482263	8740975	9320057	9181098	4.24	cps
Indium	115-2	2677444	2702359	2711238	2697014	0.65	cps
Iron	56-2	13870	14060	13746	13892	1.14	cps
Iron	57-2	753	860	770	794	7.22	cps
Iron	54-2	1810	1770	1713	1765	2.75	cps
Krypton	83-1	97	130	160	129	24.58	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	PB155984TB	Instrumnet Name :	P7
Client Sample ID :	PB155984TB	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 15:41:14	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	377	390	330	366	8.62	cps
Lead	207-1	407	357	283	349	17.78	cps
Lead	208-1	1723	1603	1420	1582	9.66	cps
Lithium	6-1	2551828	2348305	2491959	2464031	4.24	cps
Magnesium	24-2	550	457	553	520	10.55	cps
Manganese	55-2	327	320	297	314	5.01	cps
Molybdenum	94-1	317	317	317	317	0.00	cps
Molybdenum	95-1	233	223	247	234	4.99	cps
Molybdenum	96-1	270	243	213	242	11.70	cps
Molybdenum	97-1	137	83	117	112	24.01	cps
Molybdenum	98-1	210	227	253	230	9.50	cps
Neodymium	150-1	20	3	3	9	108.30	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	213	230	217	220	4.01	cps
Phosphorus	31-2	390	283	277	317	20.08	cps
Potassium	39-2	64358	63452	62708	63506	1.30	cps
Rhodium	103-1	8304469	7616056	8081490	8000672	4.39	cps
Rhodium	103-2	4408286	4435902	4360933	4401707	0.86	cps
Scandium	45-1	5440445	5037290	5238363	5238699	3.85	cps
Scandium	45-2	412230	411559	411279	411689	0.12	cps
Selenium	82-1	45	12	1	19	120.83	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	180	187	160	176	7.91	cps
Silicon	28-1	251194	252637	253206	252346	0.41	cps
Silver	107-1	154	137	140	144	6.17	cps
Silver	109-1	70	73	103	82	22.33	cps
Sodium	23-2	24226	23425	23471	23707	1.90	cps
Strontium	86-1	207	310	250	256	20.31	cps
Strontium	88-1	593	503	473	523	11.93	cps
Sulfur	34-1	250778	250548	248312	249879	0.55	cps
Terbium	159-1	11698878	11024014	11400549	11374480	2.97	cps
Terbium	159-2	6624188	6678547	6598069	6633601	0.62	cps
Thallium	203-1	173	147	157	159	8.48	cps
Thallium	205-1	440	423	343	402	12.85	cps
Tin	118-1	2000	2004	1954	1986	1.41	cps
Titanium	47-1	140	127	117	128	9.16	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	PB155984TB	Instrumnet Name :	P7
Client Sample ID :	PB155984TB	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 15:41:14	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	37	13	13	21	63.83	cps
Vanadium	51-2	3	17	7	9	78.08	cps
Yttrium	89-1	13999521	13103319	13779689	13627510	3.43	cps
Yttrium	89-2	2925133	2896735	2904201	2908690	0.51	cps
Zinc	66-2	473	550	450	491	10.65	cps
Zirconium	90-1	667	693	737	699	5.06	cps
Zirconium	91-1	117	167	137	140	17.98	cps

LB Number : LB127619 Operator : Jaswal
 Lab Sample ID : O4627-28MSDDLX5 Instrumnet Name : P7
 Client Sample ID : 280-300FB-BACKFILL-14 Dilution Factor : 5
 Date & Time Acquired : 2023-10-04 15:44:31 DataFile Name : 048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	344359	340968	340946	342091	0.57	cps
Antimony	121-1	803434	815401	811171	810002	0.75	cps
