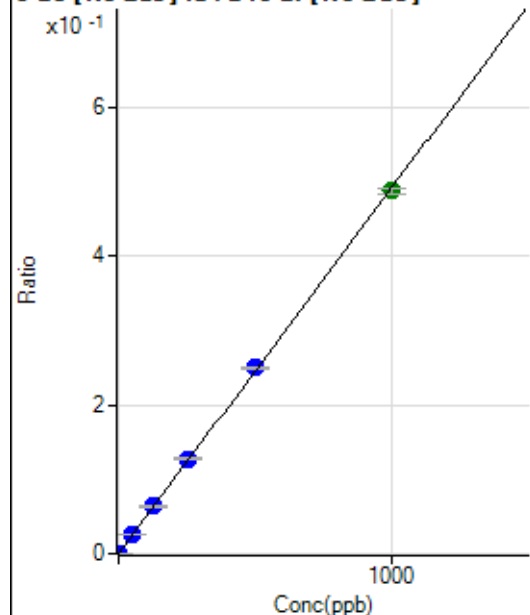


Calibration for 011CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P8061323-MS.b\
 Analysis File: P8061323-MS.batch.bin
 DA Date-Time: 2023-06-13 16:50:36
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2023-06-13 11:31:42
2	005CALS.d	S02	2023-06-13 11:34:44
3	006CALS.d	S03	2023-06-13 11:37:49
4	007CALS.d	S04	2023-06-13 11:40:49
5	008CALS.d	S05	2023-06-13 11:43:50
6	009CALS.d	S06	2023-06-13 11:46:48
7	010CALS.d	S07	2023-06-13 11:49:49
8	011CALS.d	S08	2023-06-13 11:52:47

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	35.41	0.0000	P	29.6
2	☐	1.000	1.081	1538.64	0.0005	P	2.7
3	☐	50.000	51.613	71880.01	0.0254	P	0.3
4	☐	125.000	129.426	177039.61	0.0636	P	1.0
5	☐	250.000	260.304	352427.39	0.1280	P	0.4
6	☐	500.000	508.502	684044.48	0.2500	P	1.1
7	☐	1000.000	992.539	1347888.04	0.4880	A	1.7
8	☐			1219.92	0.0004	P	20.4

$$y = 4.9163\text{E-}004 * x + 1.2703\text{E-}005$$

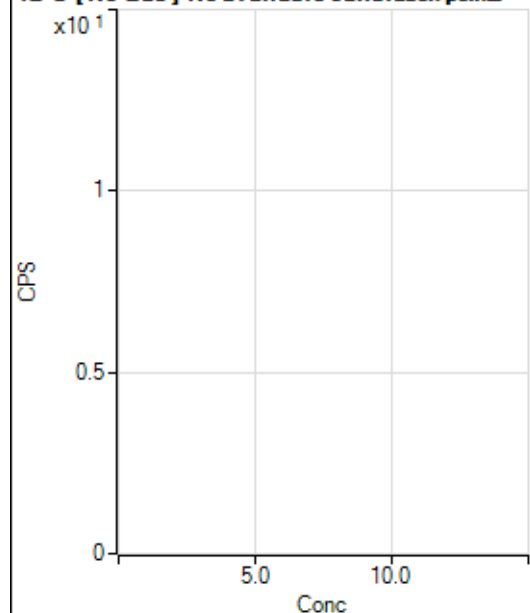
$$R = 0.9999$$

$$DL = 0.02295$$

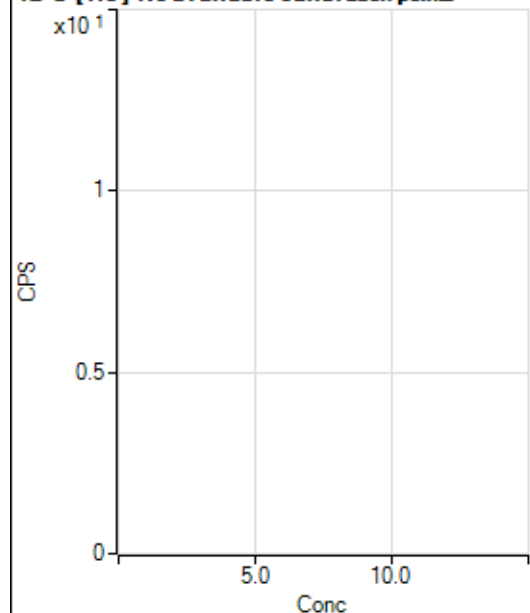
$$BEC = 0.02584$$

Weight: <None>

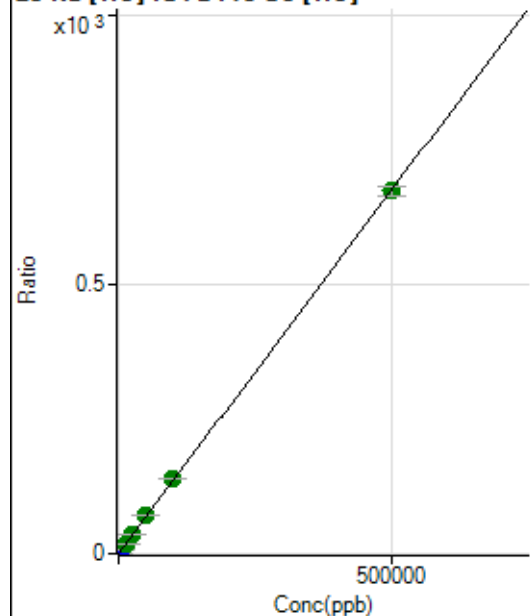
Min Conc: 0

12 C [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			2152720.55		A	0.7
2	☐			2708584.63		A	2.9
3	☐			2479555.89		A	2.2
4	☐			2539071.69		A	2.0
5	☐			2719232.44		A	2.8
6	☐			2847981.77		A	3.1
7	☐			3237293.78		A	5.0
8	☐			2788162.30		A	2.8

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			25581.11		P	0.8
2	☐			33906.28		P	1.1
3	☐			30434.74		P	0.7
4	☐			31679.09		P	1.9
5	☐			34465.96		P	1.6
6	☐			37328.40		P	1.0
7	☐			44013.80		P	1.1
8	☐			39603.87		P	1.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	18153.33	0.1406	P	0.5
2	☐	500.000	539.528	104459.44	0.8685	P	8.7
3	☐	5000.000	5412.614	919329.90	7.4429	P	2.7
4	☐	12500.000	13244.877	2297115.28	18.0096	A	1.8
5	☐	25000.000	26774.349	4534056.61	36.2626	A	0.2
6	☐	50000.000	52578.349	8770876.84	71.0755	A	0.9
7	☐	100000.00	102660.45	17411035.98	138.6427	A	0.9
8	☐	500000.00	499098.56	84540842.86	673.4884	A	2.8

$$y = 0.0013 * x + 0.1406$$

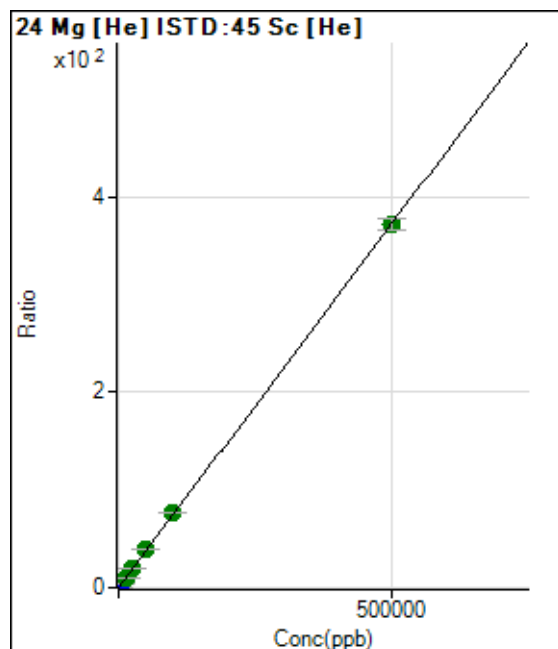
$$R = 1.0000$$

$$DL = 1.444$$

$$BEC = 104.2$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	686.15	0.0053	P	11.4
2	☐	500.000	531.857	48249.77	0.4013	P	9.6
3	☐	5000.000	5444.947	501356.85	4.0594	P	3.3
4	☐	12500.000	13252.505	1259310.47	9.8726	A	1.2
5	☐	25000.000	26886.943	2503717.98	20.0242	A	0.7
6	☐	50000.000	52814.374	4852857.96	39.3286	A	1.2
7	☐	100000.00	103185.92	9649385.63	76.8331	A	0.2
8	☐	500000.00	498963.73	46630082.29	371.5123	A	3.2

$$y = 7.4456\text{E-}004 * x + 0.0053$$

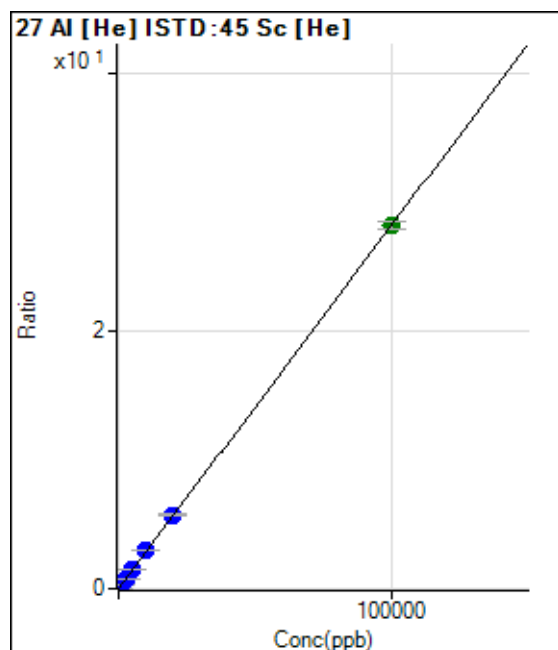
$$R = 1.0000$$

$$DL = 2.45$$

$$BEC = 7.135$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	37.08	0.0003	P	27.7
2	☐	20.000	21.679	770.76	0.0064	P	7.9
3	☐	1000.000	1081.360	37725.05	0.3055	P	3.3
4	☐	2500.000	2582.030	92984.24	0.7290	P	1.1
5	☐	5000.000	5285.000	186516.06	1.4917	P	0.9
6	☐	10000.000	10547.807	367338.44	2.9769	P	0.5
7	☐	20000.000	20363.615	721736.41	5.7470	P	0.5
8	☐	100000.00	99855.382	3537320.08	28.1801	A	2.3

$$y = 2.8221\text{E-}004 * x + 2.8753\text{E-}004$$

$$R = 1.0000$$

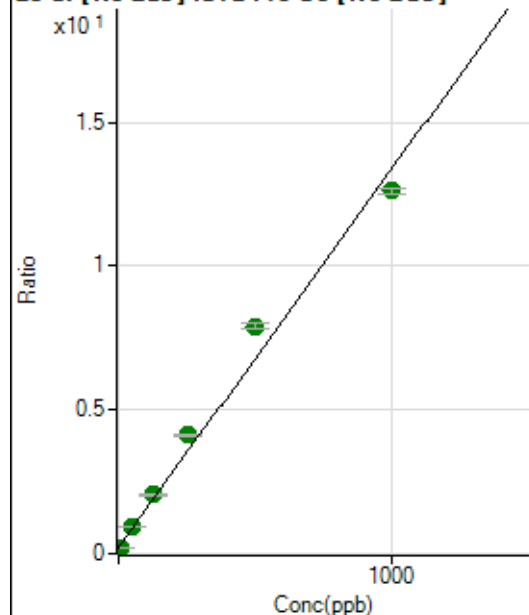
$$DL = 0.8481$$

$$BEC = 1.019$$

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	829892.71	0.2122	P	1.8
2	☐	10.000	0.755	873900.04	0.2221	A	1.1
3	☐	50.000	55.485	3719574.47	0.9418	A	1.9
4	☐	125.000	139.976	8044943.41	2.0527	A	2.1
5	☐	250.000	297.544	16058044.80	4.1245	A	2.1
6	☐	500.000	585.979	30727485.75	7.9171	A	2.2
7	☐	1000.000	943.071	49199955.62	12.6124	A	1.6
8	☐			1211314.66	0.3092	A	3.2

$$y = 0.0131 * x + 0.2122$$

$$R = 0.9925$$

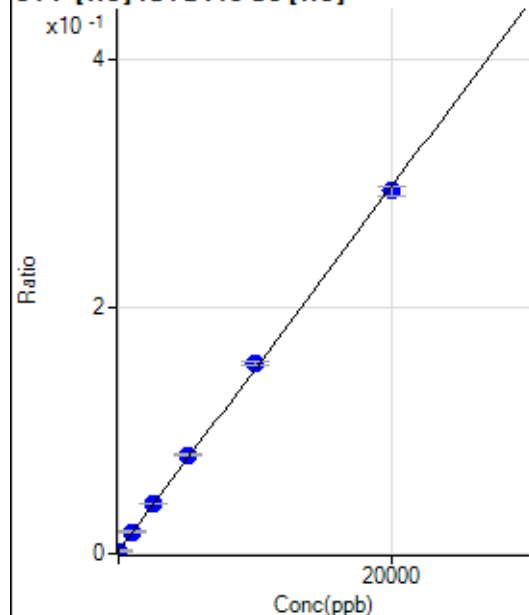
$$DL = 0.8883$$

$$BEC = 16.14$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-5.744	250.01	0.0019	P	20.0
2	☐	0.000	5.744	250.01	0.0021	P	34.3
3	☐	1000.000	1056.379	2177.99	0.0176	P	4.3
4	☐	2500.000	2596.502	5153.83	0.0404	P	1.6
5	☐	5000.000	5291.529	10034.26	0.0802	P	2.3
6	☐	10000.000	10306.289	19049.06	0.1544	P	1.8
7	☐	20000.000	19759.091	36939.19	0.2941	P	2.8
8	☐			266.68	0.0021	P	27.9

$$y = 1.4784E-005 * x + 0.0020$$

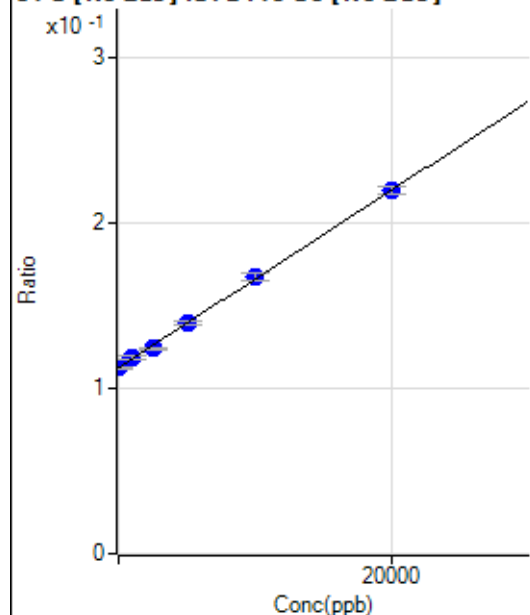
$$R = 0.9997$$

$$DL = 112.6$$

$$BEC = 136.6$$

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	-5.549	440391.29	0.1126	P	2.4
2	☐	0.000	5.549	443290.11	0.1127	P	1.1
3	☐	1000.000	1101.024	468292.42	0.1186	P	1.8
4	☐	2500.000	2167.096	487182.87	0.1243	P	1.0
5	☐	5000.000	5028.235	543863.19	0.1397	P	1.1
6	☐	10000.000	10257.894	651130.49	0.1678	P	2.7
7	☐	20000.000	19900.556	856685.43	0.2196	P	2.1
8	☐			403702.16	0.1031	P	3.3

$$y = 5.3758\text{E-}006 * x + 0.1126$$

$$R = 0.9997$$

$$DL = 1104$$

$$BEC = 2.095\text{E}+04$$

Weight: <None>

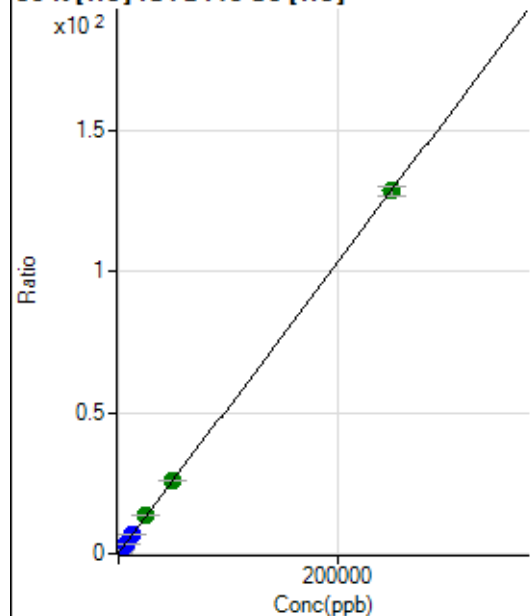
Min Conc: 0

35 Cl [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			131942.62		P	1.3
2	☐			166282.71		P	1.4
3	☐			154560.21		P	1.2
4	☐			157179.56		P	0.5
5	☐			163133.32		P	1.1
6	☐			162260.44		P	1.4
7	☐			155009.12		P	2.0
8	☐			175297.66		P	3.1

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			716.71		P	10.1
2	☐			1000.06		P	3.8
3	☐			886.16		P	5.4
4	☐			988.95		P	3.4
5	☐			1080.63		P	3.5
6	☐			1055.63		P	7.5
7	☐			863.94		P	7.0
8	☐			1130.63		P	6.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	28083.38	0.2174	P	1.8
2	☐	500.000	544.421	59818.83	0.4970	P	7.3
3	☐	2500.000	2625.351	193371.98	1.5655	P	2.6
4	☐	6250.000	6229.715	435759.48	3.4162	P	1.3
5	☐	12500.000	12684.191	841529.92	6.7304	P	0.4
6	☐	25000.000	26253.901	1690349.47	13.6981	A	0.5
7	☐	50000.000	50227.343	3266261.64	26.0078	A	0.1
8	☐	250000.00	249819.09	16127995.67	128.4929	A	3.0

$$y = 5.1347\text{E-}004 * x + 0.2174$$

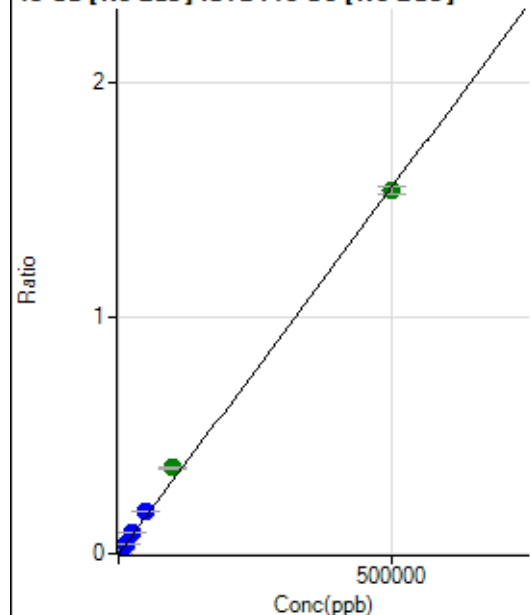
$$R = 1.0000$$

$$DL = 23.13$$

$$BEC = 423.5$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	144.98	0.0000	P	10.1
2	☐	500.000	490.591	6142.22	0.0016	P	1.8
3	☐	5000.000	5676.894	69807.75	0.0177	P	2.1
4	☐	12500.000	14128.972	172191.16	0.0439	P	1.7
5	☐	25000.000	28566.373	345721.61	0.0888	P	1.2
6	☐	50000.000	56957.307	686990.23	0.1770	P	1.4
7	☐	100000.00	117405.95	1422915.94	0.3648	A	2.5
8	☐	500000.00	495597.27	6031730.94	1.5398	A	2.3

$$y = 3.1069\text{E-}006 * x + 3.7020\text{E-}005$$

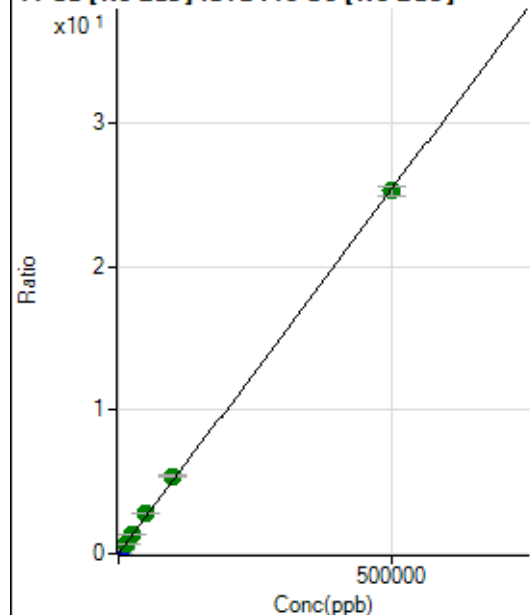
$$R = 0.9993$$

$$DL = 3.627$$

$$BEC = 11.92$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	12271.84	0.0031	P	4.3
2	☐	500.000	493.342	110951.57	0.0282	P	1.0
3	☐	5000.000	5366.733	1089284.39	0.2758	P	1.7
4	☐	12500.000	13654.332	2731209.90	0.6968	A	0.6
5	☐	25000.000	27553.038	5462965.21	1.4029	A	0.5
6	☐	50000.000	55154.012	10886744.59	2.8051	A	2.2
7	☐	100000.00	106085.83	21033109.44	5.3926	A	3.1
8	☐	500000.00	498107.26	99123978.83	25.3085	A	2.9

$$y = 5.0803\text{E-}005 * x + 0.0031$$

$$R = 0.9999$$

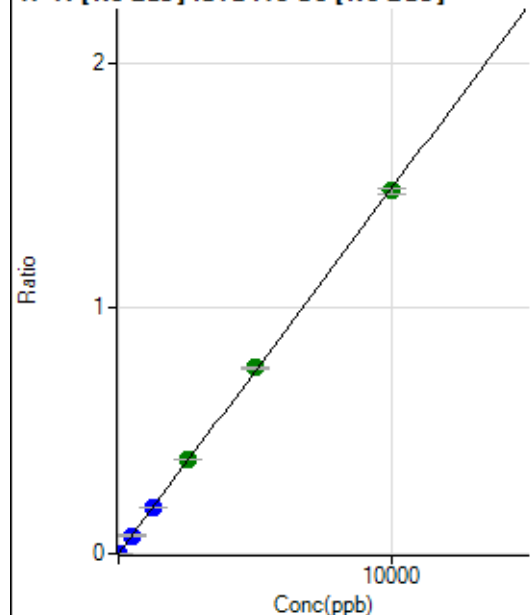
$$DL = 7.955$$

$$BEC = 61.78$$

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	97.23	0.0000	P	26.5
2	☐	5.000	4.936	2986.51	0.0008	P	8.8
3	☐	500.000	498.958	293349.92	0.0743	P	1.6
4	☐	1250.000	1253.301	731019.49	0.1865	P	1.5
5	☐	2500.000	2567.221	1487559.43	0.3820	A	1.0
6	☐	5000.000	5095.777	2943572.83	0.7583	A	1.4
7	☐	10000.000	9934.946	5767139.84	1.4784	A	1.7
8	☐			2350.72	0.0006	P	58.9

$$y = 1.4880E-004 * x + 2.4927E-005$$

$$R = 0.9999$$

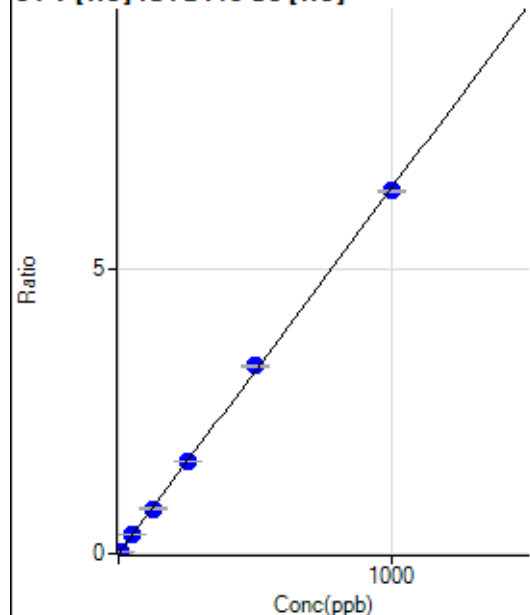
$$DL = 0.1333$$

$$BEC = 0.1675$$

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	3.33	0.0000	P	0.8
2	☐	5.000	5.270	4088.41	0.0339	P	6.1
3	☐	50.000	51.373	40826.94	0.3306	P	3.3
4	☐	125.000	123.359	101248.08	0.7937	P	1.0
5	☐	250.000	252.852	203414.91	1.6269	P	0.6
6	☐	500.000	513.228	407466.84	3.3022	P	0.7
7	☐	1000.000	992.808	802194.93	6.3878	P	0.8
8	☐			215.56	0.0017	P	33.4

$$y = 0.0064 * x + 2.5786E-005$$

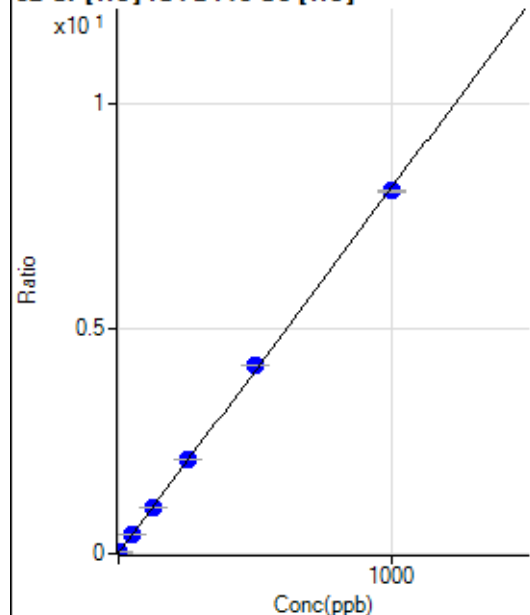
$$R = 0.9999$$

$$DL = 9.912E-05$$

$$BEC = 0.004008$$

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	831.14	0.0064	P	2.6
2	☐	2.000	2.135	2861.42	0.0238	P	7.8
3	☐	50.000	51.838	52795.94	0.4275	P	3.9
4	☐	125.000	125.644	130995.29	1.0271	P	2.3
5	☐	250.000	255.566	260379.79	2.0825	P	0.2
6	☐	500.000	513.863	515872.11	4.1807	P	0.5
7	☐	1000.000	991.504	1012304.76	8.0607	P	0.4
8	☐			5302.14	0.0422	P	2.4

$$y = 0.0081 * x + 0.0064$$

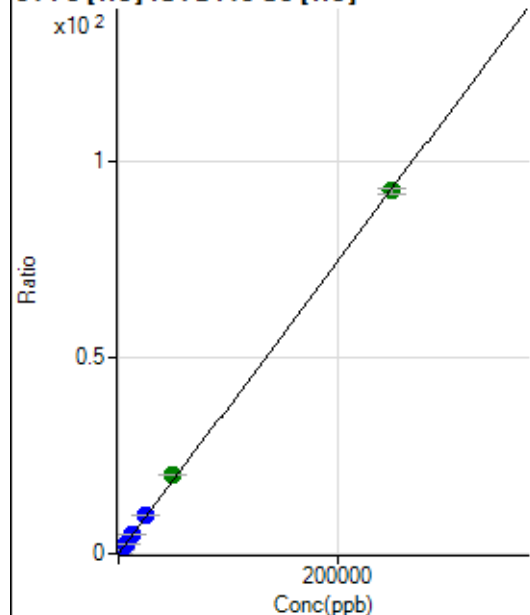
$$R = 0.9998$$

$$DL = 0.06132$$

$$BEC = 0.7924$$

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	540.76	0.0042	P	3.6
2	☐	50.000	54.994	2955.92	0.0246	P	12.7
3	☐	2500.000	2700.592	124459.47	1.0076	P	2.6
4	☐	6250.000	6535.858	310244.50	2.4326	P	2.6
5	☐	12500.000	13318.796	619268.36	4.9528	P	0.1
6	☐	25000.000	26778.494	1228210.14	9.9538	P	1.1
7	☐	50000.000	53955.388	2518094.33	20.0513	A	0.7
8	☐	250000.00	248980.98	11613387.87	92.5132	A	1.6

$$y = 3.7155E-004 * x + 0.0042$$

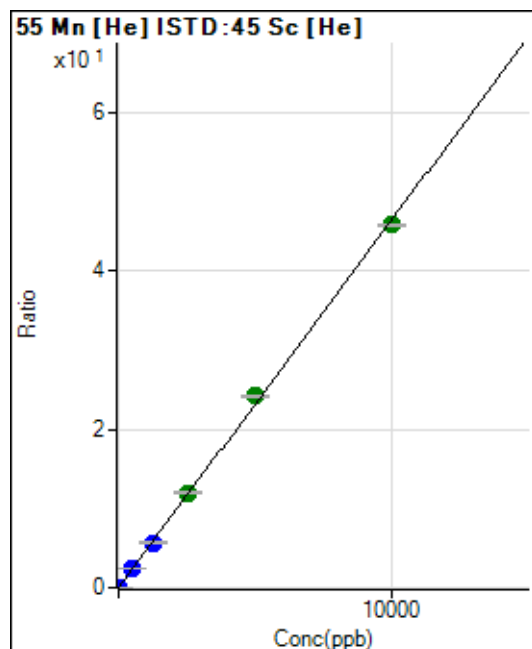
$$R = 0.9999$$

$$DL = 1.233$$

$$BEC = 11.27$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	47.78	0.0004	P	26.1
2	☐	1.000	1.109	664.46	0.0055	P	8.4
3	☐	500.000	511.246	293060.25	2.3727	P	2.9
4	☐	1250.000	1215.406	719330.26	5.6402	P	2.7
5	☐	2500.000	2585.087	1499819.13	11.9959	A	2.5
6	☐	5000.000	5213.237	2985001.72	24.1912	A	0.9
7	☐	10000.000	9875.872	5755251.03	45.8271	A	0.3
8	☐			3851.67	0.0307	P	4.2

$$y = 0.0046 * x + 3.6975E-004$$

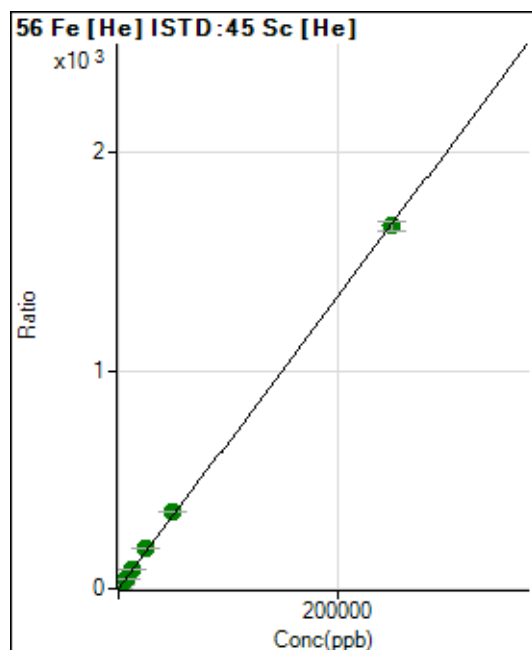
$$R = 0.9996$$

$$DL = 0.06245$$

$$BEC = 0.07968$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	3370.82	0.0261	P	4.6
2	☐	50.000	54.377	46891.89	0.3897	P	7.8
3	☐	2500.000	2834.083	2343754.91	18.9753	A	2.8
4	☐	6250.000	6646.676	5672223.51	44.4669	A	1.0
5	☐	12500.000	13722.570	11475445.62	91.7775	A	0.5
6	☐	25000.000	27486.592	22680579.67	183.8061	A	0.6
7	☐	50000.000	52768.794	44313139.88	352.8472	A	0.9
8	☐	250000.00	249123.19	209082663.9	1,665.706	A	2.7

$$y = 0.0067 * x + 0.0261$$

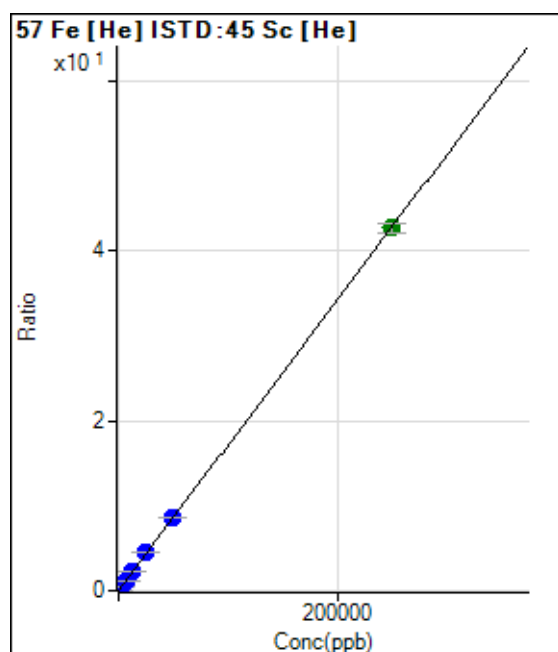
$$R = 0.9999$$

$$DL = 0.5403$$

$$BEC = 3.903$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	120.37	0.0009	P	10.1
2	☐	50.000	57.265	1288.97	0.0107	P	9.1
3	☐	2500.000	2651.087	56035.92	0.4537	P	3.5
4	☐	6250.000	6370.526	138882.50	1.0890	P	3.0
5	☐	12500.000	12983.501	277382.41	2.2185	P	0.7
6	☐	25000.000	26182.795	551917.98	4.4729	P	1.3
7	☐	50000.000	50057.627	1073810.88	8.5507	P	0.9
8	☐	250000.00	249841.49	5356307.64	42.6733	A	2.8

$$y = 1.7080\text{E-}004 * x + 9.3174\text{E-}004$$

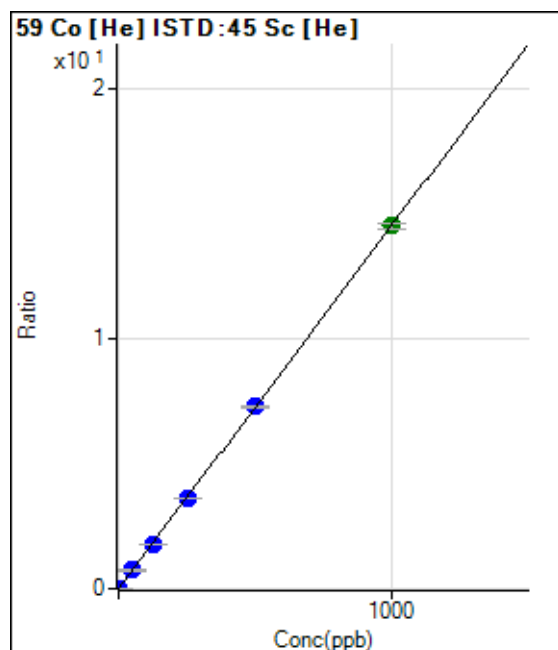
$$R = 1.0000$$

$$DL = 1.66$$

$$BEC = 5.455$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	50.00	0.0004	P	17.6
2	☐	1.000	1.070	1921.26	0.0159	P	3.9
3	☐	50.000	50.948	91446.84	0.7405	P	3.7
4	☐	125.000	122.450	226929.84	1.7791	P	1.6
5	☐	250.000	248.806	451932.08	3.6146	P	1.1
6	☐	500.000	501.848	899563.35	7.2903	P	1.6
7	☐	1000.000	999.646	1823538.23	14.5214	A	1.5
8	☐			4342.93	0.0346	P	1.6

$$y = 0.0145 * x + 3.8715\text{E-}004$$

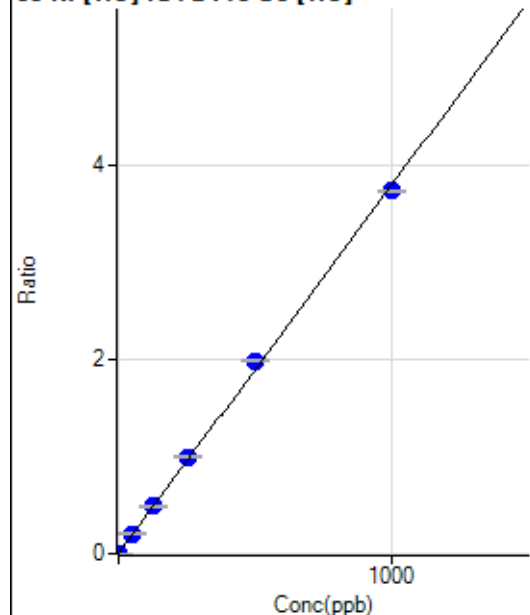
$$R = 1.0000$$

$$DL = 0.01411$$

$$BEC = 0.02665$$

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	275.56	0.0021	P	4.6
2	☐	1.000	1.172	792.25	0.0066	P	7.2
3	☐	50.000	53.672	25403.82	0.2057	P	3.5
4	☐	125.000	129.461	62889.45	0.4931	P	3.2
5	☐	250.000	262.541	124765.85	0.9979	P	0.9
6	☐	500.000	522.361	244724.20	1.9833	P	1.1
7	☐	1000.000	984.943	469416.85	3.7378	P	0.6
8	☐			2494.69	0.0199	P	1.5

$$y = 0.0038 * x + 0.0021$$

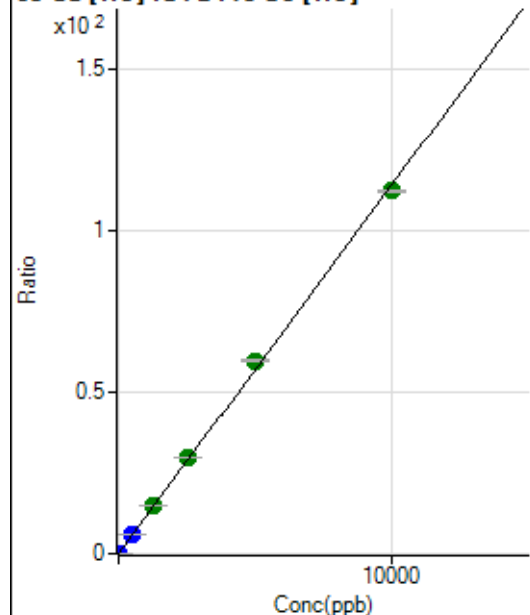
$$R = 0.9995$$

$$DL = 0.0783$$

$$BEC = 0.5627$$

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	468.90	0.0036	P	4.6
2	☐	2.000	2.115	3334.87	0.0277	P	8.7
3	☐	500.000	518.695	730132.99	5.9114	P	3.0
4	☐	1250.000	1305.211	1896309.68	14.8697	A	3.2
5	☐	2500.000	2614.972	3724378.52	29.7875	A	1.2
6	☐	5000.000	5229.226	7349658.29	59.5633	A	0.8
7	☐	10000.000	9848.808	14088652.29	112.1792	A	0.3
8	☐			4634.14	0.0369	P	0.5

$$y = 0.0114 * x + 0.0036$$

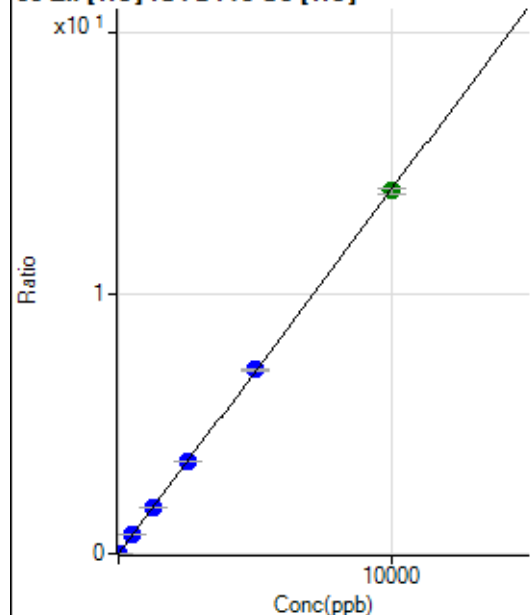
$$R = 0.9995$$

$$DL = 0.04447$$

$$BEC = 0.3188$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	85.56	0.0007	P	20.1
2	☐	2.000	2.162	442.24	0.0037	P	14.3
3	☐	500.000	523.012	90459.73	0.7325	P	3.6
4	☐	1250.000	1255.095	224084.85	1.7568	P	1.7
5	☐	2500.000	2537.085	443944.84	3.5506	P	0.5
6	☐	5000.000	5055.163	872889.33	7.0740	P	0.7
7	☐	10000.000	9961.360	1750465.18	13.9389	A	1.3
8	☐			2925.89	0.0233	P	2.4

$$y = 0.0014 * x + 6.6253E-004$$

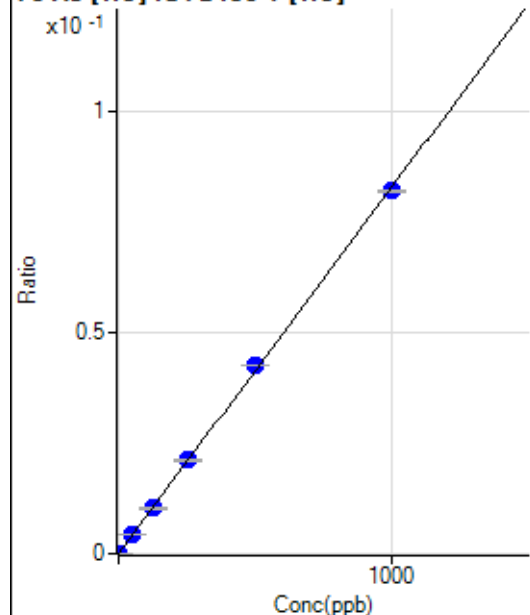
$$R = 1.0000$$

$$DL = 0.2855$$

$$BEC = 0.4735$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2.33	0.0000	P	25.5
2	☐	1.000	1.035	94.34	0.0001	P	9.9
3	☐	50.000	53.537	4926.36	0.0044	P	3.3
4	☐	125.000	125.369	12089.38	0.0104	P	3.8
5	☐	250.000	255.427	24044.77	0.0212	P	0.6
6	☐	500.000	514.986	48043.59	0.0427	P	0.8
7	☐	1000.000	990.927	94185.26	0.0821	P	0.8
8	☐			41.34	0.0000	P	22.3