Arsenic	75-2	34323	34547	34968	34613	0.95	cps
Barium	135-1	1083744	1091572	1088076	1087797	0.36	cps
Barium	137-1	1948770	1977187	1957532	1961163	0.74	cps
Beryllium	9-1	190297	191695	190369	190787	0.41	cps
Bismuth	209-1	5881679	5890087	6058685	5943484	1.68	cps
Bismuth	209-2	4320717	4516412	4975483	4604204	7.30	cps
Bromine	81-1	33505	33822	33642	33656	0.47	cps
Bromine	81-2	120	107	137	121	12.41	cps
Cadmium	108-1	16847	16840	16670	16785	0.60	cps
Cadmium	106-1	31103	30519	30415	30679	1.21	cps
Cadmium	111-1	227490	230761	229020	229090	0.71	cps
Calcium	43-1	3464897	3448700	3486091	3466563	0.54	cps
Calcium	44-1	55412553	55250164	54524943	55062553	0.86	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	299633	295769	296710	297371	0.68	cps
Cobalt	59-2	558461	555633	551065	555053	0.67	cps
Copper	63-2	2868409	2866091	2854766	2863088	0.25	cps
Dysprosium	156-1	4477	4734	4407	4540	3.79	cps
Dysprosium	156-2	3217	3117	3007	3114	3.37	cps
Erbium	164-1	8539	8883	8723	8715	1.97	cps
Erbium	164-2	5304	5338	5521	5388	2.17	cps
Gadolinium	160-1	4734	4738	4551	4674	2.29	cps
Gadolinium	160-2	3244	3384	3477	3368	3.49	cps
Holmium	165-1	11220901	11023866	11321344	11188704	1.35	cps
Holmium	165-2	6628643	6902102	7613362	7048036	7.21	cps
Indium	115-1	8823806	8891776	9134791	8950124	1.83	cps
Indium	115-2	2548559	2593194	2838091	2659948	5.86	cps
Iron	56-2	50590989	50287824	50284969	50387928	0.35	cps
Iron	57-2	1410782	1402654	1390894	1401443	0.71	cps
Iron	54-2	2798660	2840495	2833132	2824096	0.79	cps
Krypton	83-1	173	153	210	179	16.06	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	O4627-28MSDDLX5	Instrumnet Name :	P7
Client Sample ID :	280-300FB-BACKFILL-14	Dilution Factor :	5
Date & Time Acquired :	2023-10-04 15:44:31	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2784263	2777046	2761964	2774424	0.41	cps
Lead	207-1	2509811	2553890	2494927	2519543	1.22	cps
Lead	208-1	11197681	11337777	11211531	11248996	0.69	cps
Lithium	6-1	2490405	2437939	2467927	2465424	1.07	cps
Magnesium	24-2	5235755	5222950	5184249	5214318	0.51	cps
Manganese	55-2	10957313	10834303	10666439	10819352	1.35	cps
Molybdenum	94-1	1873018	1896249	1898983	1889417	0.76	cps
Molybdenum	95-1	2347359	2346605	2352926	2348964	0.15	cps
Molybdenum	96-1	2607456	2576487	2604305	2596083	0.66	cps
Molybdenum	97-1	1464583	1461233	1449829	1458548	0.53	cps
Molybdenum	98-1	3739162	3725177	3747872	3737404	0.31	cps
Neodymium	150-1	3267	3464	3437	3389	3.15	cps
Neodymium	150-2	1663	1583	1573	1607	3.07	cps
Nickel	60-2	120640	118570	116699	118637	1.66	cps
Phosphorus	31-2	280	333	340	318	10.35	cps
Potassium	39-2	1893103	1896180	1891213	1893499	0.13	cps
Rhodium	103-1	7691623	7544789	7580387	7605600	1.01	cps
Rhodium	103-2	3976557	4097986	4443131	4172558	5.80	cps
Scandium	45-1	5176183	5162842	5133566	5157530	0.42	cps
Scandium	45-2	385614	395248	434313	405058	6.37	cps
Selenium	82-1	14166	14094	14207	14156	0.40	cps
Selenium	77-2	1200	1120	1053	1124	6.53	cps