$$y = 8.2875E-005 * x + 2.0144E-006$$

$$R = 0.9998$$

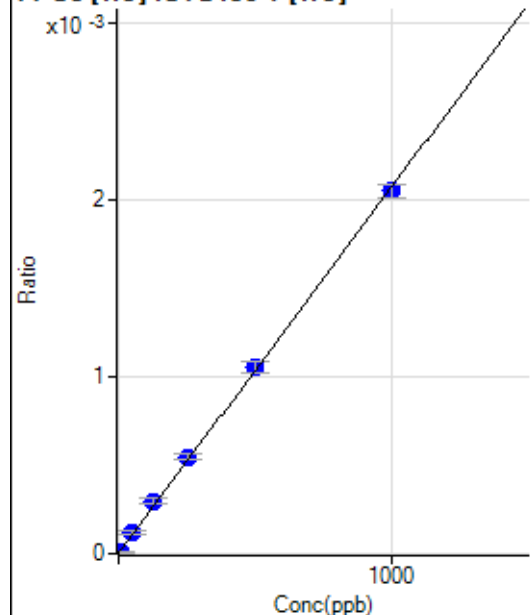
$$DL = 0.01861$$

$$BEC = 0.02431$$

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	2.22	0.0000	P	173.
2	☐	5.000	2.420	7.78	0.0000	P	109.
3	☐	50.000	54.663	127.78	0.0001	P	18.9
4	☐	125.000	143.478	347.78	0.0003	P	8.3
5	☐	250.000	263.393	621.13	0.0005	P	5.0
6	☐	500.000	508.208	1185.62	0.0011	P	5.6
7	☐	1000.000	990.018	2351.33	0.0021	P	3.8
8	☐			20.00	0.0000	P	33.7

$$y = 2.0693\text{E-}006 * x + 1.9061\text{E-}006$$

$$R = 0.9997$$

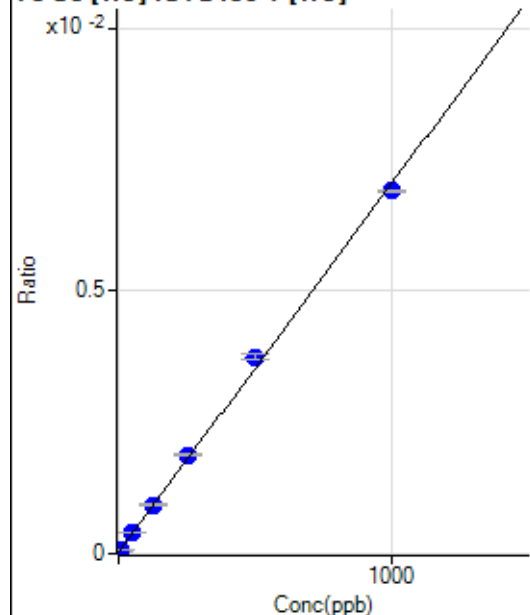
$$DL = 4.787$$

$$BEC = 0.9212$$

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	29.67	0.0000	P	5.6
2	☐	5.000	5.125	66.34	0.0001	P	3.2
3	☐	50.000	53.703	446.39	0.0004	P	8.2
4	☐	125.000	128.098	1075.82	0.0009	P	4.7
5	☐	250.000	264.702	2139.38	0.0019	P	2.0
6	☐	500.000	529.799	4214.06	0.0037	P	2.9
7	☐	1000.000	980.852	7925.36	0.0069	P	0.3
8	☐			77.01	0.0001	P	11.8

$$y = 7.0191\text{E-}006 * x + 2.5586\text{E-}005$$

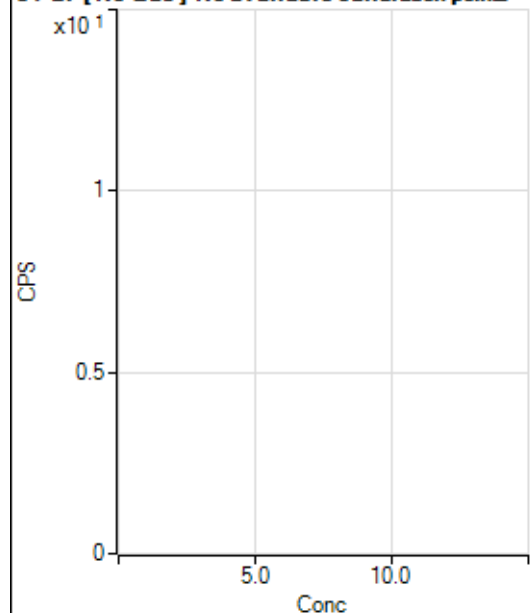
$$R = 0.9992$$

$$DL = 0.613$$

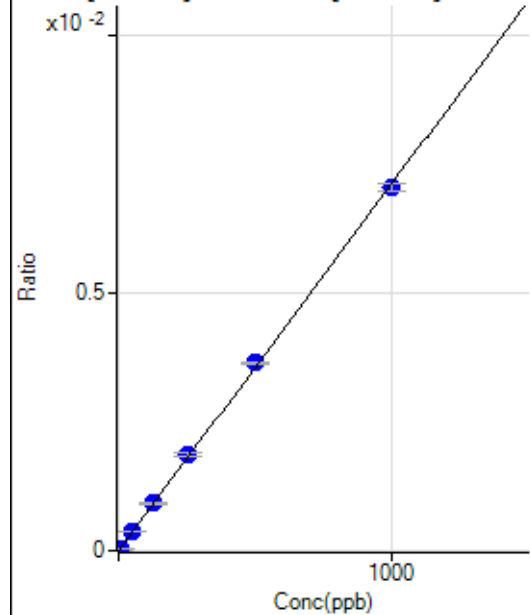
$$BEC = 3.645$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			39019.22		P	3.2
2	☐			39916.37		P	2.5
3	☐			39673.87		P	3.2
4	☐			37648.89		P	2.2
5	☐			37604.18		P	1.8
6	☐			36434.40		P	2.3
7	☐			35479.19		P	1.8
8	☐			37005.23		P	3.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	14.16	0.0000	P	60.9
2	☐	5.000	5.036	386.21	0.0000	P	13.1
3	☐	50.000	52.084	3807.19	0.0004	P	1.4
4	☐	125.000	130.072	9460.07	0.0009	P	3.8
5	☐	250.000	262.878	19130.07	0.0019	P	2.7
6	☐	500.000	512.785	37099.19	0.0036	P	1.4
7	☐	1000.000	989.650	72299.39	0.0070	P	2.1
8	☐			409.55	0.0000	P	6.8

$$y = 7.1093E-006 * x + 1.3927E-006$$

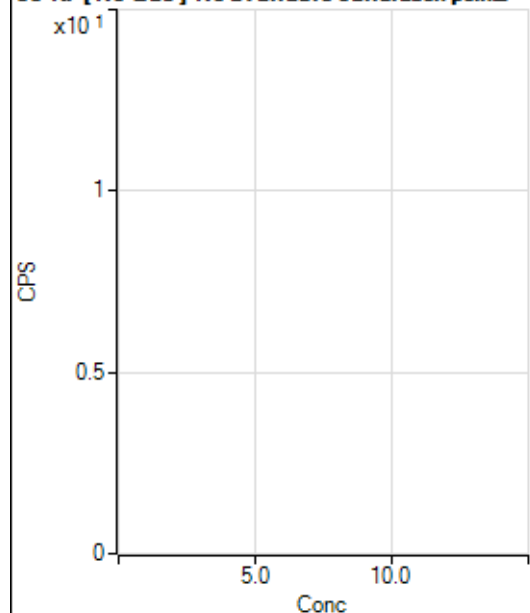
$$R = 0.9998$$

$$DL = 0.3582$$

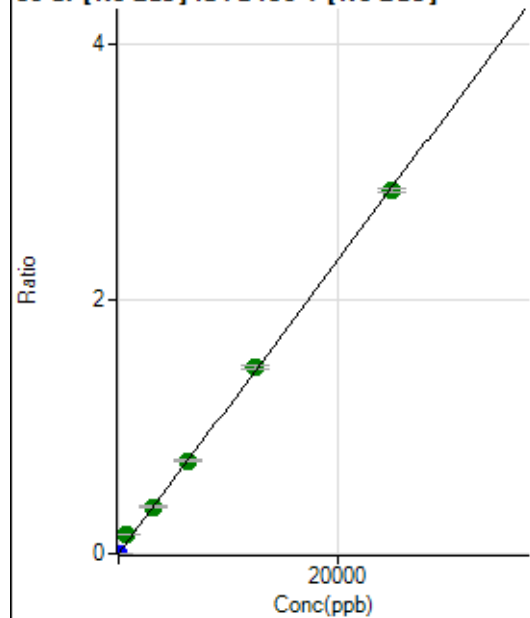
$$BEC = 0.1959$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			220.39		P	4.7
2	☐			207.06		P	13.3
3	☐			204.56		P	7.6
4	☐			199.98		P	8.5
5	☐			208.31		P	10.6
6	☐			200.40		P	6.1
7	☐			219.97		P	8.9
8	☐			219.14		P	6.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	380.57	0.0000	P	10.0
2	☐	1.000	1.022	1608.48	0.0002	P	3.5
3	☐	625.000	1293.674	1523672.16	0.1487	A	0.7
4	☐	3125.000	3189.148	3745132.72	0.3666	A	2.6
5	☐	6250.000	6364.391	7483772.21	0.7316	A	1.5
6	☐	12500.000	12781.950	14945616.13	1.4693	A	1.9
7	☐	25000.000	24805.692	29298013.50	2.8513	A	1.2
8	☐			11617.59	0.0011	P	62.4

$$y = 1.1494\text{E-}004 * x + 3.7232\text{E-}005$$

$$R = 0.9996$$

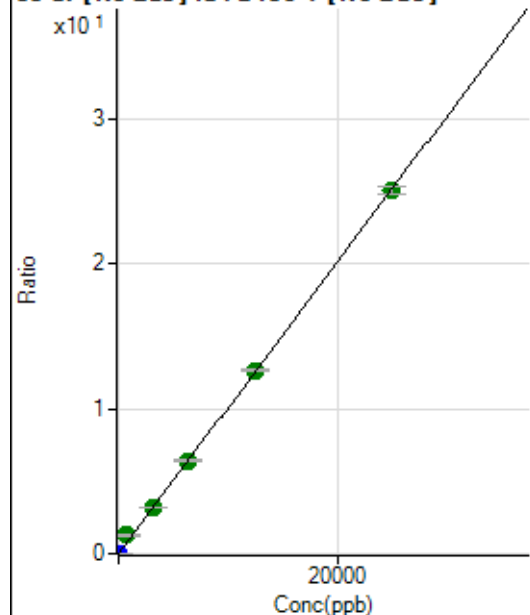
$$DL = 0.0968$$

$$BEC = 0.3239$$

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	502.81	0.0000	P	74.9
2	☐	1.000	0.967	10593.18	0.0010	P	3.9
3	☐	625.000	1256.238	12914281.19	1.2606	A	0.6
4	☐	3125.000	3154.174	32333207.32	3.1651	A	2.9
5	☐	6250.000	6346.601	65144007.71	6.3686	A	2.1
6	☐	12500.000	12584.831	128471052.8	12.6284	A	0.9
7	☐	25000.000	24914.007	256870319.6	25.0002	A	2.0
8	☐			97257.77	0.0093	P	57.9

$$y = 0.0010 * x + 4.9396E-005$$

$$R = 0.9997$$

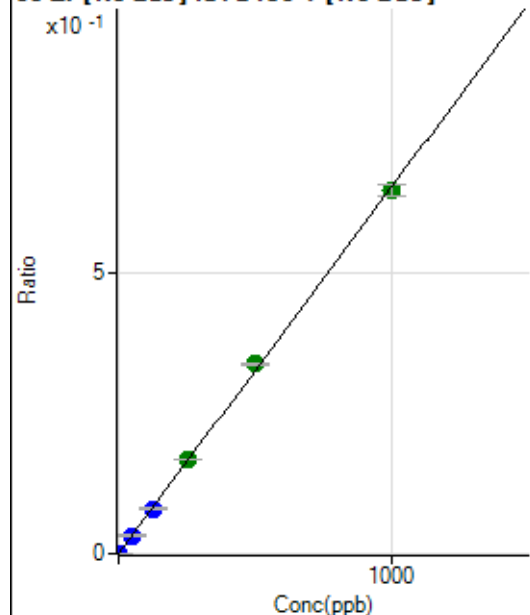
$$DL = 0.1107$$

$$BEC = 0.04923$$

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	405.57	0.0000	P	12.0
2	☐	1.000	0.869	6301.60	0.0006	P	4.1
3	☐	50.000	49.543	331247.67	0.0323	P	1.4
4	☐	125.000	122.947	819229.21	0.0802	P	1.5
5	☐	250.000	256.512	1711087.32	0.1673	A	0.9
6	☐	500.000	517.536	3432622.95	0.3374	A	0.9
7	☐	1000.000	989.884	6629874.50	0.6453	A	3.3
8	☐			4957.68	0.0005	P	29.0

$$y = 6.5189E-004 * x + 3.9657E-005$$

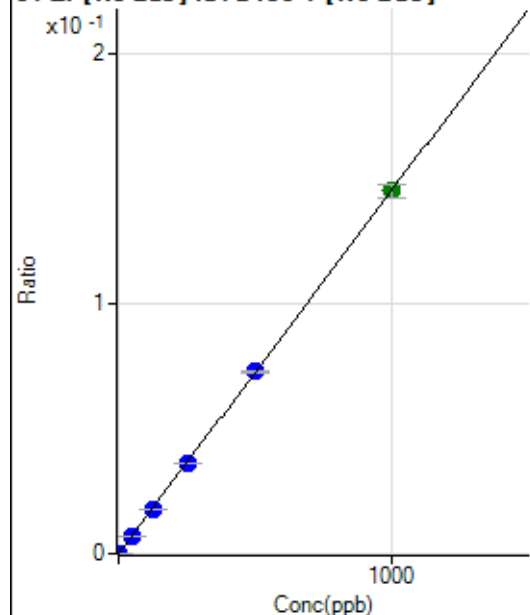
$$R = 0.9997$$

$$DL = 0.02193$$

$$BEC = 0.06083$$

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	61.11	0.0000	P	27.4
2	☐	1.000	0.857	1355.66	0.0001	P	3.8
3	☐	50.000	48.167	71701.17	0.0070	P	2.1
4	☐	125.000	121.615	180473.19	0.0177	P	1.2
5	☐	250.000	249.459	370619.01	0.0362	P	1.1
6	☐	500.000	501.874	741427.08	0.0729	P	1.2
7	☐	1000.000	999.713	1491338.60	0.1452	A	3.5
8	☐			1011.22	0.0001	P	27.9

$$y = 1.4520\text{E-}004 * x + 5.9713\text{E-}006$$

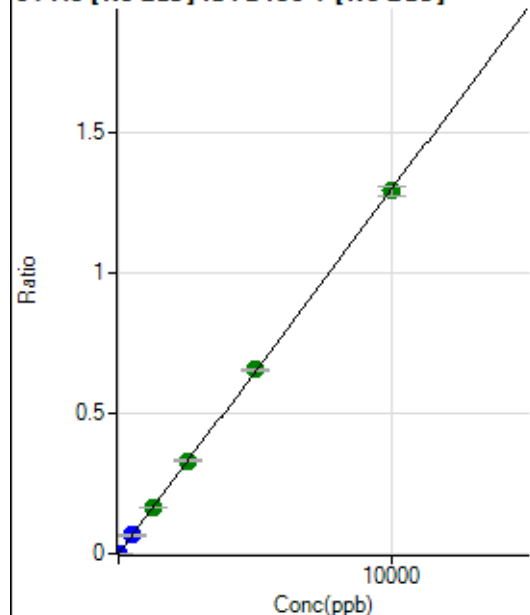
$$R = 1.0000$$

$$DL = 0.03385$$

$$BEC = 0.04112$$

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	125.00	0.0000	P	22.4
2	☐	5.000	5.550	7602.30	0.0007	P	1.6
3	☐	500.000	502.866	667593.08	0.0652	P	1.7
4	☐	1250.000	1264.831	1674617.77	0.1639	A	1.3
5	☐	2500.000	2547.905	3377461.14	0.3302	A	1.9
6	☐	5000.000	5048.685	6656005.62	0.6542	A	1.4
7	☐	10000.000	9961.684	13261602.12	1.2909	A	2.9
8	☐			7973.48	0.0008	P	40.4

$$y = 1.2958\text{E-}004 * x + 1.2209\text{E-}005$$

$$R = 1.0000$$

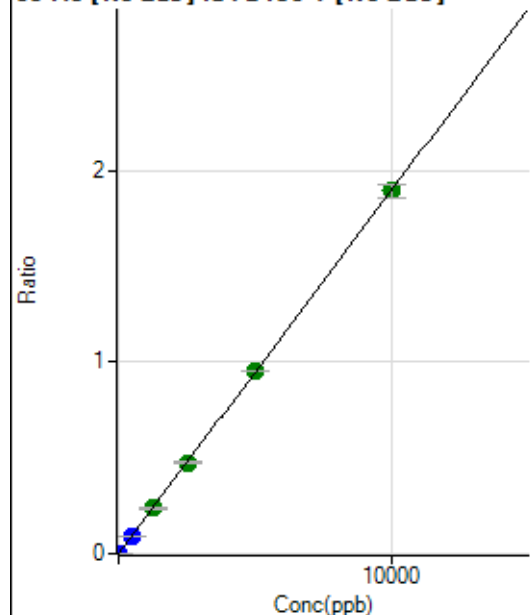
$$DL = 0.0634$$

$$BEC = 0.09422$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	55.56	0.0000	P	34.1
2	☐	5.000	4.715	9347.88	0.0009	P	0.9
3	☐	500.000	493.587	958724.26	0.0936	P	2.0
4	☐	1250.000	1252.090	2425687.77	0.2374	A	1.9
5	☐	2500.000	2509.728	4867867.34	0.4759	A	2.1
6	☐	5000.000	5025.726	9695146.74	0.9530	A	0.6
7	☐	10000.000	9984.764	19449999.39	1.8933	A	3.5
8	☐			10159.45	0.0010	P	49.5

$$y = 1.8962\text{E-}004 * x + 5.4284\text{E-}006$$

$$R = 1.0000$$

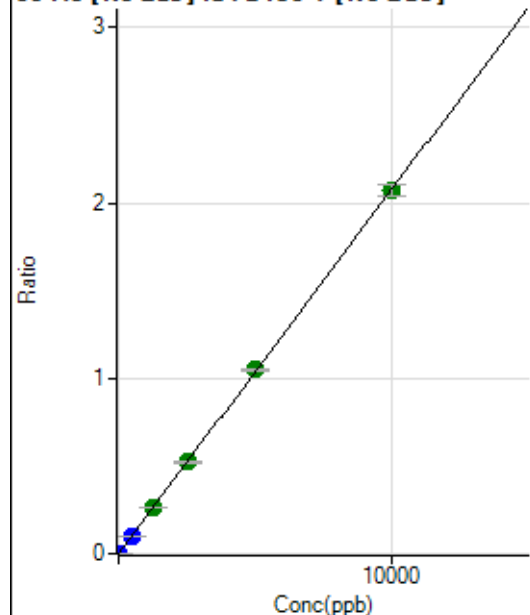
$$DL = 0.02927$$

$$BEC = 0.02863$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	97.22	0.0000	P	20.3
2	☐	5.000	4.688	10206.82	0.0010	P	3.3
3	☐	500.000	493.580	1048815.03	0.1024	P	2.2
4	☐	1250.000	1262.053	2674526.06	0.2618	A	2.6
5	☐	2500.000	2513.626	5335011.97	0.5214	A	0.9
6	☐	5000.000	5055.497	10668603.71	1.0487	A	1.0
7	☐	10000.000	9967.659	21241631.20	2.0677	A	3.1
8	☐			14179.16	0.0014	P	38.9

$$y = 2.0744\text{E-}004 * x + 9.5004\text{E-}006$$

$$R = 1.0000$$

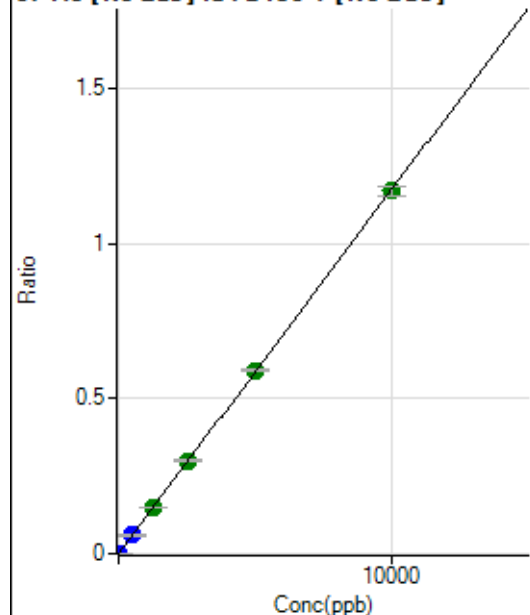
$$DL = 0.02788$$

$$BEC = 0.0458$$

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	13.89	0.0000	P	91.7
2	☐	5.000	4.771	5826.39	0.0006	P	4.5
3	☐	500.000	502.296	603188.81	0.0589	P	2.3
4	☐	1250.000	1256.662	1505059.25	0.1473	A	2.1
5	☐	2500.000	2555.712	3065148.31	0.2996	A	1.6
6	☐	5000.000	5028.078	5996611.33	0.5895	A	1.1
7	☐	10000.000	9971.085	12009580.47	1.1690	A	2.5
8	☐			6242.98	0.0006	P	46.1

$$y = 1.1723\text{E-}004 * x + 1.3723\text{E-}006$$

$$R = 1.0000$$

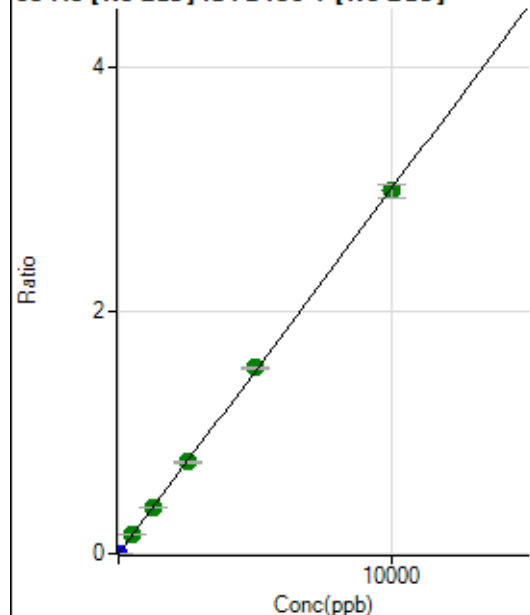
$$DL = 0.03219$$

$$BEC = 0.01171$$

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	77.78	0.0000	P	27.3
2	☐	5.000	4.612	14474.60	0.0014	P	2.2
3	☐	500.000	509.655	1567808.47	0.1531	A	2.6
4	☐	1250.000	1264.890	3881191.97	0.3799	A	0.9
5	☐	2500.000	2526.283	7760727.00	0.7587	A	2.3
6	☐	5000.000	5100.059	15581838.72	1.5317	A	1.4
7	☐	10000.000	9941.056	30669781.59	2.9855	A	3.6
8	☐			16876.86	0.0016	P	38.5

$$y = 3.0032\text{E-}004 * x + 7.6158\text{E-}006$$

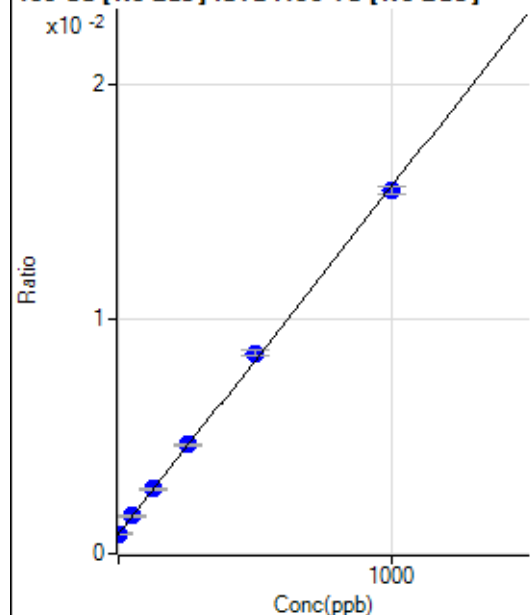
$$R = 0.9999$$

$$DL = 0.0208$$

$$BEC = 0.02536$$

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	6107.10	0.0008	P	6.5
2	☐	1.000	-0.075	6182.09	0.0008	P	2.9
3	☐	50.000	51.581	11744.21	0.0016	P	2.9
4	☐	125.000	129.584	20028.93	0.0028	P	2.1
5	☐	250.000	256.243	34129.02	0.0046	P	1.2
6	☐	500.000	520.946	62129.69	0.0086	P	2.4
7	☐	1000.000	987.315	115022.35	0.0155	P	2.3
8	☐			6287.72	0.0008	P	3.4

$$y = 1.4796\text{E-}005 * x + 8.4244\text{E-}004$$

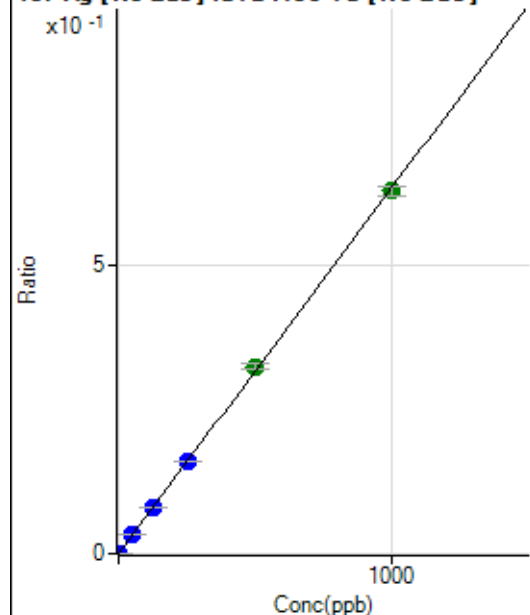
$$R = 0.9996$$

$$DL = 11.16$$

$$BEC = 56.94$$

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	200.01	0.0000	P	8.6
2	☐	1.000	0.961	4670.35	0.0006	P	5.4
3	☐	50.000	51.340	237767.61	0.0325	P	0.8
4	☐	125.000	127.298	584675.50	0.0806	P	1.3
5	☐	250.000	252.762	1177994.22	0.1599	P	1.2
6	☐	500.000	512.526	2355926.77	0.3243	A	2.8
7	☐	1000.000	992.692	4675327.58	0.6280	A	2.6
8	☐			1594.89	0.0002	P	66.2

$$y = 6.3264\text{E-}004 * x + 2.7607\text{E-}005$$

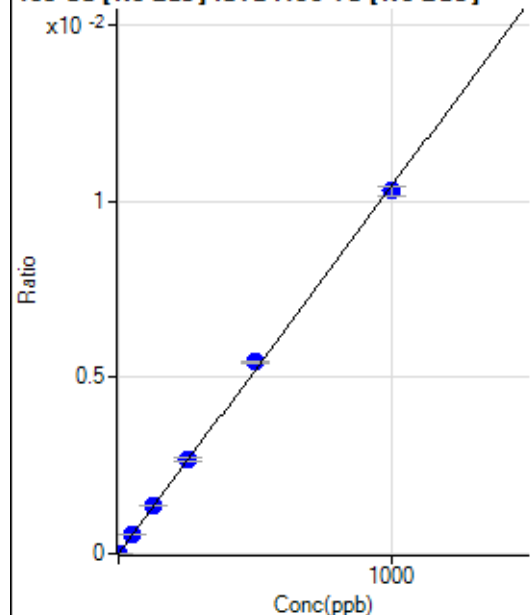
$$R = 0.9999$$

$$DL = 0.01122$$

$$BEC = 0.04364$$

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	19.44	0.0000	P	31.5
2	☐	1.000	1.177	109.72	0.0000	P	8.1
3	☐	50.000	52.637	4028.42	0.0006	P	1.1
4	☐	125.000	130.964	9916.18	0.0014	P	1.7
5	☐	250.000	254.268	19520.89	0.0027	P	4.1
6	☐	500.000	520.936	39450.88	0.0054	P	1.2
7	☐	1000.000	987.588	76565.19	0.0103	P	2.8
8	☐			105.56	0.0000	P	19.5

$$y = 1.0412\text{E-}005 * x + 2.6738\text{E-}006$$

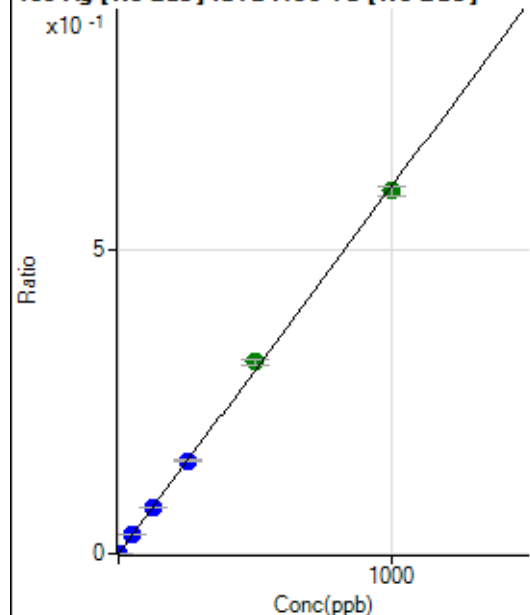
$$R = 0.9997$$

$$DL = 0.2429$$

$$BEC = 0.2568$$

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	183.34	0.0000	P	20.8
2	☐	1.000	0.976	4525.87	0.0006	P	5.4
3	☐	50.000	51.681	228943.73	0.0313	P	0.4
4	☐	125.000	126.721	556733.03	0.0767	P	2.1
5	☐	250.000	252.554	1125744.90	0.1529	P	1.9
6	☐	500.000	521.651	2293872.81	0.3157	A	2.6
7	☐	1000.000	988.237	4452131.48	0.5981	A	2.9
8	☐			1606.05	0.0002	P	56.9

$$y = 6.0516\text{E-}004 * x + 2.5328\text{E-}005$$

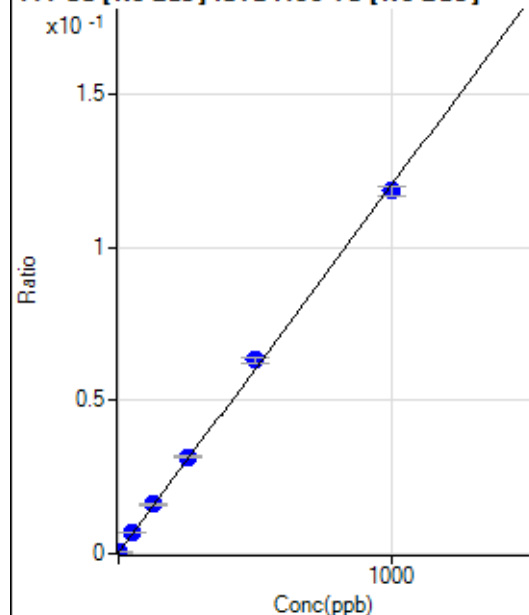
$$R = 0.9996$$

$$DL = 0.02606$$

$$BEC = 0.04185$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2128.04	0.0003	P	6.6
2	☐	1.000	0.995	3034.19	0.0004	P	1.8
3	☐	50.000	52.801	48498.91	0.0066	P	0.6
4	☐	125.000	131.654	116806.13	0.0161	P	1.4
5	☐	250.000	260.301	232232.33	0.0315	P	2.2
6	☐	500.000	523.601	458695.25	0.0631	P	3.0
7	☐	1000.000	984.652	881892.52	0.1185	P	2.3
8	☐			2787.96	0.0004	P	9.1

$$y = 1.2002\text{E-}004 * x + 2.9356\text{E-}004$$

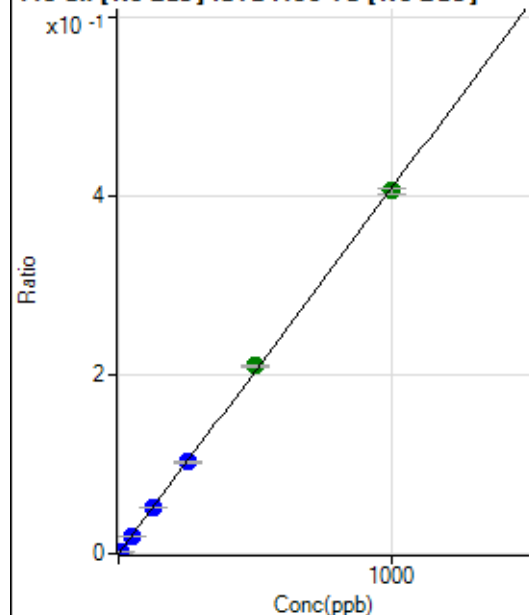
$$R = 0.9995$$

$$DL = 0.4865$$

$$BEC = 2.446$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	419.46	0.0001	P	11.9
2	☐	5.000	4.840	14944.69	0.0020	P	2.1
3	☐	50.000	49.321	147701.29	0.0202	P	0.8
4	☐	125.000	125.501	372276.68	0.0513	P	0.6
5	☐	250.000	250.441	753641.50	0.1023	P	0.6
6	☐	500.000	513.446	1523601.49	0.2097	A	1.9
7	☐	1000.000	993.139	3018914.74	0.4055	A	1.6
8	☐			2781.13	0.0004	P	35.1

$$y = 4.0827\text{E-}004 * x + 5.7792\text{E-}005$$

$$R = 0.9999$$

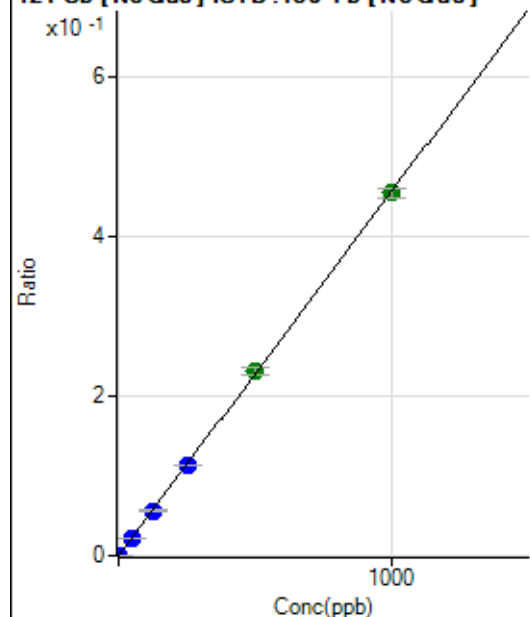
$$DL = 0.05048$$

$$BEC = 0.1416$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	22.22	0.0000	P	20.6
2	☐	2.000	1.889	6354.44	0.0009	P	5.1
3	☐	50.000	49.112	163897.35	0.0224	P	2.1
4	☐	125.000	123.681	409516.63	0.0564	P	1.2
5	☐	250.000	248.750	835890.42	0.1135	P	0.7
6	☐	500.000	508.096	1683907.57	0.2318	A	3.6
7	☐	1000.000	996.474	3383877.90	0.4546	A	2.6
8	☐			3031.21	0.0004	P	24.8

$$y = 4.5620\text{E-}004 * x + 3.0600\text{E-}006$$

$$R = 0.9999$$

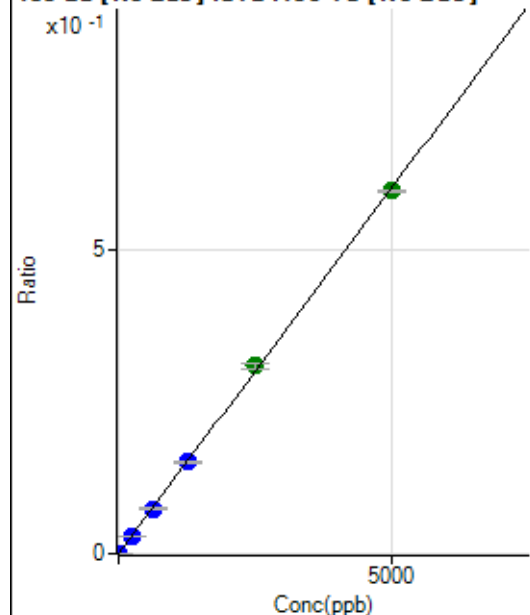
$$DL = 0.00414$$

$$BEC = 0.006708$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	19.45	0.0000	P	107.
2	☐	10.000	9.919	8808.66	0.0012	P	3.0
3	☐	250.000	245.981	216978.40	0.0297	P	2.1
4	☐	625.000	615.690	538857.20	0.0742	P	2.1
5	☐	1250.000	1252.430	1112400.01	0.1510	P	1.1
6	☐	2500.000	2570.954	2252449.36	0.3100	A	2.8
7	☐	5000.000	4965.280	4457819.33	0.5988	A	0.5
8	☐			3673.11	0.0005	P	25.3

$$y = 1.2059\text{E-}004 * x + 2.6922\text{E-}006$$

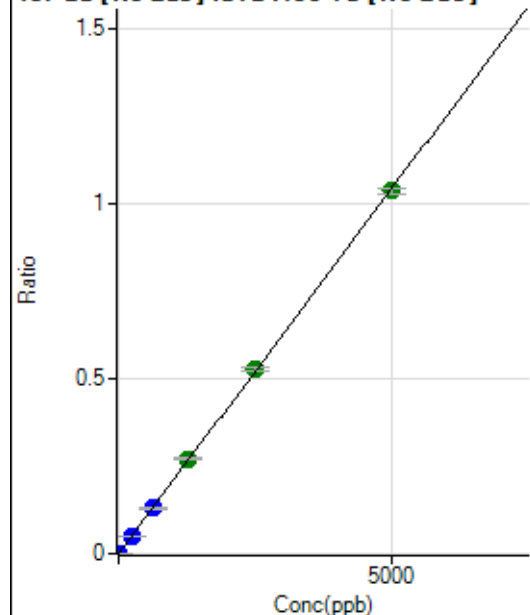
$$R = 0.9998$$

$$DL = 0.07185$$

$$BEC = 0.02233$$

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	33.33	0.0000	P	24.2
2	☐	10.000	9.515	14619.38	0.0020	P	0.8
3	☐	250.000	247.917	378323.54	0.0517	P	1.2
4	☐	625.000	622.719	942858.01	0.1299	P	1.2
5	☐	1250.000	1293.964	1988285.22	0.2699	A	1.8
6	☐	2500.000	2533.371	3840285.07	0.5285	A	2.0
7	☐	5000.000	4972.714	7722746.96	1.0374	A	1.8
8	☐			6341.51	0.0008	P	28.3

$$y = 2.0862E-004 * x + 4.5933E-006$$

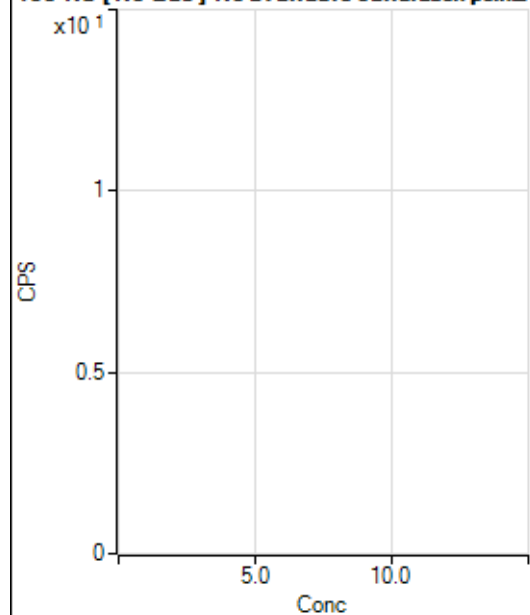
$$R = 0.9999$$

$$DL = 0.01601$$

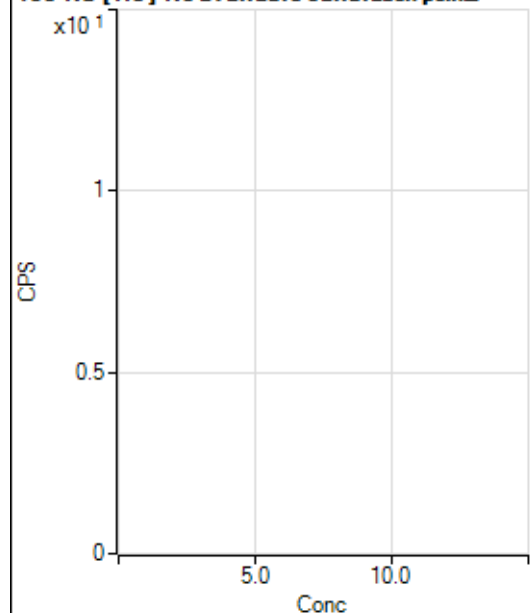
$$BEC = 0.02202$$

Weight: <None>

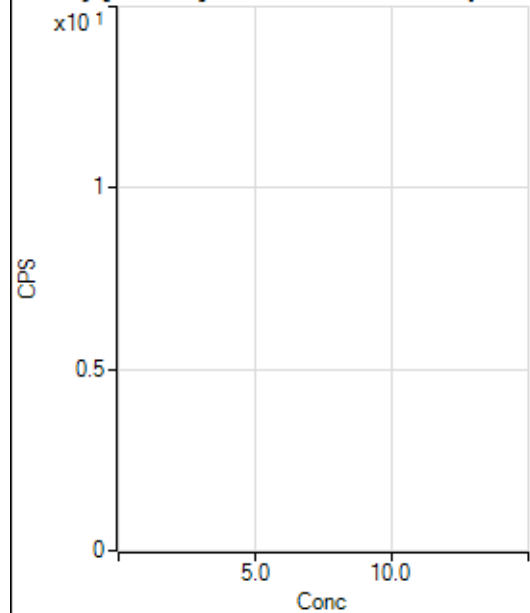
Min Conc: 0

150 Nd [No Gas] No available calibration points

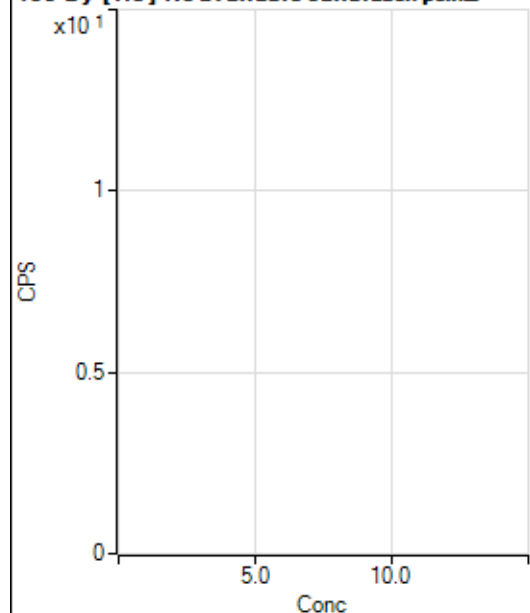
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.
2	☐			6.67		P	100.
3	☐			48.89		P	28.4
4	☐			133.33		P	17.3
5	☐			257.79		P	21.5
6	☐			531.13		P	11.0
7	☐			1015.62		P	9.9
8	☐			142.23		P	21.1