Selenium	78-2	3861	3797	3574	3744	4.02	cps
Silicon	28-1	21374342	21192747	20582353	21049814	1.97	cps
Silver	107-1	1022417	1029135	1028547	1026700	0.36	cps
Silver	109-1	973347	983811	975743	977633	0.56	cps
Sodium	23-2	10181028	10001382	10059294	10080568	0.91	cps
Strontium	86-1	931494	939555	927165	932738	0.67	cps
Strontium	88-1	7979733	8000534	7944690	7974986	0.35	cps
Sulfur	34-1	4284798	4335580	4220060	4280146	1.35	cps
Terbium	159-1	11274912	11473460	11611209	11453194	1.48	cps
Terbium	159-2	6384217	6824914	7323612	6844248	6.87	cps
Thallium	203-1	722236	718133	725574	721981	0.52	cps
Thallium	205-1	1671926	1750308	1666359	1696197	2.77	cps
Tin	118-1	676796	688325	689260	684794	1.01	cps
Titanium	47-1	412445	414358	409758	412187	0.56	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	O4627-28MSDDLX5	Instrumnet Name :	P7
Client Sample ID :	280-300FB-BACKFILL-14	Dilution Factor :	5
Date & Time Acquired :	2023-10-04 15:44:31	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2438110	2468346	2500766	2469074	1.27	cps
Vanadium	51-2	269950	266570	265832	267451	0.82	cps
Yttrium	89-1	13819906	13790774	14076891	13895857	1.13	cps
Yttrium	89-2	2820115	2888943	3211690	2973583	7.03	cps
Zinc	66-2	494573	495070	490103	493248	0.55	cps
Zirconium	90-1	1475932	1472567	1466377	1471625	0.33	cps
Zirconium	91-1	332842	333637	337056	334511	0.67	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	O4627-28ADLX5	Instrumnet Name :	P7
Client Sample ID :	280-300FB-BACKFILL-14	Dilution Factor :	5
Date & Time Acquired :	2023-10-04 15:47:25	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	344894	344973	342130	343999	0.47	cps
Antimony	121-1	804649	811058	814685	810131	0.63	cps
Arsenic	75-2	34654	35362	34874	34963	1.04	cps
Barium	135-1	1084095	1089837	1091859	1088597	0.37	cps
Barium	137-1	1908095	1922689	1948717	1926501	1.07	cps
Beryllium	9-1	189463	187725	188790	188659	0.46	cps
Bismuth	209-1	5619510	5820596	5797391	5745832	1.91	cps
Bismuth	209-2	4366691	4439762	4406129	4404194	0.83	cps
Bromine	81-1	33695	32402	32509	32869	2.18	cps
Bromine	81-2	110	100	130	113	13.48	cps
Cadmium	108-1	16566	16970	16660	16732	1.26	cps
Cadmium	106-1	30315	30235	30198	30249	0.20	cps
Cadmium	111-1	227806	229258	228364	228476	0.32	cps
Calcium	43-1	3427912	3448889	3390346	3422382	0.87	cps
Calcium	44-1	54786776	54920973	54368688	54692145	0.53	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	297913	299228	296755	297965	0.42	cps
Cobalt	59-2	551999	556975	553551	554175	0.46	cps
Copper	63-2	2911742	2863478	2879856	2885025	0.85	cps
Dysprosium	156-1	4484	4534	4327	4449	2.42	cps
Dysprosium	156-2	3154	3094	3217	3155	1.96	cps
Erbium	164-1	8636	8796	8543	8658	1.48	cps
Erbium	164-2	5171	5208	5314	5231	1.42	cps
Gadolinium	160-1	4951	4684	4631	4755	3.61	cps
Gadolinium	160-2	3257	3400	3024	3227	5.89	cps
Holmium	165-1	10567078	11043787	10863164	10824676	2.22	cps
Holmium	165-2	6608227	6734939	6616062	6653076	1.07	cps
Indium	115-1	8423286	8797043	8645490	8621940	2.18	cps
Indium	115-2	2586827	2593223	2632166	2604072	0.94	cps
Iron	56-2	50467581	50275391	50739989	50494320	0.46	cps
Iron	57-2	1405244	1408611	1396946	1403600	0.43	cps
Iron	54-2	2833847	2838350	2801200	2824466	0.72	cps
Krypton	83-1	157	113	107	126	21.62	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	O4627-28ADLX5	Instrumnet Name :	P7
Client Sample ID :	280-300FB-BACKFILL-14	Dilution Factor :	5
Date & Time Acquired :	2023-10-04 15:47:25	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2782227	2812474	2763197	2785966	0.89	cps
Lead	207-1	2455807	2516810	2461192	2477936	1.36	cps
Lead	208-1	11161757	11229633	11127119	11172836	0.47	cps
Lithium	6-1	2286293	2321370	2398918	2335527	2.47	cps
Magnesium	24-2	5207764	5270903	5192005	5223557	0.80	cps
Manganese	55-2	10967605	10948043	10795239	10903629	0.87	cps
Molybdenum	94-1	1823901	1849864	1883055	1852273	1.60	cps
Molybdenum	95-1	2325659	2342262	2350588	2339503	0.54	cps
Molybdenum	96-1	2586055	2566082	2570743	2574293	0.41	cps
Molybdenum	97-1	1447834	1455731	1441132	1448232	0.50	cps
Molybdenum	98-1	3710468	3727313	3670813	3702865	0.78	cps
Neodymium	150-1	3407	3297	3227	3310	2.74	cps
Neodymium	150-2	1517	1670	1467	1551	6.83	cps
Nickel	60-2	119377	120070	117996	119147	0.89	cps
Phosphorus	31-2	327	267	340	311	12.56	cps
Potassium	39-2	1882184	1917208	1888005	1895799	0.99	cps
Rhodium	103-1	7168624	7496136	7383831	7349530	2.26	cps
Rhodium	103-2	4025613	4035982	4142778	4068124	1.59	cps
Scandium	45-1	4765278	5024636	4999845	4929920	2.90	cps
Scandium	45-2	390448	392418	387368	390078	0.65	cps
Selenium	82-1	13959	14137	14182	14092	0.84	cps
Selenium	77-2	1073	1080	1093	1082	0.94	cps
Selenium	78-2	3764	3954	3971	3896	2.95	cps
Silicon	28-1	20490991	20492083	20804933	20596002	0.88	cps
Silver	107-1	1024999	1025947	1034370	1028439	0.50	cps
Silver	109-1	970226	974329	979502	974685	0.48	cps
Sodium	23-2	10189831	10130307	10044776	10121638	0.72	cps
Strontium	86-1	937382	924052	932762	931399	0.73	cps
Strontium	88-1	7960543	7865361	7909932	7911945	0.60	cps
Sulfur	34-1	4169896	4187504	4119664	4159021	0.85	cps
Terbium	159-1	10611164	11091987	11034999	10912717	2.41	cps
Terbium	159-2	6574616	6397849	6581188	6517885	1.60	cps
Thallium	203-1	720193	721258	719909	720453	0.10	cps
Thallium	205-1	1669088	1722232	1715649	1702323	1.70	cps
Tin	118-1	686157	683356	680078	683197	0.45	cps
Titanium	47-1	408402	410690	407044	408712	0.45	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	O4627-28ADLX5	Instrumnet Name :	P7
Client Sample ID :	280-300FB-BACKFILL-14	Dilution Factor :	5
Date & Time Acquired :	2023-10-04 15:47:25	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2481223	2457099	2498494	2478939	0.84	cps
Vanadium	51-2	267782	268832	266796	267803	0.38	cps
Yttrium	89-1	13089593	13483172	13533334	13368700	1.82	cps
Yttrium	89-2	2829131	2887997	2841699	2852942	1.09	cps
Zinc	66-2	494794	498987	491597	495126	0.75	cps