150 Nd [He] No available calibration points

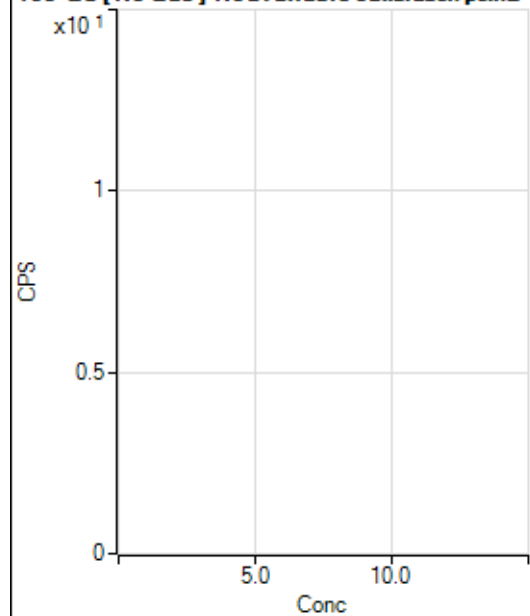
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.56		P	34.7
2	☐			1.11		P	173.
3	☐			6.67		P	100.
4	☐			5.56		P	173.
5	☐			24.45		P	15.8
6	☐			47.78		P	28.2
7	☐			65.56		P	33.1
8	☐			47.78		P	8.1

156 Dy [No Gas] No available calibration points

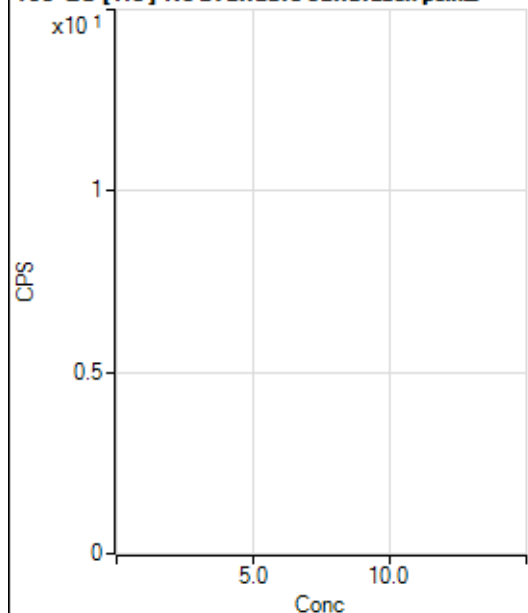
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.55		P	86.6
2	☐			11.11		P	114.
3	☐			30.55		P	15.7
4	☐			50.00		P	28.9
5	☐			86.11		P	43.6
6	☐			152.78		P	38.3
7	☐			355.57		P	17.3
8	☐			963.95		P	12.3

156 Dy [He] No available calibration points

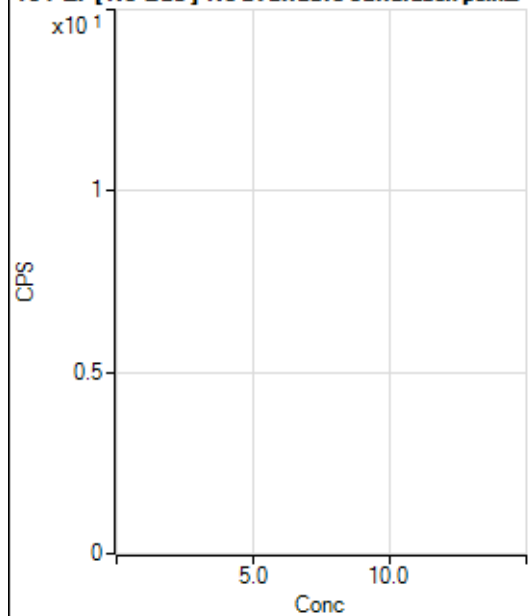
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐			1.11		P	173.
3	☐			6.67		P	50.0
4	☐			15.56		P	65.5
5	☐			44.45		P	15.6
6	☐			70.00		P	17.2
7	☐			161.11		P	13.8
8	☐			397.79		P	2.1

160 Gd [No Gas] Noavailable calibration poin_

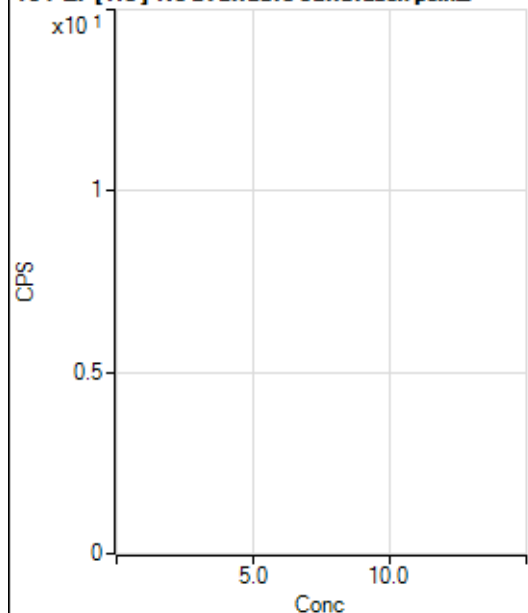
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			36.11		P	13.3
2	☐			75.00		P	48.4
3	☐			72.22		P	35.2
4	☐			80.56		P	41.8
5	☐			125.01		P	35.3
6	☐			213.90		P	14.8
7	☐			330.57		P	8.1
8	☐			877.83		P	4.8

160 Gd [He] No available calibration points

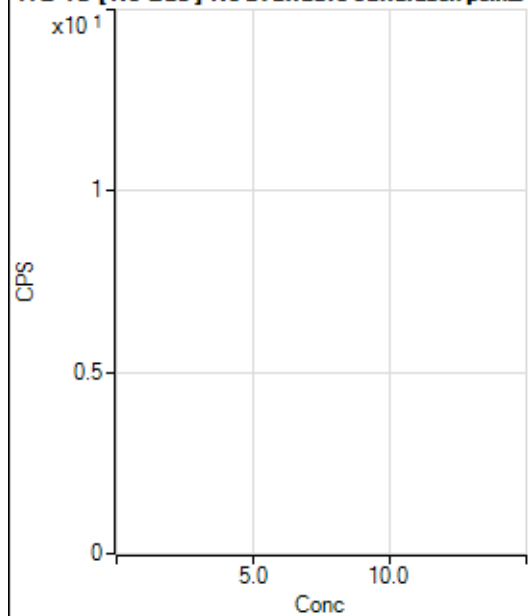
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			118.89		P	9.0
2	☐			98.89		P	29.1
3	☐			137.78		P	18.5
4	☐			118.89		P	9.0
5	☐			143.34		P	6.2
6	☐			157.78		P	23.3
7	☐			233.34		P	10.8
8	☐			562.24		P	3.4

164 Er [No Gas] No available calibration points

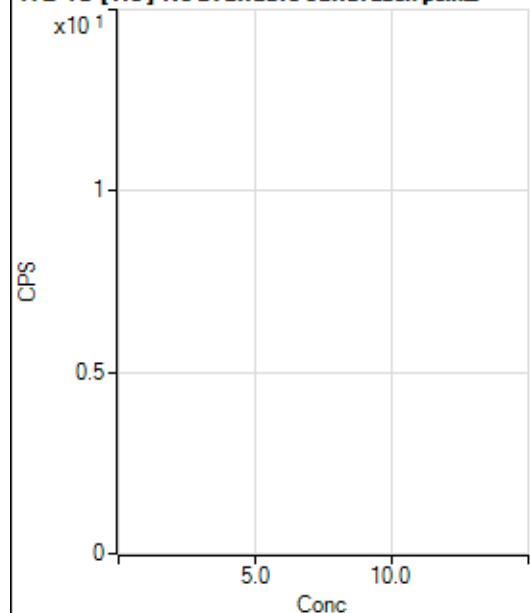
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			47.22		P	27.0
2	☐			38.89		P	12.4
3	☐			52.78		P	9.1
4	☐			75.00		P	40.1
5	☐			61.11		P	28.4
6	☐			111.11		P	24.1
7	☐			125.01		P	23.1
8	☐			155.56		P	16.4

164 Er [He] No available calibration points

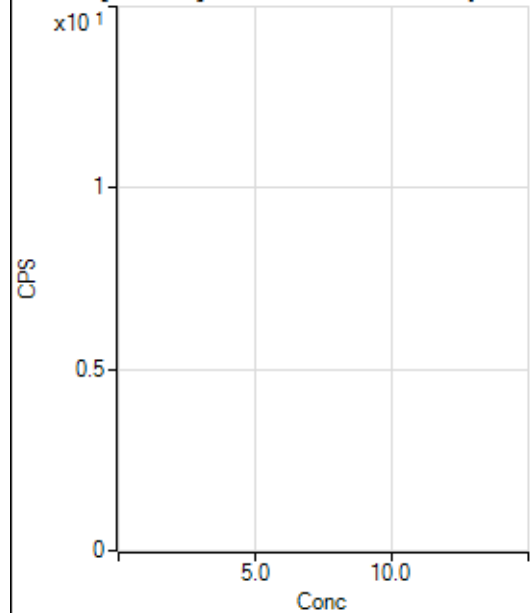
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			20.00		P	28.9
2	☐			12.22		P	41.7
3	☐			24.44		P	20.8
4	☐			26.67		P	12.5
5	☐			40.00		P	28.9
6	☐			54.44		P	34.8
7	☐			55.56		P	34.1
8	☐			85.56		P	21.5

172 Yb [No Gas] No available calibration points

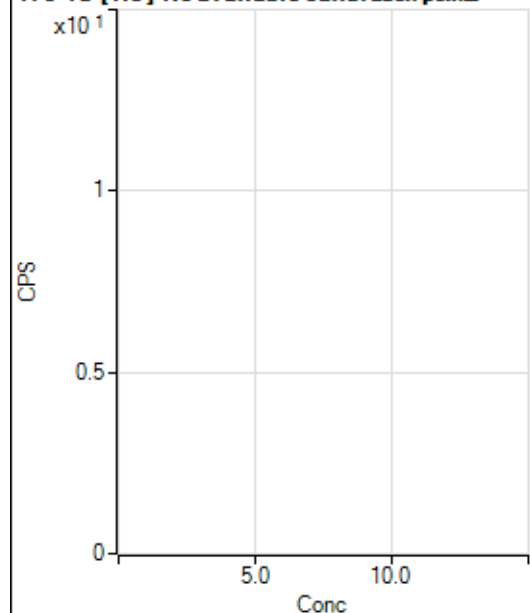
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			41.67		P	52.9
2	☐			52.78		P	39.7
3	☐			58.34		P	14.3
4	☐			83.34		P	20.0
5	☐			80.56		P	11.9
6	☐			141.67		P	10.2
7	☐			186.12		P	9.3
8	☐			111.11		P	11.5

172 Yb [He] No available calibration points

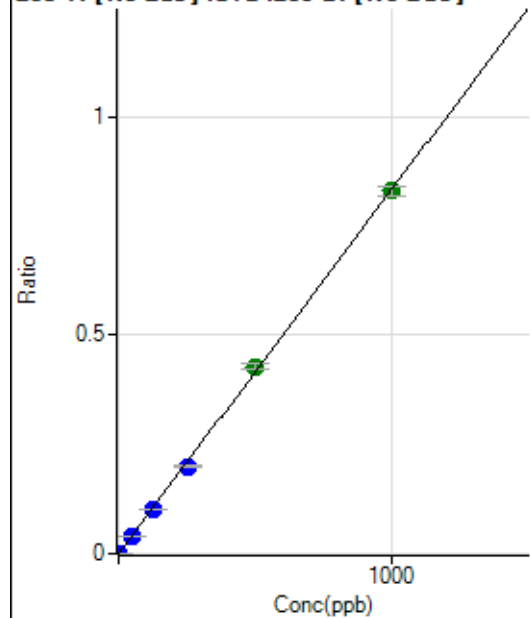
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			18.52		P	45.8
2	☐			35.18		P	9.1
3	☐			22.22		P	75.0
4	☐			42.60		P	7.5
5	☐			48.15		P	17.6
6	☐			50.00		P	22.2
7	☐			79.63		P	10.7
8	☐			59.26		P	35.5

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1691.82		P	10.7
2	☐			1727.94		P	3.9
3	☐			2536.43		P	5.7
4	☐			3670.05		P	3.9
5	☐			5643.05		P	5.2
6	☐			9375.80		P	1.1
7	☐			17648.36		P	2.3
8	☐			1783.51		P	11.9

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8778.98		P	2.7
2	☐			7774.63		P	6.2
3	☐			8467.67		P	0.5
4	☐			9440.57		P	0.5
5	☐			10250.43		P	2.2
6	☐			12153.91		P	1.7
7	☐			16521.65		P	0.9
8	☐			8495.47		P	5.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	94.45	0.0000	P	6.8
2	☐	1.000	0.897	3678.40	0.0008	P	8.0
3	☐	50.000	46.982	187669.29	0.0392	P	0.8
4	☐	125.000	119.769	473937.19	0.0998	P	1.3
5	☐	250.000	238.790	962555.17	0.1990	P	1.6
6	☐	500.000	513.035	2016887.83	0.4276	A	3.1
7	☐	1000.000	997.090	3953936.89	0.8311	A	2.8
8	☐			1522.61	0.0003	P	53.8

$$y = 8.3349E-004 * x + 1.9516E-005$$

$$R = 0.9998$$

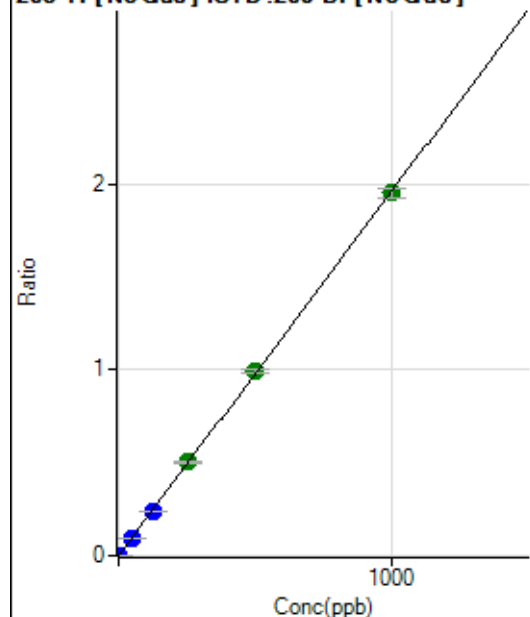
$$DL = 0.00475$$

$$BEC = 0.02341$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	147.23	0.0000	P	14.9
2	☐	1.000	0.972	9278.57	0.0019	P	4.6
3	☐	50.000	48.100	451744.17	0.0943	P	2.3
4	☐	125.000	122.240	1137415.43	0.2396	P	1.1
5	☐	250.000	256.201	2428572.04	0.5022	A	1.8
6	☐	500.000	505.239	4671723.06	0.9904	A	2.5
7	☐	1000.000	996.270	9290899.08	1.9529	A	2.8
8	☐			3904.93	0.0009	P	58.6

$$y = 0.0020 * x + 3.0419E-005$$

$$R = 0.9999$$

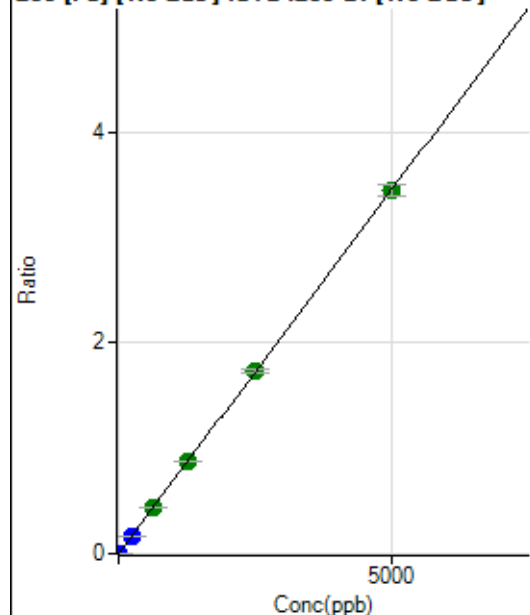
$$DL = 0.006956$$

$$BEC = 0.01552$$

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	435.20	0.0001	P	4.5
2	☐	1.000	0.896	3393.11	0.0007	P	4.9
3	☐	250.000	230.821	763252.67	0.1594	P	2.4
4	☐	625.000	635.514	2081701.48	0.4386	A	1.6
5	☐	1250.000	1268.700	4234105.59	0.8755	A	0.9
6	☐	2500.000	2512.712	8177988.44	1.7338	A	2.8
7	☐	5000.000	4988.614	16376153.03	3.4422	A	3.2
8	☐			10450.76	0.0023	P	28.1

$$y = 6.8999E-004 * x + 8.9900E-005$$

$$R = 1.0000$$

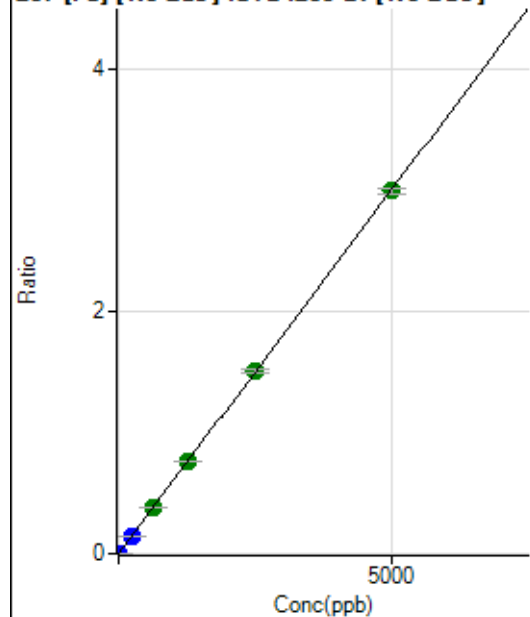
$$DL = 0.01755$$

$$BEC = 0.1303$$

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	348.16	0.0001	P	13.3
2	☐	1.000	0.882	2887.41	0.0006	P	0.6
3	☐	250.000	232.682	670716.59	0.1400	P	2.1
4	☐	625.000	636.016	1816498.39	0.3826	A	1.3
5	☐	1250.000	1261.638	3671024.45	0.7590	A	0.4
6	☐	2500.000	2517.181	7142063.64	1.5142	A	2.6
7	☐	5000.000	4987.989	14275383.77	3.0004	A	1.8
8	☐			8642.83	0.0019	P	30.7

$$y = 6.0150\text{E-}004 * x + 7.1915\text{E-}005$$

$$R = 1.0000$$

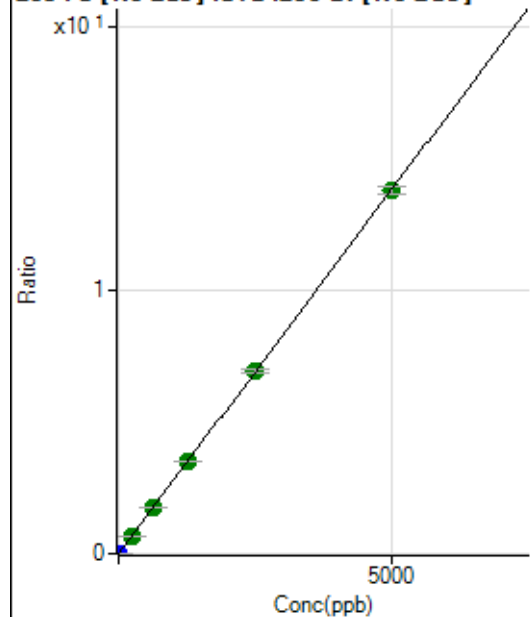
$$DL = 0.04784$$

$$BEC = 0.1196$$

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	1659.34	0.0003	P	4.9
2	☐	1.000	0.882	13308.47	0.0028	P	1.2
3	☐	250.000	240.199	3176117.30	0.6631	A	2.5
4	☐	625.000	631.658	8275006.66	1.7433	A	0.2
5	☐	1250.000	1261.294	16834435.33	3.4806	A	0.6
6	☐	2500.000	2521.510	32823200.74	6.9580	A	2.2
7	☐	5000.000	4986.079	65459627.62	13.7585	A	2.1
8	☐			40861.12	0.0090	P	31.3

$$y = 0.0028 * x + 3.4244\text{E-}004$$

$$R = 1.0000$$

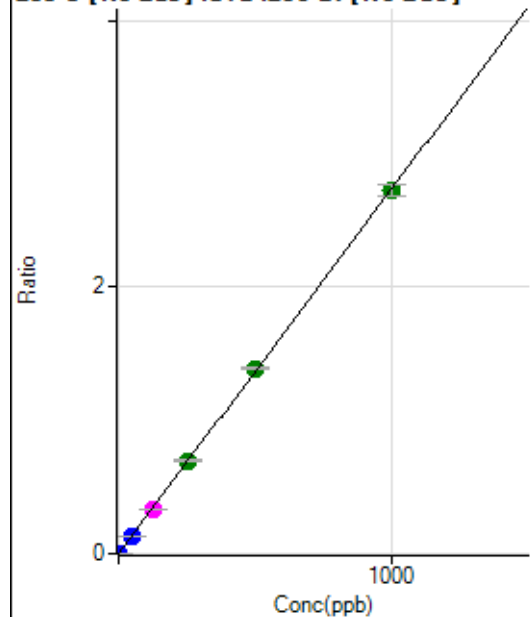
$$DL = 0.01807$$

$$BEC = 0.1241$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	41.67	0.0000	P	126.
2	☐	1.000	0.916	12056.05	0.0025	P	1.6
3	☐	50.000	46.699	612009.29	0.1278	P	1.8
4	☐	125.000	122.118	1586284.95	0.3341	M	2.4
5	☐	250.000	253.397	3352970.19	0.6933	A	2.2
6	☐	500.000	508.868	6568823.67	1.3922	A	1.2
7	☐	1000.000	995.242	12953918.78	2.7229	A	3.2
8	☐			4453.94	0.0010	P	60.2

$$y = 0.0027 * x + 8.6874E-006$$

$$R = 0.9999$$

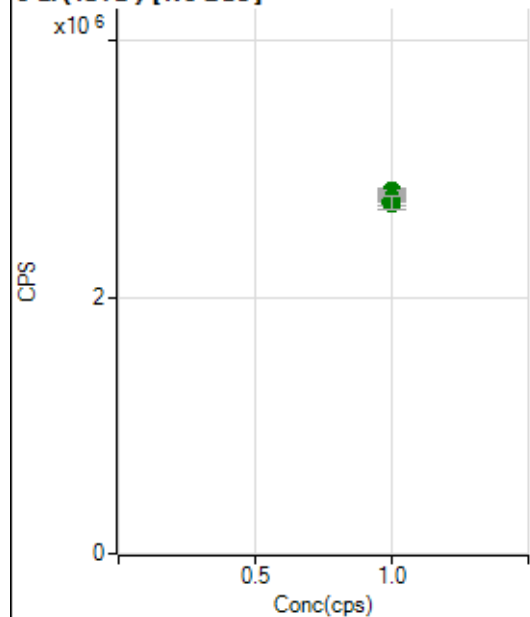
$$DL = 0.01203$$

$$BEC = 0.003175$$

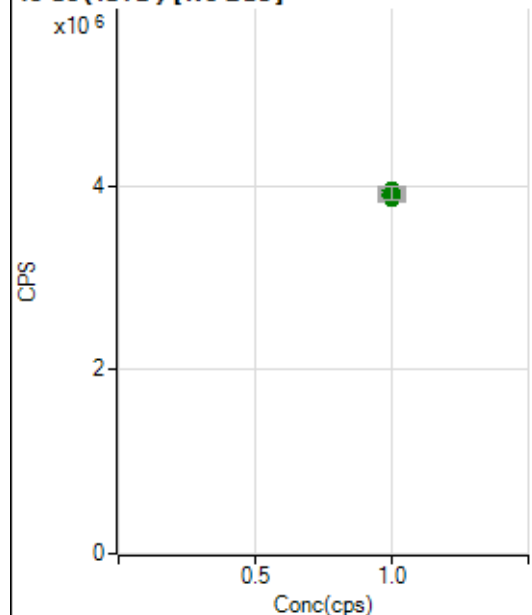
Weight: <None>

Min Conc: 0

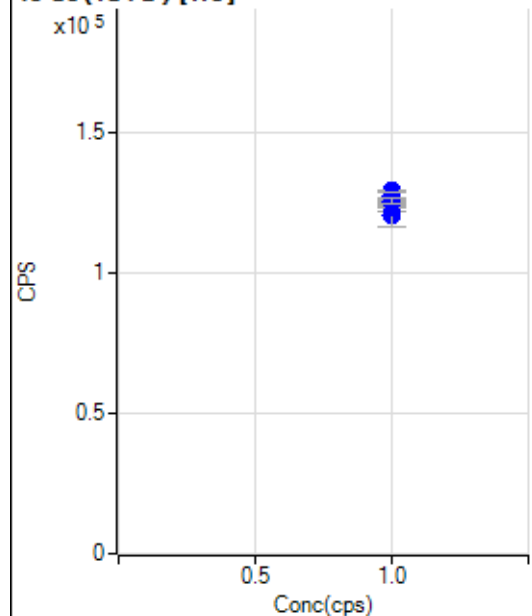
6 Li (ISTD) [No Gas]



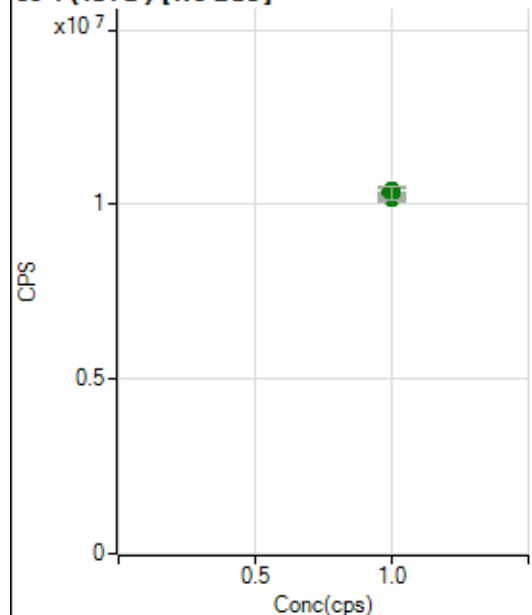
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2784334.31		A	1.7
2	☐	1.000		2827633.14		A	1.6
3	☐	1.000		2831354.42		A	0.7
4	☐	1.000		2781969.39		A	1.4
5	☐	1.000		2753639.13		A	0.7
6	☐	1.000		2736340.44		A	1.3
7	☐	1.000		2761909.37		A	0.9
8	☐	1.000		2741181.58		A	3.7

45 Sc (ISTD) [No Gas]

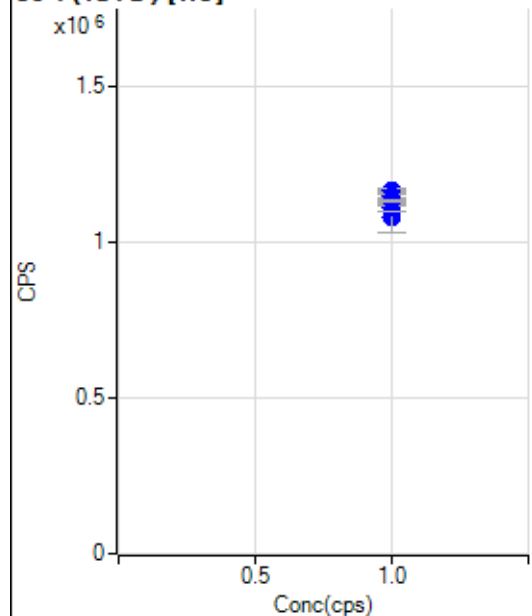
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3911698.48		A	1.9
2	☐	1.000		3934387.93		A	0.8
3	☐	1.000		3950153.55		A	1.2
4	☐	1.000		3919642.13		A	1.0
5	☐	1.000		3894155.05		A	1.6
6	☐	1.000		3882094.59		A	2.2
7	☐	1.000		3901616.89		A	1.8
8	☐	1.000		3919155.60		A	3.6

45 Sc (ISTD) [He]

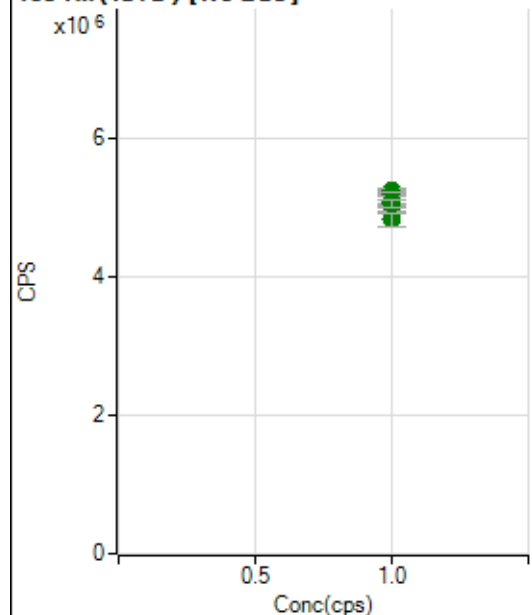
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		129145.20		P	0.8
2	☐	1.000		120801.44		P	7.4
3	☐	1.000		123582.37		P	2.9
4	☐	1.000		127575.16		P	1.7
5	☐	1.000		125033.74		P	0.4
6	☐	1.000		123397.49		P	0.8
7	☐	1.000		125588.43		P	1.0
8	☐	1.000		125551.61		P	1.4

89 Y (ISTD) [No Gas]

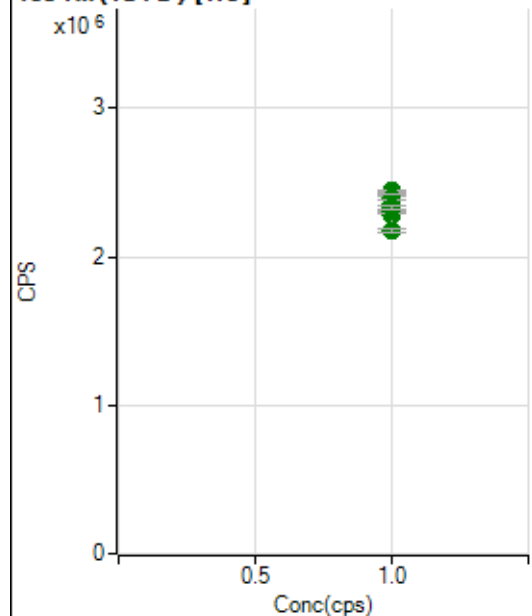
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10216261.31		A	1.6
2	☐	1.000		10393565.75		A	1.1
3	☐	1.000		10244605.13		A	1.3
4	☐	1.000		10217368.87		A	1.0
5	☐	1.000		10231250.13		A	1.8
6	☐	1.000		10173937.76		A	1.3
7	☐	1.000		10275782.90		A	1.2
8	☐	1.000		10343895.68		A	3.8

89 Y (ISTD) [He]

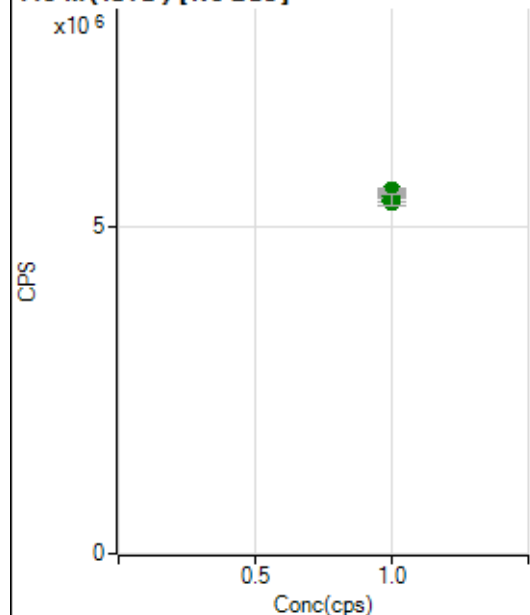
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1159694.16		P	0.7
2	☐	1.000		1078900.63		P	9.3
3	☐	1.000		1110371.99		P	2.5
4	☐	1.000		1163507.67		P	1.0
5	☐	1.000		1135777.01		P	0.4
6	☐	1.000		1125698.61		P	1.3
7	☐	1.000		1146902.34		P	0.9
8	☐	1.000		1134467.43		P	0.5

103 Rh (ISTD) [No Gas]

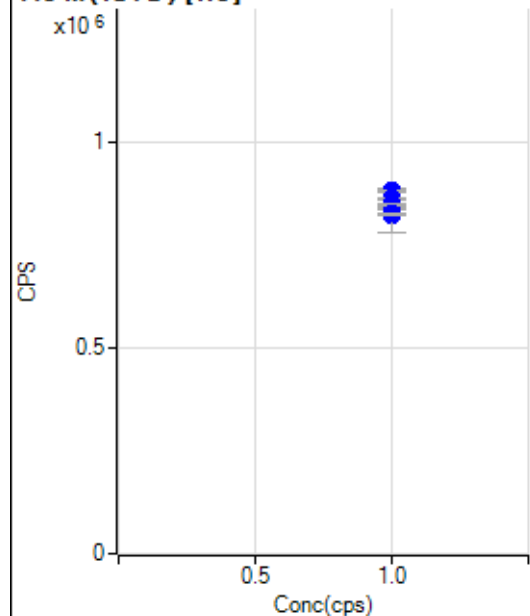
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5149344.30		A	2.0
2	☐	1.000		5232612.40		A	0.2
3	☐	1.000		5235949.90		A	1.1
4	☐	1.000		5187421.12		A	1.1
5	☐	1.000		5069368.21		A	1.0
6	☐	1.000		4989842.69		A	1.7
7	☐	1.000		5040750.63		A	2.1
8	☐	1.000		4818508.49		A	4.2

103 Rh (ISTD) [He]

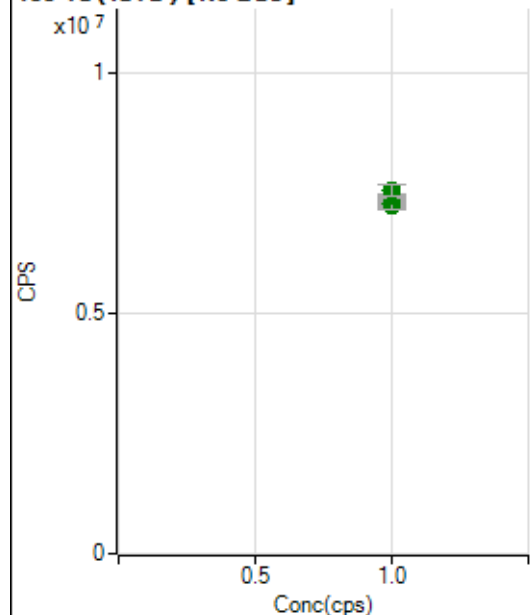
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2444255.07		A	0.8
2	☐	1.000		2284805.04		A	10.5
3	☐	1.000		2340255.31		A	3.3
4	☐	1.000		2399401.18		A	1.5
5	☐	1.000		2360697.03		A	1.4
6	☐	1.000		2307319.32		A	1.5
7	☐	1.000		2329544.31		A	1.1
8	☐	1.000		2173924.24		A	1.0

115 In (ISTD) [No Gas]

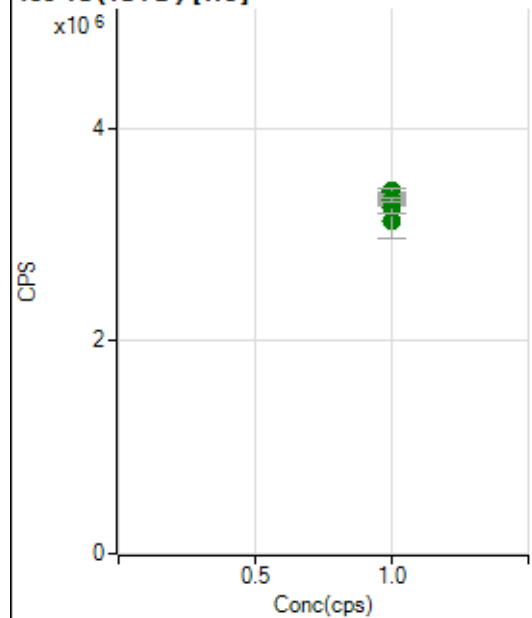
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5532904.60		A	0.1
2	☐	1.000		5501614.07		A	2.4
3	☐	1.000		5497010.28		A	1.2
4	☐	1.000		5469111.85		A	1.7
5	☐	1.000		5403662.44		A	0.8
6	☐	1.000		5366703.83		A	1.8
7	☐	1.000		5362959.06		A	2.2
8	☐	1.000		5398833.47		A	3.1

115 In (ISTD) [He]

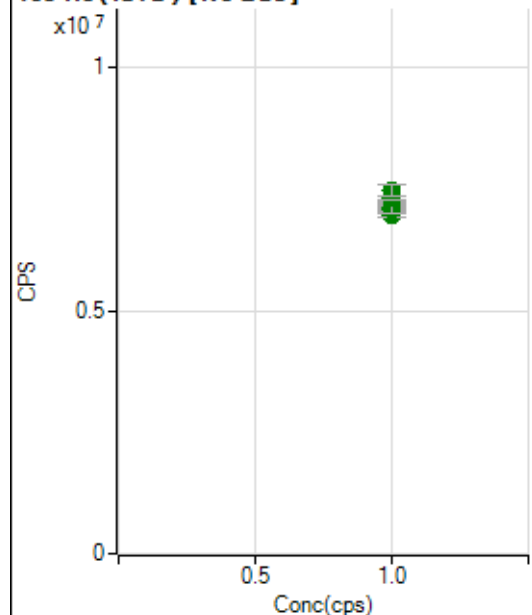
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		880473.91		P	0.9
2	☐	1.000		819077.52		P	10.2
3	☐	1.000		846655.72		P	2.6
4	☐	1.000		880358.86		P	0.7
5	☐	1.000		862285.39		P	0.3
6	☐	1.000		844640.38		P	0.9
7	☐	1.000		847030.43		P	0.5
8	☐	1.000		825543.39		P	0.5

159 Tb (ISTD) [No Gas]

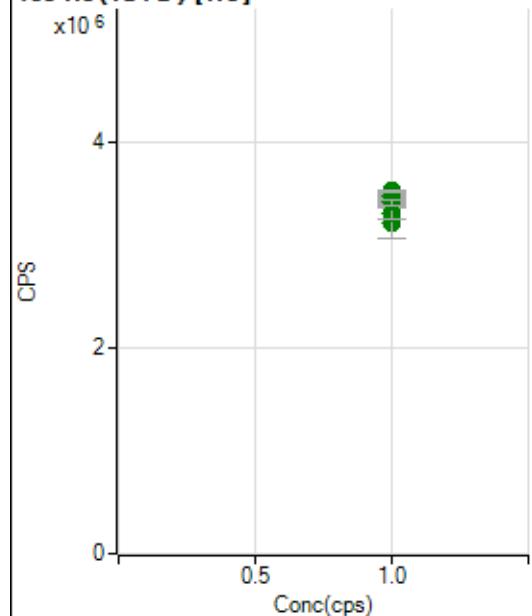
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7250158.02		A	1.4
2	☐	1.000		7347728.85		A	0.3
3	☐	1.000		7314280.52		A	0.1
4	☐	1.000		7257507.67		A	0.1
5	☐	1.000		7366223.92		A	2.0
6	☐	1.000		7268786.00		A	2.7
7	☐	1.000		7445348.02		A	1.3
8	☐	1.000		7554033.99		A	3.2