Zirconium	90-1	1484712	1489270	1492400	1488794	0.26	cps
Zirconium	91-1	331689	336548	337246	335161	0.90	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	CCV58	Instrumnet Name :	P7
Client Sample ID :	CCV58	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 15:50:20	DataFile Name :	050CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7974823	7844962	8034334	7951373	1.22	cps
Antimony	121-1	3554306	3521135	3564908	3546783	0.64	cps
Arsenic	75-2	145101	145518	145741	145453	0.22	cps
Barium	135-1	5078685	5127991	5052964	5086547	0.75	cps
Barium	137-1	8836446	8954108	8987678	8926077	0.89	cps
Beryllium	9-1	851006	851618	852106	851577	0.06	cps
Bismuth	209-1	5440506	5398404	5328954	5389288	1.05	cps
Bismuth	209-2	3958775	3932573	3930575	3940641	0.40	cps
Bromine	81-1	33281	32519	32706	32836	1.21	cps
Bromine	81-2	120	127	160	136	15.81	cps
Cadmium	108-1	74051	74520	74172	74248	0.33	cps
Cadmium	106-1	113691	112690	113462	113281	0.46	cps
Cadmium	111-1	958376	962726	961675	960925	0.24	cps
Calcium	43-1	5726122	5752949	5765552	5748208	0.35	cps
Calcium	44-1	91093325	89662962	89383005	90046431	1.02	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1333258	1375814	1356340	1355138	1.57	cps
Cobalt	59-2	1983397	2003189	2007597	1998061	0.65	cps
Copper	63-2	13906129	14147556	14115478	14056388	0.93	cps
Dysprosium	156-1	1167	1063	1097	1109	4.76	cps
Dysprosium	156-2	727	800	813	780	5.98	cps
Erbium	164-1	240	233	253	242	4.20	cps
Erbium	164-2	140	140	163	148	9.12	cps
Gadolinium	160-1	1040	1117	1010	1056	5.21	cps
Gadolinium	160-2	897	1100	953	983	10.67	cps
Holmium	165-1	10880855	10691865	10647925	10740215	1.15	cps
Holmium	165-2	6374057	6408942	6399334	6394111	0.28	cps
Indium	115-1	8358186	8201342	8417376	8325634	1.34	cps
Indium	115-2	2413988	2333393	2397946	2381776	1.79	cps
Iron	56-2	297497622	297961742	293832382	296430582	0.76	cps
Iron	57-2	7426072	7533977	7426731	7462260	0.83	cps
Iron	54-2	16420258	16407859	16338899	16389005	0.27	cps
Krypton	83-1	160	190	150	167	12.49	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	CCV58	Instrumnet Name :	P7
Client Sample ID :	CCV58	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 15:50:20	DataFile Name :	050CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	13717075	13555937	13612129	13628380	0.60	cps
Lead	207-1	12242699	11939842	11893186	12025242	1.58	cps
Lead	208-1	54920346	54452758	53883230	54418778	0.95	cps
Lithium	6-1	2284343	2266890	2220905	2257379	1.45	cps
Magnesium	24-2	74359472	73599849	75458281	74472534	1.25	cps
Manganese	55-2	10060948	10051646	9974400	10028998	0.47	cps
Molybdenum	94-1	13215518	13055282	13173272	13148024	0.63	cps
Molybdenum	95-1	18589833	18324068	18355538	18423146	0.79	cps
Molybdenum	96-1	20275319	20209621	20272414	20252452	0.18	cps
Molybdenum	97-1	11734137	11634236	11721909	11696761	0.47	cps
Molybdenum	98-1	30059710	29997441	29857094	29971415	0.35	cps
Neodymium	150-1	847	873	933	884	5.02	cps
Neodymium	150-2	220	207	193	207	6.45	cps