159 Tb (ISTD) [He]

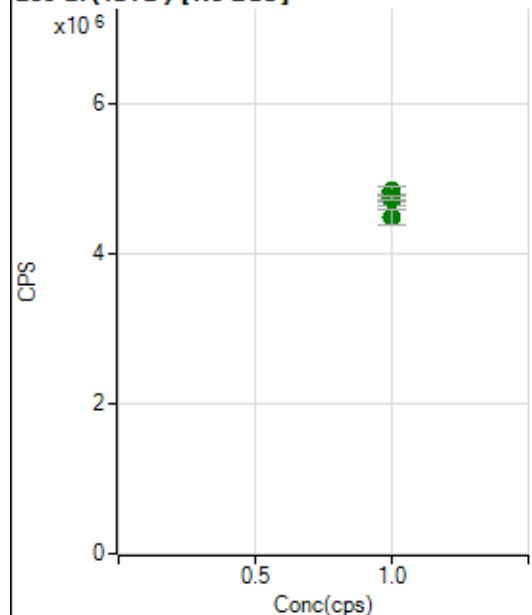
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3388782.48		A	0.5
2	☐	1.000		3122815.75		A	9.5
3	☐	1.000		3249485.13		A	2.9
4	☐	1.000		3400984.64		A	1.8
5	☐	1.000		3335910.33		A	1.4
6	☐	1.000		3355332.90		A	1.7
7	☐	1.000		3412688.04		A	1.7
8	☐	1.000		3327941.72		A	1.4

165 Ho (ISTD) [No Gas]

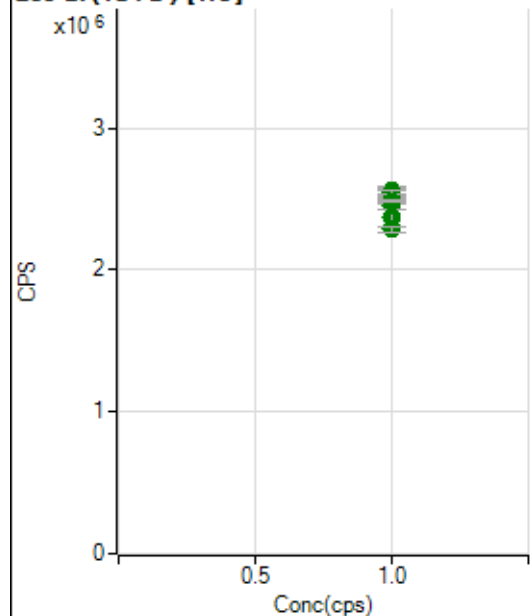
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7111898.42		A	1.0
2	☐	1.000		6975534.44		A	1.5
3	☐	1.000		7087208.66		A	0.7
4	☐	1.000		7071948.42		A	1.2
5	☐	1.000		7243963.62		A	0.9
6	☐	1.000		7136184.36		A	3.3
7	☐	1.000		7318425.17		A	1.2
8	☐	1.000		7460408.41		A	3.3

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3390402.24		A	1.0
2	☐	1.000		3214835.72		A	9.3
3	☐	1.000		3309250.30		A	3.4
4	☐	1.000		3449652.93		A	1.7
5	☐	1.000		3436765.95		A	1.8
6	☐	1.000		3475193.01		A	1.0
7	☐	1.000		3521390.57		A	0.6
8	☐	1.000		3415425.06		A	1.6

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4843187.05		A	2.0
2	☐	1.000		4792260.35		A	0.4
3	☐	1.000		4790305.90		A	0.9
4	☐	1.000		4746812.57		A	1.7
5	☐	1.000		4836945.80		A	2.3
6	☐	1.000		4719228.61		A	2.9
7	☐	1.000		4758454.62		A	1.1
8	☐	1.000		4502602.68		A	4.6

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2534323.73		A	3.4
2	☐	1.000		2369942.33		A	9.0
3	☐	1.000		2453073.03		A	1.8
4	☐	1.000		2557322.18		A	2.6
5	☐	1.000		2546956.18		A	1.0
6	☐	1.000		2485912.20		A	1.5
7	☐	1.000		2482770.50		A	0.6
8	☐	1.000		2286708.72		A	1.8

US EPA Tune Check Report

Operator Name Jaswal

Acq/Data Batch D:\Agilent\ICPMH\1\DATA\IP8061323-MS.b

Acq. Date-Time 2023-06-13 10:17:20

Report Comment ---

Instrument Name G8403A SG19224459

[No Gas]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
9		12188	121884.12			3.391	5.000
24		86492	864924.22			2.650	5.000
25		11682	116816.80			3.644	5.000
26		13330	133297.74			3.229	5.000
59		64390	643904.89			4.669	5.000
113		7205	72048.81			3.308	5.000
115		91246	912457.36			3.260	5.000
206		23242	232416.52			3.146	5.000
207		21050	210503.49			2.584	5.000
208		50581	505811.44			3.141	5.000
220		0	2.90			50.855	

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

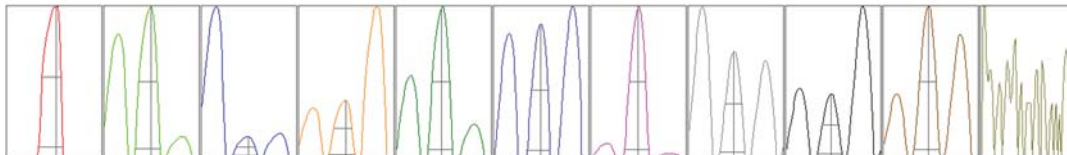
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	12185	12275	12669	11529	12284
24	87367	86217	89192	82915	86771
25	11664	11656	12281	11080	11728
26	13412	13302	13895	12687	13353
59	64349	63978	68872	60402	64352
113	7222	7138	7521	6863	7281
115	92157	91467	94895	86645	91065
206	23267	23065	24247	22210	23420
207	21192	20933	21761	20250	21116
208	50969	50129	52812	48398	50597

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	21456.26	9.10	8.90 - 9.10	
24	155233.41	24.00	23.90 - 24.10	
25	20730.92	25.00	24.90 - 25.10	
26	24186.71	26.00	25.90 - 26.10	
59	121710.97	58.95	58.90 - 59.10	
113	14446.54	113.00	112.90 - 113.10	
115	183890.09	115.00	114.90 - 115.10	
206	45774.22	205.95	205.90 - 206.10	
207	41890.04	206.95	206.90 - 207.10	
208	99475.96	207.95	207.90 - 208.10	
220			-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.59	0.763	0.900	
24	0.59	0.782	0.900	
25	0.59	0.782	0.900	
26	0.58	0.816	0.900	
59	0.55	0.774	0.900	
113	0.52	0.721	0.900	
115	0.51	0.764	0.900	
206	0.52	0.783	0.900	
207	0.51	0.776	0.900	
208	0.51	0.805	0.900	
220				

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode --- Nebulizer Gas 0.84 L/min Dilution Gas 0.40 L/min

US EPA Tune Check Report

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

Lens Parameters

Extract 1	-6.0 V	Omega Lens	11.0 V	Deflect	15.6 V
Extract 2	-195.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-100 V	Cell Exit	-50 V		

Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	4.0 V
He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	---	OctP RF	150 V		

QP Parameters

Mass Gain	124	Axis Gain	0.9992	QP Bias	-4.0 V
Mass Offset	125	Axis Offset	-0.01		

Hardware Settings

Torch

Torch H	1.1 mm	Torch V	-1.0 mm
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EM

Discriminator	4.5 mV	Analog HV	2319 V	Pulse HV	1684 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		13351	133506.44			2.194	
89		11074	110739.68			1.573	
205		17192	171916.98			1.924	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	13605	13591	13402	12892	13263
89	11237	11227	11108	10831	10968
205	17476	17546	17230	16837	16870

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	---	Nebulizer Gas	0.84 L/min	Dilution Gas	0.40 L/min
RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.40 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	10.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	-6.0 V	Omega Lens	11.0 V	Deflect	4.4 V
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US EPA Tune Check Report

Extract 2	-195.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-100 V	Cell Exit	-70 V		

Cell Parameters

Use Gas	Yes	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	4.5 mL/min	OctP Bias	-18.0 V		
H2 Flow	---	OctP RF	200 V		

QP Parameters

Mass Gain	124	Axis Gain	0.9992	QP Bias	-13.0 V
Mass Offset	125	Axis Offset	-0.01		

Hardware Settings

Torch

Torch H	1.1 mm	Torch V	-1.0 mm
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EM

Discriminator	4.5 mV	Analog HV	2319 V	Pulse HV	1684 V
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LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 11:31:42	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.29	-0.27	-0.02	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.01	0.00	0.00	0.00	N/A	ppb
Barium	135-1	0.03	0.00	-0.02	0.00	N/A	ppb
Barium	137-1	-0.01	0.00	0.01	0.00	N/A	ppb
Beryllium	9-1	0.00	-0.01	0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Cadmium	108-1	0.02	-0.09	0.07	0.00	N/A	ppb
Cadmium	106-1	4.17	-1.18	-2.99	0.00	N/A	ppb
Cadmium	111-1	0.18	-0.04	-0.14	0.00	N/A	ppb
Calcium	43-1	-0.70	1.40	-0.69	0.00	N/A	ppb
Calcium	44-1	3.06	-1.50	-1.56	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	-0.01	-0.01	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	-0.01	0.00	N/A	ppb
Copper	63-2	0.02	0.00	-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	54-2	0.27	0.20	-0.47	0.00	N/A	ppb
Iron	56-2	-0.20	0.07	0.14	0.00	N/A	ppb
Iron	57-2	-0.64	0.28	0.35	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.00	0.00	0.00	N/A	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 11:31:42	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	-0.01	-0.01	0.02	0.00	N/A	ppb
Lead	208-1	0.00	0.01	-0.01	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.77	-0.09	0.86	0.00	N/A	ppb
Manganese	55-2	0.01	0.01	-0.02	0.00	N/A	ppb
Molybdenum	94-1	-0.02	-0.01	0.02	0.00	N/A	ppb
Molybdenum	95-1	0.01	-0.01	0.01	0.00	N/A	ppb
Molybdenum	96-1	0.00	-0.01	0.01	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.01	-0.01	0.00	N/A	ppb
Molybdenum	98-1	0.01	-0.01	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.03	0.02	0.00	N/A	ppb
Phosphorus	31-2	8.36	10.40	-35.99	-5.74		ppb
Potassium	39-2	-6.71	8.42	-1.71	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	-0.04	0.13	-0.09	0.00	N/A	ppb
Selenium	77-2	-0.92	1.84	-0.92	0.00	N/A	ppb
Selenium	78-2	0.19	0.02	-0.21	0.00	N/A	ppb
Silicon	28-1	0.27	-0.32	0.05	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	109-1	0.01	0.00	-0.01	0.00	N/A	ppb
Sodium	23-2	0.55	-0.34	-0.21	0.00	N/A	ppb
Strontium	86-1	0.02	-0.04	0.02	0.00	N/A	ppb
Strontium	88-1	0.04	-0.02	-0.02	0.00	N/A	ppb
Sulfur	34-1	507.36	-496.06	-27.95	-5.55		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	0.00	-0.02	0.01	0.00	N/A	ppb
Titanium	47-1	0.05	-0.03	-0.02	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 11:31:42	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.08	0.02	-0.10	0.00	N/A	ppb
Zirconium	90-1	0.00	-0.01	0.01	0.00	N/A	ppb
Zirconium	91-1	-0.01	0.00	0.01	0.00	N/A	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 11:34:44	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.17	23.67	21.20	21.68	8.29	ppb
Antimony	121-1	1.98	1.91	1.78	1.89	5.10	ppb
Arsenic	75-2	1.06	1.13	0.92	1.03	10.15	ppb
Barium	135-1	9.60	9.96	10.20	9.92	3.05	ppb
Barium	137-1	9.60	9.48	9.47	9.52	0.75	ppb
Beryllium	9-1	1.07	1.11	1.06	1.08	2.73	ppb
Bismuth	209-1				99		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Cadmium	108-1	1.05	1.22	1.27	1.18	9.82	ppb
Cadmium	106-1	1.80	-0.71	-1.32	-0.08		ppb
Cadmium	111-1	1.06	0.93	1.00	0.99	6.38	ppb
Calcium	43-1	500.22	488.68	482.88	490.59	1.80	ppb
Calcium	44-1	496.91	496.34	486.78	493.34	1.15	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.94	2.39	2.08	2.13	10.64	ppb
Cobalt	59-2	1.03	1.12	1.06	1.07	4.02	ppb
Copper	63-2	1.94	2.35	2.05	2.12	10.00	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				98		%
Holmium	165-2				95		%
Indium	115-1				99		%
Indium	115-2				93		%
Iron	54-2	46.95	63.71	54.32	54.99	15.27	ppb
Iron	56-2	50.50	59.35	53.28	54.38	8.32	ppb
Iron	57-2	51.00	62.14	58.65	57.26	9.95	ppb
Krypton	83-1						cps
Lead	206-1	0.93	0.84	0.92	0.90	5.64	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 11:34:44	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.87	0.89	0.88	0.88	0.74	ppb
Lead	208-1	0.87	0.88	0.90	0.88	1.35	ppb
Lithium	6-1				102		%
Magnesium	24-2	496.15	591.06	508.36	531.86	9.71	ppb
Manganese	55-2	1.12	1.21	1.01	1.11	9.03	ppb
Molybdenum	94-1	5.65	5.52	5.48	5.55	1.66	ppb
Molybdenum	95-1	4.67	4.74	4.73	4.71	0.86	ppb
Molybdenum	96-1	4.69	4.85	4.53	4.69	3.38	ppb
Molybdenum	97-1	4.53	4.83	4.95	4.77	4.55	ppb
Molybdenum	98-1	4.53	4.57	4.73	4.61	2.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.03	1.27	1.21	1.17	10.67	ppb
Phosphorus	31-2	-26.47	61.97	-18.27	5.74	850.75	ppb
Potassium	39-2	493.80	625.29	514.17	544.42	13.00	ppb
Rhodium	103-1				102		%
Rhodium	103-2				93		%
Scandium	45-1				101		%
Scandium	45-2				94		%
Selenium	82-1	4.28	5.63	5.20	5.04	13.63	ppb
Selenium	77-2	1.86	-0.92	6.32	2.42	150.93	ppb
Selenium	78-2	5.21	5.35	4.81	5.12	5.53	ppb
Silicon	28-1	0.82	0.91	0.54	0.75	25.35	ppb
Silver	107-1	0.94	0.92	1.02	0.96	5.63	ppb
Silver	109-1	0.95	0.94	1.04	0.98	5.61	ppb
Sodium	23-2	496.94	602.82	518.82	539.53	10.36	ppb
Strontium	86-1	1.07	1.02	0.97	1.02	4.60	ppb
Strontium	88-1	0.93	0.96	1.01	0.97	4.07	ppb
Sulfur	34-1	132.23	149.13	-264.71	5.55	4220.77	ppb
Terbium	159-1				101		%
Terbium	159-2				92		%
Thallium	203-1	0.97	0.89	0.83	0.90	8.23	ppb
Thallium	205-1	1.00	0.92	1.00	0.97	4.69	ppb
Tin	118-1	4.80	4.96	4.76	4.84	2.15	ppb
Titanium	47-1	4.96	5.37	4.48	4.94	9.08	ppb
Uranium	238-1	0.90	0.93	0.91	0.92	1.62	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 11:34:44	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	4.91	5.55	5.35	5.27	6.15	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				93		%
Zinc	66-2	1.85	2.58	2.05	2.16	17.45	ppb
Zirconium	90-1	0.85	0.91	0.84	0.87	4.34	ppb
Zirconium	91-1	0.86	0.89	0.82	0.86	3.98	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 11:37:49	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1100.89	1103.20	1040.00	1081.36	3.31	ppb
Antimony	121-1	48.15	49.00	50.19	49.11	2.09	ppb
Arsenic	75-2	53.92	55.07	51.62	53.54	3.27	ppb
Barium	135-1	243.35	242.54	252.05	245.98	2.14	ppb
Barium	137-1	245.68	246.71	251.36	247.92	1.22	ppb
Beryllium	9-1	51.63	51.43	51.78	51.61	0.34	ppb
Bismuth	209-1				99		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Cadmium	108-1	52.74	53.14	52.03	52.64	1.07	ppb
Cadmium	106-1	53.02	53.72	48.00	51.58	6.05	ppb
Cadmium	111-1	52.42	53.06	52.92	52.80	0.64	ppb
Calcium	43-1	5546.08	5770.32	5714.28	5676.89	2.06	ppb
Calcium	44-1	5261.45	5403.81	5434.95	5366.73	1.72	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	52.94	53.11	49.46	51.84	3.97	ppb
Cobalt	59-2	52.66	51.27	48.92	50.95	3.72	ppb
Copper	63-2	525.94	529.59	500.55	518.69	3.05	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				98		%
Indium	115-1				99		%
Indium	115-2				96		%
Iron	54-2	2752.89	2728.64	2620.24	2700.59	2.62	ppb
Iron	56-2	2881.37	2878.82	2742.05	2834.08	2.81	ppb
Iron	57-2	2718.01	2690.34	2544.90	2651.09	3.51	ppb
Krypton	83-1						cps
Lead	206-1	225.80	229.93	236.74	230.82	2.39	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 11:37:49	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	229.33	230.40	238.31	232.68	2.11	ppb
Lead	208-1	234.54	239.69	246.36	240.20	2.47	ppb
Lithium	6-1				102		%
Magnesium	24-2	5539.67	5556.77	5238.39	5444.95	3.29	ppb
Manganese	55-2	519.02	520.73	493.99	511.25	2.93	ppb
Molybdenum	94-1	499.37	496.35	512.88	502.87	1.75	ppb
Molybdenum	95-1	491.05	485.41	504.30	493.59	1.96	ppb
Molybdenum	96-1	489.66	485.35	505.73	493.58	2.18	ppb
Molybdenum	97-1	493.51	498.26	515.12	502.30	2.26	ppb
Molybdenum	98-1	502.53	501.59	524.84	509.66	2.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	54.43	55.09	51.49	53.67	3.57	ppb
Phosphorus	31-2	1104.03	1062.33	1002.78	1056.38	4.82	ppb
Potassium	39-2	2661.58	2679.88	2534.59	2625.35	3.01	ppb
Rhodium	103-1				102		%
Rhodium	103-2				96		%
Scandium	45-1				101		%
Scandium	45-2				96		%
Selenium	82-1	51.82	51.50	52.94	52.08	1.45	ppb
Selenium	77-2	63.87	43.21	56.91	54.66	19.23	ppb
Selenium	78-2	54.96	57.64	48.51	53.70	8.74	ppb
Silicon	28-1	53.91	56.49	56.05	55.48	2.49	ppb
Silver	107-1	50.99	51.77	51.26	51.34	0.77	ppb
Silver	109-1	51.56	51.93	51.56	51.68	0.41	ppb
Sodium	23-2	5502.04	5497.48	5238.32	5412.61	2.79	ppb
Strontium	86-1	1288.55	1287.95	1304.52	1293.67	0.73	ppb
Strontium	88-1	1248.06	1256.45	1264.21	1256.24	0.64	ppb
Sulfur	34-1	802.62	1562.84	937.61	1101.02	36.84	ppb
Terbium	159-1				101		%
Terbium	159-2				96		%
Thallium	203-1	46.62	46.95	47.37	46.98	0.80	ppb
Thallium	205-1	47.46	47.45	49.39	48.10	2.33	ppb
Tin	118-1	49.26	48.96	49.74	49.32	0.80	ppb
Titanium	47-1	489.57	503.88	503.43	498.96	1.63	ppb
Uranium	238-1	45.86	46.64	47.59	46.70	1.85	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 11:37:49	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	52.80	51.83	49.49	51.37	3.31	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				96		%
Zinc	66-2	535.69	531.94	501.41	523.01	3.60	ppb
Zirconium	90-1	48.93	49.43	50.27	49.54	1.37	ppb
Zirconium	91-1	47.35	47.85	49.30	48.17	2.11	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 11:40:49	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2584.10	2610.46	2551.54	2582.03	1.14	ppb
Antimony	121-1	122.30	123.43	125.31	123.68	1.23	ppb
Arsenic	75-2	129.44	126.49	120.18	125.37	3.77	ppb
Barium	135-1	605.12	612.06	629.88	615.69	2.07	ppb
Barium	137-1	614.76	623.23	630.17	622.72	1.24	ppb
Beryllium	9-1	130.86	128.59	128.83	129.43	0.97	ppb
Bismuth	209-1				98		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Cadmium	108-1	128.58	131.33	132.98	130.96	1.70	ppb
Cadmium	106-1	125.72	133.54	129.50	129.58	3.02	ppb
Cadmium	111-1	133.32	129.56	132.08	131.65	1.46	ppb
Calcium	43-1	13895.50	14366.49	14124.92	14128.97	1.67	ppb
Calcium	44-1	13562.91	13687.23	13712.86	13654.33	0.59	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	124.51	128.90	123.52	125.64	2.28	ppb
Cobalt	59-2	121.40	124.73	121.22	122.45	1.62	ppb
Copper	63-2	1306.80	1346.48	1262.35	1305.21	3.22	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				99		%
Holmium	165-2				102		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	54-2	6466.15	6731.39	6410.03	6535.86	2.63	ppb
Iron	56-2	6647.20	6713.20	6579.64	6646.68	1.00	ppb
Iron	57-2	6272.39	6591.97	6247.22	6370.53	3.02	ppb
Krypton	83-1						cps
Lead	206-1	643.91	624.57	638.06	635.51	1.56	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 11:40:49	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	627.94	644.80	635.31	636.02	1.33	ppb
Lead	208-1	631.50	633.02	630.45	631.66	0.20	ppb
Lithium	6-1				100		%
Magnesium	24-2	13204.21	13436.84	13116.46	13252.51	1.25	ppb
Manganese	55-2	1199.04	1252.85	1194.32	1215.41	2.68	ppb
Molybdenum	94-1	1246.21	1269.76	1278.52	1264.83	1.32	ppb
Molybdenum	95-1	1232.44	1245.47	1278.35	1252.09	1.89	ppb
Molybdenum	96-1	1230.44	1296.69	1259.03	1262.05	2.63	ppb
Molybdenum	97-1	1227.01	1279.62	1263.36	1256.66	2.14	ppb
Molybdenum	98-1	1253.14	1274.84	1266.68	1264.89	0.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	128.87	133.92	125.59	129.46	3.24	ppb
Phosphorus	31-2	2574.85	2647.75	2566.91	2596.50	1.72	ppb
Potassium	39-2	6206.38	6326.16	6156.61	6229.72	1.40	ppb
Rhodium	103-1				101		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	82-1	124.44	131.79	133.99	130.07	3.84	ppb
Selenium	77-2	154.01	130.53	145.89	143.48	8.31	ppb
Selenium	78-2	134.74	127.10	122.45	128.10	4.84	ppb
Silicon	28-1	136.28	142.10	141.54	139.98	2.29	ppb
Silver	107-1	125.92	126.77	129.20	127.30	1.34	ppb
Silver	109-1	123.98	126.78	129.39	126.72	2.14	ppb
Sodium	23-2	13137.23	13515.44	13081.96	13244.88	1.78	ppb
Strontium	86-1	3098.01	3264.86	3204.58	3189.15	2.65	ppb
Strontium	88-1	3063.00	3244.97	3154.56	3154.17	2.88	ppb
Sulfur	34-1	2147.07	2396.92	1957.29	2167.10	10.17	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	120.50	117.95	120.86	119.77	1.33	ppb
Thallium	205-1	123.70	121.20	121.83	122.24	1.06	ppb
Tin	118-1	125.05	125.04	126.41	125.50	0.63	ppb
Titanium	47-1	1233.18	1270.31	1256.42	1253.30	1.50	ppb
Uranium	238-1	119.20	125.11	122.04	122.12	2.42	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 11:40:49	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	123.14	124.72	122.21	123.36	1.03	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	1251.86	1277.56	1235.86	1255.09	1.68	ppb
Zirconium	90-1	120.87	123.64	124.33	122.95	1.49	ppb
Zirconium	91-1	120.00	122.99	121.85	121.61	1.24	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 11:43:50	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5327.86	5291.40	5235.74	5285.00	0.88	ppb
Antimony	121-1	248.99	246.81	250.45	248.75	0.74	ppb
Arsenic	75-2	257.06	254.46	254.76	255.43	0.56	ppb
Barium	135-1	1260.34	1236.72	1260.24	1252.43	1.09	ppb
Barium	137-1	1290.10	1272.51	1319.28	1293.96	1.83	ppb
Beryllium	9-1	259.77	259.69	261.45	260.30	0.38	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Cadmium	108-1	248.68	247.94	266.19	254.27	4.06	ppb
Cadmium	106-1	260.55	254.57	253.61	256.24	1.47	ppb
Cadmium	111-1	263.53	253.68	263.70	260.30	2.20	ppb
Calcium	43-1	28289.68	28452.56	28956.88	28566.37	1.22	ppb
Calcium	44-1	27573.35	27418.56	27667.20	27553.04	0.46	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	255.39	255.15	256.16	255.57	0.21	ppb
Cobalt	59-2	249.76	250.91	245.75	248.81	1.09	ppb
Copper	63-2	2646.06	2617.74	2581.12	2614.97	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				102		%
Holmium	165-2				101		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	54-2	13326.10	13298.81	13331.47	13318.80	0.13	ppb
Iron	56-2	13712.42	13654.21	13801.08	13722.57	0.54	ppb
Iron	57-2	13069.83	12987.63	12893.05	12983.50	0.68	ppb
Krypton	83-1						cps
Lead	206-1	1281.55	1263.80	1260.75	1268.70	0.89	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 11:43:50	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1261.31	1266.98	1256.62	1261.64	0.41	ppb
Lead	208-1	1268.26	1261.59	1254.03	1261.29	0.56	ppb
Lithium	6-1				99		%
Magnesium	24-2	27089.37	26693.54	26877.92	26886.94	0.74	ppb
Manganese	55-2	2638.07	2604.22	2512.97	2585.09	2.50	ppb
Molybdenum	94-1	2508.98	2532.35	2602.39	2547.90	1.91	ppb
Molybdenum	95-1	2484.65	2474.30	2570.23	2509.73	2.10	ppb
Molybdenum	96-1	2540.81	2499.10	2500.97	2513.63	0.94	ppb
Molybdenum	97-1	2584.98	2509.09	2573.07	2555.71	1.60	ppb
Molybdenum	98-1	2480.72	2506.80	2591.33	2526.28	2.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	263.66	264.14	259.83	262.54	0.90	ppb
Phosphorus	31-2	5230.99	5209.63	5433.97	5291.53	2.34	ppb
Potassium	39-2	12742.40	12659.80	12650.37	12684.19	0.40	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				100		%
Scandium	45-2				97		%
Selenium	82-1	256.61	261.36	270.66	262.88	2.72	ppb
Selenium	77-2	260.74	251.76	277.68	263.39	5.00	ppb
Selenium	78-2	259.01	269.31	265.79	264.70	1.98	ppb
Silicon	28-1	291.55	296.37	304.72	297.54	2.24	ppb
Silver	107-1	253.36	249.60	255.33	252.76	1.15	ppb
Silver	109-1	255.48	246.97	255.21	252.55	1.92	ppb
Sodium	23-2	26719.69	26782.04	26821.32	26774.35	0.19	ppb
Strontium	86-1	6350.73	6276.30	6466.14	6364.39	1.50	ppb
Strontium	88-1	6254.39	6287.13	6498.29	6346.60	2.09	ppb
Sulfur	34-1	4801.45	4926.37	5356.88	5028.23	5.80	ppb
Terbium	159-1				102		%
Terbium	159-2				98		%
Thallium	203-1	243.19	237.05	236.13	238.79	1.61	ppb
Thallium	205-1	261.58	252.91	254.11	256.20	1.83	ppb
Tin	118-1	248.78	251.27	251.27	250.44	0.58	ppb
Titanium	47-1	2539.82	2570.11	2591.73	2567.22	1.02	ppb
Uranium	238-1	255.69	247.02	257.49	253.40	2.21	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 11:43:50	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	254.18	253.36	251.02	252.85	0.65	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				98		%
Zinc	66-2	2544.78	2544.19	2522.28	2537.08	0.51	ppb
Zirconium	90-1	255.68	254.86	258.99	256.51	0.85	ppb
Zirconium	91-1	247.16	248.65	252.57	249.46	1.12	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 11:46:48	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10541.87	10500.87	10600.68	10547.81	0.48	ppb
Antimony	121-1	529.32	497.46	497.51	508.10	3.62	ppb
Arsenic	75-2	517.21	510.43	517.32	514.99	0.77	ppb
Barium	135-1	2636.93	2493.68	2582.25	2570.95	2.81	ppb
Barium	137-1	2583.08	2484.23	2532.80	2533.37	1.95	ppb
Beryllium	9-1	513.70	509.45	502.35	508.50	1.13	ppb
Bismuth	209-1				97		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Cadmium	108-1	515.08	520.04	527.69	520.94	1.22	ppb
Cadmium	106-1	536.27	517.00	509.56	520.95	2.65	ppb
Cadmium	111-1	535.22	505.73	529.85	523.60	3.00	ppb
Calcium	43-1	57885.41	56320.65	56665.86	56957.31	1.44	ppb
Calcium	44-1	56371.97	55132.31	53957.76	55154.01	2.19	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	513.44	511.57	516.58	513.86	0.49	ppb
Cobalt	59-2	494.01	501.70	509.83	501.85	1.58	ppb
Copper	63-2	5224.13	5189.53	5274.03	5229.23	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				100		%
Holmium	165-2				103		%
Indium	115-1				97		%
Indium	115-2				96		%
Iron	54-2	26601.55	26631.00	27102.93	26778.49	1.05	ppb
Iron	56-2	27390.17	27390.76	27678.84	27486.59	0.61	ppb
Iron	57-2	25882.40	26120.58	26545.40	26182.80	1.28	ppb
Krypton	83-1						cps
Lead	206-1	2585.43	2507.66	2445.05	2512.71	2.80	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 11:46:48	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2589.81	2500.93	2460.80	2517.18	2.62	ppb
Lead	208-1	2568.58	2535.98	2459.98	2521.51	2.21	ppb
Lithium	6-1				98		%
Magnesium	24-2	52221.99	52740.22	53480.91	52814.37	1.20	ppb
Manganese	55-2	5195.54	5177.87	5266.30	5213.24	0.90	ppb
Molybdenum	94-1	5043.19	5121.95	4980.92	5048.69	1.40	ppb
Molybdenum	95-1	5058.02	5004.66	5014.50	5025.73	0.56	ppb
Molybdenum	96-1	5114.69	5020.74	5031.07	5055.50	1.02	ppb
Molybdenum	97-1	5087.66	5024.22	4972.35	5028.08	1.15	ppb
Molybdenum	98-1	5144.00	5136.64	5019.54	5100.06	1.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	518.33	520.09	528.66	522.36	1.06	ppb
Phosphorus	31-2	10212.39	10189.12	10517.36	10306.29	1.78	ppb
Potassium	39-2	26203.16	26396.05	26162.49	26253.90	0.48	ppb
Rhodium	103-1				97		%
Rhodium	103-2				94		%
Scandium	45-1				99		%
Scandium	45-2				96		%
Selenium	82-1	521.13	508.35	508.87	512.79	1.41	ppb
Selenium	77-2	509.49	479.16	535.97	508.21	5.59	ppb
Selenium	78-2	547.66	522.46	519.28	529.80	2.93	ppb
Silicon	28-1	597.39	571.47	589.08	585.98	2.26	ppb
Silver	107-1	524.57	496.50	516.50	512.53	2.82	ppb
Silver	109-1	530.53	506.27	528.14	521.65	2.56	ppb
Sodium	23-2	52889.86	52798.96	52046.23	52578.35	0.88	ppb
Strontium	86-1	13042.08	12741.89	12561.88	12781.95	1.90	ppb
Strontium	88-1	12697.13	12583.67	12473.69	12584.83	0.89	ppb
Sulfur	34-1	11220.90	9810.92	9741.86	10257.89	8.14	ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	528.94	512.99	497.17	513.04	3.10	ppb
Thallium	205-1	516.61	507.09	492.02	505.24	2.45	ppb
Tin	118-1	524.44	505.40	510.50	513.45	1.92	ppb
Titanium	47-1	5119.80	5151.85	5015.68	5095.78	1.40	ppb
Uranium	238-1	514.32	509.78	502.50	508.87	1.17	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 11:46:48	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	513.07	509.75	516.87	513.23	0.69	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				97		%
Zinc	66-2	5027.59	5040.01	5097.89	5055.16	0.74	ppb
Zirconium	90-1	522.69	514.34	515.58	517.54	0.87	ppb
Zirconium	91-1	507.34	495.31	502.97	501.87	1.21	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 11:49:49	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20267.70	20471.70	20351.44	20363.61	0.50	ppb
Antimony	121-1	967.60	1004.49	1017.34	996.47	2.59	ppb
Arsenic	75-2	988.81	999.94	984.03	990.93	0.82	ppb
Barium	135-1	4936.71	4969.90	4989.22	4965.28	0.53	ppb
Barium	137-1	4872.26	5027.94	5017.95	4972.71	1.75	ppb
Beryllium	9-1	975.48	993.61	1008.52	992.54	1.67	ppb
Bismuth	209-1				98		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Cadmium	108-1	956.01	1004.35	1002.41	987.59	2.77	ppb
Cadmium	106-1	966.07	1012.99	982.88	987.32	2.41	ppb
Cadmium	111-1	958.18	997.32	998.45	984.65	2.33	ppb
Calcium	43-1	114458.43	120393.59	117365.84	117405.95	2.53	ppb
Calcium	44-1	102341.47	108352.34	107563.70	106085.84	3.08	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	987.40	993.01	994.10	991.50	0.36	ppb
Cobalt	59-2	983.19	1012.18	1003.57	999.65	1.49	ppb
Copper	63-2	9880.24	9837.33	9828.85	9848.81	0.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				104		%
Indium	115-1				97		%
Indium	115-2				96		%
Iron	54-2	53515.65	54268.66	54081.85	53955.39	0.73	ppb
Iron	56-2	52864.73	53195.51	52246.14	52768.79	0.91	ppb
Iron	57-2	49756.27	50571.78	49844.83	50057.63	0.89	ppb
Krypton	83-1						cps
Lead	206-1	4805.06	5091.37	5069.41	4988.61	3.19	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 11:49:49	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	4887.45	5029.38	5047.14	4987.99	1.75	ppb
Lead	208-1	4865.38	5040.65	5052.21	4986.08	2.10	ppb
Lithium	6-1				99		%
Magnesium	24-2	103158.73	102948.95	103450.09	103185.92	0.24	ppb
Manganese	55-2	9840.93	9884.30	9902.38	9875.87	0.32	ppb
Molybdenum	94-1	9625.20	10108.24	10151.62	9961.68	2.93	ppb
Molybdenum	95-1	9592.63	10107.42	10254.24	9984.76	3.48	ppb
Molybdenum	96-1	9612.85	10129.70	10160.42	9967.66	3.09	ppb
Molybdenum	97-1	9688.01	10084.36	10140.89	9971.09	2.47	ppb
Molybdenum	98-1	9531.74	10164.31	10127.12	9941.06	3.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	986.37	989.72	978.74	984.94	0.57	ppb
Phosphorus	31-2	19932.27	20201.38	19143.62	19759.09	2.78	ppb
Potassium	39-2	50172.05	50280.22	50229.76	50227.34	0.11	ppb
Rhodium	103-1				98		%
Rhodium	103-2				95		%
Scandium	45-1				100		%
Scandium	45-2				97		%
Selenium	82-1	965.88	998.84	1004.23	989.65	2.10	ppb
Selenium	77-2	948.07	1019.21	1002.77	990.02	3.76	ppb
Selenium	78-2	977.52	980.67	984.36	980.85	0.35	ppb
Silicon	28-1	925.75	955.04	948.42	943.07	1.63	ppb
Silver	107-1	966.03	1018.18	993.86	992.69	2.63	ppb
Silver	109-1	959.76	1017.91	987.04	988.24	2.94	ppb
Sodium	23-2	102020.11	103758.00	102203.26	102660.46	0.93	ppb
Strontium	86-1	24670.47	25140.83	24605.77	24805.69	1.18	ppb
Strontium	88-1	24617.01	25494.50	24630.51	24914.01	2.02	ppb
Sulfur	34-1	19063.13	20814.58	19823.96	19900.56	4.41	ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	965.37	1011.49	1014.41	997.09	2.76	ppb
Thallium	205-1	968.72	995.88	1024.20	996.27	2.78	ppb
Tin	118-1	975.81	1005.67	997.94	993.14	1.56	ppb
Titanium	47-1	9739.27	10015.95	10049.61	9934.95	1.71	ppb
Uranium	238-1	959.82	1005.41	1020.49	995.24	3.17	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 11:49:49	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	984.50	1001.35	992.58	992.81	0.85	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	9829.18	9962.95	10091.95	9961.36	1.32	ppb
Zirconium	90-1	956.55	990.89	1022.21	989.88	3.32	ppb
Zirconium	91-1	962.40	1004.92	1031.82	999.71	3.50	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 11:52:47	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	102108.34	99877.30	97580.51	99855.38	2.27	ppb
Antimony	121-1	0.76	1.12	0.73	0.87	24.99	ppb
Arsenic	75-2	0.38	0.34	0.53	0.42	23.63	ppb
Barium	135-1	3.38	5.16	3.43	3.99	25.44	ppb
Barium	137-1	3.31	5.29	3.33	3.98	28.49	ppb
Beryllium	9-1	0.87	1.06	0.69	0.88	21.02	ppb
Bismuth	209-1				93		%
Bismuth	209-2				90		%
Bromine	81-1						cps
Cadmium	108-1	1.35	1.07	0.83	1.08	24.13	ppb
Cadmium	106-1	-2.50	1.34	-0.98	-0.72		ppb
Cadmium	111-1	0.46	0.95	0.47	0.62	44.79	ppb
Calcium	43-1	500041.36	482694.56	504055.91	495597.28	2.29	ppb
Calcium	44-1	503560.91	481828.81	508932.06	498107.26	2.88	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.29	4.38	4.54	4.41	2.86	ppb
Cobalt	59-2	2.37	2.38	2.31	2.35	1.60	ppb
Copper	63-2	2.94	2.91	2.92	2.92	0.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				101		%
Indium	115-1				98		%
Indium	115-2				94		%
Iron	54-2	251800.16	250749.19	244393.59	248980.98	1.61	ppb
Iron	56-2	256374.72	248099.15	242895.71	249123.19	2.73	ppb
Iron	57-2	253513.14	254154.11	241857.23	249841.49	2.77	ppb
Krypton	83-1						cps
Lead	206-1	2.68	4.29	2.64	3.20	29.26	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 11:52:47	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2.43	4.16	2.53	3.04	31.91	ppb
Lead	208-1	2.58	4.31	2.51	3.13	32.52	ppb
Lithium	6-1				98		%
Magnesium	24-2	514432.14	499947.43	482511.64	498963.74	3.20	ppb
Manganese	55-2	6.65	6.74	6.21	6.53	4.28	ppb
Molybdenum	94-1	5.45	8.33	3.61	5.80	41.08	ppb
Molybdenum	95-1	3.64	8.01	3.62	5.09	49.74	ppb
Molybdenum	96-1	5.36	9.41	4.72	6.50	39.16	ppb
Molybdenum	97-1	4.04	7.76	3.43	5.08	46.17	ppb
Molybdenum	98-1	4.84	7.64	3.59	5.36	38.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.60	4.76	4.67	4.68	1.72	ppb
Phosphorus	31-2	44.96	12.31	-35.05	7.41	543.04	ppb
Potassium	39-2	256807.63	250639.24	242010.42	249819.10	2.98	ppb
Rhodium	103-1				94		%
Rhodium	103-2				89		%
Scandium	45-1				100		%
Scandium	45-2				97		%
Selenium	82-1	5.80	5.25	5.07	5.37	7.02	ppb
Selenium	77-2	4.76	10.50	7.55	7.60	37.75	ppb
Selenium	78-2	5.28	7.34	5.47	6.03	18.88	ppb
Silicon	28-1	7.33	6.66	8.15	7.38	10.08	ppb
Silver	107-1	0.12	0.53	0.20	0.29	76.29	ppb
Silver	109-1	0.16	0.53	0.23	0.31	64.69	ppb
Sodium	23-2	515354.19	492193.43	489748.08	499098.57	2.83	ppb
Strontium	86-1	6.06	16.23	5.61	9.30	64.57	ppb
Strontium	88-1	5.99	15.36	6.22	9.19	58.16	ppb
Sulfur	34-1	-1752.06	-2421.93	-1170.15	-1781.38		ppb
Terbium	159-1				104		%
Terbium	159-2				98		%
Thallium	203-1	0.28	0.62	0.23	0.38	57.18	ppb
Thallium	205-1	0.29	0.71	0.25	0.42	60.73	ppb
Tin	118-1	0.62	1.11	0.53	0.75	41.66	ppb
Titanium	47-1	2.95	6.47	2.02	3.81	61.54	ppb
Uranium	238-1	0.24	0.60	0.22	0.35	60.73	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 11:52:47	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.18	0.36	0.25	0.26	33.94	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				98		%
Zinc	66-2	16.64	15.97	15.94	16.18	2.46	ppb
Zirconium	90-1	0.57	0.91	0.53	0.67	31.59	ppb
Zirconium	91-1	0.53	0.84	0.51	0.63	29.68	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	ICV72	Instrumnet Name :	P8
Client Sample ID :	ICV72	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 12:26:24	DataFile Name :	015ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	510.85	519.66	527.83	519.45	1.63	ppb
Antimony	121-1	198.57	203.34	206.20	202.70	1.90	ppb
Arsenic	75-2	205.88	213.00	211.15	210.01	1.76	ppb
Barium	135-1	99.60	102.59	103.15	101.78	1.88	ppb
Barium	137-1	101.86	105.72	102.83	103.47	1.94	ppb
Beryllium	9-1	104.08	105.54	105.33	104.98	0.75	ppb
Bismuth	209-1				100		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Cadmium	108-1	79.03	87.22	87.13	84.46	5.56	ppb
Cadmium	106-1	74.65	81.64	74.30	76.86	5.39	ppb
Cadmium	111-1	106.61	109.18	108.77	108.18	1.28	ppb
Calcium	43-1	2058.13	2138.13	2022.17	2072.81	2.86	ppb
Calcium	44-1	2060.36	2108.90	2045.46	2071.57	1.60	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	101.12	103.11	106.15	103.46	2.45	ppb
Cobalt	59-2	99.54	102.44	102.07	101.35	1.56	ppb
Copper	63-2	99.00	100.84	100.90	100.24	1.07	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				98		%
Indium	115-2				99		%
Iron	54-2	2079.32	2146.38	2126.60	2117.44	1.63	ppb
Iron	56-2	2167.02	2124.76	2229.99	2173.92	2.44	ppb
Iron	57-2	1991.91	2059.16	2038.87	2029.98	1.70	ppb
Krypton	83-1						cps
Lead	206-1	206.11	210.33	209.90	208.78	1.11	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	ICV72	Instrumnet Name :	P8
Client Sample ID :	ICV72	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 12:26:24	DataFile Name :	015ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	202.47	199.02	200.26	200.58	0.87	ppb
Lead	208-1	205.30	204.52	207.40	205.74	0.72	ppb
Lithium	6-1				99		%
Magnesium	24-2	1148.18	1159.88	1173.41	1160.49	1.09	ppb
Manganese	55-2	97.29	97.47	99.83	98.20	1.45	ppb
Molybdenum	94-1	0.41	0.27	0.34	0.34	20.52	ppb
Molybdenum	95-1	0.36	0.21	0.19	0.25	37.90	ppb
Molybdenum	96-1	0.42	0.26	0.26	0.31	30.26	ppb
Molybdenum	97-1	0.27	0.22	0.31	0.27	15.96	ppb
Molybdenum	98-1	0.38	0.27	0.23	0.30	25.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	111.70	113.33	114.78	113.27	1.36	ppb
Phosphorus	31-2	-30.67	64.94	45.79	26.69	189.54	ppb
Potassium	39-2	1903.94	1951.70	1991.65	1949.09	2.25	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				97		%
Selenium	82-1	216.45	220.82	213.99	217.09	1.59	ppb
Selenium	77-2	200.39	204.07	225.53	210.00	6.47	ppb
Selenium	78-2	211.27	223.83	214.92	216.68	2.98	ppb
Silicon	28-1	-0.41	-0.36	-0.67	-0.48		ppb
Silver	107-1	47.82	50.09	50.02	49.31	2.62	ppb
Silver	109-1	48.53	50.81	50.01	49.78	2.32	ppb
Sodium	23-2	2038.23	2034.82	2057.32	2043.45	0.59	ppb
Strontium	86-1	0.56	0.40	0.32	0.43	28.68	ppb
Strontium	88-1	0.51	0.34	0.34	0.40	25.15	ppb
Sulfur	34-1	-484.17	-195.52	-962.68	-547.46		ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	214.75	211.98	213.68	213.47	0.65	ppb
Thallium	205-1	226.81	229.18	227.99	227.99	0.52	ppb
Tin	118-1	0.78	0.78	0.78	0.78	0.48	ppb
Titanium	47-1	0.32	0.30	0.27	0.30	8.09	ppb
Uranium	238-1	0.02	0.01	0.02	0.02	27.62	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	ICV72	Instrumnet Name :	P8
Client Sample ID :	ICV72	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 12:26:24	DataFile Name :	015ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	99.71	99.38	101.77	100.29	1.29	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				98		%
Zinc	66-2	209.11	210.62	214.71	211.48	1.37	ppb
Zirconium	90-1	0.05	0.02	0.02	0.03	56.71	ppb
Zirconium	91-1	0.12	0.08	0.10	0.10	18.60	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 12:36:33	DataFile Name :	018LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.98	19.44	19.61	19.34	1.68	ppb
Antimony	121-1	1.78	1.85	1.82	1.82	1.98	ppb
Arsenic	75-2	0.99	1.01	1.17	1.06	9.26	ppb
Barium	135-1	8.10	8.81	8.73	8.55	4.54	ppb
Barium	137-1	8.78	9.18	9.17	9.05	2.51	ppb
Beryllium	9-1	1.00	1.14	1.10	1.08	6.77	ppb
Bismuth	209-1				99		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Cadmium	108-1	0.99	1.59	1.00	1.20	28.86	ppb
Cadmium	106-1	-1.31	0.29	-2.28	-1.10		ppb
Cadmium	111-1	0.88	0.92	0.79	0.86	7.79	ppb
Calcium	43-1	454.58	464.66	472.31	463.85	1.92	ppb
Calcium	44-1	450.36	462.15	455.34	455.95	1.30	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.50	2.37	2.22	2.36	5.93	ppb
Cobalt	59-2	0.96	0.96	0.96	0.96	0.42	ppb
Copper	63-2	1.86	1.99	2.01	1.95	3.96	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				100		%
Indium	115-2				97		%
Iron	54-2	45.94	57.33	51.08	51.45	11.08	ppb
Iron	56-2	49.82	49.78	50.53	50.04	0.84	ppb
Iron	57-2	54.10	50.93	55.08	53.37	4.07	ppb
Krypton	83-1						cps
Lead	206-1	0.80	0.86	0.83	0.83	3.79	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 12:36:33	DataFile Name :	018LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.83	1.00	0.89	0.91	9.28	ppb
Lead	208-1	0.83	0.92	0.87	0.87	5.09	ppb
Lithium	6-1				100		%
Magnesium	24-2	464.67	456.98	464.38	462.01	0.94	ppb
Manganese	55-2	0.89	1.03	1.07	0.99	9.60	ppb
Molybdenum	94-1	4.90	5.42	5.69	5.33	7.55	ppb
Molybdenum	95-1	4.22	4.75	4.75	4.57	6.68	ppb
Molybdenum	96-1	4.32	4.43	4.52	4.42	2.29	ppb
Molybdenum	97-1	4.24	4.73	4.46	4.48	5.50	ppb
Molybdenum	98-1	4.30	4.78	4.68	4.59	5.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.70	1.13	0.87	0.90	24.05	ppb
Phosphorus	31-2	53.10	72.40	23.70	49.73	49.32	ppb
Potassium	39-2	456.69	455.67	445.81	452.72	1.33	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				99		%
Scandium	45-2				95		%
Selenium	82-1	4.50	4.29	5.30	4.70	11.41	ppb
Selenium	77-2	1.96	1.98	1.98	1.97	0.54	ppb
Selenium	78-2	5.03	4.06	5.06	4.72	12.03	ppb
Silicon	28-1	0.13	-0.16	0.15	0.04	409.95	ppb
Silver	107-1	0.91	0.81	0.88	0.87	6.10	ppb
Silver	109-1	0.92	0.97	0.87	0.92	5.43	ppb
Sodium	23-2	494.58	483.00	464.39	480.66	3.17	ppb
Strontium	86-1	0.94	1.03	0.89	0.95	7.01	ppb
Strontium	88-1	0.99	0.97	1.00	0.99	1.31	ppb
Sulfur	34-1	-268.20	-122.83	-522.14	-304.39		ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	0.83	0.81	0.90	0.85	6.17	ppb
Thallium	205-1	0.87	0.96	0.93	0.92	4.87	ppb
Tin	118-1	4.30	4.66	4.68	4.55	4.76	ppb
Titanium	47-1	3.77	4.56	4.43	4.25	9.95	ppb
Uranium	238-1	0.82	0.88	0.85	0.85	3.69	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 12:36:33	DataFile Name :	018LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	4.44	4.84	4.30	4.53	6.25	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				96		%
Zinc	66-2	2.28	2.39	1.93	2.20	10.99	ppb
Zirconium	90-1	0.82	0.84	0.82	0.83	1.24	ppb
Zirconium	91-1	0.85	0.79	0.82	0.82	3.63	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	ICB72	Instrumnet Name :	P8
Client Sample ID :	ICB72	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 12:39:37	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.31	0.01	0.14	-0.05		ppb
Antimony	121-1	0.03	0.02	0.03	0.03	36.82	ppb
Arsenic	75-2	-0.01	0.04	0.01	0.01	232.15	ppb
Barium	135-1	0.00	0.00	-0.01	0.00		ppb
Barium	137-1	0.02	-0.01	0.02	0.01	215.62	ppb
Beryllium	9-1	0.07	0.07	0.07	0.07	4.66	ppb
Bismuth	209-1				109		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Cadmium	108-1	-0.20	-0.12	-0.03	-0.12		ppb
Cadmium	106-1	-1.22	-2.16	-0.09	-1.16		ppb
Cadmium	111-1	-0.03	-0.08	0.01	-0.03		ppb
Calcium	43-1	0.77	-3.75	-1.88	-1.62		ppb
Calcium	44-1	-0.77	-11.80	-2.95	-5.17		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.42	0.42	0.45	0.43	4.61	ppb
Cobalt	59-2	0.02	0.01	0.02	0.02	34.66	ppb
Copper	63-2	0.06	0.08	0.10	0.08	19.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				99		%
Indium	115-1				103		%
Indium	115-2				97		%
Iron	54-2	3.76	1.11	2.79	2.56	52.43	ppb
Iron	56-2	1.76	1.48	1.45	1.56	10.91	ppb
Iron	57-2	3.44	2.39	1.99	2.61	28.64	ppb
Krypton	83-1						cps
Lead	206-1	0.00	-0.01	-0.01	0.00		ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	ICB72	Instrumnet Name :	P8
Client Sample ID :	ICB72	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 12:39:37	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.03	0.01	0.01	0.01	91.10	ppb
Lead	208-1	0.03	-0.01	0.01	0.01	151.35	ppb
Lithium	6-1				105		%
Magnesium	24-2	-3.26	-3.36	-2.01	-2.88		ppb
Manganese	55-2	0.04	0.05	0.07	0.05	31.61	ppb
Molybdenum	94-1	0.03	0.04	0.01	0.03	43.97	ppb
Molybdenum	95-1	0.03	0.07	0.05	0.05	39.81	ppb
Molybdenum	96-1	0.02	0.01	0.05	0.03	68.58	ppb
Molybdenum	97-1	0.08	0.03	0.06	0.06	44.87	ppb
Molybdenum	98-1	0.06	0.04	0.06	0.05	17.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.14	-0.17	-0.07	-0.13		ppb
Phosphorus	31-2	-64.12	3.84	29.31	-10.32		ppb
Potassium	39-2	-4.13	23.88	8.98	9.57	146.36	ppb
Rhodium	103-1				106		%
Rhodium	103-2				98		%
Scandium	45-1				106		%
Scandium	45-2				96		%
Selenium	82-1	-0.28	-0.20	0.01	-0.15		ppb
Selenium	77-2	-0.92	-0.92	-0.92	-0.92		ppb
Selenium	78-2	-0.61	1.70	0.20	0.43	270.98	ppb
Silicon	28-1	-0.44	-3.43	-1.03	-1.63		ppb
Silver	107-1	0.00	0.00	0.01	0.00	391.82	ppb
Silver	109-1	-0.01	-0.02	-0.01	-0.01		ppb
Sodium	23-2	13.66	10.85	12.78	12.43	11.58	ppb
Strontium	86-1	0.11	-0.01	0.11	0.07	103.12	ppb
Strontium	88-1	0.02	0.00	-0.01	0.00	471.85	ppb
Sulfur	34-1	129.52	-4245.90	-822.55	-1646.31		ppb
Terbium	159-1				107		%
Terbium	159-2				98		%
Thallium	203-1	0.02	0.02	0.03	0.02	25.19	ppb
Thallium	205-1	0.04	0.03	0.03	0.03	13.35	ppb
Tin	118-1	0.04	-0.06	0.03	0.00	1144.16	ppb
Titanium	47-1	0.08	-0.05	0.10	0.05	181.41	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	ICB72	Instrumnet Name :	P8
Client Sample ID :	ICB72	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 12:39:37	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.01	0.02	0.01	78.09	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				96		%
Zinc	66-2	0.16	0.08	-0.03	0.07	128.87	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb
Zirconium	91-1	0.02	0.00	0.02	0.01	115.38	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	ICSA72	Instrumnet Name :	P8
Client Sample ID :	ICSA72	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 12:42:39	DataFile Name :	020ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	95621.58	92027.68	96391.91	94680.39	2.46	ppb
Antimony	121-1	1.06	1.01	0.97	1.02	4.32	ppb
Arsenic	75-2	0.40	0.34	0.51	0.42	20.34	ppb
Barium	135-1	1.54	1.26	1.39	1.40	9.92	ppb
Barium	137-1	1.39	1.54	1.28	1.40	9.18	ppb
Beryllium	9-1	0.33	0.32	0.33	0.33	1.66	ppb
Bismuth	209-1				97		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Cadmium	108-1	16.27	15.36	15.89	15.84	2.88	ppb
Cadmium	106-1	-2.66	-4.17	-7.50	-4.78		ppb
Cadmium	111-1	0.57	0.40	0.29	0.42	33.78	ppb
Calcium	43-1	97898.84	97628.96	98653.01	98060.27	0.54	ppb
Calcium	44-1	98351.83	97835.65	99505.67	98564.38	0.87	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.04	18.69	19.01	18.92	1.01	ppb
Cobalt	59-2	1.12	1.12	1.20	1.15	3.99	ppb
Copper	63-2	7.07	6.70	7.14	6.97	3.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				100		%
Indium	115-1				96		%
Indium	115-2				94		%
Iron	54-2	102757.91	97475.41	101771.18	100668.17	2.79	ppb
Iron	56-2	99202.90	97213.47	100242.42	98886.26	1.56	ppb
Iron	57-2	101894.29	97394.77	100324.00	99871.02	2.29	ppb
Krypton	83-1						cps
Lead	206-1	4.57	4.75	4.84	4.72	2.91	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	ICSA72	Instrumnet Name :	P8
Client Sample ID :	ICSA72	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 12:42:39	DataFile Name :	020ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	4.05	4.24	4.46	4.25	4.83	ppb
Lead	208-1	4.21	4.41	4.59	4.41	4.33	ppb
Lithium	6-1				99		%
Magnesium	24-2	92432.85	89914.77	93147.61	91831.74	1.85	ppb
Manganese	55-2	7.07	7.25	7.51	7.28	3.04	ppb
Molybdenum	94-1	1522.85	1503.44	1511.65	1512.65	0.64	ppb
Molybdenum	95-1	1812.70	1834.61	1798.38	1815.23	1.01	ppb
Molybdenum	96-1	1746.31	1792.99	1769.10	1769.47	1.32	ppb
Molybdenum	97-1	1826.58	1848.02	1822.63	1832.41	0.75	ppb
Molybdenum	98-1	1790.58	1827.68	1817.30	1811.85	1.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.20	5.28	5.40	5.29	1.85	ppb
Phosphorus	31-2	97651.10	95105.21	96610.37	96455.56	1.33	ppb
Potassium	39-2	93815.05	91930.76	96024.95	93923.59	2.18	ppb
Rhodium	103-1				95		%
Rhodium	103-2				92		%
Scandium	45-1				97		%
Scandium	45-2				93		%
Selenium	82-1	0.31	0.03	0.77	0.37	100.21	ppb
Selenium	77-2	0.53	-0.92	-0.92	-0.44		ppb
Selenium	78-2	0.33	0.70	0.04	0.36	92.69	ppb
Silicon	28-1	1.77	1.78	2.90	2.15	30.33	ppb
Silver	107-1	0.00	-0.02	0.00	-0.01		ppb
Silver	109-1	-0.02	-0.02	-0.02	-0.02		ppb
Sodium	23-2	98052.43	95778.56	98188.88	97339.96	1.39	ppb
Strontium	86-1	32.34	33.17	32.89	32.80	1.29	ppb
Strontium	88-1	32.70	32.78	33.10	32.86	0.64	ppb
Sulfur	34-1	83513.05	80553.37	83284.16	82450.19	2.00	ppb
Terbium	159-1				102		%
Terbium	159-2				98		%
Thallium	203-1	0.16	0.13	0.10	0.13	19.86	ppb
Thallium	205-1	0.16	0.16	0.13	0.15	11.84	ppb
Tin	118-1	0.17	0.19	0.20	0.18	7.16	ppb
Titanium	47-1	1970.14	1944.79	1996.11	1970.35	1.30	ppb
Uranium	238-1	0.02	0.01	0.02	0.01	17.66	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	ICSA72	Instrumnet Name :	P8
Client Sample ID :	ICSA72	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 12:42:39	DataFile Name :	020ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.15	0.21	0.17	0.18	17.18	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				95		%