Nickel	60-2	499141	499377	497977	498832	0.15	cps
Phosphorus	31-2	84183	82587	83473	83414	0.96	cps
Potassium	39-2	40865477	40379987	40863343	40702936	0.69	cps
Rhodium	103-1	7070038	6905537	6908817	6961464	1.35	cps
Rhodium	103-2	3691064	3646062	3742594	3693240	1.31	cps
Scandium	45-1	5080243	4950614	4876325	4969061	2.08	cps
Scandium	45-2	382575	381647	377272	380498	0.74	cps
Selenium	82-1	59170	59640	58527	59112	0.94	cps
Selenium	77-2	4647	4764	4704	4705	1.24	cps
Selenium	78-2	15745	16029	16242	16005	1.56	cps
Silicon	28-1	60607442	61154459	61427441	61063114	0.68	cps
Silver	107-1	4137425	4111777	4125293	4124832	0.31	cps
Silver	109-1	3708714	3734642	3677483	3706946	0.77	cps
Sodium	23-2	121593932	120954625	122067235	121538597	0.46	cps
Strontium	86-1	32269465	32666829	32192132	32376142	0.79	cps
Strontium	88-1	282140796	280187676	280327516	280885329	0.39	cps
Sulfur	34-1	580764	581829	576305	579633	0.51	cps
Terbium	159-1	11170043	10826893	10815796	10937577	1.84	cps
Terbium	159-2	6126503	6208371	6209836	6181570	0.77	cps
Thallium	203-1	3319540	3325183	3343174	3329299	0.37	cps
Thallium	205-1	7826399	7617100	7682815	7708772	1.39	cps
Tin	118-1	3287019	3307909	3333637	3309522	0.71	cps
Titanium	47-1	4899153	4860502	4831019	4863558	0.70	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	CCV58	Instrumnet Name :	P7
Client Sample ID :	CCV58	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 15:50:20	DataFile Name :	050CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11026881	11105807	11106034	11079574	0.41	cps
Vanadium	51-2	1222227	1213284	1191254	1208922	1.32	cps
Yttrium	89-1	13189459	13236881	13182433	13202925	0.22	cps
Yttrium	89-2	2760972	2704078	2694166	2719739	1.33	cps
Zinc	66-2	2152975	2182997	2122653	2152875	1.40	cps
Zirconium	90-1	7005076	7027848	7048049	7026991	0.31	cps
Zirconium	91-1	1564062	1576046	1565651	1568586	0.41	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	CCB58	Instrumnet Name :	P7
Client Sample ID :	CCB58	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 15:58:24	DataFile Name :	051CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	323	320	327	323	1.03	cps
Antimony	121-1	887	937	1070	964	9.83	cps
Arsenic	75-2	10	13	10	11	17.30	cps
Barium	135-1	170	93	103	122	34.10	cps
Barium	137-1	300	227	210	246	19.50	cps
Beryllium	9-1	241	190	226	219	11.94	cps
Bismuth	209-1	6181268	6150716	6006364	6112783	1.53	cps
Bismuth	209-2	4604218	3193685	4443466	4080456	18.92	cps
Bromine	81-1	32296	33408	33194	32966	1.79	cps
Bromine	81-2	107	63	83	84	25.69	cps
Cadmium	108-1	7	37	17	20	76.36	cps
Cadmium	106-1	5725	5658	5988	5790	3.02	cps
Cadmium	111-1	4046	3955	4213	4071	3.22	cps
Calcium	43-1	980	837	827	881	9.74	cps
Calcium	44-1	15395	14510	14013	14639	4.78	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1463	1507	1420	1463	2.96	cps
Cobalt	59-2	90	87	70	82	13.03	cps
Copper	63-2	1147	1020	960	1042	9.14	cps