Zinc	66-2	10.27	9.80	9.49	9.85	3.96	ppb
Zirconium	90-1	0.02	0.05	0.01	0.02	92.15	ppb
Zirconium	91-1	0.02	0.02	0.02	0.02	17.17	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	ICSAB72	Instrumnet Name :	P8
Client Sample ID :	ICSAB72	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 12:45:34	DataFile Name :	021ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	97530.98	95957.18	96337.12	96608.43	0.85	ppb
Antimony	121-1	20.43	19.83	20.81	20.36	2.43	ppb
Arsenic	75-2	20.68	20.04	19.63	20.12	2.62	ppb
Barium	135-1	20.20	20.02	20.80	20.34	2.02	ppb
Barium	137-1	20.73	20.34	21.51	20.86	2.85	ppb
Beryllium	9-1	19.76	19.81	19.31	19.63	1.41	ppb
Bismuth	209-1				96		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Cadmium	108-1	38.72	37.99	41.13	39.28	4.19	ppb
Cadmium	106-1	21.40	23.28	23.57	22.75	5.18	ppb
Cadmium	111-1	19.76	19.97	20.38	20.04	1.58	ppb
Calcium	43-1	100110.30	101115.75	100572.41	100599.48	0.50	ppb
Calcium	44-1	100693.93	99805.93	100713.26	100404.37	0.52	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	39.44	39.56	39.50	39.50	0.15	ppb
Cobalt	59-2	20.19	20.37	20.23	20.26	0.46	ppb
Copper	63-2	25.43	26.35	26.09	25.95	1.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				100		%
Indium	115-1				98		%
Indium	115-2				95		%
Iron	54-2	100165.36	103460.17	103149.33	102258.29	1.78	ppb
Iron	56-2	98697.21	102220.61	101358.14	100758.65	1.82	ppb
Iron	57-2	102459.85	102357.81	104299.03	103038.90	1.06	ppb
Krypton	83-1						cps
Lead	206-1	23.65	23.35	24.15	23.71	1.70	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	ICSAB72	Instrumnet Name :	P8
Client Sample ID :	ICSAB72	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 12:45:34	DataFile Name :	021ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	23.06	23.29	22.71	23.02	1.27	ppb
Lead	208-1	23.16	23.05	23.22	23.14	0.37	ppb
Lithium	6-1				100		%
Magnesium	24-2	95221.67	96437.76	93056.54	94905.32	1.80	ppb
Manganese	55-2	24.99	26.34	26.43	25.92	3.11	ppb
Molybdenum	94-1	1702.72	1670.47	1696.71	1689.96	1.01	ppb
Molybdenum	95-1	1880.69	1911.11	1930.15	1907.32	1.31	ppb
Molybdenum	96-1	1859.36	1909.49	1887.13	1885.33	1.33	ppb
Molybdenum	97-1	1903.88	1934.09	1901.09	1913.02	0.96	ppb
Molybdenum	98-1	1871.30	1858.96	1894.45	1874.91	0.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.93	24.47	24.48	24.63	1.07	ppb
Phosphorus	31-2	99407.81	96039.17	97006.53	97484.50	1.78	ppb
Potassium	39-2	96231.48	97644.92	97269.34	97048.58	0.75	ppb
Rhodium	103-1				96		%
Rhodium	103-2				93		%
Scandium	45-1				98		%
Scandium	45-2				94		%
Selenium	82-1	19.35	19.42	18.79	19.18	1.80	ppb
Selenium	77-2	16.10	22.17	22.09	20.12	17.30	ppb
Selenium	78-2	21.45	19.46	21.54	20.82	5.65	ppb
Silicon	28-1	5.27	5.18	5.05	5.16	2.20	ppb
Silver	107-1	18.13	17.64	18.89	18.22	3.45	ppb
Silver	109-1	18.45	17.81	18.64	18.30	2.39	ppb
Sodium	23-2	100222.77	100567.16	99536.30	100108.74	0.52	ppb
Strontium	86-1	88.49	89.61	89.80	89.30	0.79	ppb
Strontium	88-1	86.79	88.86	89.94	88.53	1.81	ppb
Sulfur	34-1	81803.57	82478.54	83192.52	82491.55	0.84	ppb
Terbium	159-1				103		%
Terbium	159-2				99		%
Thallium	203-1	19.50	19.71	19.74	19.65	0.66	ppb
Thallium	205-1	20.21	19.98	19.91	20.03	0.77	ppb
Tin	118-1	52.55	51.10	53.95	52.53	2.71	ppb
Titanium	47-1	2045.10	2090.77	2090.39	2075.42	1.27	ppb
Uranium	238-1	50.98	53.54	53.27	52.59	2.68	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	ICSAB72	Instrumnet Name :	P8
Client Sample ID :	ICSAB72	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 12:45:34	DataFile Name :	021ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	19.55	20.16	19.76	19.82	1.57	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				97		%
Zinc	66-2	28.82	27.93	28.46	28.40	1.58	ppb
Zirconium	90-1	51.15	51.70	52.37	51.74	1.18	ppb
Zirconium	91-1	51.86	51.86	52.56	52.09	0.77	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P8
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 12:51:16	DataFile Name :	023CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50680.31	51132.46	50911.01	50907.93	0.44	ppb
Antimony	121-1	516.63	507.71	525.02	516.46	1.68	ppb
Arsenic	75-2	496.05	508.09	496.67	500.27	1.35	ppb
Barium	135-1	2612.53	2649.72	2682.19	2648.15	1.32	ppb
Barium	137-1	2683.88	2581.19	2680.81	2648.63	2.21	ppb
Beryllium	9-1	488.61	493.64	492.43	491.56	0.53	ppb
Bismuth	209-1				94		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Cadmium	108-1	508.96	498.30	505.21	504.16	1.07	ppb
Cadmium	106-1	500.78	503.95	516.78	507.17	1.67	ppb
Cadmium	111-1	501.46	497.93	501.54	500.31	0.41	ppb
Calcium	43-1	272234.76	273340.56	261290.01	268955.11	2.48	ppb
Calcium	44-1	262311.33	265347.76	257991.15	261883.41	1.41	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	495.19	503.43	496.57	498.40	0.88	ppb
Cobalt	59-2	475.23	486.12	478.45	479.94	1.17	ppb
Copper	63-2	5030.98	5074.52	4975.82	5027.11	0.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				102		%
Indium	115-1				96		%
Indium	115-2				96		%
Iron	54-2	125968.36	130492.82	128191.90	128217.69	1.76	ppb
Iron	56-2	124895.91	130345.80	126416.45	127219.39	2.21	ppb
Iron	57-2	126928.26	130129.50	129282.86	128780.21	1.29	ppb
Krypton	83-1						cps
Lead	206-1	2647.23	2642.16	2697.29	2662.23	1.14	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P8
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 12:51:16	DataFile Name :	023CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2671.66	2621.05	2676.10	2656.27	1.15	ppb
Lead	208-1	2645.97	2616.06	2674.69	2645.57	1.11	ppb
Lithium	6-1				100		%
Magnesium	24-2	248252.71	252795.41	250014.78	250354.30	0.91	ppb
Manganese	55-2	4990.64	5130.85	5023.61	5048.37	1.45	ppb
Molybdenum	94-1	5373.39	5271.87	5343.49	5329.58	0.98	ppb
Molybdenum	95-1	5299.29	5286.16	5338.71	5308.05	0.52	ppb
Molybdenum	96-1	5457.63	5310.22	5190.55	5319.47	2.51	ppb
Molybdenum	97-1	5413.82	5199.61	5311.16	5308.20	2.02	ppb
Molybdenum	98-1	5381.74	5283.16	5417.29	5360.73	1.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	488.41	494.12	491.39	491.31	0.58	ppb
Phosphorus	31-2	9784.00	10184.85	9929.86	9966.24	2.04	ppb
Potassium	39-2	123268.01	124060.70	123425.15	123584.62	0.34	ppb
Rhodium	103-1				95		%
Rhodium	103-2				93		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	82-1	499.68	491.21	503.46	498.12	1.26	ppb
Selenium	77-2	506.28	482.64	518.82	502.58	3.66	ppb
Selenium	78-2	477.36	497.42	485.17	486.65	2.08	ppb
Silicon	28-1	617.62	628.52	607.48	617.87	1.70	ppb
Silver	107-1	501.74	507.73	502.47	503.98	0.65	ppb
Silver	109-1	501.86	500.03	500.88	500.92	0.18	ppb
Sodium	23-2	246211.42	249955.33	250946.15	249037.64	1.00	ppb
Strontium	86-1	13456.95	13070.86	13244.51	13257.44	1.46	ppb
Strontium	88-1	13084.59	12966.84	13145.41	13065.61	0.69	ppb
Sulfur	34-1	10228.51	10430.34	9389.92	10016.26	5.51	ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	555.89	533.57	542.63	544.03	2.06	ppb
Thallium	205-1	532.62	530.61	540.86	534.70	1.02	ppb
Tin	118-1	508.92	527.63	522.88	519.81	1.87	ppb
Titanium	47-1	5276.13	5337.91	5166.27	5260.10	1.65	ppb
Uranium	238-1	552.23	538.57	551.29	547.36	1.39	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P8
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 12:51:16	DataFile Name :	023CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	499.60	515.00	505.19	506.59	1.54	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				98		%
Zinc	66-2	4751.54	4789.15	4721.84	4754.18	0.71	ppb
Zirconium	90-1	542.90	538.03	536.78	539.24	0.60	ppb
Zirconium	91-1	527.28	518.78	522.49	522.85	0.81	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	CCB13	Instrumnet Name :	P8
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 12:57:12	DataFile Name :	025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.13	3.28	7.30	4.24	64.04	ppb
Antimony	121-1	0.12	0.11	0.13	0.12	7.59	ppb
Arsenic	75-2	0.01	0.05	0.14	0.07	99.93	ppb
Barium	135-1	0.27	0.15	0.24	0.22	28.81	ppb
Barium	137-1	0.17	0.16	0.25	0.20	25.90	ppb
Beryllium	9-1	0.33	0.33	0.31	0.32	4.61	ppb
Bismuth	209-1				99		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Cadmium	108-1	0.19	-0.09	0.30	0.13	152.40	ppb
Cadmium	106-1	-6.22	-6.16	-2.79	-5.06		ppb
Cadmium	111-1	-0.20	-0.16	-0.08	-0.14		ppb
Calcium	43-1	31.60	25.46	20.63	25.90	21.23	ppb
Calcium	44-1	27.84	25.35	19.19	24.13	18.46	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.51	0.35	0.48	0.45	19.02	ppb
Cobalt	59-2	0.03	0.04	0.08	0.05	47.06	ppb
Copper	63-2	0.67	0.63	0.79	0.70	12.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				99		%
Indium	115-1				98		%
Indium	115-2				97		%
Iron	54-2	12.02	10.07	16.69	12.93	26.29	ppb
Iron	56-2	8.22	11.08	19.76	13.02	46.16	ppb
Iron	57-2	7.21	12.58	19.24	13.01	46.31	ppb
Krypton	83-1						cps
Lead	206-1	0.30	0.34	0.24	0.30	17.20	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	CCB13	Instrumnet Name :	P8
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 12:57:12	DataFile Name :	025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.29	0.35	0.31	0.32	9.90	ppb
Lead	208-1	0.33	0.37	0.25	0.32	18.43	ppb
Lithium	6-1				97		%
Magnesium	24-2	5.75	9.30	21.01	12.02	66.44	ppb
Manganese	55-2	0.30	0.35	0.53	0.39	31.25	ppb
Molybdenum	94-1	0.44	0.51	0.41	0.45	11.36	ppb
Molybdenum	95-1	0.54	0.56	0.47	0.52	8.61	ppb
Molybdenum	96-1	0.54	0.69	0.50	0.58	17.16	ppb
Molybdenum	97-1	0.80	0.53	0.37	0.57	37.93	ppb
Molybdenum	98-1	0.60	0.58	0.46	0.55	14.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.10	-0.09	-0.08		ppb
Phosphorus	31-2	1.76	-30.91	-3.19	-10.78		ppb
Potassium	39-2	48.44	30.19	27.47	35.36	32.25	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				97		%
Scandium	45-2				94		%
Selenium	82-1	-0.28	0.30	-0.37	-0.12		ppb
Selenium	77-2	-0.92	-0.92	-0.92	-0.92		ppb
Selenium	78-2	-0.41	-0.36	-0.23	-0.34		ppb
Silicon	28-1	-0.16	-0.60	-0.59	-0.45		ppb
Silver	107-1	-0.02	-0.01	-0.01	-0.01		ppb
Silver	109-1	-0.02	-0.03	-0.02	-0.03		ppb
Sodium	23-2	76.82	75.23	78.65	76.90	2.22	ppb
Strontium	86-1	1.01	1.08	0.80	0.97	14.95	ppb
Strontium	88-1	1.12	1.33	0.75	1.07	27.41	ppb
Sulfur	34-1	-276.86	-622.82	-645.09	-514.93		ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	0.16	0.18	0.13	0.16	16.21	ppb
Thallium	205-1	0.20	0.20	0.18	0.19	4.69	ppb
Tin	118-1	0.04	0.10	0.04	0.06	57.83	ppb
Titanium	47-1	0.68	0.58	0.35	0.54	32.02	ppb
Uranium	238-1	0.05	0.05	0.03	0.04	31.33	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	CCB13	Instrumnet Name :	P8
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 12:57:12	DataFile Name :	025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.02	0.06	0.06	0.04	42.91	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				97		%
Zinc	66-2	0.05	0.40	0.56	0.34	77.09	ppb
Zirconium	90-1	0.04	0.04	0.04	0.04	9.70	ppb
Zirconium	91-1	0.06	0.08	0.01	0.05	70.69	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P8
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 13:01:24	DataFile Name :	026LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24.61	20.58	22.53	22.57	8.92	ppb
Antimony	121-1	1.77	1.97	2.04	1.93	7.38	ppb
Arsenic	75-2	1.03	1.11	0.98	1.04	6.36	ppb
Barium	135-1	8.87	9.00	8.80	8.89	1.12	ppb
Barium	137-1	9.13	8.81	9.14	9.03	2.08	ppb
Beryllium	9-1	1.12	1.14	1.16	1.14	1.37	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Cadmium	108-1	1.25	1.34	0.84	1.14	23.46	ppb
Cadmium	106-1	-3.17	-4.91	-1.14	-3.07		ppb
Cadmium	111-1	0.69	0.61	0.93	0.74	22.32	ppb
Calcium	43-1	454.74	470.54	466.79	464.02	1.78	ppb
Calcium	44-1	463.36	464.07	461.27	462.90	0.31	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.61	2.50	2.54	2.55	2.25	ppb
Cobalt	59-2	1.02	0.93	0.94	0.96	5.14	ppb
Copper	63-2	2.52	2.36	2.35	2.41	3.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				97		%
Iron	54-2	65.61	58.87	59.51	61.33	6.07	ppb
Iron	56-2	61.73	57.18	59.34	59.42	3.83	ppb
Iron	57-2	67.66	57.48	56.07	60.40	10.46	ppb
Krypton	83-1						cps
Lead	206-1	0.96	0.97	1.01	0.98	2.87	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P8
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 13:01:24	DataFile Name :	026LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.91	1.04	1.05	1.00	8.16	ppb
Lead	208-1	0.94	0.99	0.98	0.97	2.60	ppb
Lithium	6-1				99		%
Magnesium	24-2	495.37	477.06	470.34	480.92	2.69	ppb
Manganese	55-2	1.37	1.16	1.30	1.28	8.14	ppb
Molybdenum	94-1	5.20	5.43	5.59	5.41	3.61	ppb
Molybdenum	95-1	4.98	4.81	4.59	4.79	4.13	ppb
Molybdenum	96-1	4.71	4.78	4.44	4.65	3.86	ppb
Molybdenum	97-1	4.86	4.85	4.60	4.77	3.16	ppb
Molybdenum	98-1	4.67	4.77	4.79	4.74	1.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.92	0.79	0.95	0.89	9.29	ppb
Phosphorus	31-2	33.25	23.73	9.80	22.26	52.99	ppb
Potassium	39-2	512.34	448.75	465.38	475.49	6.93	ppb
Rhodium	103-1				102		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				94		%
Selenium	82-1	5.03	4.14	4.49	4.56	9.91	ppb
Selenium	77-2	5.11	7.81	6.13	6.35	21.49	ppb
Selenium	78-2	4.75	3.30	5.71	4.59	26.36	ppb
Silicon	28-1	-0.25	-0.65	-0.08	-0.33		ppb
Silver	107-1	0.88	0.90	0.93	0.90	2.66	ppb
Silver	109-1	0.84	0.84	0.93	0.87	5.73	ppb
Sodium	23-2	555.57	519.64	506.69	527.30	4.80	ppb
Strontium	86-1	1.17	1.29	0.95	1.14	15.44	ppb
Strontium	88-1	1.26	1.26	1.16	1.22	4.51	ppb
Sulfur	34-1	-1085.97	-1218.86	-916.86	-1073.90		ppb
Terbium	159-1				101		%
Terbium	159-2				98		%
Thallium	203-1	0.96	0.92	0.91	0.93	3.09	ppb
Thallium	205-1	0.98	1.02	1.02	1.00	2.38	ppb
Tin	118-1	4.47	4.54	4.77	4.59	3.42	ppb
Titanium	47-1	4.50	5.19	4.68	4.79	7.55	ppb
Uranium	238-1	0.83	0.82	0.90	0.85	5.19	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P8
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 13:01:24	DataFile Name :	026LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	4.84	4.87	4.71	4.81	1.80	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				95		%
Zinc	66-2	2.54	2.55	2.58	2.56	0.85	ppb
Zirconium	90-1	0.80	0.77	0.84	0.81	4.19	ppb
Zirconium	91-1	0.78	0.92	0.82	0.84	8.15	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	PB153353BL	Instrumnet Name :	P8
Client Sample ID :	PB153353BL	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 13:04:27	DataFile Name :	027CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.99	0.96	2.45	1.80	42.35	ppb
Antimony	121-1	0.08	0.08	0.05	0.07	23.06	ppb
Arsenic	75-2	0.01	0.02	0.01	0.01	49.34	ppb
Barium	135-1	0.07	0.02	0.09	0.06	54.61	ppb
Barium	137-1	0.05	0.04	0.08	0.05	35.64	ppb
Beryllium	9-1	0.17	0.15	0.13	0.15	13.43	ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Cadmium	108-1	0.14	-0.09	0.07	0.04	320.94	ppb
Cadmium	106-1	-3.57	-4.02	-9.23	-5.61		ppb
Cadmium	111-1	-0.13	-0.13	-0.36	-0.21		ppb
Calcium	43-1	8.75	5.15	10.05	7.99	31.77	ppb
Calcium	44-1	7.57	3.02	12.30	7.63	60.76	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.48	0.33	0.50	0.43	21.62	ppb
Cobalt	59-2	0.04	0.03	0.05	0.04	26.75	ppb
Copper	63-2	0.36	0.43	0.43	0.41	10.20	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				101		%
Holmium	165-2				99		%
Indium	115-1				98		%
Indium	115-2				96		%
Iron	54-2	9.05	6.20	5.64	6.97	26.22	ppb
Iron	56-2	6.75	6.55	6.10	6.47	5.20	ppb
Iron	57-2	8.19	7.21	6.36	7.25	12.59	ppb
Krypton	83-1						cps
Lead	206-1	0.11	0.08	0.13	0.11	22.97	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	PB153353BL	Instrumnet Name :	P8
Client Sample ID :	PB153353BL	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 13:04:27	DataFile Name :	027CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.15	0.11	0.16	0.14	17.31	ppb
Lead	208-1	0.12	0.10	0.13	0.12	14.47	ppb
Lithium	6-1				99		%
Magnesium	24-2	2.72	1.31	2.57	2.20	35.34	ppb
Manganese	55-2	0.26	0.24	0.12	0.21	36.25	ppb
Molybdenum	94-1	0.29	0.14	0.31	0.25	36.66	ppb
Molybdenum	95-1	0.24	0.21	0.28	0.24	15.89	ppb
Molybdenum	96-1	0.26	0.20	0.31	0.26	20.66	ppb
Molybdenum	97-1	0.25	0.24	0.35	0.28	21.30	ppb
Molybdenum	98-1	0.27	0.24	0.45	0.32	34.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.18	-0.18	-0.16	-0.17		ppb
Phosphorus	31-2	14.67	26.86	-24.95	5.53	490.06	ppb
Potassium	39-2	30.04	15.84	18.48	21.45	35.22	ppb
Rhodium	103-1				99		%
Rhodium	103-2				96		%
Scandium	45-1				98		%
Scandium	45-2				93		%
Selenium	82-1	0.55	0.41	-0.13	0.28	128.18	ppb
Selenium	77-2	-0.92	-0.92	-0.92	-0.92		ppb
Selenium	78-2	-1.04	-0.47	-0.82	-0.78		ppb
Silicon	28-1	-0.42	-1.03	-0.06	-0.50		ppb
Silver	107-1	-0.01	-0.02	0.00	-0.01		ppb
Silver	109-1	-0.03	-0.02	-0.02	-0.02		ppb
Sodium	23-2	49.72	49.51	46.02	48.42	4.29	ppb
Strontium	86-1	0.25	0.25	0.36	0.29	20.64	ppb
Strontium	88-1	0.30	0.24	0.39	0.31	24.02	ppb
Sulfur	34-1	-8.17	-611.82	-84.41	-234.80		ppb
Terbium	159-1				101		%
Terbium	159-2				98		%
Thallium	203-1	0.09	0.09	0.11	0.10	8.07	ppb
Thallium	205-1	0.11	0.10	0.12	0.11	7.95	ppb
Tin	118-1	0.04	0.02	0.06	0.04	53.72	ppb
Titanium	47-1	0.32	0.25	0.19	0.25	26.40	ppb
Uranium	238-1	0.01	0.01	0.02	0.01	53.94	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	PB153353BL	Instrumnet Name :	P8
Client Sample ID :	PB153353BL	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 13:04:27	DataFile Name :	027CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.04	0.02	0.01	0.02	67.01	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				96		%
Zinc	66-2	0.07	-0.06	0.02	0.01	746.57	ppb
Zirconium	90-1	0.01	0.03	0.00	0.01	87.26	ppb
Zirconium	91-1	-0.01	0.00	-0.01	0.00		ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	PB153353BS	Instrumnet Name :	P8
Client Sample ID :	PB153353BS	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 13:07:29	DataFile Name :	028LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36.60	39.56	39.41	38.52	4.33	ppb
Antimony	121-1	3.31	3.49	3.46	3.42	2.81	ppb
Arsenic	75-2	1.72	1.78	2.00	1.83	7.95	ppb
Barium	135-1	15.60	16.67	15.44	15.90	4.21	ppb
Barium	137-1	16.10	16.37	16.60	16.36	1.51	ppb
Beryllium	9-1	1.86	1.82	1.77	1.81	2.54	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Cadmium	108-1	2.15	1.75	2.20	2.03	12.16	ppb
Cadmium	106-1	-3.56	1.38	-1.05	-1.08		ppb
Cadmium	111-1	2.41	2.80	2.54	2.59	7.64	ppb
Calcium	43-1	836.47	826.95	842.34	835.25	0.93	ppb
Calcium	44-1	833.81	821.60	825.47	826.96	0.75	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.53	3.97	4.36	4.29	6.63	ppb
Cobalt	59-2	1.76	1.65	1.65	1.69	3.58	ppb
Copper	63-2	3.91	3.79	3.81	3.84	1.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	54-2	360.00	363.64	359.84	361.16	0.60	ppb
Iron	56-2	354.94	356.14	349.54	353.54	0.99	ppb
Iron	57-2	348.06	347.43	343.24	346.24	0.76	ppb
Krypton	83-1						cps
Lead	206-1	1.65	1.68	1.61	1.65	2.21	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	PB153353BS	Instrumnet Name :	P8
Client Sample ID :	PB153353BS	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 13:07:29	DataFile Name :	028LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1.64	1.58	1.63	1.62	2.14	ppb
Lead	208-1	1.66	1.62	1.60	1.63	1.85	ppb
Lithium	6-1				98		%
Magnesium	24-2	877.90	878.65	883.86	880.14	0.37	ppb
Manganese	55-2	1.98	2.11	1.92	2.00	4.79	ppb
Molybdenum	94-1	10.05	9.61	9.08	9.58	5.04	ppb
Molybdenum	95-1	8.18	8.42	7.85	8.15	3.51	ppb
Molybdenum	96-1	8.08	8.35	8.15	8.19	1.75	ppb
Molybdenum	97-1	8.37	8.05	8.57	8.33	3.14	ppb
Molybdenum	98-1	8.10	7.84	8.19	8.04	2.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.08	2.09	2.08	2.09	0.37	ppb
Phosphorus	31-2	-1.14	-50.79	74.94	7.67	825.87	ppb
Potassium	39-2	855.35	851.57	833.87	846.93	1.35	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	82-1	8.38	8.53	9.12	8.67	4.51	ppb
Selenium	77-2	1.92	13.10	11.81	8.94	68.37	ppb
Selenium	78-2	10.18	9.50	8.99	9.56	6.26	ppb
Silicon	28-1	0.78	0.48	0.28	0.51	49.40	ppb
Silver	107-1	1.59	1.74	1.61	1.65	4.89	ppb
Silver	109-1	1.53	1.63	1.65	1.60	3.91	ppb
Sodium	23-2	887.38	892.37	891.61	890.45	0.30	ppb
Strontium	86-1	1.83	1.85	1.98	1.89	4.13	ppb
Strontium	88-1	1.77	1.77	1.81	1.78	1.11	ppb
Sulfur	34-1	-123.34	-392.78	-959.18	-491.77		ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	1.79	1.61	1.63	1.67	5.77	ppb
Thallium	205-1	1.72	1.65	1.66	1.68	2.18	ppb
Tin	118-1	0.01	0.05	0.06	0.04	73.20	ppb
Titanium	47-1	7.99	8.34	8.21	8.18	2.18	ppb
Uranium	238-1	1.49	1.43	1.45	1.46	1.97	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	PB153353BS	Instrumnet Name :	P8
Client Sample ID :	PB153353BS	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 13:07:29	DataFile Name :	028LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	8.34	8.75	8.11	8.40	3.89	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				98		%
Zinc	66-2	8.12	8.16	8.89	8.39	5.17	ppb
Zirconium	90-1	1.61	1.59	1.58	1.60	1.04	ppb
Zirconium	91-1	1.65	1.76	1.62	1.67	4.33	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	PB153354BL	Instrumnet Name :	P8
Client Sample ID :	PB153354BL	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 13:10:39	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.85	3.10	1.56	2.50	33.16	ppb
Antimony	121-1	0.01	0.01	0.02	0.01	67.91	ppb
Arsenic	75-2	0.02	0.02	0.06	0.03	72.40	ppb
Barium	135-1	0.01	0.02	0.01	0.01	86.15	ppb
Barium	137-1	0.01	0.00	0.01	0.01	103.10	ppb
Beryllium	9-1	0.11	0.12	0.11	0.11	5.63	ppb
Bismuth	209-1				101		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Cadmium	108-1	-0.09	-0.09	0.13	-0.02		ppb
Cadmium	106-1	-4.40	-4.58	-0.06	-3.01		ppb
Cadmium	111-1	-0.14	-0.18	0.02	-0.10		ppb
Calcium	43-1	3.44	2.04	1.61	2.36	40.68	ppb
Calcium	44-1	4.60	1.28	0.72	2.20	95.55	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.61	0.32	0.44	0.46	31.46	ppb
Cobalt	59-2	0.03	0.02	0.02	0.02	29.02	ppb
Copper	63-2	0.30	0.38	0.21	0.30	28.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				102		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	54-2	10.07	10.28	4.47	8.27	39.82	ppb
Iron	56-2	7.38	7.51	5.54	6.81	16.19	ppb
Iron	57-2	9.67	10.08	5.28	8.34	31.91	ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.02	0.05	0.04	57.00	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	PB153354BL	Instrumnet Name :	P8
Client Sample ID :	PB153354BL	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 13:10:39	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.06	0.04	0.07	0.05	30.97	ppb
Lead	208-1	0.06	0.06	0.04	0.06	18.67	ppb
Lithium	6-1				99		%
Magnesium	24-2	4.46	7.18	0.95	4.20	74.36	ppb
Manganese	55-2	0.25	0.21	0.11	0.19	39.85	ppb
Molybdenum	94-1	0.09	0.14	0.08	0.10	33.26	ppb
Molybdenum	95-1	0.12	0.10	0.06	0.09	33.09	ppb
Molybdenum	96-1	0.11	0.04	0.03	0.06	75.57	ppb
Molybdenum	97-1	0.19	0.10	0.07	0.12	50.37	ppb
Molybdenum	98-1	0.08	0.11	0.05	0.08	36.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.11	-0.13	-0.17	-0.14		ppb
Phosphorus	31-2	-12.51	-13.43	-21.51	-15.81		ppb
Potassium	39-2	13.79	24.24	-6.53	10.50	148.97	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				97		%
Scandium	45-2				96		%
Selenium	82-1	-0.18	-0.09	0.05	-0.08		ppb
Selenium	77-2	-0.92	-0.92	-0.92	-0.92		ppb
Selenium	78-2	-0.75	0.25	0.11	-0.13		ppb
Silicon	28-1	-0.16	-0.61	-0.03	-0.26		ppb
Silver	107-1	-0.02	-0.01	-0.02	-0.02		ppb
Silver	109-1	-0.02	-0.03	-0.03	-0.02		ppb
Sodium	23-2	42.55	38.39	34.90	38.61	9.91	ppb
Strontium	86-1	0.06	0.07	-0.05	0.03	227.87	ppb
Strontium	88-1	0.09	0.11	0.00	0.07	81.78	ppb
Sulfur	34-1	328.91	-607.03	-57.57	-111.90		ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	0.09	0.07	0.06	0.07	26.01	ppb
Thallium	205-1	0.09	0.08	0.06	0.08	16.28	ppb
Tin	118-1	0.02	0.04	0.02	0.03	38.56	ppb
Titanium	47-1	0.09	0.02	0.19	0.10	86.49	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	266.42	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	PB153354BL	Instrumnet Name :	P8
Client Sample ID :	PB153354BL	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 13:10:39	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.02	0.02	0.02	0.02	2.35	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				99		%
Zinc	66-2	-0.01	0.18	0.14	0.11	94.16	ppb
Zirconium	90-1	0.01	0.01	-0.01	0.00	359.46	ppb
Zirconium	91-1	0.00	0.00	0.01	0.00	146.09	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	PB153354BS	Instrumnet Name :	P8
Client Sample ID :	PB153354BS	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 13:13:41	DataFile Name :	030LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38.68	39.01	35.67	37.79	4.88	ppb
Antimony	121-1	3.50	3.24	3.32	3.35	3.99	ppb
Arsenic	75-2	1.75	1.80	1.78	1.78	1.48	ppb
Barium	135-1	16.92	15.74	17.23	16.63	4.74	ppb
Barium	137-1	16.83	15.95	16.41	16.40	2.67	ppb
Beryllium	9-1	1.79	1.88	1.80	1.82	2.79	ppb
Bismuth	209-1				104		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Cadmium	108-1	1.77	1.99	2.51	2.09	18.21	ppb
Cadmium	106-1	3.03	1.00	1.25	1.76	63.01	ppb
Cadmium	111-1	2.73	2.39	2.30	2.47	9.09	ppb
Calcium	43-1	827.38	824.31	817.52	823.07	0.61	ppb
Calcium	44-1	820.07	829.46	817.64	822.39	0.76	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.29	4.69	4.12	4.36	6.69	ppb
Cobalt	59-2	1.75	1.77	1.68	1.74	2.66	ppb
Copper	63-2	3.89	3.94	3.84	3.89	1.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				99		%
Indium	115-1				102		%
Indium	115-2				97		%
Iron	54-2	375.31	371.14	341.31	362.58	5.11	ppb
Iron	56-2	365.35	380.48	352.85	366.23	3.78	ppb
Iron	57-2	360.22	370.53	334.39	355.05	5.24	ppb
Krypton	83-1						cps
Lead	206-1	1.65	1.67	1.57	1.63	3.08	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	PB153354BS	Instrumnet Name :	P8
Client Sample ID :	PB153354BS	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 13:13:41	DataFile Name :	030LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1.60	1.56	1.63	1.60	2.16	ppb
Lead	208-1	1.66	1.60	1.59	1.62	2.25	ppb
Lithium	6-1				99		%
Magnesium	24-2	912.68	934.15	863.12	903.32	4.03	ppb
Manganese	55-2	1.96	1.89	1.61	1.82	10.24	ppb
Molybdenum	94-1	9.88	9.78	9.73	9.80	0.78	ppb
Molybdenum	95-1	7.77	7.75	7.66	7.73	0.76	ppb
Molybdenum	96-1	8.18	8.41	7.85	8.15	3.45	ppb
Molybdenum	97-1	8.31	8.69	7.90	8.30	4.76	ppb
Molybdenum	98-1	8.13	7.92	8.17	8.08	1.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.05	2.26	2.11	2.14	5.06	ppb
Phosphorus	31-2	9.05	29.14	3.33	13.84	97.93	ppb
Potassium	39-2	900.41	929.62	823.20	884.41	6.22	ppb
Rhodium	103-1				103		%
Rhodium	103-2				96		%
Scandium	45-1				100		%
Scandium	45-2				93		%
Selenium	82-1	9.71	8.57	8.64	8.98	7.13	ppb
Selenium	77-2	13.60	11.11	10.20	11.64	15.12	ppb
Selenium	78-2	10.35	9.53	9.02	9.63	7.01	ppb
Silicon	28-1	0.80	0.21	0.38	0.46	65.92	ppb
Silver	107-1	1.63	1.67	1.69	1.66	1.86	ppb
Silver	109-1	1.68	1.64	1.62	1.65	1.81	ppb
Sodium	23-2	910.73	959.52	875.88	915.38	4.59	ppb
Strontium	86-1	1.88	2.02	1.76	1.89	7.03	ppb
Strontium	88-1	1.88	1.87	1.82	1.86	1.66	ppb
Sulfur	34-1	-536.82	-551.18	-498.95	-528.98		ppb
Terbium	159-1				102		%
Terbium	159-2				98		%
Thallium	203-1	1.55	1.59	1.60	1.58	1.84	ppb
Thallium	205-1	1.64	1.64	1.66	1.64	0.99	ppb
Tin	118-1	0.06	0.03	0.07	0.05	44.20	ppb
Titanium	47-1	9.30	8.03	8.10	8.48	8.41	ppb
Uranium	238-1	1.53	1.55	1.49	1.52	1.97	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	PB153354BS	Instrumnet Name :	P8
Client Sample ID :	PB153354BS	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 13:13:41	DataFile Name :	030LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	8.87	8.72	8.29	8.63	3.46	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				96		%
Zinc	66-2	9.86	9.87	9.13	9.62	4.43	ppb
Zirconium	90-1	1.61	1.56	1.58	1.58	1.62	ppb
Zirconium	91-1	1.62	1.63	1.64	1.63	0.73	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3112-04	Instrumnet Name :	P8
Client Sample ID :	X3G74	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 13:16:44	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.36	1.50	1.72	1.53	11.87	ppb
Antimony	121-1	19.66	19.54	19.70	19.63	0.42	ppb
Arsenic	75-2	11.69	11.69	11.48	11.62	1.05	ppb
Barium	135-1	48.00	48.79	50.01	48.94	2.07	ppb
Barium	137-1	50.60	49.43	50.41	50.15	1.26	ppb
Beryllium	9-1	4.24	4.21	4.14	4.20	1.16	ppb
Bismuth	209-1				102		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Cadmium	108-1	6.65	5.13	5.58	5.79	13.48	ppb
Cadmium	106-1	4.02	2.23	0.62	2.29	74.20	ppb
Cadmium	111-1	7.34	7.08	6.93	7.12	2.89	ppb
Calcium	43-1	835.72	773.71	752.39	787.28	5.50	ppb
Calcium	44-1	830.15	774.40	754.08	786.21	5.01	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.11	0.19	0.28	0.19	45.27	ppb
Cobalt	59-2	0.01	0.02	0.02	0.02	15.94	ppb
Copper	63-2	10.58	11.15	10.91	10.88	2.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				106		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	54-2	5.14	5.14	4.37	4.88	9.04	ppb
Iron	56-2	4.76	5.54	5.08	5.12	7.61	ppb
Iron	57-2	3.91	7.31	4.60	5.27	34.05	ppb
Krypton	83-1						cps
Lead	206-1	6.58	5.58	5.40	5.86	10.80	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3112-04	Instrumnet Name :	P8
Client Sample ID :	X3G74	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 13:16:44	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	6.59	5.57	5.46	5.88	10.58	ppb
Lead	208-1	6.52	5.59	5.41	5.84	10.18	ppb
Lithium	6-1				101		%
Magnesium	24-2	1.75	1.38	2.09	1.74	20.41	ppb
Manganese	55-2	14.50	14.53	14.56	14.53	0.21	ppb
Molybdenum	94-1	3.90	0.19	0.05	1.38	157.91	ppb
Molybdenum	95-1	3.59	0.08	0.13	1.27	158.55	ppb
Molybdenum	96-1	3.91	0.13	0.08	1.37	160.11	ppb
Molybdenum	97-1	3.55	0.13	0.14	1.27	154.86	ppb
Molybdenum	98-1	3.73	0.13	0.09	1.32	158.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.72	6.87	6.88	7.16	6.82	ppb
Phosphorus	31-2	-9.40	12.33	6.33	3.09	363.36	ppb
Potassium	39-2	443.36	458.44	443.03	448.28	1.96	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	82-1	26.82	27.26	27.76	27.28	1.71	ppb
Selenium	77-2	20.87	34.03	21.70	25.53	28.85	ppb
Selenium	78-2	26.59	24.05	26.62	25.76	5.73	ppb
Silicon	28-1	-0.55	-0.29	-0.62	-0.48		ppb
Silver	107-1	10.74	11.11	11.13	10.99	1.96	ppb
Silver	109-1	14.27	10.78	11.24	12.10	15.66	ppb
Sodium	23-2	739.10	776.57	777.18	764.28	2.85	ppb
Strontium	86-1	7.49	0.16	0.13	2.59	163.49	ppb
Strontium	88-1	7.70	0.18	0.14	2.68	162.69	ppb
Sulfur	34-1	-766.18	-47.12	-928.16	-580.49		ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	5.40	4.83	4.82	5.02	6.62	ppb
Thallium	205-1	5.26	4.96	4.84	5.02	4.24	ppb
Tin	118-1	0.26	-0.03	-0.02	0.07	224.45	ppb
Titanium	47-1	3.16	0.08	0.10	1.11	159.20	ppb
Uranium	238-1	0.24	0.01	0.00	0.08	160.72	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3112-04	Instrumnet Name :	P8
Client Sample ID :	X3G74	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 13:16:44	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.02	0.02	0.01	0.02	15.55	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	20.15	22.16	21.24	21.18	4.74	ppb
Zirconium	90-1	0.40	0.00	0.02	0.14	160.03	ppb
Zirconium	91-1	0.44	-0.01	0.00	0.14	182.24	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3112-05	Instrumnet Name :	P8
Client Sample ID :	X3G74D	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 13:19:46	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.54	1.01	1.36	0.97	42.50	ppb
Antimony	121-1	20.97	20.68	20.15	20.60	2.02	ppb
Arsenic	75-2	11.46	11.79	11.49	11.58	1.60	ppb
Barium	135-1	53.25	51.17	48.96	51.12	4.19	ppb
Barium	137-1	52.50	51.25	49.26	51.00	3.21	ppb
Beryllium	9-1	4.29	4.10	4.14	4.17	2.37	ppb
Bismuth	209-1				100		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Cadmium	108-1	6.08	5.64	5.26	5.66	7.22	ppb
Cadmium	106-1	5.38	1.67	-1.20	1.95	169.30	ppb
Cadmium	111-1	7.25	7.33	7.05	7.21	1.96	ppb
Calcium	43-1	796.08	750.94	759.00	768.67	3.13	ppb
Calcium	44-1	784.21	769.28	757.23	770.24	1.75	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.42	0.27	0.36	0.35	21.75	ppb
Cobalt	59-2	0.02	0.03	0.00	0.02	80.43	ppb
Copper	63-2	11.02	10.68	10.89	10.86	1.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				103		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-2	5.12	4.64	5.39	5.05	7.53	ppb
Iron	56-2	4.31	4.87	3.92	4.37	10.99	ppb
Iron	57-2	4.95	8.90	7.65	7.17	28.14	ppb
Krypton	83-1						cps
Lead	206-1	5.73	5.60	5.72	5.68	1.33	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3112-05	Instrumnet Name :	P8
Client Sample ID :	X3G74D	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 13:19:46	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	5.80	5.58	5.56	5.65	2.34	ppb
Lead	208-1	5.72	5.62	5.61	5.65	1.10	ppb
Lithium	6-1				99		%
Magnesium	24-2	-1.31	0.27	-0.41	-0.48		ppb
Manganese	55-2	14.46	15.00	13.98	14.48	3.53	ppb
Molybdenum	94-1	0.04	0.03	0.10	0.06	66.97	ppb
Molybdenum	95-1	0.04	0.07	0.05	0.05	23.24	ppb
Molybdenum	96-1	0.05	0.06	0.04	0.05	20.16	ppb
Molybdenum	97-1	0.09	0.07	0.08	0.08	15.30	ppb
Molybdenum	98-1	0.06	0.04	0.05	0.05	14.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.65	6.92	7.21	7.26	5.07	ppb
Phosphorus	31-2	-1.36	23.29	-3.01	6.31	233.62	ppb
Potassium	39-2	454.24	445.85	462.81	454.30	1.87	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				98		%
Scandium	45-2				98		%
Selenium	82-1	27.26	27.38	28.34	27.66	2.14	ppb
Selenium	77-2	18.86	32.70	31.06	27.54	27.46	ppb
Selenium	78-2	23.60	25.35	28.34	25.76	9.30	ppb
Silicon	28-1	0.03	0.56	-0.16	0.14	258.79	ppb
Silver	107-1	12.07	10.90	11.06	11.35	5.57	ppb
Silver	109-1	11.57	11.40	11.18	11.38	1.70	ppb
Sodium	23-2	772.02	770.34	762.73	768.36	0.64	ppb
Strontium	86-1	0.08	0.13	0.03	0.08	64.08	ppb
Strontium	88-1	0.08	0.08	0.07	0.08	8.63	ppb
Sulfur	34-1	320.88	-366.10	-153.55	-66.26		ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	4.79	4.79	5.02	4.87	2.71	ppb
Thallium	205-1	5.06	4.98	4.96	5.00	1.04	ppb
Tin	118-1	0.04	0.01	0.02	0.02	73.24	ppb
Titanium	47-1	0.15	0.05	-0.02	0.06	146.80	ppb
Uranium	238-1	0.00	0.00	0.01	0.00	35.91	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3112-05	Instrumnet Name :	P8
Client Sample ID :	X3G74D	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 13:19:46	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.02	0.00	0.01	179.99	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				99		%
Zinc	66-2	21.52	20.54	19.33	20.46	5.36	ppb
Zirconium	90-1	0.02	0.01	0.01	0.01	57.15	ppb
Zirconium	91-1	-0.01	0.02	-0.01	0.00	1463.74	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3112-04LX5	Instrumnet Name :	P8
Client Sample ID :	X3G74L	Dilution Factor :	5
Date & Time Acquired :	2023-06-13 13:22:50	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.80	0.62	0.91	0.78	18.78	ppb
Antimony	121-1	4.05	3.90	3.91	3.96	2.11	ppb
Arsenic	75-2	2.30	2.26	2.44	2.33	4.08	ppb
Barium	135-1	9.46	9.53	9.63	9.54	0.87	ppb
Barium	137-1	9.82	9.57	10.11	9.83	2.76	ppb
Beryllium	9-1	0.87	0.91	0.90	0.89	2.51	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Cadmium	108-1	0.95	1.54	1.65	1.38	27.05	ppb
Cadmium	106-1	0.67	-3.88	-3.82	-2.35		ppb
Cadmium	111-1	1.43	1.25	1.21	1.29	9.02	ppb
Calcium	43-1	154.53	150.54	147.11	150.72	2.46	ppb
Calcium	44-1	149.75	153.16	148.50	150.47	1.60	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.66	1.69	1.57	1.64	3.98	ppb
Cobalt	59-2	0.01	0.03	0.01	0.02	65.41	ppb
Copper	63-2	2.23	2.23	2.37	2.28	3.76	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				102		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	54-2	10.09	9.40	13.63	11.04	20.58	ppb
Iron	56-2	9.41	8.89	9.87	9.39	5.19	ppb
Iron	57-2	9.51	10.75	10.51	10.25	6.41	ppb
Krypton	83-1						cps
Lead	206-1	1.07	1.12	1.19	1.13	5.48	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3112-04LX5	Instrumnet Name :	P8
Client Sample ID :	X3G74L	Dilution Factor :	5
Date & Time Acquired :	2023-06-13 13:22:50	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1.08	1.05	1.12	1.08	3.19	ppb
Lead	208-1	1.06	1.11	1.16	1.11	4.36	ppb
Lithium	6-1				99		%
Magnesium	24-2	1.18	-1.65	1.78	0.43	420.76	ppb
Manganese	55-2	2.92	3.03	3.07	3.00	2.61	ppb
Molybdenum	94-1	0.04	0.03	0.11	0.06	67.44	ppb
Molybdenum	95-1	0.06	0.08	0.06	0.07	18.35	ppb
Molybdenum	96-1	0.04	0.04	0.10	0.06	57.27	ppb
Molybdenum	97-1	0.06	0.06	0.04	0.05	26.62	ppb
Molybdenum	98-1	0.05	0.06	0.06	0.05	11.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.85	1.46	1.62	1.64	11.76	ppb
Phosphorus	31-2	-18.37	-23.42	31.15	-3.55		ppb
Potassium	39-2	88.70	103.31	107.38	99.80	9.84	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				99		%
Scandium	45-2				96		%
Selenium	82-1	5.88	5.04	5.54	5.49	7.68	ppb
Selenium	77-2	1.97	7.61	1.89	3.83	85.76	ppb
Selenium	78-2	6.07	5.79	4.93	5.60	10.59	ppb
Silicon	28-1	-0.67	-0.26	-0.46	-0.46		ppb
Silver	107-1	2.24	2.19	2.17	2.20	1.62	ppb
Silver	109-1	2.23	2.19	2.16	2.19	1.76	ppb
Sodium	23-2	171.30	172.33	175.93	173.19	1.40	ppb
Strontium	86-1	0.00	-0.10	-0.02	-0.04		ppb
Strontium	88-1	0.03	0.03	0.01	0.02	54.57	ppb
Sulfur	34-1	-183.56	60.36	-480.13	-201.11		ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	0.96	1.03	1.09	1.03	6.19	ppb
Thallium	205-1	1.07	1.05	1.01	1.04	2.66	ppb
Tin	118-1	0.01	0.05	0.04	0.03	67.63	ppb
Titanium	47-1	0.01	0.05	0.13	0.06	102.66	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	125.33	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3112-04LX5	Instrumnet Name :	P8
Client Sample ID :	X3G74L	Dilution Factor :	5
Date & Time Acquired :	2023-06-13 13:22:50	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.02	0.02	0.01	0.01	34.31	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				98		%
Zinc	66-2	4.03	4.31	4.72	4.35	8.03	ppb
Zirconium	90-1	0.00	0.00	-0.01	0.00		ppb
Zirconium	91-1	-0.01	0.02	0.01	0.01	189.99	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3112-06	Instrumnet Name :	P8
Client Sample ID :	X3G74S	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 13:25:53	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2179.47	2212.09	2187.68	2193.08	0.77	ppb
Antimony	121-1	122.34	122.38	122.01	122.24	0.17	ppb
Arsenic	75-2	50.70	52.54	53.27	52.17	2.53	ppb
Barium	135-1	2368.78	2330.83	2340.00	2346.54	0.84	ppb
Barium	137-1	2327.66	2368.28	2303.29	2333.08	1.41	ppb
Beryllium	9-1	59.63	59.11	61.35	60.03	1.95	ppb
Bismuth	209-1				100		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Cadmium	108-1	47.02	48.53	49.25	48.27	2.35	ppb
Cadmium	106-1	46.88	47.10	42.70	45.56	5.44	ppb
Cadmium	111-1	61.57	62.03	60.42	61.34	1.35	ppb
Calcium	43-1	777.96	755.94	767.19	767.03	1.44	ppb
Calcium	44-1	767.63	760.79	745.39	757.94	1.50	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	220.32	225.80	223.20	223.10	1.23	ppb
Cobalt	59-2	546.19	558.45	550.52	551.72	1.13	ppb
Copper	63-2	280.55	284.12	280.32	281.66	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				102		%
Holmium	165-2				104		%
Indium	115-1				100		%
Indium	115-2				101		%
Iron	54-2	1298.74	1312.79	1302.95	1304.83	0.55	ppb
Iron	56-2	1139.42	1163.65	1123.58	1142.22	1.77	ppb
Iron	57-2	1104.93	1145.16	1122.79	1124.29	1.79	ppb
Krypton	83-1						cps
Lead	206-1	24.65	25.08	24.43	24.72	1.35	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3112-06	Instrumnet Name :	P8
Client Sample ID :	X3G74S	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 13:25:53	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	24.40	24.46	24.48	24.45	0.16	ppb
Lead	208-1	24.73	24.66	24.86	24.75	0.42	ppb
Lithium	6-1				100		%
Magnesium	24-2	2.49	2.98	-0.23	1.75	99.12	ppb
Manganese	55-2	538.05	545.21	537.79	540.35	0.78	ppb
Molybdenum	94-1	0.13	0.08	0.13	0.11	25.81	ppb
Molybdenum	95-1	0.13	0.09	0.11	0.11	17.69	ppb
Molybdenum	96-1	0.15	0.11	0.10	0.12	20.13	ppb
Molybdenum	97-1	0.17	0.14	0.13	0.15	16.03	ppb
Molybdenum	98-1	0.14	0.10	0.15	0.13	20.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	579.01	591.49	583.67	584.72	1.08	ppb
Phosphorus	31-2	-21.04	-41.97	-20.76	-27.92		ppb
Potassium	39-2	440.56	442.96	453.58	445.70	1.55	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	82-1	136.13	133.32	136.40	135.28	1.26	ppb
Selenium	77-2	117.83	146.53	108.74	124.37	15.86	ppb
Selenium	78-2	136.12	131.74	139.76	135.87	2.95	ppb
Silicon	28-1	-0.10	-0.21	-0.51	-0.28		ppb
Silver	107-1	56.68	56.92	55.46	56.36	1.39	ppb
Silver	109-1	55.81	56.55	55.50	55.95	0.97	ppb
Sodium	23-2	769.23	786.74	768.36	774.78	1.34	ppb
Strontium	86-1	0.18	0.11	0.13	0.14	23.58	ppb
Strontium	88-1	0.13	0.13	0.13	0.13	2.09	ppb
Sulfur	34-1	-201.62	-417.74	-1016.05	-545.13		ppb
Terbium	159-1				100		%
Terbium	159-2				102		%
Thallium	203-1	52.31	51.48	51.66	51.82	0.84	ppb
Thallium	205-1	53.52	53.73	53.50	53.58	0.24	ppb
Tin	118-1	0.03	0.00	0.01	0.01	80.95	ppb
Titanium	47-1	0.02	0.02	0.06	0.03	66.45	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	20.52	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3112-06	Instrumnet Name :	P8
Client Sample ID :	X3G74S	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 13:25:53	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	546.21	553.26	543.82	547.77	0.90	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				99		%
Zinc	66-2	563.55	585.86	576.70	575.37	1.95	ppb
Zirconium	90-1	0.02	0.00	0.01	0.01	76.33	ppb
Zirconium	91-1	0.05	0.01	0.03	0.03	63.49	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3112-16	Instrumnet Name :	P8
Client Sample ID :	X3G78	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 13:28:56	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	292.86	283.83	278.83	285.17	2.49	ppb
Antimony	121-1	24.55	24.51	24.69	24.58	0.38	ppb
Arsenic	75-2	32.09	30.16	29.86	30.71	3.93	ppb
Barium	135-1	63.04	65.53	65.67	64.75	2.29	ppb
Barium	137-1	65.80	65.68	64.41	65.30	1.18	ppb
Beryllium	9-1	26.23	25.98	26.08	26.10	0.48	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Cadmium	108-1	12.58	12.64	12.33	12.52	1.30	ppb
Cadmium	106-1	10.55	10.45	9.54	10.18	5.48	ppb
Cadmium	111-1	16.70	15.86	16.30	16.28	2.59	ppb
Calcium	43-1	322.70	311.48	330.35	321.51	2.95	ppb
Calcium	44-1	313.73	316.81	328.26	319.60	2.39	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	39.95	38.88	38.53	39.12	1.88	ppb
Cobalt	59-2	41.83	40.46	40.14	40.81	2.21	ppb
Copper	63-2	28.44	27.74	27.26	27.81	2.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				97		%
Iron	54-2	318.24	291.90	295.24	301.79	4.75	ppb
Iron	56-2	284.79	268.96	269.89	274.55	3.24	ppb
Iron	57-2	263.63	248.05	276.70	262.79	5.46	ppb
Krypton	83-1						cps
Lead	206-1	26.86	26.61	26.50	26.66	0.69	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3112-16	Instrumnet Name :	P8
Client Sample ID :	X3G78	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 13:28:56	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	26.21	27.00	26.78	26.66	1.53	ppb
Lead	208-1	25.93	26.68	26.69	26.43	1.65	ppb
Lithium	6-1				105		%
Magnesium	24-2	101.17	90.03	93.12	94.77	6.07	ppb
Manganese	55-2	21.39	20.29	20.01	20.56	3.55	ppb
Molybdenum	94-1	2.22	1.89	2.20	2.10	8.82	ppb
Molybdenum	95-1	0.19	0.14	0.14	0.16	15.85	ppb
Molybdenum	96-1	0.31	0.30	0.34	0.32	7.04	ppb
Molybdenum	97-1	0.11	0.16	0.15	0.14	18.08	ppb
Molybdenum	98-1	0.17	0.13	0.10	0.13	26.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	45.34	43.04	42.30	43.56	3.65	ppb
Phosphorus	31-2	42.13	-9.46	-0.34	10.78	255.53	ppb
Potassium	39-2	128.48	123.99	118.09	123.52	4.22	ppb
Rhodium	103-1				103		%
Rhodium	103-2				99		%
Scandium	45-1				103		%
Scandium	45-2				95		%
Selenium	82-1	34.37	32.39	33.73	33.49	3.02	ppb
Selenium	77-2	37.19	43.94	43.47	41.53	9.07	ppb
Selenium	78-2	35.64	34.43	38.40	36.16	5.64	ppb
Silicon	28-1	25.90	8.46	9.67	14.68	66.36	ppb
Silver	107-1	8.29	8.21	7.95	8.15	2.18	ppb
Silver	109-1	8.08	7.82	7.95	7.95	1.62	ppb
Sodium	23-2	176.07	167.69	175.70	173.16	2.73	ppb
Strontium	86-1	2.99	3.11	3.29	3.13	4.89	ppb
Strontium	88-1	3.05	3.11	3.13	3.10	1.32	ppb
Sulfur	34-1	-1213.94	-1424.89	-564.45	-1067.76		ppb
Terbium	159-1				105		%
Terbium	159-2				100		%
Thallium	203-1	12.82	12.84	13.34	13.00	2.27	ppb
Thallium	205-1	13.10	13.39	13.57	13.35	1.81	ppb
Tin	118-1	0.17	0.26	0.27	0.24	22.52	ppb
Titanium	47-1	3.32	2.75	3.32	3.13	10.52	ppb
Uranium	238-1	0.05	0.05	0.05	0.05	3.62	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3112-16	Instrumnet Name :	P8
Client Sample ID :	X3G78	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 13:28:56	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	1.36	1.11	1.20	1.22	10.26	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				97		%
Zinc	66-2	7.26	7.47	7.23	7.32	1.83	ppb
Zirconium	90-1	0.95	1.00	1.01	0.98	3.24	ppb
Zirconium	91-1	1.01	1.09	1.00	1.03	4.52	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3112-17	Instrumnet Name :	P8
Client Sample ID :	X3G78D	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 13:31:57	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	280.96	291.05	283.68	285.23	1.83	ppb
Antimony	121-1	27.87	25.09	24.88	25.95	6.44	ppb
Arsenic	75-2	30.60	31.10	31.03	30.91	0.87	ppb
Barium	135-1	69.23	63.38	64.51	65.70	4.72	ppb
Barium	137-1	69.27	64.07	61.97	65.11	5.77	ppb
Beryllium	9-1	27.60	26.27	26.07	26.65	3.11	ppb
Bismuth	209-1				100		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Cadmium	108-1	14.21	12.18	13.55	13.31	7.77	ppb
Cadmium	106-1	15.48	9.10	9.54	11.37	31.32	ppb
Cadmium	111-1	18.39	17.29	17.22	17.63	3.71	ppb
Calcium	43-1	346.95	333.60	318.11	332.88	4.34	ppb
Calcium	44-1	364.17	337.53	330.59	344.10	5.15	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	39.40	39.11	39.62	39.38	0.64	ppb
Cobalt	59-2	41.61	41.29	40.31	41.07	1.65	ppb
Copper	63-2	27.95	28.61	27.61	28.06	1.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	54-2	335.44	341.87	318.29	331.86	3.67	ppb
Iron	56-2	305.09	302.23	300.86	302.72	0.71	ppb
Iron	57-2	299.06	289.97	291.07	293.37	1.69	ppb
Krypton	83-1						cps
Lead	206-1	28.59	25.61	27.19	27.13	5.49	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3112-17	Instrumnet Name :	P8
Client Sample ID :	X3G78D	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 13:31:57	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	29.01	25.98	26.86	27.28	5.71	ppb
Lead	208-1	28.69	26.16	26.79	27.22	4.84	ppb
Lithium	6-1				105		%
Magnesium	24-2	89.61	94.71	90.08	91.47	3.08	ppb
Manganese	55-2	19.75	20.57	20.14	20.15	2.03	ppb
Molybdenum	94-1	2.21	2.18	1.95	2.11	6.52	ppb
Molybdenum	95-1	0.17	0.15	0.08	0.13	34.41	ppb
Molybdenum	96-1	0.42	0.37	0.27	0.35	20.76	ppb
Molybdenum	97-1	0.15	0.13	0.13	0.14	9.89	ppb
Molybdenum	98-1	0.17	0.15	0.12	0.14	18.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	42.27	44.10	43.34	43.24	2.12	ppb
Phosphorus	31-2	-17.05	-26.07	0.97	-14.05		ppb
Potassium	39-2	129.33	130.22	118.54	126.03	5.16	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				95		%
Selenium	82-1	39.37	35.21	35.06	36.55	6.69	ppb
Selenium	77-2	30.93	31.99	33.63	32.18	4.24	ppb
Selenium	78-2	37.33	35.33	34.43	35.70	4.15	ppb
Silicon	28-1	11.49	9.78	9.85	10.37	9.29	ppb
Silver	107-1	9.05	8.14	8.25	8.48	5.87	ppb
Silver	109-1	8.94	8.24	8.21	8.46	4.84	ppb
Sodium	23-2	177.15	193.56	190.55	187.09	4.67	ppb
Strontium	86-1	3.37	2.65	2.90	2.98	12.27	ppb
Strontium	88-1	3.04	2.75	2.81	2.87	5.47	ppb
Sulfur	34-1	686.37	-864.67	-926.32	-368.21		ppb
Terbium	159-1				101		%
Terbium	159-2				98		%
Thallium	203-1	13.78	13.15	13.26	13.40	2.49	ppb
Thallium	205-1	14.18	13.24	13.61	13.68	3.48	ppb
Tin	118-1	0.27	0.19	0.30	0.25	21.98	ppb
Titanium	47-1	3.22	3.35	3.32	3.30	2.13	ppb
Uranium	238-1	0.05	0.05	0.05	0.05	5.25	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3112-17	Instrumnet Name :	P8
Client Sample ID :	X3G78D	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 13:31:57	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	1.39	1.47	1.43	1.43	3.05	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				97		%
Zinc	66-2	1.98	2.04	2.12	2.05	3.64	ppb
Zirconium	90-1	1.22	0.98	1.09	1.09	11.19	ppb
Zirconium	91-1	1.13	0.95	0.87	0.99	13.45	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3112-17RE	Instrumnet Name :	P8
Client Sample ID :	X3G78DRE	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 13:35:00	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	285.54	283.07	258.53	275.71	5.42	ppb
Antimony	121-1	21.65	24.30	25.98	23.98	9.12	ppb
Arsenic	75-2	31.44	31.04	27.75	30.08	6.75	ppb
Barium	135-1	55.06	60.44	63.44	59.65	7.11	ppb
Barium	137-1	53.99	63.49	62.64	60.04	8.76	ppb
Beryllium	9-1	24.09	25.90	24.80	24.93	3.67	ppb
Bismuth	209-1				106		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Cadmium	108-1	11.38	14.32	13.48	13.06	11.58	ppb
Cadmium	106-1	9.48	10.38	9.69	9.85	4.76	ppb
Cadmium	111-1	15.74	16.93	17.01	16.56	4.28	ppb
Calcium	43-1	291.61	324.01	328.51	314.71	6.40	ppb
Calcium	44-1	290.87	333.59	335.88	320.11	7.92	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	40.03	38.66	35.08	37.92	6.75	ppb
Cobalt	59-2	41.37	40.44	36.78	39.53	6.14	ppb
Copper	63-2	27.96	27.67	25.11	26.92	5.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				107		%
Indium	115-1				105		%
Indium	115-2				103		%
Iron	54-2	323.96	324.46	283.07	310.50	7.65	ppb
Iron	56-2	301.02	297.89	265.52	288.14	6.82	ppb
Iron	57-2	284.94	283.73	281.44	283.37	0.63	ppb
Krypton	83-1						cps
Lead	206-1	24.18	26.19	26.07	25.48	4.42	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3112-17RE	Instrumnet Name :	P8
Client Sample ID :	X3G78DRE	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 13:35:00	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	23.58	25.59	26.27	25.15	5.55	ppb
Lead	208-1	23.76	25.77	26.15	25.23	5.09	ppb
Lithium	6-1				111		%
Magnesium	24-2	91.81	91.40	80.30	87.83	7.43	ppb
Manganese	55-2	19.80	20.04	17.68	19.17	6.78	ppb
Molybdenum	94-1	1.71	1.92	2.08	1.90	9.76	ppb
Molybdenum	95-1	0.10	0.10	0.05	0.08	34.66	ppb
Molybdenum	96-1	0.27	0.31	0.31	0.30	6.79	ppb
Molybdenum	97-1	0.09	0.10	0.16	0.11	33.62	ppb
Molybdenum	98-1	0.09	0.12	0.10	0.10	13.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	43.80	42.47	38.62	41.63	6.45	ppb
Phosphorus	31-2	-54.83	30.22	-8.02	-10.88		ppb
Potassium	39-2	124.86	126.58	74.70	108.71	27.11	ppb
Rhodium	103-1				106		%
Rhodium	103-2				104		%
Scandium	45-1				105		%
Scandium	45-2				99		%
Selenium	82-1	31.56	34.04	34.49	33.36	4.73	ppb
Selenium	77-2	26.14	28.67	30.38	28.40	7.52	ppb
Selenium	78-2	37.42	33.74	27.16	32.77	15.87	ppb
Silicon	28-1	6.32	8.88	8.44	7.88	17.39	ppb
Silver	107-1	7.24	8.14	8.35	7.91	7.49	ppb
Silver	109-1	7.19	8.32	8.27	7.93	8.02	ppb
Sodium	23-2	195.85	204.08	177.19	192.37	7.16	ppb
Strontium	86-1	2.45	2.57	2.75	2.59	5.90	ppb
Strontium	88-1	2.47	2.84	2.86	2.72	7.92	ppb
Sulfur	34-1	-2601.64	-836.06	-737.26	-1391.65		ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	12.16	12.74	12.98	12.63	3.35	ppb
Thallium	205-1	11.95	13.10	13.11	12.72	5.26	ppb
Tin	118-1	0.13	0.15	0.24	0.17	32.00	ppb
Titanium	47-1	2.62	3.27	3.27	3.06	12.29	ppb
Uranium	238-1	0.05	0.05	0.05	0.05	4.46	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3112-17RE	Instrumnet Name :	P8
Client Sample ID :	X3G78DRE	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 13:35:00	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	1.39	1.39	1.23	1.34	7.09	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				101		%
Zinc	66-2	2.08	2.40	1.98	2.16	10.26	ppb
Zirconium	90-1	0.96	0.95	1.06	0.99	5.85	ppb
Zirconium	91-1	0.90	1.06	0.97	0.98	8.07	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3112-16LX5	Instrumnet Name :	P8
Client Sample ID :	X3G78L	Dilution Factor :	5
Date & Time Acquired :	2023-06-13 13:38:01	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	58.06	59.06	56.22	57.78	2.49	ppb
Antimony	121-1	4.81	4.70	5.42	4.98	7.80	ppb
Arsenic	75-2	6.26	6.29	5.68	6.08	5.64	ppb
Barium	135-1	13.08	12.77	13.94	13.26	4.55	ppb
Barium	137-1	12.83	13.20	14.34	13.46	5.83	ppb
Beryllium	9-1	5.06	5.07	5.39	5.17	3.69	ppb
Bismuth	209-1				98		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Cadmium	108-1	3.48	2.66	1.82	2.65	31.33	ppb
Cadmium	106-1	2.00	-0.85	1.15	0.77	191.75	ppb
Cadmium	111-1	3.10	3.01	3.53	3.21	8.72	ppb
Calcium	43-1	60.04	64.17	79.84	68.01	15.36	ppb
Calcium	44-1	73.89	74.34	80.94	76.39	5.17	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	8.03	7.67	8.03	7.91	2.60	ppb
Cobalt	59-2	8.10	7.87	7.98	7.98	1.43	ppb
Copper	63-2	5.86	5.66	5.70	5.74	1.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				101		%
Indium	115-1				97		%
Indium	115-2				97		%
Iron	54-2	61.45	63.03	55.57	60.02	6.55	ppb
Iron	56-2	55.22	53.82	52.50	53.85	2.53	ppb
Iron	57-2	55.74	53.00	54.37	54.37	2.53	ppb
Krypton	83-1						cps
Lead	206-1	5.20	5.42	5.88	5.50	6.39	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3112-16LX5	Instrumnet Name :	P8
Client Sample ID :	X3G78L	Dilution Factor :	5
Date & Time Acquired :	2023-06-13 13:38:01	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	5.05	5.44	5.87	5.45	7.54	ppb
Lead	208-1	5.15	5.29	5.82	5.42	6.58	ppb
Lithium	6-1				102		%
Magnesium	24-2	18.06	17.89	17.88	17.94	0.56	ppb
Manganese	55-2	4.08	4.16	4.01	4.08	1.88	ppb
Molybdenum	94-1	0.36	0.46	0.47	0.43	14.18	ppb
Molybdenum	95-1	0.05	0.05	0.08	0.06	30.38	ppb
Molybdenum	96-1	0.12	0.13	0.11	0.12	8.11	ppb
Molybdenum	97-1	0.06	0.05	0.12	0.07	51.33	ppb
Molybdenum	98-1	0.03	0.07	0.07	0.06	40.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.75	8.10	7.65	8.17	6.80	ppb
Phosphorus	31-2	-32.49	-38.62	-20.43	-30.51		ppb
Potassium	39-2	40.33	24.91	40.65	35.29	25.49	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				94		%
Scandium	45-2				93		%
Selenium	82-1	6.75	6.22	6.38	6.45	4.22	ppb
Selenium	77-2	13.57	2.01	7.75	7.78	74.34	ppb
Selenium	78-2	6.35	6.97	6.58	6.64	4.71	ppb
Silicon	28-1	2.08	1.85	2.78	2.23	21.67	ppb
Silver	107-1	1.61	1.52	1.75	1.63	7.29	ppb
Silver	109-1	1.60	1.48	1.73	1.60	7.97	ppb
Sodium	23-2	99.15	104.13	102.71	102.00	2.52	ppb
Strontium	86-1	0.57	0.52	0.84	0.64	26.97	ppb
Strontium	88-1	0.58	0.63	0.62	0.61	3.84	ppb
Sulfur	34-1	-324.65	-385.12	1081.48	123.90	669.74	ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	2.33	2.56	2.86	2.58	10.24	ppb
Thallium	205-1	2.45	2.65	2.75	2.62	5.79	ppb
Tin	118-1	0.02	0.05	0.06	0.04	50.49	ppb
Titanium	47-1	0.65	0.67	0.80	0.71	11.39	ppb
Uranium	238-1	0.00	0.01	0.01	0.01	51.68	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3112-16LX5	Instrumnet Name :	P8
Client Sample ID :	X3G78L	Dilution Factor :	5
Date & Time Acquired :	2023-06-13 13:38:01	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.26	0.30	0.22	0.26	16.70	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				96		%
Yttrium	89-2				96		%
Zinc	66-2	1.07	1.10	0.90	1.02	10.54	ppb
Zirconium	90-1	0.21	0.20	0.22	0.21	3.52	ppb
Zirconium	91-1	0.19	0.24	0.35	0.26	30.55	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3112-18	Instrumnet Name :	P8
Client Sample ID :	X3G78S	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 13:41:04	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	751.29	742.99	756.38	750.22	0.90	ppb
Antimony	121-1	49.81	45.70	46.36	47.29	4.66	ppb
Arsenic	75-2	39.45	40.30	39.86	39.87	1.07	ppb
Barium	135-1	561.34	519.19	510.03	530.19	5.16	ppb
Barium	137-1	562.45	526.74	519.75	536.32	4.27	ppb
Beryllium	9-1	39.97	36.05	36.66	37.56	5.61	ppb
Bismuth	209-1				99		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Cadmium	108-1	23.82	20.68	24.39	22.96	8.70	ppb
Cadmium	106-1	25.60	21.16	19.08	21.95	15.17	ppb
Cadmium	111-1	31.03	28.39	27.84	29.09	5.86	ppb
Calcium	43-1	361.56	324.21	333.30	339.69	5.73	ppb
Calcium	44-1	377.12	335.96	339.07	350.72	6.54	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	86.71	84.69	86.98	86.13	1.46	ppb
Cobalt	59-2	157.85	154.48	158.16	156.83	1.30	ppb
Copper	63-2	84.20	83.25	84.96	84.13	1.02	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				100		%
Holmium	165-2				101		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	54-2	643.27	610.51	652.56	635.45	3.48	ppb
Iron	56-2	591.75	579.82	589.84	587.14	1.09	ppb
Iron	57-2	585.99	595.05	563.56	581.53	2.79	ppb
Krypton	83-1						cps
Lead	206-1	33.41	31.30	30.60	31.77	4.60	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3112-18	Instrumnet Name :	P8
Client Sample ID :	X3G78S	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 13:41:04	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	33.52	31.09	30.80	31.80	4.70	ppb
Lead	208-1	33.36	30.85	30.33	31.52	5.15	ppb
Lithium	6-1				106		%
Magnesium	24-2	97.76	94.13	96.29	96.06	1.90	ppb
Manganese	55-2	130.55	129.35	129.72	129.87	0.47	ppb
Molybdenum	94-1	2.30	2.23	2.10	2.21	4.65	ppb
Molybdenum	95-1	0.14	0.11	0.06	0.10	39.88	ppb
Molybdenum	96-1	0.35	0.26	0.32	0.31	15.10	ppb
Molybdenum	97-1	0.21	0.13	0.14	0.16	24.78	ppb
Molybdenum	98-1	0.14	0.13	0.06	0.11	40.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	166.85	161.72	165.77	164.78	1.64	ppb
Phosphorus	31-2	-7.95	9.29	12.00	4.44	243.39	ppb
Potassium	39-2	120.29	103.00	117.21	113.50	8.12	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				96		%
Scandium	45-2				95		%
Selenium	82-1	64.27	59.82	56.03	60.04	6.87	ppb
Selenium	77-2	63.64	62.74	55.36	60.58	7.50	ppb
Selenium	78-2	59.68	58.17	56.09	57.98	3.11	ppb
Silicon	28-1	14.09	10.05	10.33	11.49	19.63	ppb
Silver	107-1	19.12	17.53	17.88	18.18	4.60	ppb
Silver	109-1	19.35	17.82	17.42	18.20	5.61	ppb
Sodium	23-2	194.88	188.63	199.85	194.45	2.89	ppb
Strontium	86-1	3.07	2.65	3.06	2.93	8.13	ppb
Strontium	88-1	3.05	2.83	2.85	2.91	4.18	ppb
Sulfur	34-1	1204.57	-785.67	-891.38	-157.49		ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	24.30	23.73	22.54	23.52	3.80	ppb
Thallium	205-1	25.53	23.50	23.02	24.02	5.56	ppb
Tin	118-1	0.17	0.14	0.15	0.15	10.87	ppb
Titanium	47-1	4.25	3.92	3.63	3.93	7.94	ppb
Uranium	238-1	0.06	0.05	0.05	0.05	8.49	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3112-18	Instrumnet Name :	P8
Client Sample ID :	X3G78S	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 13:41:04	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	116.16	112.76	116.52	115.15	1.80	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				96		%
Zinc	66-2	117.95	117.46	118.02	117.81	0.26	ppb
Zirconium	90-1	1.26	1.09	1.11	1.15	8.20	ppb
Zirconium	91-1	1.04	1.08	1.04	1.05	2.15	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P8
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 13:44:06	DataFile Name :	040CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52479.60	52440.85	51215.13	52045.19	1.38	ppb
Antimony	121-1	490.67	493.77	490.16	491.53	0.40	ppb
Arsenic	75-2	503.91	501.04	506.29	503.75	0.52	ppb
Barium	135-1	2583.86	2595.01	2657.45	2612.11	1.52	ppb
Barium	137-1	2579.90	2600.23	2596.95	2592.36	0.42	ppb
Beryllium	9-1	485.01	489.74	484.17	486.31	0.62	ppb
Bismuth	209-1				94		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Cadmium	108-1	500.05	497.60	496.93	498.19	0.33	ppb
Cadmium	106-1	487.79	498.58	492.38	492.92	1.10	ppb
Cadmium	111-1	489.92	492.13	488.37	490.14	0.38	ppb
Calcium	43-1	276512.04	275542.43	269837.03	273963.83	1.32	ppb
Calcium	44-1	271640.59	262360.85	265872.46	266624.63	1.76	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	514.79	515.95	507.81	512.85	0.86	ppb
Cobalt	59-2	500.09	494.33	487.44	493.96	1.28	ppb
Copper	63-2	5270.55	5191.04	5189.90	5217.16	0.89	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				101		%
Indium	115-1				94		%
Indium	115-2				93		%
Iron	54-2	133381.67	130937.71	128685.81	131001.73	1.79	ppb
Iron	56-2	130445.08	131013.52	129234.05	130230.88	0.70	ppb
Iron	57-2	134912.72	131448.63	131187.98	132516.44	1.57	ppb
Krypton	83-1						cps
Lead	206-1	2702.75	2722.73	2671.42	2698.97	0.96	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P8
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 13:44:06	DataFile Name :	040CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2675.09	2634.25	2651.01	2653.45	0.77	ppb
Lead	208-1	2706.86	2661.66	2654.91	2674.47	1.06	ppb
Lithium	6-1				101		%
Magnesium	24-2	259008.29	257822.64	253443.17	256758.03	1.14	ppb
Manganese	55-2	5258.69	5162.53	5145.58	5188.93	1.18	ppb
Molybdenum	94-1	5467.43	5322.13	5279.72	5356.43	1.84	ppb
Molybdenum	95-1	5318.49	5327.92	5305.15	5317.18	0.22	ppb
Molybdenum	96-1	5333.43	5401.18	5430.70	5388.43	0.93	ppb
Molybdenum	97-1	5397.75	5339.28	5319.59	5352.21	0.76	ppb
Molybdenum	98-1	5424.02	5343.31	5324.32	5363.88	0.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	510.81	506.46	501.42	506.23	0.93	ppb
Phosphorus	31-2	10340.70	10478.85	10014.77	10278.11	2.32	ppb
Potassium	39-2	127545.43	125863.89	125587.27	126332.20	0.84	ppb
Rhodium	103-1				92		%
Rhodium	103-2				91		%
Scandium	45-1				98		%
Scandium	45-2				95		%
Selenium	82-1	500.45	498.59	486.36	495.13	1.55	ppb
Selenium	77-2	498.14	512.07	475.45	495.22	3.73	ppb
Selenium	78-2	503.14	503.72	497.74	501.53	0.66	ppb
Silicon	28-1	627.55	632.47	614.58	624.87	1.48	ppb
Silver	107-1	498.72	495.14	494.80	496.22	0.44	ppb
Silver	109-1	500.01	493.31	501.22	498.18	0.86	ppb
Sodium	23-2	260678.17	259572.76	256485.74	258912.22	0.84	ppb
Strontium	86-1	13481.84	13388.60	13206.51	13358.98	1.05	ppb
Strontium	88-1	13417.58	13245.61	13024.68	13229.29	1.49	ppb
Sulfur	34-1	11720.90	11140.88	10168.24	11010.01	7.13	ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	546.69	537.81	537.98	540.83	0.94	ppb
Thallium	205-1	553.19	549.87	533.62	545.56	1.92	ppb
Tin	118-1	498.80	523.25	505.84	509.30	2.47	ppb
Titanium	47-1	5351.87	5244.35	5283.88	5293.37	1.03	ppb
Uranium	238-1	557.64	537.57	546.77	547.33	1.84	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P8
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 13:44:06	DataFile Name :	040CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	517.55	520.36	508.66	515.52	1.18	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				96		%
Zinc	66-2	4900.16	4901.35	4823.80	4875.10	0.91	ppb
Zirconium	90-1	540.24	532.17	530.30	534.24	0.99	ppb
Zirconium	91-1	525.74	517.04	521.25	521.34	0.83	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P8
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 13:51:44	DataFile Name :	041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.22	0.71	1.48	1.47	51.40	ppb
Antimony	121-1	0.08	0.08	0.09	0.08	3.52	ppb
Arsenic	75-2	0.11	0.00	0.02	0.04	137.25	ppb
Barium	135-1	0.13	0.10	0.04	0.09	54.67	ppb
Barium	137-1	0.10	0.16	0.09	0.11	31.85	ppb
Beryllium	9-1	0.16	0.15	0.18	0.16	7.51	ppb
Bismuth	209-1				99		%
Bismuth	209-2				91		%
Bromine	81-1						cps
Cadmium	108-1	0.13	0.02	0.14	0.10	68.31	ppb
Cadmium	106-1	-5.21	-7.26	-3.83	-5.44		ppb
Cadmium	111-1	-0.18	-0.28	-0.12	-0.19		ppb
Calcium	43-1	10.22	9.69	5.39	8.43	31.39	ppb
Calcium	44-1	13.49	11.15	8.88	11.17	20.64	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.94	0.38	0.43	0.58	53.40	ppb
Cobalt	59-2	0.05	0.02	0.03	0.03	52.62	ppb
Copper	63-2	0.74	0.52	0.48	0.58	24.32	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				99		%
Holmium	165-2				90		%
Indium	115-1				98		%
Indium	115-2				86		%
Iron	54-2	11.46	8.21	5.98	8.55	32.27	ppb
Iron	56-2	7.74	6.04	5.54	6.44	17.89	ppb
Iron	57-2	11.51	5.85	9.49	8.95	32.07	ppb
Krypton	83-1						cps
Lead	206-1	0.24	0.24	0.19	0.22	12.98	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P8
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 13:51:44	DataFile Name :	041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.28	0.22	0.21	0.24	13.97	ppb
Lead	208-1	0.25	0.23	0.21	0.23	10.34	ppb
Lithium	6-1				99		%
Magnesium	24-2	7.40	1.32	6.16	4.96	64.71	ppb
Manganese	55-2	0.32	0.24	0.19	0.25	25.18	ppb
Molybdenum	94-1	0.33	0.27	0.15	0.25	36.29	ppb
Molybdenum	95-1	0.32	0.32	0.19	0.28	27.05	ppb
Molybdenum	96-1	0.31	0.26	0.31	0.29	9.10	ppb
Molybdenum	97-1	0.29	0.30	0.27	0.28	5.17	ppb
Molybdenum	98-1	0.29	0.25	0.21	0.25	15.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	-0.07	-0.20	-0.08		ppb
Phosphorus	31-2	-11.55	-4.44	5.11	-3.63		ppb
Potassium	39-2	153.91	32.87	17.02	67.93	110.23	ppb
Rhodium	103-1				97		%
Rhodium	103-2				87		%
Scandium	45-1				95		%
Scandium	45-2				83		%
Selenium	82-1	-0.01	0.10	-0.47	-0.13		ppb
Selenium	77-2	1.04	-0.92	0.57	0.23	447.65	ppb
Selenium	78-2	0.69	-0.57	-0.88	-0.25		ppb
Silicon	28-1	-0.70	-0.79	-0.64	-0.71		ppb
Silver	107-1	0.00	-0.01	-0.01	-0.01		ppb
Silver	109-1	-0.01	-0.03	-0.03	-0.02		ppb
Sodium	23-2	122.35	74.27	70.48	89.03	32.48	ppb
Strontium	86-1	0.73	0.70	0.45	0.62	24.73	ppb
Strontium	88-1	0.57	0.48	0.41	0.49	17.14	ppb
Sulfur	34-1	-1067.62	-1031.81	-219.59	-773.01		ppb
Terbium	159-1				99		%
Terbium	159-2				89		%
Thallium	203-1	0.12	0.09	0.08	0.09	21.96	ppb
Thallium	205-1	0.09	0.10	0.11	0.10	11.07	ppb
Tin	118-1	0.02	0.01	0.04	0.02	63.91	ppb
Titanium	47-1	0.21	0.38	0.21	0.27	37.76	ppb
Uranium	238-1	0.02	0.01	0.02	0.02	42.01	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P8
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 13:51:44	DataFile Name :	041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.04	0.03	0.01	0.03	50.40	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				96		%
Yttrium	89-2				85		%
Zinc	66-2	0.13	0.29	0.04	0.16	80.54	ppb
Zirconium	90-1	0.01	0.02	0.01	0.01	16.71	ppb
Zirconium	91-1	0.02	0.03	0.00	0.02	85.47	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 13:55:43	DataFile Name :	042LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.67	20.39	17.48	20.18	12.88	ppb
Antimony	121-1	1.89	1.83	1.88	1.87	1.68	ppb
Arsenic	75-2	1.07	0.91	0.95	0.97	8.46	ppb
Barium	135-1	9.48	9.27	9.24	9.33	1.40	ppb
Barium	137-1	9.15	8.78	9.62	9.18	4.59	ppb
Beryllium	9-1	1.20	1.13	1.11	1.15	3.98	ppb
Bismuth	209-1				98		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Cadmium	108-1	1.00	1.20	0.98	1.06	11.27	ppb
Cadmium	106-1	0.34	-4.85	-1.24	-1.92		ppb
Cadmium	111-1	0.96	0.86	0.97	0.93	6.74	ppb
Calcium	43-1	480.97	469.48	478.86	476.44	1.28	ppb
Calcium	44-1	498.86	477.71	489.36	488.64	2.17	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.69	2.24	2.35	2.43	9.67	ppb
Cobalt	59-2	1.13	0.92	0.91	0.99	12.29	ppb
Copper	63-2	2.59	2.26	2.34	2.40	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				98		%
Holmium	165-2				98		%
Indium	115-1				95		%
Indium	115-2				92		%
Iron	54-2	62.11	60.25	57.58	59.98	3.80	ppb
Iron	56-2	62.26	51.83	53.98	56.02	9.83	ppb
Iron	57-2	59.14	47.68	48.90	51.91	12.12	ppb
Krypton	83-1						cps
Lead	206-1	1.01	1.04	0.97	1.01	3.63	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 13:55:43	DataFile Name :	042LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1.15	0.97	1.01	1.04	9.34	ppb
Lead	208-1	1.05	1.00	0.99	1.01	3.32	ppb
Lithium	6-1				96		%
Magnesium	24-2	514.62	473.72	488.11	492.15	4.22	ppb
Manganese	55-2	1.56	1.00	1.13	1.23	24.10	ppb
Molybdenum	94-1	5.77	5.15	5.62	5.51	5.86	ppb
Molybdenum	95-1	4.74	4.69	4.74	4.72	0.58	ppb
Molybdenum	96-1	4.92	4.64	4.56	4.71	4.02	ppb
Molybdenum	97-1	5.08	5.01	4.86	4.98	2.33	ppb
Molybdenum	98-1	4.69	4.64	4.68	4.67	0.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.11	0.90	1.10	1.04	11.37	ppb
Phosphorus	31-2	7.63	-51.21	65.21	7.21	807.39	ppb
Potassium	39-2	488.76	448.07	503.64	480.16	5.99	ppb
Rhodium	103-1				96		%
Rhodium	103-2				93		%
Scandium	45-1				93		%
Scandium	45-2				90		%
Selenium	82-1	4.95	4.96	4.26	4.72	8.48	ppb
Selenium	77-2	5.27	8.07	8.16	7.17	22.88	ppb
Selenium	78-2	5.95	4.97	6.39	5.77	12.64	ppb
Silicon	28-1	0.89	-0.16	0.43	0.39	137.47	ppb
Silver	107-1	1.00	0.99	0.87	0.95	7.70	ppb
Silver	109-1	0.89	1.00	0.91	0.93	6.32	ppb
Sodium	23-2	555.58	520.59	526.13	534.10	3.52	ppb
Strontium	86-1	1.58	1.10	1.32	1.33	18.05	ppb
Strontium	88-1	1.47	1.13	1.05	1.22	18.39	ppb
Sulfur	34-1	470.27	-441.58	103.60	44.09	1040.54	ppb
Terbium	159-1				98		%
Terbium	159-2				94		%
Thallium	203-1	1.00	0.95	0.90	0.95	5.65	ppb
Thallium	205-1	0.98	1.01	1.00	1.00	1.65	ppb
Tin	118-1	4.75	4.46	4.64	4.62	3.12	ppb
Titanium	47-1	5.12	4.29	5.08	4.83	9.62	ppb
Uranium	238-1	0.90	0.85	0.90	0.88	3.16	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 13:55:43	DataFile Name :	042LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	4.95	4.92	4.72	4.87	2.56	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				95		%
Yttrium	89-2				91		%
Zinc	66-2	2.34	2.27	2.49	2.37	4.69	ppb
Zirconium	90-1	0.89	0.92	0.90	0.90	1.85	ppb
Zirconium	91-1	0.90	0.85	0.87	0.87	2.50	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	PB153375BL	Instrumnet Name :	P8
Client Sample ID :	PB153375BL	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 13:58:44	DataFile Name :	043CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.01	0.37	0.01	0.12	176.71	ppb
Antimony	121-1	0.02	0.02	0.01	0.02	33.84	ppb
Arsenic	75-2	-0.01	0.03	0.01	0.01	246.30	ppb
Barium	135-1	0.08	0.02	0.02	0.04	96.40	ppb
Barium	137-1	0.02	0.03	0.02	0.02	39.85	ppb
Beryllium	9-1	0.15	0.10	0.11	0.12	24.93	ppb
Bismuth	209-1				95		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Cadmium	108-1	0.09	0.02	-0.14	-0.01		ppb
Cadmium	106-1	1.53	-3.80	-4.88	-2.38		ppb
Cadmium	111-1	0.08	-0.15	-0.16	-0.08		ppb
Calcium	43-1	6.14	-0.36	1.06	2.28	150.02	ppb
Calcium	44-1	4.93	1.03	-2.15	1.27	279.46	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.48	0.36	0.36	0.40	17.56	ppb
Cobalt	59-2	0.03	0.00	0.01	0.01	110.90	ppb
Copper	63-2	0.30	0.34	0.30	0.31	6.78	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				97		%
Holmium	165-2				98		%
Indium	115-1				94		%
Indium	115-2				95		%
Iron	54-2	3.59	3.60	0.66	2.62	64.70	ppb
Iron	56-2	3.27	3.17	2.76	3.06	8.86	ppb
Iron	57-2	2.49	2.29	5.43	3.40	51.71	ppb
Krypton	83-1						cps
Lead	206-1	0.12	0.10	0.10	0.11	10.77	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	PB153375BL	Instrumnet Name :	P8
Client Sample ID :	PB153375BL	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 13:58:44	DataFile Name :	043CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.14	0.13	0.11	0.13	10.49	ppb
Lead	208-1	0.12	0.11	0.10	0.11	10.78	ppb
Lithium	6-1				94		%
Magnesium	24-2	-1.76	-0.76	-1.85	-1.46		ppb
Manganese	55-2	0.08	0.13	0.12	0.11	26.47	ppb
Molybdenum	94-1	0.17	0.10	0.07	0.12	45.87	ppb
Molybdenum	95-1	0.12	0.03	0.07	0.07	60.26	ppb
Molybdenum	96-1	0.05	0.08	0.04	0.06	32.90	ppb
Molybdenum	97-1	0.06	0.04	0.05	0.05	23.92	ppb
Molybdenum	98-1	0.08	0.06	0.07	0.07	16.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.18	-0.06	-0.14	-0.13		ppb
Phosphorus	31-2	-13.25	-26.43	-6.06	-15.25		ppb
Potassium	39-2	14.09	10.71	13.19	12.66	13.83	ppb
Rhodium	103-1				96		%
Rhodium	103-2				95		%
Scandium	45-1				93		%
Scandium	45-2				91		%
Selenium	82-1	-0.59	-0.41	0.68	-0.11		ppb
Selenium	77-2	-0.92	-0.92	0.56	-0.43		ppb
Selenium	78-2	0.53	-0.10	-0.36	0.02	1931.00	ppb
Silicon	28-1	0.31	-0.60	-0.92	-0.41		ppb
Silver	107-1	-0.03	-0.02	-0.01	-0.02		ppb
Silver	109-1	-0.02	-0.02	-0.01	-0.02		ppb
Sodium	23-2	39.62	45.48	44.26	43.12	7.17	ppb
Strontium	86-1	0.09	-0.01	0.00	0.03	207.28	ppb
Strontium	88-1	0.08	0.02	0.05	0.05	54.01	ppb
Sulfur	34-1	1198.40	34.69	-608.80	208.10	440.18	ppb
Terbium	159-1				97		%
Terbium	159-2				97		%
Thallium	203-1	0.07	0.05	0.08	0.06	23.37	ppb
Thallium	205-1	0.08	0.09	0.07	0.08	10.13	ppb
Tin	118-1	0.02	-0.01	0.02	0.01	135.79	ppb
Titanium	47-1	0.06	-0.02	0.00	0.01	309.53	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	1296.72	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	PB153375BL	Instrumnet Name :	P8
Client Sample ID :	PB153375BL	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 13:58:44	DataFile Name :	043CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	0.02	0.01	96.32	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				94		%
Yttrium	89-2				94		%
Zinc	66-2	-0.03	0.07	0.02	0.02	272.71	ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	921.00	ppb
Zirconium	91-1	0.00	0.02	0.00	0.00	266.03	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	PB153375BS	Instrumnet Name :	P8
Client Sample ID :	PB153375BS	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 14:01:48	DataFile Name :	044LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10215.57	10094.46	10155.04	10155.02	0.60	ppb
Antimony	121-1	503.67	481.77	494.61	493.35	2.23	ppb
Arsenic	75-2	490.74	502.90	499.34	497.66	1.26	ppb
Barium	135-1	2544.92	2451.87	2476.23	2491.01	1.94	ppb
Barium	137-1	2509.35	2445.13	2496.52	2483.67	1.37	ppb
Beryllium	9-1	488.84	487.68	480.87	485.80	0.89	ppb
Bismuth	209-1				98		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Cadmium	108-1	513.34	488.89	490.89	497.71	2.73	ppb
Cadmium	106-1	505.42	492.92	501.05	499.79	1.27	ppb
Cadmium	111-1	508.56	490.89	506.38	501.95	1.92	ppb
Calcium	43-1	55270.45	55613.66	55862.56	55582.22	0.53	ppb
Calcium	44-1	54525.27	53561.85	53264.44	53783.85	1.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	487.94	490.29	496.48	491.57	0.90	ppb
Cobalt	59-2	481.37	478.78	484.60	481.59	0.61	ppb
Copper	63-2	5023.25	4999.57	5075.23	5032.68	0.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				99		%
Indium	115-1				96		%
Indium	115-2				93		%
Iron	54-2	25606.09	25792.79	25730.75	25709.88	0.37	ppb
Iron	56-2	26813.70	26561.87	26875.97	26750.51	0.62	ppb
Iron	57-2	25115.52	24793.44	25027.97	24978.98	0.67	ppb
Krypton	83-1						cps
Lead	206-1	2557.97	2522.59	2547.72	2542.76	0.72	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	PB153375BS	Instrumnet Name :	P8
Client Sample ID :	PB153375BS	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 14:01:48	DataFile Name :	044LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2570.33	2477.45	2511.95	2519.91	1.86	ppb
Lead	208-1	2546.50	2471.83	2493.55	2503.96	1.53	ppb
Lithium	6-1				99		%
Magnesium	24-2	52199.89	51775.98	51893.89	51956.59	0.42	ppb
Manganese	55-2	5133.61	5049.26	5063.16	5082.01	0.89	ppb
Molybdenum	94-1	4872.04	5095.17	5267.16	5078.13	3.90	ppb
Molybdenum	95-1	4911.70	4993.76	5150.59	5018.68	2.42	ppb
Molybdenum	96-1	4982.28	4943.73	5166.31	5030.77	2.36	ppb
Molybdenum	97-1	4952.46	4984.12	5258.48	5065.02	3.32	ppb
Molybdenum	98-1	4948.15	5062.82	5240.84	5083.94	2.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	496.32	503.60	499.96	499.96	0.73	ppb
Phosphorus	31-2	9717.77	9631.44	10023.72	9790.97	2.11	ppb
Potassium	39-2	25431.41	25558.48	25453.43	25481.11	0.27	ppb
Rhodium	103-1				96		%
Rhodium	103-2				92		%
Scandium	45-1				98		%
Scandium	45-2				93		%
Selenium	82-1	487.58	502.85	511.12	500.51	2.39	ppb
Selenium	77-2	497.98	495.93	550.46	514.79	6.00	ppb
Selenium	78-2	502.16	519.50	499.17	506.94	2.16	ppb
Silicon	28-1	518.63	534.77	525.80	526.40	1.54	ppb
Silver	107-1	513.77	497.40	505.55	505.57	1.62	ppb
Silver	109-1	517.27	487.91	490.76	498.65	3.25	ppb
Sodium	23-2	51157.26	50947.41	51836.03	51313.57	0.91	ppb
Strontium	86-1	12483.95	12656.62	12761.91	12634.16	1.11	ppb
Strontium	88-1	12416.35	12552.94	12594.21	12521.17	0.74	ppb
Sulfur	34-1	10195.03	9903.82	9867.99	9988.95	1.80	ppb
Terbium	159-1				101		%
Terbium	159-2				97		%
Thallium	203-1	513.81	507.23	494.28	505.11	1.97	ppb
Thallium	205-1	512.27	493.61	506.84	504.24	1.90	ppb
Tin	118-1	505.06	480.46	487.10	490.87	2.59	ppb
Titanium	47-1	5093.81	4966.63	5082.78	5047.74	1.40	ppb
Uranium	238-1	503.02	480.88	499.64	494.52	2.41	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	PB153375BS	Instrumnet Name :	P8
Client Sample ID :	PB153375BS	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 14:01:48	DataFile Name :	044LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	487.99	491.43	489.92	489.78	0.35	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				93		%
Zinc	66-2	4822.67	4854.46	4819.95	4832.36	0.40	ppb
Zirconium	90-1	496.26	504.54	503.97	501.59	0.92	ppb
Zirconium	91-1	475.40	492.69	504.10	490.73	2.94	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	PB153375TB	Instrumnet Name :	P8
Client Sample ID :	PB153375TB	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 14:08:40	DataFile Name :	045AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.06	0.41	0.64	0.37	79.11	ppb
Antimony	121-1	0.05	0.08	0.08	0.07	24.90	ppb
Arsenic	75-2	-0.01	0.08	0.02	0.03	159.45	ppb
Barium	135-1	0.06	0.13	0.03	0.07	72.79	ppb
Barium	137-1	0.09	0.11	0.01	0.07	73.88	ppb
Beryllium	9-1	0.18	0.22	0.19	0.20	9.68	ppb
Bismuth	209-1				97		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Cadmium	108-1	0.08	-0.03	-0.20	-0.05		ppb
Cadmium	106-1	0.25	-4.98	-8.67	-4.47		ppb
Cadmium	111-1	0.06	-0.19	-0.33	-0.15		ppb
Calcium	43-1	0.56	0.56	-0.19	0.31	137.96	ppb
Calcium	44-1	4.46	3.67	2.25	3.46	32.32	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.33	0.40	0.38	0.37	9.66	ppb
Cobalt	59-2	0.01	0.02	0.03	0.02	69.12	ppb
Copper	63-2	0.35	0.47	0.49	0.44	16.62	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				97		%
Indium	115-1				94		%
Indium	115-2				93		%
Iron	54-2	5.24	4.91	3.99	4.72	13.75	ppb
Iron	56-2	2.27	2.95	3.21	2.81	17.15	ppb
Iron	57-2	3.31	6.18	2.77	4.09	44.82	ppb
Krypton	83-1						cps
Lead	206-1	0.12	0.10	0.07	0.10	24.67	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	PB153375TB	Instrumnet Name :	P8
Client Sample ID :	PB153375TB	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 14:08:40	DataFile Name :	045AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.14	0.09	0.14	0.12	22.32	ppb
Lead	208-1	0.13	0.11	0.11	0.11	11.44	ppb
Lithium	6-1				95		%
Magnesium	24-2	-2.27	-2.25	-0.79	-1.77		ppb
Manganese	55-2	0.30	0.35	0.22	0.29	21.95	ppb
Molybdenum	94-1	0.18	0.20	0.17	0.18	8.37	ppb
Molybdenum	95-1	0.36	0.17	0.12	0.22	57.85	ppb
Molybdenum	96-1	0.30	0.19	0.13	0.21	41.56	ppb
Molybdenum	97-1	0.18	0.20	0.13	0.17	21.87	ppb
Molybdenum	98-1	0.25	0.18	0.20	0.21	17.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.21	-0.21	-0.23	-0.22		ppb
Phosphorus	31-2	-43.52	-8.75	-8.81	-20.36		ppb
Potassium	39-2	6.75	29.48	23.31	19.85	59.22	ppb
Rhodium	103-1				95		%
Rhodium	103-2				93		%
Scandium	45-1				92		%
Scandium	45-2				89		%
Selenium	82-1	-0.01	-0.09	-0.07	-0.06		ppb
Selenium	77-2	-0.92	-0.92	0.60	-0.42		ppb
Selenium	78-2	0.81	-0.28	-0.42	0.04	1746.07	ppb
Silicon	28-1	0.44	0.31	-0.05	0.23	107.38	ppb
Silver	107-1	-0.01	-0.02	-0.02	-0.01		ppb
Silver	109-1	-0.03	-0.03	-0.03	-0.03		ppb
Sodium	23-2	42.27	41.68	38.97	40.97	4.30	ppb
Strontium	86-1	0.41	0.25	0.23	0.30	33.99	ppb
Strontium	88-1	0.39	0.27	0.17	0.27	40.74	ppb
Sulfur	34-1	-413.62	-416.69	-616.57	-482.29		ppb
Terbium	159-1				97		%
Terbium	159-2				95		%
Thallium	203-1	0.09	0.07	0.09	0.08	15.70	ppb
Thallium	205-1	0.08	0.09	0.10	0.09	9.90	ppb
Tin	118-1	0.03	0.00	-0.02	0.00	1022.57	ppb
Titanium	47-1	0.29	0.13	0.10	0.17	59.20	ppb
Uranium	238-1	0.01	0.01	0.00	0.01	61.84	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	PB153375TB	Instrumnet Name :	P8