Dysprosium	156-1	13	0	10	8	89.21	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Erbium	164-1	60	70	73	68	10.24	cps
Erbium	164-2	57	37	47	47	21.43	cps
Gadolinium	160-1	43	33	57	44	26.35	cps
Gadolinium	160-2	377	287	393	352	16.29	cps
Holmium	165-1	11092664	11087002	10958842	11046169	0.69	cps
Holmium	165-2	6774647	4483522	6291152	5849774	20.64	cps
Indium	115-1	9296362	9258836	9105208	9220135	1.10	cps
Indium	115-2	2711059	1843009	2546746	2366938	19.48	cps
Iron	56-2	17647	18129	17614	17797	1.62	cps
Iron	57-2	910	863	903	892	2.83	cps
Iron	54-2	2070	2017	1957	2015	2.81	cps
Krypton	83-1	143	160	97	133	24.62	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	CCB58	Instrumnet Name :	P7
Client Sample ID :	CCB58	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 15:58:24	DataFile Name :	051CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	787	680	737	734	7.27	cps
Lead	207-1	683	550	633	622	10.83	cps
Lead	208-1	3084	2647	2637	2789	9.15	cps
Lithium	6-1	2503058	2484791	2478641	2488830	0.51	cps
Magnesium	24-2	1530	1443	1407	1460	4.34	cps
Manganese	55-2	480	393	430	434	10.01	cps
Molybdenum	94-1	843	653	683	727	14.06	cps
Molybdenum	95-1	853	680	507	680	25.49	cps
Molybdenum	96-1	897	707	717	773	13.83	cps
Molybdenum	97-1	543	350	370	421	25.25	cps
Molybdenum	98-1	1290	1047	790	1042	23.99	cps
Neodymium	150-1	0	10	13	8	89.21	cps
Neodymium	150-2	7	0	7	4	86.60	cps
Nickel	60-2	230	150	180	187	21.65	cps
Phosphorus	31-2	300	293	300	298	1.29	cps
Potassium	39-2	63813	63200	63739	63584	0.53	cps
Rhodium	103-1	8167917	8105351	8009082	8094117	0.99	cps
Rhodium	103-2	4410497	2999914	4073616	3828009	19.24	cps
Scandium	45-1	5387486	5214231	5153396	5251704	2.31	cps
Scandium	45-2	409473	281265	390538	360425	19.20	cps
Selenium	82-1	4	17	47	22	99.17	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	143	160	163	156	6.89	cps
Silicon	28-1	255155	257317	255144	255872	0.49	cps
Silver	107-1	401	335	281	339	17.76	cps
Silver	109-1	310	230	190	243	25.11	cps
Sodium	23-2	26880	26516	26954	26783	0.87	cps
Strontium	86-1	1067	767	707	847	22.78	cps
Strontium	88-1	8112	5481	4457	6017	31.34	cps
Sulfur	34-1	247672	249697	249827	249065	0.49	cps
Terbium	159-1	11487862	11597182	11212460	11432501	1.73	cps
Terbium	159-2	6609128	4453923	6228631	5763894	19.96	cps
Thallium	203-1	263	220	227	237	9.86	cps
Thallium	205-1	657	507	560	574	13.24	cps
Tin	118-1	1994	2174	1987	2051	5.16	cps
Titanium	47-1	260	210	173	214	20.29	cps

LB Number :	LB127619	Operator :	Jaswal
Lab Sample ID :	CCB58	Instrumnet Name :	P7
Client Sample ID :	CCB58	Dilution Factor :	1
Date & Time Acquired :	2023-10-04 15:58:24	DataFile Name :	051CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	290	237	143	223	33.24	cps
Vanadium	51-2	20	7	13	13	49.99	cps
Yttrium	89-1	13937558	14010036	13733016	13893537	1.03	cps
Yttrium	89-2	2903076	1997598	2789826	2563500	19.25	cps
Zinc	66-2	520	457	543	507	8.85	cps
Zirconium	90-1	997	960	957	971	2.29	cps
Zirconium	91-1	223	200	207	210	5.72	cps