Client Sample ID :	PB153375TB	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 14:08:40	DataFile Name :	045AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.02	0.01	0.05	0.03	59.08	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				94		%
Yttrium	89-2				91		%
Zinc	66-2	-0.02	0.19	0.19	0.12	99.28	ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	44.49	ppb
Zirconium	91-1	0.00	0.01	0.03	0.01	141.32	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3108-01DLX5	Instrumnet Name :	P8
Client Sample ID :	OU3-FC-BACKFILL-01RI	Dilution Factor :	5
Date & Time Acquired :	2023-06-13 14:17:36	DataFile Name :	046AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16496.29	16556.10	16156.57	16402.99	1.31	ppb
Antimony	121-1	0.04	0.05	0.05	0.05	13.43	ppb
Arsenic	75-2	0.83	0.81	0.78	0.81	3.09	ppb
Barium	135-1	28.76	28.70	29.38	28.95	1.29	ppb
Barium	137-1	28.93	28.14	28.73	28.60	1.44	ppb
Beryllium	9-1	0.27	0.28	0.26	0.27	3.33	ppb
Bismuth	209-1				94		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Cadmium	108-1	0.21	0.67	0.15	0.34	80.87	ppb
Cadmium	106-1	-4.13	-1.70	-5.48	-3.77		ppb
Cadmium	111-1	-0.11	-0.01	-0.15	-0.09		ppb
Calcium	43-1	48838.46	50686.11	51233.88	50252.82	2.50	ppb
Calcium	44-1	49682.24	51435.21	49567.06	50228.17	2.08	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.93	4.26	3.93	4.04	4.73	ppb
Cobalt	59-2	32.14	32.60	31.37	32.03	1.94	ppb
Copper	63-2	84.54	86.51	84.31	85.12	1.42	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				95		%
Holmium	165-2				101		%
Indium	115-1				94		%
Indium	115-2				94		%
Iron	54-2	45000.36	45437.93	44692.63	45043.64	0.83	ppb
Iron	56-2	44396.47	45161.18	43564.63	44374.09	1.80	ppb
Iron	57-2	41576.05	42739.84	41571.53	41962.47	1.60	ppb
Krypton	83-1						cps
Lead	206-1	1.49	1.68	1.53	1.57	6.25	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3108-01DLX5	Instrumnet Name :	P8
Client Sample ID :	OU3-FC-BACKFILL-01RI	Dilution Factor :	5
Date & Time Acquired :	2023-06-13 14:17:36	DataFile Name :	046AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1.43	1.47	1.40	1.44	2.56	ppb
Lead	208-1	1.49	1.57	1.51	1.52	2.80	ppb
Lithium	6-1				92		%
Magnesium	24-2	15227.83	15495.57	14902.87	15208.76	1.95	ppb
Manganese	55-2	948.59	966.02	948.01	954.21	1.07	ppb
Molybdenum	94-1	0.24	0.34	0.26	0.28	19.50	ppb
Molybdenum	95-1	0.13	0.15	0.12	0.13	10.15	ppb
Molybdenum	96-1	0.30	0.33	0.27	0.30	9.40	ppb
Molybdenum	97-1	0.14	0.16	0.08	0.13	30.15	ppb
Molybdenum	98-1	0.14	0.13	0.09	0.12	18.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	19.80	20.03	19.33	19.72	1.82	ppb
Phosphorus	31-2	392.33	272.32	328.34	331.00	18.14	ppb
Potassium	39-2	553.08	571.54	560.07	561.57	1.66	ppb
Rhodium	103-1				92		%
Rhodium	103-2				94		%
Scandium	45-1				92		%
Scandium	45-2				91		%
Selenium	82-1	0.31	0.40	0.20	0.30	32.32	ppb
Selenium	77-2	12.11	11.99	10.58	11.56	7.38	ppb
Selenium	78-2	2.76	3.33	3.85	3.32	16.53	ppb
Silicon	28-1	568.53	600.76	588.98	586.09	2.78	ppb
Silver	107-1	-0.02	-0.02	-0.02	-0.02		ppb
Silver	109-1	-0.02	-0.03	-0.02	-0.03		ppb
Sodium	23-2	9858.72	9846.74	9628.48	9777.98	1.33	ppb
Strontium	86-1	118.22	122.99	125.38	122.20	2.98	ppb
Strontium	88-1	117.94	123.04	122.63	121.20	2.34	ppb
Sulfur	34-1	89205.28	93529.79	91395.82	91376.96	2.37	ppb
Terbium	159-1				94		%
Terbium	159-2				97		%
Thallium	203-1	0.10	0.13	0.10	0.11	11.32	ppb
Thallium	205-1	0.11	0.11	0.10	0.11	3.50	ppb
Tin	118-1	0.09	0.03	0.07	0.06	48.33	ppb
Titanium	47-1	2.29	2.50	2.56	2.45	5.68	ppb
Uranium	238-1	1.18	1.19	1.27	1.21	4.17	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3108-01DLX5	Instrumnet Name :	P8
Client Sample ID :	OU3-FC-BACKFILL-01RI	Dilution Factor :	5
Date & Time Acquired :	2023-06-13 14:17:36	DataFile Name :	046AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	60.17	60.77	60.15	60.37	0.58	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				95		%
Yttrium	89-2				96		%
Zinc	66-2	188.84	189.39	184.58	187.60	1.40	ppb
Zirconium	90-1	0.09	0.08	0.13	0.10	25.39	ppb
Zirconium	91-1	0.16	0.13	0.11	0.13	17.49	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3108-02DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	OU3-FC-BACKFILL-02RI	Dilution Factor :	5
Date & Time Acquired :	2023-06-13 14:36:32	DataFile Name :	052AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15321.75	15506.98	15307.95	15378.90	0.72	ppb
Antimony	121-1	0.01	0.01	0.02	0.01	46.25	ppb
Arsenic	75-2	0.69	0.74	0.88	0.77	13.05	ppb
Barium	135-1	29.16	28.38	27.22	28.25	3.45	ppb
Barium	137-1	29.74	28.55	26.93	28.40	4.97	ppb
Beryllium	9-1	0.24	0.23	0.22	0.23	4.50	ppb
Bismuth	209-1				94		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Cadmium	108-1	0.10	0.31	0.17	0.19	56.19	ppb
Cadmium	106-1	-2.49	-7.39	-2.78	-4.22		ppb
Cadmium	111-1	-0.01	-0.21	-0.01	-0.08		ppb
Calcium	43-1	60080.51	57690.90	55717.98	57829.79	3.78	ppb
Calcium	44-1	59117.07	58348.47	56545.40	58003.65	2.28	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.18	3.54	3.54	3.42	6.01	ppb
Cobalt	59-2	33.67	34.17	34.77	34.20	1.61	ppb
Copper	63-2	90.03	91.49	90.27	90.60	0.86	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				103		%
Indium	115-1				94		%
Indium	115-2				97		%
Iron	54-2	38859.09	40947.49	39373.20	39726.59	2.74	ppb
Iron	56-2	39055.89	39290.68	38872.29	39072.95	0.54	ppb
Iron	57-2	36817.25	37250.61	37346.99	37138.28	0.76	ppb
Krypton	83-1						cps
Lead	206-1	1.66	1.63	1.59	1.62	2.29	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3108-02DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	OU3-FC-BACKFILL-02RI	Dilution Factor :	5
Date & Time Acquired :	2023-06-13 14:36:32	DataFile Name :	052AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1.60	1.49	1.42	1.50	6.29	ppb
Lead	208-1	1.59	1.57	1.49	1.55	3.33	ppb
Lithium	6-1				96		%
Magnesium	24-2	13246.72	13697.37	13289.00	13411.03	1.86	ppb
Manganese	55-2	1041.87	1074.17	1052.13	1056.06	1.56	ppb
Molybdenum	94-1	0.31	0.25	0.19	0.25	25.64	ppb
Molybdenum	95-1	0.08	0.04	0.09	0.07	43.45	ppb
Molybdenum	96-1	0.19	0.20	0.16	0.18	12.38	ppb
Molybdenum	97-1	0.07	0.11	0.00	0.06	91.63	ppb
Molybdenum	98-1	0.03	0.05	0.06	0.04	26.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	19.36	19.13	19.05	19.18	0.83	ppb
Phosphorus	31-2	192.48	206.67	202.71	200.62	3.65	ppb
Potassium	39-2	560.98	570.71	575.80	569.16	1.32	ppb
Rhodium	103-1				93		%
Rhodium	103-2				97		%
Scandium	45-1				94		%
Scandium	45-2				94		%
Selenium	82-1	0.87	0.24	0.33	0.48	71.13	ppb
Selenium	77-2	14.30	17.18	8.83	13.44	31.57	ppb
Selenium	78-2	2.84	3.25	4.49	3.53	24.28	ppb
Silicon	28-1	611.02	590.31	566.84	589.39	3.75	ppb
Silver	107-1	-0.01	-0.02	-0.02	-0.02		ppb
Silver	109-1	-0.03	-0.03	-0.03	-0.03		ppb
Sodium	23-2	8747.04	8882.93	8891.25	8840.41	0.92	ppb
Strontium	86-1	135.33	134.46	129.29	133.03	2.45	ppb
Strontium	88-1	137.90	139.67	127.87	135.15	4.71	ppb
Sulfur	34-1	97534.03	91936.59	89265.65	92912.09	4.54	ppb
Terbium	159-1				98		%
Terbium	159-2				101		%
Thallium	203-1	0.08	0.07	0.09	0.08	16.46	ppb
Thallium	205-1	0.09	0.07	0.07	0.08	12.71	ppb
Tin	118-1	0.00	-0.01	0.04	0.01	226.34	ppb
Titanium	47-1	2.29	2.41	1.94	2.21	11.07	ppb
Uranium	238-1	1.29	1.26	1.19	1.25	3.84	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3108-02DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	OU3-FC-BACKFILL-02RI	Dilution Factor :	5
Date & Time Acquired :	2023-06-13 14:36:32	DataFile Name :	052AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	48.71	50.34	49.51	49.52	1.64	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				100		%
Zinc	66-2	185.63	190.28	190.51	188.81	1.46	ppb
Zirconium	90-1	0.07	0.10	0.09	0.09	18.21	ppb
Zirconium	91-1	0.10	0.06	0.10	0.09	25.75	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3108-02DLX5	Instrumnet Name :	P8
Client Sample ID :	OU3-FC-BACKFILL-02RI	Dilution Factor :	5
Date & Time Acquired :	2023-06-13 14:39:29	DataFile Name :	053AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15377.14	15275.38	15562.24	15404.92	0.94	ppb
Antimony	121-1	0.01	0.01	0.02	0.01	51.74	ppb
Arsenic	75-2	0.69	0.67	0.89	0.75	16.24	ppb
Barium	135-1	27.11	26.82	27.64	27.19	1.53	ppb
Barium	137-1	28.69	27.23	27.62	27.85	2.73	ppb
Beryllium	9-1	0.20	0.19	0.19	0.19	3.40	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Cadmium	108-1	0.20	0.27	0.12	0.20	38.03	ppb
Cadmium	106-1	1.75	-1.70	-2.65	-0.87		ppb
Cadmium	111-1	0.19	0.06	-0.03	0.08	146.82	ppb
Calcium	43-1	55651.46	53316.87	54359.99	54442.77	2.15	ppb
Calcium	44-1	56206.36	54579.50	54304.13	55030.00	1.87	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.23	3.18	3.23	3.21	0.90	ppb
Cobalt	59-2	33.87	33.17	34.18	33.74	1.53	ppb
Copper	63-2	90.35	91.63	92.43	91.47	1.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				102		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	54-2	39805.87	39602.64	40382.72	39930.41	1.01	ppb
Iron	56-2	38685.02	38862.01	40044.27	39197.10	1.89	ppb
Iron	57-2	37040.37	37129.07	37429.78	37199.74	0.55	ppb
Krypton	83-1						cps
Lead	206-1	1.29	1.45	1.48	1.41	7.06	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3108-02DLX5	Instrumnet Name :	P8
Client Sample ID :	OU3-FC-BACKFILL-02RI	Dilution Factor :	5
Date & Time Acquired :	2023-06-13 14:39:29	DataFile Name :	053AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1.34	1.39	1.38	1.37	1.74	ppb
Lead	208-1	1.35	1.39	1.45	1.40	3.48	ppb
Lithium	6-1				99		%
Magnesium	24-2	13301.91	13475.68	13396.75	13391.45	0.65	ppb
Manganese	55-2	1055.79	1058.65	1060.54	1058.33	0.23	ppb
Molybdenum	94-1	0.15	0.17	0.18	0.17	8.59	ppb
Molybdenum	95-1	0.07	0.05	0.01	0.04	66.57	ppb
Molybdenum	96-1	0.22	0.18	0.22	0.21	11.86	ppb
Molybdenum	97-1	0.07	0.08	0.04	0.06	36.02	ppb
Molybdenum	98-1	0.02	0.02	0.03	0.02	35.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	19.20	19.41	18.48	19.03	2.57	ppb
Phosphorus	31-2	213.45	162.59	180.15	185.40	13.93	ppb
Potassium	39-2	546.87	563.71	566.39	558.99	1.89	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				98		%
Scandium	45-2				93		%
Selenium	82-1	0.24	0.70	0.31	0.42	59.75	ppb
Selenium	77-2	5.98	10.30	14.49	10.26	41.51	ppb
Selenium	78-2	4.53	5.16	2.18	3.96	39.71	ppb
Silicon	28-1	562.13	543.14	549.15	551.47	1.76	ppb
Silver	107-1	-0.02	-0.02	-0.02	-0.02		ppb
Silver	109-1	-0.03	-0.03	-0.03	-0.03		ppb
Sodium	23-2	8873.80	8888.67	8875.24	8879.24	0.09	ppb
Strontium	86-1	131.26	126.68	129.74	129.23	1.81	ppb
Strontium	88-1	129.04	126.15	129.28	128.16	1.36	ppb
Sulfur	34-1	88636.07	84226.16	84019.89	85627.37	3.05	ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	0.05	0.06	0.10	0.07	32.41	ppb
Thallium	205-1	0.07	0.07	0.06	0.07	2.78	ppb
Tin	118-1	0.02	0.03	0.06	0.04	58.64	ppb
Titanium	47-1	2.47	2.18	1.86	2.17	14.11	ppb
Uranium	238-1	1.10	1.16	1.15	1.14	2.52	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3108-02DLX5	Instrumnet Name :	P8
Client Sample ID :	OU3-FC-BACKFILL-02RI	Dilution Factor :	5
Date & Time Acquired :	2023-06-13 14:39:29	DataFile Name :	053AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	48.82	50.18	49.43	49.48	1.39	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	185.71	187.78	193.77	189.09	2.22	ppb
Zirconium	90-1	0.10	0.10	0.07	0.09	16.29	ppb
Zirconium	91-1	0.14	0.07	0.10	0.10	31.04	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3108-02LDLX25	Instrumnet Name :	P8
Client Sample ID :	OU3-FC-BACKFILL-02RI	Dilution Factor :	25
Date & Time Acquired :	2023-06-13 14:42:29	DataFile Name :	054AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3381.50	3447.95	3338.34	3389.26	1.63	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	3.71	ppb
Arsenic	75-2	0.20	0.11	0.17	0.16	29.89	ppb
Barium	135-1	5.86	6.34	6.23	6.14	4.08	ppb
Barium	137-1	5.67	5.68	5.84	5.73	1.69	ppb
Beryllium	9-1	0.10	0.10	0.09	0.09	3.20	ppb
Bismuth	209-1				101		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Cadmium	108-1	0.01	0.29	-0.09	0.07	291.18	ppb
Cadmium	106-1	-3.03	-5.81	-2.79	-3.88		ppb
Cadmium	111-1	-0.12	-0.24	-0.06	-0.14		ppb
Calcium	43-1	11667.51	11987.14	11915.79	11856.81	1.42	ppb
Calcium	44-1	11924.93	12219.75	12107.53	12084.07	1.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.62	0.64	0.54	0.60	8.95	ppb
Cobalt	59-2	7.50	7.50	7.59	7.53	0.65	ppb
Copper	63-2	20.20	20.72	20.62	20.51	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				102		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	54-2	8314.68	8369.15	8266.70	8316.84	0.62	ppb
Iron	56-2	8729.31	8588.78	8587.45	8635.18	0.94	ppb
Iron	57-2	8180.41	8190.83	8311.20	8227.48	0.88	ppb
Krypton	83-1						cps
Lead	206-1	0.34	0.32	0.33	0.33	3.24	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3108-02LDLX25	Instrumnet Name :	P8
Client Sample ID :	OU3-FC-BACKFILL-02RI	Dilution Factor :	25
Date & Time Acquired :	2023-06-13 14:42:29	DataFile Name :	054AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.29	0.37	0.31	0.32	14.35	ppb
Lead	208-1	0.30	0.33	0.32	0.32	4.07	ppb
Lithium	6-1				100		%
Magnesium	24-2	2856.02	2964.80	2817.34	2879.38	2.66	ppb
Manganese	55-2	234.19	235.84	231.80	233.94	0.87	ppb
Molybdenum	94-1	0.06	0.07	0.03	0.05	36.16	ppb
Molybdenum	95-1	0.04	0.04	0.03	0.04	16.26	ppb
Molybdenum	96-1	0.04	0.07	0.07	0.06	29.46	ppb
Molybdenum	97-1	0.04	0.01	0.00	0.02	114.16	ppb
Molybdenum	98-1	0.04	0.03	0.02	0.03	34.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.06	4.01	3.84	3.97	2.86	ppb
Phosphorus	31-2	-17.34	32.13	43.65	19.48	166.36	ppb
Potassium	39-2	117.92	135.74	146.39	133.35	10.79	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				99		%
Scandium	45-2				94		%
Selenium	82-1	-0.31	0.20	-0.44	-0.18		ppb
Selenium	77-2	0.48	0.52	1.92	0.97	84.02	ppb
Selenium	78-2	1.08	0.31	0.12	0.50	101.84	ppb
Silicon	28-1	117.71	122.20	120.39	120.10	1.88	ppb
Silver	107-1	-0.03	-0.03	-0.02	-0.03		ppb
Silver	109-1	-0.03	-0.03	-0.03	-0.03		ppb
Sodium	23-2	1922.46	1957.02	1919.27	1932.92	1.08	ppb
Strontium	86-1	27.91	28.78	29.07	28.59	2.13	ppb
Strontium	88-1	27.45	28.37	28.45	28.09	1.98	ppb
Sulfur	34-1	21328.90	22786.38	22622.80	22246.02	3.59	ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	0.02	0.03	0.03	0.03	30.74	ppb
Thallium	205-1	0.05	0.05	0.05	0.05	2.36	ppb
Tin	118-1	0.02	0.00	0.03	0.02	86.13	ppb
Titanium	47-1	0.54	0.44	0.47	0.48	10.11	ppb
Uranium	238-1	0.24	0.27	0.26	0.26	5.54	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3108-02LDLX25	Instrumnet Name :	P8
Client Sample ID :	OU3-FC-BACKFILL-02RI	Dilution Factor :	25
Date & Time Acquired :	2023-06-13 14:42:29	DataFile Name :	054AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	10.56	11.33	10.73	10.87	3.73	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				98		%
Zinc	66-2	39.91	41.56	41.09	40.85	2.08	ppb
Zirconium	90-1	0.02	0.04	0.02	0.03	35.93	ppb
Zirconium	91-1	0.03	0.03	0.01	0.02	27.56	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3108-02MSDLX5	Instrumnet Name :	P8
Client Sample ID :	OU3-FC-BACKFILL-02RI	Dilution Factor :	5
Date & Time Acquired :	2023-06-13 14:45:27	DataFile Name :	055AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16376.69	16231.77	16159.56	16256.01	0.68	ppb
Antimony	121-1	93.92	95.58	97.83	95.78	2.05	ppb
Arsenic	75-2	100.37	101.13	99.91	100.47	0.61	ppb
Barium	135-1	525.55	532.16	550.02	535.91	2.36	ppb
Barium	137-1	536.89	535.11	556.21	542.74	2.16	ppb
Beryllium	9-1	92.96	91.91	96.44	93.77	2.53	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Cadmium	108-1	93.96	94.12	96.22	94.76	1.33	ppb
Cadmium	106-1	95.18	97.29	94.44	95.64	1.55	ppb
Cadmium	111-1	98.81	101.76	104.03	101.53	2.58	ppb
Calcium	43-1	57429.41	57445.47	60842.22	58572.37	3.36	ppb
Calcium	44-1	57087.73	58131.15	61038.77	58752.55	3.48	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	101.84	100.48	104.65	102.32	2.08	ppb
Cobalt	59-2	129.09	130.19	132.51	130.60	1.33	ppb
Copper	63-2	1177.05	1178.55	1179.39	1178.33	0.10	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				108		%
Holmium	165-2				106		%
Indium	115-1				103		%
Indium	115-2				98		%
Iron	54-2	42509.00	41538.39	43055.96	42367.78	1.81	ppb
Iron	56-2	41072.44	41636.74	41652.23	41453.80	0.80	ppb
Iron	57-2	39089.86	39230.30	39243.67	39187.94	0.22	ppb
Krypton	83-1						cps
Lead	206-1	383.04	388.02	384.19	385.08	0.68	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3108-02MSDLX5	Instrumnet Name :	P8
Client Sample ID :	OU3-FC-BACKFILL-02RI	Dilution Factor :	5
Date & Time Acquired :	2023-06-13 14:45:27	DataFile Name :	055AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	380.36	386.90	391.92	386.39	1.50	ppb
Lead	208-1	397.76	403.75	411.11	404.21	1.65	ppb
Lithium	6-1				103		%
Magnesium	24-2	22756.76	22670.25	23183.06	22870.02	1.20	ppb
Manganese	55-2	1960.70	1921.72	1951.22	1944.55	1.05	ppb
Molybdenum	94-1	478.04	478.26	497.07	484.46	2.25	ppb
Molybdenum	95-1	375.30	380.99	390.31	382.20	1.98	ppb
Molybdenum	96-1	382.32	388.59	399.59	390.17	2.24	ppb
Molybdenum	97-1	374.42	386.39	389.05	383.29	2.03	ppb
Molybdenum	98-1	371.23	383.86	397.47	384.19	3.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	120.38	120.80	119.79	120.32	0.42	ppb
Phosphorus	31-2	150.99	147.48	188.55	162.34	14.02	ppb
Potassium	39-2	4957.20	4965.96	4932.38	4951.85	0.35	ppb
Rhodium	103-1				102		%
Rhodium	103-2				98		%
Scandium	45-1				102		%
Scandium	45-2				95		%
Selenium	82-1	92.40	92.98	96.16	93.85	2.16	ppb
Selenium	77-2	80.12	100.56	123.82	101.50	21.55	ppb
Selenium	78-2	100.35	99.34	100.56	100.08	0.65	ppb
Silicon	28-1	491.16	489.76	504.89	495.27	1.69	ppb
Silver	107-1	100.42	101.64	104.79	102.29	2.20	ppb
Silver	109-1	103.15	102.88	105.45	103.83	1.36	ppb
Sodium	23-2	18249.10	18568.02	18364.63	18393.92	0.88	ppb
Strontium	86-1	205.39	204.91	210.91	207.07	1.61	ppb
Strontium	88-1	208.75	213.09	220.49	214.11	2.77	ppb
Sulfur	34-1	74772.93	76597.03	80153.55	77174.50	3.55	ppb
Terbium	159-1				107		%
Terbium	159-2				103		%
Thallium	203-1	91.07	92.71	93.06	92.28	1.15	ppb
Thallium	205-1	93.21	94.67	95.38	94.42	1.17	ppb
Tin	118-1	97.50	98.83	102.83	99.72	2.78	ppb
Titanium	47-1	409.80	407.94	428.16	415.30	2.69	ppb
Uranium	238-1	91.39	94.66	94.46	93.50	1.96	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3108-02MSDLX5	Instrumnet Name :	P8
Client Sample ID :	OU3-FC-BACKFILL-02RI	Dilution Factor :	5
Date & Time Acquired :	2023-06-13 14:45:27	DataFile Name :	055AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	147.87	145.92	147.65	147.15	0.73	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				101		%
Zinc	66-2	171.91	169.97	174.30	172.06	1.26	ppb
Zirconium	90-1	89.23	89.87	93.45	90.85	2.50	ppb
Zirconium	91-1	88.45	90.74	93.09	90.76	2.56	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3108-02MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	OU3-FC-BACKFILL-02RI	Dilution Factor :	5
Date & Time Acquired :	2023-06-13 14:48:24	DataFile Name :	056AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14394.19	17282.20	17177.05	16284.48	10.06	ppb
Antimony	121-1	99.89	98.28	98.45	98.87	0.89	ppb
Arsenic	75-2	89.51	106.58	107.11	101.07	9.91	ppb
Barium	135-1	556.12	556.27	555.11	555.83	0.11	ppb
Barium	137-1	559.81	556.64	558.18	558.21	0.28	ppb
Beryllium	9-1	94.03	95.62	95.75	95.13	1.01	ppb
Bismuth	209-1				102		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Cadmium	108-1	98.49	98.14	98.92	98.52	0.40	ppb
Cadmium	106-1	106.57	102.31	92.92	100.60	6.94	ppb
Cadmium	111-1	105.34	104.40	102.24	103.99	1.53	ppb
Calcium	43-1	59815.62	60458.40	59487.28	59920.43	0.82	ppb
Calcium	44-1	60447.80	60878.04	59932.28	60419.37	0.78	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	90.59	108.50	108.92	102.67	10.19	ppb
Cobalt	59-2	115.51	139.00	139.34	131.28	10.41	ppb
Copper	63-2	1068.31	1262.30	1304.64	1211.75	10.40	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				104		%
Holmium	165-2				103		%
Indium	115-1				100		%
Indium	115-2				97		%
Iron	54-2	37241.79	44188.61	44506.06	41978.82	9.78	ppb
Iron	56-2	37203.17	43415.95	44531.65	41716.92	9.47	ppb
Iron	57-2	34883.94	41758.80	41730.77	39457.83	10.04	ppb
Krypton	83-1						cps
Lead	206-1	386.93	399.34	397.52	394.60	1.70	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3108-02MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	OU3-FC-BACKFILL-02RI	Dilution Factor :	5
Date & Time Acquired :	2023-06-13 14:48:24	DataFile Name :	056AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	385.55	396.90	393.35	391.94	1.48	ppb
Lead	208-1	405.31	412.75	414.27	410.77	1.17	ppb
Lithium	6-1				102		%
Magnesium	24-2	20471.32	24347.44	24236.45	23018.40	9.59	ppb
Manganese	55-2	1721.62	2038.50	2079.43	1946.52	10.06	ppb
Molybdenum	94-1	492.82	507.53	494.81	498.39	1.60	ppb
Molybdenum	95-1	390.02	403.43	389.29	394.25	2.02	ppb
Molybdenum	96-1	403.04	411.60	404.00	406.21	1.16	ppb
Molybdenum	97-1	393.49	404.50	405.27	401.09	1.64	ppb
Molybdenum	98-1	395.05	401.22	400.31	398.86	0.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	105.03	124.27	129.23	119.51	10.70	ppb
Phosphorus	31-2	86.97	162.90	182.83	144.23	35.07	ppb
Potassium	39-2	4406.12	5269.42	5375.60	5017.04	10.60	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				94		%
Selenium	82-1	93.06	95.74	95.25	94.68	1.51	ppb
Selenium	77-2	93.54	112.37	122.08	109.33	13.28	ppb
Selenium	78-2	88.59	103.72	97.68	96.66	7.88	ppb
Silicon	28-1	500.27	514.65	496.19	503.70	1.93	ppb
Silver	107-1	106.89	105.78	107.15	106.61	0.68	ppb
Silver	109-1	106.71	105.01	105.17	105.63	0.89	ppb
Sodium	23-2	16386.18	19646.63	19450.35	18494.39	9.89	ppb
Strontium	86-1	213.93	221.42	214.50	216.62	1.93	ppb
Strontium	88-1	221.07	225.75	219.50	222.10	1.46	ppb
Sulfur	34-1	76944.23	80370.86	77378.58	78231.22	2.38	ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	94.85	94.43	96.10	95.12	0.91	ppb
Thallium	205-1	96.77	97.50	96.91	97.06	0.40	ppb
Tin	118-1	103.33	100.83	103.49	102.55	1.46	ppb
Titanium	47-1	428.11	427.93	425.54	427.19	0.34	ppb
Uranium	238-1	94.93	94.11	96.71	95.25	1.39	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3108-02MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	OU3-FC-BACKFILL-02RI	Dilution Factor :	5
Date & Time Acquired :	2023-06-13 14:48:24	DataFile Name :	056AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	131.88	157.92	157.48	149.09	10.00	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				100		%
Zinc	66-2	150.32	180.56	183.48	171.45	10.71	ppb
Zirconium	90-1	92.60	94.45	92.69	93.25	1.12	ppb
Zirconium	91-1	93.29	94.20	93.32	93.60	0.55	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P8
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 14:51:19	DataFile Name :	057CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52984.40	52495.94	52454.41	52644.92	0.56	ppb
Antimony	121-1	507.92	499.16	516.17	507.75	1.67	ppb
Arsenic	75-2	503.44	495.25	498.77	499.16	0.82	ppb
Barium	135-1	2568.77	2598.33	2667.25	2611.45	1.94	ppb
Barium	137-1	2613.28	2571.15	2606.67	2597.03	0.87	ppb
Beryllium	9-1	487.84	478.43	492.58	486.28	1.48	ppb
Bismuth	209-1				98		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Cadmium	108-1	485.99	488.54	493.20	489.24	0.75	ppb
Cadmium	106-1	496.38	505.77	511.26	504.47	1.49	ppb
Cadmium	111-1	479.06	476.61	493.38	483.01	1.88	ppb
Calcium	43-1	271515.61	271456.29	272638.99	271870.29	0.25	ppb
Calcium	44-1	260470.75	259959.00	262745.87	261058.54	0.57	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	515.92	505.69	510.32	510.64	1.00	ppb
Cobalt	59-2	491.31	490.06	485.28	488.88	0.65	ppb
Copper	63-2	5240.67	5170.36	5135.43	5182.15	1.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				106		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	54-2	131779.74	128790.87	128018.25	129529.62	1.53	ppb
Iron	56-2	132825.57	131040.91	129789.89	131218.79	1.16	ppb
Iron	57-2	133853.44	133439.88	131035.42	132776.25	1.15	ppb
Krypton	83-1						cps
Lead	206-1	2598.15	2617.49	2634.49	2616.71	0.69	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P8
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 14:51:19	DataFile Name :	057CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2605.53	2572.81	2601.14	2593.16	0.68	ppb
Lead	208-1	2605.62	2598.18	2637.83	2613.88	0.81	ppb
Lithium	6-1				103		%
Magnesium	24-2	260789.15	257858.76	256867.08	258505.00	0.79	ppb
Manganese	55-2	5240.02	5192.14	5154.07	5195.41	0.83	ppb
Molybdenum	94-1	5153.80	5172.07	5103.13	5143.00	0.69	ppb
Molybdenum	95-1	5143.48	5114.82	5167.99	5142.10	0.52	ppb
Molybdenum	96-1	5148.86	5129.63	5167.45	5148.65	0.37	ppb
Molybdenum	97-1	5091.60	5174.50	5168.06	5144.72	0.90	ppb
Molybdenum	98-1	5206.72	5169.12	5244.31	5206.72	0.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	507.85	503.68	494.87	502.13	1.32	ppb
Phosphorus	31-2	10286.54	10651.26	10081.59	10339.80	2.79	ppb
Potassium	39-2	128433.46	127885.75	124723.03	127014.08	1.58	ppb
Rhodium	103-1				98		%
Rhodium	103-2				95		%
Scandium	45-1				101		%
Scandium	45-2				97		%
Selenium	82-1	460.94	462.29	459.09	460.77	0.35	ppb
Selenium	77-2	466.50	435.74	448.80	450.34	3.43	ppb
Selenium	78-2	484.82	470.08	473.86	476.25	1.61	ppb
Silicon	28-1	626.56	625.28	626.61	626.15	0.12	ppb
Silver	107-1	499.11	483.21	499.98	494.10	1.91	ppb
Silver	109-1	499.86	485.08	500.03	494.99	1.73	ppb
Sodium	23-2	258118.25	259754.52	257568.68	258480.48	0.44	ppb
Strontium	86-1	12984.79	13050.51	12917.89	12984.40	0.51	ppb
Strontium	88-1	12964.88	12723.19	12821.16	12836.41	0.95	ppb
Sulfur	34-1	10055.38	9481.62	9808.00	9781.66	2.94	ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	530.30	532.52	536.70	533.17	0.61	ppb
Thallium	205-1	527.27	536.43	532.87	532.19	0.87	ppb
Tin	118-1	510.05	505.85	510.11	508.67	0.48	ppb
Titanium	47-1	5225.33	5234.83	5332.99	5264.39	1.13	ppb
Uranium	238-1	539.16	536.98	539.34	538.50	0.24	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P8
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 14:51:19	DataFile Name :	057CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	515.34	513.65	511.69	513.56	0.36	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				99		%
Zinc	66-2	4852.13	4777.64	4757.74	4795.84	1.04	ppb
Zirconium	90-1	525.01	520.09	519.23	521.44	0.60	ppb
Zirconium	91-1	502.52	505.49	502.55	503.52	0.34	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	CCB15	Instrumnet Name :	P8
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 14:57:00	DataFile Name :	058CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.89	6.20	3.01	5.37	38.59	ppb
Antimony	121-1	0.11	0.12	0.11	0.11	3.36	ppb
Arsenic	75-2	0.16	0.05	0.02	0.08	95.97	ppb
Barium	135-1	0.46	0.23	0.30	0.33	35.25	ppb
Barium	137-1	0.31	0.22	0.30	0.27	16.71	ppb
Beryllium	9-1	0.29	0.25	0.24	0.26	11.30	ppb
Bismuth	209-1				103		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Cadmium	108-1	0.25	0.12	0.04	0.14	79.05	ppb
Cadmium	106-1	-6.46	-6.63	-3.92	-5.67		ppb
Cadmium	111-1	-0.20	-0.25	-0.08	-0.18		ppb
Calcium	43-1	41.28	32.02	28.03	33.78	20.13	ppb
Calcium	44-1	36.25	28.50	17.69	27.48	33.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.19	0.11	0.10	0.13	34.03	ppb
Cobalt	59-2	0.07	0.05	0.06	0.06	21.57	ppb
Copper	63-2	0.96	0.84	0.63	0.81	20.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				98		%
Iron	54-2	19.85	22.05	12.47	18.12	27.69	ppb
Iron	56-2	25.94	14.26	10.90	17.03	46.36	ppb
Iron	57-2	21.19	17.26	11.22	16.56	30.34	ppb
Krypton	83-1						cps
Lead	206-1	0.36	0.31	0.23	0.30	21.96	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	CCB15	Instrumnet Name :	P8
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 14:57:00	DataFile Name :	058CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.34	0.25	0.25	0.28	19.22	ppb
Lead	208-1	0.33	0.24	0.25	0.28	17.49	ppb
Lithium	6-1				104		%
Magnesium	24-2	22.22	17.06	13.32	17.53	25.48	ppb
Manganese	55-2	0.80	0.99	0.82	0.87	11.98	ppb
Molybdenum	94-1	0.53	0.48	0.45	0.49	8.52	ppb
Molybdenum	95-1	0.56	0.37	0.35	0.43	26.15	ppb
Molybdenum	96-1	0.57	0.43	0.45	0.48	16.65	ppb
Molybdenum	97-1	0.64	0.48	0.41	0.51	22.37	ppb
Molybdenum	98-1	0.73	0.50	0.39	0.54	32.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.09	-0.23	-0.25	-0.19		ppb
Phosphorus	31-2	-30.44	-14.81	-34.12	-26.45		ppb
Potassium	39-2	5.05	25.44	6.98	12.49	90.11	ppb
Rhodium	103-1				103		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				94		%
Selenium	82-1	-0.04	-0.14	0.53	0.12	309.48	ppb
Selenium	77-2	-0.92	-0.92	-0.92	-0.92		ppb
Selenium	78-2	-0.71	0.95	0.83	0.35	262.46	ppb
Silicon	28-1	0.43	0.23	-1.29	-0.21		ppb
Silver	107-1	-0.01	-0.02	-0.01	-0.01		ppb
Silver	109-1	-0.02	-0.02	-0.04	-0.03		ppb
Sodium	23-2	78.07	67.74	75.86	73.89	7.36	ppb
Strontium	86-1	1.58	0.97	0.72	1.09	40.47	ppb
Strontium	88-1	2.02	1.08	0.90	1.33	44.96	ppb
Sulfur	34-1	-669.99	-997.09	-2821.83	-1496.30		ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	0.14	0.13	0.16	0.14	10.75	ppb
Thallium	205-1	0.14	0.13	0.09	0.12	21.57	ppb
Tin	118-1	0.06	0.06	0.09	0.07	22.92	ppb
Titanium	47-1	0.86	0.58	0.33	0.59	44.98	ppb
Uranium	238-1	0.08	0.05	0.03	0.05	44.44	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	CCB15	Instrumnet Name :	P8
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 14:57:00	DataFile Name :	058CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.03	0.06	0.05	0.05	27.86	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				96		%
Zinc	66-2	0.78	0.36	0.33	0.49	50.73	ppb
Zirconium	90-1	0.05	0.02	0.06	0.05	41.46	ppb
Zirconium	91-1	0.02	0.04	0.07	0.04	55.82	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3108-02ADLX5	Instrumnet Name :	P8
Client Sample ID :	OU3-FC-BACKFILL-02R/	Dilution Factor :	5
Date & Time Acquired :	2023-06-13 15:03:05	DataFile Name :	060AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16523.02	16468.70	16976.00	16655.91	1.67	ppb
Antimony	121-1	100.41	99.70	99.17	99.76	0.62	ppb
Arsenic	75-2	103.77	100.50	103.16	102.48	1.70	ppb
Barium	135-1	561.51	556.92	552.14	556.86	0.84	ppb
Barium	137-1	560.32	558.65	561.62	560.20	0.27	ppb
Beryllium	9-1	96.68	97.80	98.55	97.67	0.96	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Cadmium	108-1	98.59	98.74	98.71	98.68	0.08	ppb
Cadmium	106-1	102.41	99.21	103.20	101.60	2.08	ppb
Cadmium	111-1	107.05	104.39	105.83	105.75	1.26	ppb
Calcium	43-1	60267.62	61580.94	59658.44	60502.33	1.62	ppb
Calcium	44-1	60818.53	60702.56	60299.64	60606.91	0.45	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	102.79	101.72	105.97	103.49	2.13	ppb
Cobalt	59-2	132.52	133.51	137.40	134.47	1.92	ppb
Copper	63-2	1185.26	1196.41	1235.38	1205.68	2.18	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				102		%
Holmium	165-2				100		%
Indium	115-1				97		%
Indium	115-2				94		%
Iron	54-2	43430.09	41894.01	43972.96	43099.02	2.50	ppb
Iron	56-2	41538.93	41684.64	42905.07	42042.88	1.78	ppb
Iron	57-2	39704.95	39478.57	40394.92	39859.48	1.20	ppb
Krypton	83-1						cps
Lead	206-1	399.70	406.28	397.24	401.08	1.17	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3108-02ADLX5	Instrumnet Name :	P8
Client Sample ID :	OU3-FC-BACKFILL-02R/	Dilution Factor :	5
Date & Time Acquired :	2023-06-13 15:03:05	DataFile Name :	060AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	397.20	402.19	402.20	400.53	0.72	ppb
Lead	208-1	412.65	423.62	420.52	418.93	1.35	ppb
Lithium	6-1				99		%
Magnesium	24-2	23250.98	23318.14	23587.52	23385.55	0.76	ppb
Manganese	55-2	1951.58	1977.49	2006.11	1978.39	1.38	ppb
Molybdenum	94-1	503.18	499.70	517.09	506.66	1.82	ppb
Molybdenum	95-1	397.76	398.29	403.93	399.99	0.86	ppb
Molybdenum	96-1	407.89	413.13	414.91	411.98	0.89	ppb
Molybdenum	97-1	403.91	409.95	406.87	406.91	0.74	ppb
Molybdenum	98-1	399.53	402.12	404.01	401.88	0.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	119.31	120.18	124.56	121.35	2.32	ppb
Phosphorus	31-2	103.91	177.54	185.21	155.56	28.86	ppb
Potassium	39-2	5068.10	5009.78	5096.14	5058.01	0.87	ppb
Rhodium	103-1				96		%
Rhodium	103-2				94		%
Scandium	45-1				98		%
Scandium	45-2				91		%
Selenium	82-1	98.60	99.98	98.93	99.17	0.73	ppb
Selenium	77-2	107.74	94.43	112.97	105.05	9.10	ppb
Selenium	78-2	104.11	95.90	109.75	103.25	6.75	ppb
Silicon	28-1	506.10	513.40	509.75	509.75	0.72	ppb
Silver	107-1	106.07	104.53	105.75	105.45	0.77	ppb
Silver	109-1	107.74	106.63	104.73	106.37	1.43	ppb
Sodium	23-2	18699.13	18757.59	18903.73	18786.82	0.56	ppb
Strontium	86-1	217.06	219.22	219.86	218.72	0.67	ppb
Strontium	88-1	224.01	224.50	223.13	223.88	0.31	ppb
Sulfur	34-1	80942.76	81537.88	79798.65	80759.76	1.09	ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	95.77	96.53	97.40	96.57	0.84	ppb
Thallium	205-1	99.68	100.23	98.13	99.35	1.10	ppb
Tin	118-1	103.77	102.88	101.89	102.85	0.91	ppb
Titanium	47-1	424.62	434.76	430.35	429.91	1.18	ppb
Uranium	238-1	98.80	96.71	97.75	97.75	1.07	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3108-02ADLX5	Instrumnet Name :	P8
Client Sample ID :	OU3-FC-BACKFILL-02R/	Dilution Factor :	5
Date & Time Acquired :	2023-06-13 15:03:05	DataFile Name :	060AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	149.59	147.86	154.56	150.67	2.31	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				96		%
Zinc	66-2	171.37	172.73	174.20	172.76	0.82	ppb
Zirconium	90-1	95.39	94.97	96.23	95.53	0.68	ppb
Zirconium	91-1	93.21	95.16	96.40	94.92	1.70	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	PB153405BL	Instrumnet Name :	P8
Client Sample ID :	PB153405BL	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 15:45:19	DataFile Name :	061CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.00	0.76	0.07	0.28	151.47	ppb
Antimony	121-1	0.01	0.03	0.01	0.01	61.99	ppb
Arsenic	75-2	0.06	0.00	0.00	0.02	192.17	ppb
Barium	135-1	0.00	0.00	0.01	0.00		ppb
Barium	137-1	-0.02	-0.01	-0.01	-0.01		ppb
Beryllium	9-1	0.03	0.06	0.05	0.04	37.20	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Cadmium	108-1	0.18	-0.10	-0.04	0.01	977.53	ppb
Cadmium	106-1	-5.30	-9.11	-6.91	-7.11		ppb
Cadmium	111-1	-0.22	-0.37	-0.28	-0.29		ppb
Calcium	43-1	1.72	-1.08	-0.75	-0.04		ppb
Calcium	44-1	-2.60	-5.43	-4.79	-4.27		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.19	0.29	0.16	0.21	32.18	ppb
Cobalt	59-2	0.02	0.01	0.01	0.01	65.46	ppb
Copper	63-2	0.12	0.11	0.09	0.11	17.22	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				102		%
Holmium	165-2				98		%
Indium	115-1				99		%
Indium	115-2				94		%
Iron	54-2	2.76	2.53	2.70	2.66	4.37	ppb
Iron	56-2	1.84	2.78	1.91	2.18	24.05	ppb
Iron	57-2	7.30	1.77	4.41	4.50	61.52	ppb
Krypton	83-1						cps
Lead	206-1	0.00	-0.02	0.00	0.00		ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	PB153405BL	Instrumnet Name :	P8
Client Sample ID :	PB153405BL	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 15:45:19	DataFile Name :	061CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.00	0.00	0.00	0.00	900.23	ppb
Lead	208-1	0.01	0.00	0.01	0.00	195.82	ppb
Lithium	6-1				101		%
Magnesium	24-2	-4.27	-1.68	-2.27	-2.74		ppb
Manganese	55-2	0.05	0.06	0.05	0.05	13.14	ppb
Molybdenum	94-1	0.03	0.00	-0.02	0.00	528.28	ppb
Molybdenum	95-1	-0.01	0.01	0.04	0.02	164.42	ppb
Molybdenum	96-1	0.05	0.04	0.03	0.04	17.37	ppb
Molybdenum	97-1	0.02	0.04	0.04	0.03	43.83	ppb
Molybdenum	98-1	0.04	0.00	-0.01	0.01	257.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.29	-0.31	-0.30	-0.30		ppb
Phosphorus	31-2	-11.69	-6.56	-2.64	-6.96		ppb
Potassium	39-2	32.80	33.34	24.53	30.22	16.33	ppb
Rhodium	103-1				100		%
Rhodium	103-2				96		%
Scandium	45-1				99		%
Scandium	45-2				92		%
Selenium	82-1	0.57	0.34	-0.66	0.08	792.89	ppb
Selenium	77-2	-0.92	-0.92	-0.92	-0.92		ppb
Selenium	78-2	-0.28	1.32	-0.39	0.22	434.04	ppb
Silicon	28-1	0.15	-0.21	-0.01	-0.02		ppb
Silver	107-1	-0.02	-0.02	-0.01	-0.02		ppb
Silver	109-1	-0.03	-0.04	-0.03	-0.03		ppb
Sodium	23-2	17.02	22.02	11.18	16.74	32.40	ppb
Strontium	86-1	-0.12	-0.01	-0.03	-0.05		ppb
Strontium	88-1	0.00	-0.01	-0.02	-0.01		ppb
Sulfur	34-1	-271.93	-849.24	-597.17	-572.78		ppb
Terbium	159-1				102		%
Terbium	159-2				97		%
Thallium	203-1	0.01	0.04	0.05	0.03	55.31	ppb
Thallium	205-1	0.04	0.03	0.04	0.04	20.09	ppb
Tin	118-1	-0.02	-0.02	0.01	-0.01		ppb
Titanium	47-1	0.08	0.05	0.01	0.05	84.11	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	PB153405BL	Instrumnet Name :	P8
Client Sample ID :	PB153405BL	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 15:45:19	DataFile Name :	061CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.02	0.01	0.01	86.81	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				92		%
Zinc	66-2	0.18	-0.07	0.01	0.04	296.81	ppb
Zirconium	90-1	0.01	-0.02	0.01	0.00		ppb
Zirconium	91-1	-0.01	0.06	0.02	0.02	136.63	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	PB153405BS	Instrumnet Name :	P8
Client Sample ID :	PB153405BS	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 15:48:20	DataFile Name :	062LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10060.07	10172.57	10026.29	10086.31	0.76	ppb
Antimony	121-1	503.25	504.95	499.25	502.48	0.58	ppb
Arsenic	75-2	495.52	488.13	490.58	491.41	0.77	ppb
Barium	135-1	2539.40	2468.83	2497.78	2502.00	1.42	ppb
Barium	137-1	2499.39	2457.05	2506.09	2487.51	1.07	ppb
Beryllium	9-1	489.39	492.99	492.13	491.50	0.38	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Cadmium	108-1	490.37	494.17	499.10	494.54	0.88	ppb
Cadmium	106-1	497.69	493.48	475.76	488.98	2.38	ppb
Cadmium	111-1	490.19	492.50	489.62	490.77	0.31	ppb
Calcium	43-1	54923.35	55542.50	55606.50	55357.45	0.68	ppb
Calcium	44-1	52791.79	53805.85	52883.34	53160.33	1.06	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	492.07	491.97	488.62	490.89	0.40	ppb
Cobalt	59-2	481.08	485.47	479.26	481.93	0.66	ppb
Copper	63-2	5059.50	5066.57	5104.95	5077.01	0.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				104		%
Indium	115-1				101		%
Indium	115-2				97		%
Iron	54-2	25657.34	25840.68	25354.72	25617.58	0.96	ppb
Iron	56-2	26612.23	26302.26	26448.05	26454.18	0.59	ppb
Iron	57-2	24964.92	25175.34	24962.10	25034.12	0.49	ppb
Krypton	83-1						cps
Lead	206-1	2475.38	2455.83	2450.05	2460.42	0.54	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	PB153405BS	Instrumnet Name :	P8
Client Sample ID :	PB153405BS	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 15:48:20	DataFile Name :	062LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2466.41	2448.43	2423.42	2446.09	0.88	ppb
Lead	208-1	2496.21	2448.68	2433.03	2459.31	1.34	ppb
Lithium	6-1				101		%
Magnesium	24-2	52548.65	51203.88	52023.34	51925.29	1.31	ppb
Manganese	55-2	5001.63	5040.05	5007.04	5016.24	0.41	ppb
Molybdenum	94-1	4995.14	4991.82	5049.48	5012.15	0.65	ppb
Molybdenum	95-1	4905.57	4958.95	4930.20	4931.57	0.54	ppb
Molybdenum	96-1	4941.40	4903.87	5009.33	4951.53	1.08	ppb
Molybdenum	97-1	4932.84	5022.42	5046.00	5000.42	1.19	ppb
Molybdenum	98-1	5072.01	5038.90	5042.78	5051.23	0.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	499.46	506.78	496.82	501.02	1.03	ppb
Phosphorus	31-2	9566.07	9531.35	9928.44	9675.29	2.27	ppb
Potassium	39-2	25772.12	25888.01	25286.50	25648.87	1.24	ppb
Rhodium	103-1				102		%
Rhodium	103-2				98		%
Scandium	45-1				102		%
Scandium	45-2				96		%
Selenium	82-1	481.35	487.17	484.74	484.42	0.60	ppb
Selenium	77-2	482.65	482.48	480.05	481.73	0.30	ppb
Selenium	78-2	474.08	476.41	489.08	479.86	1.68	ppb
Silicon	28-1	485.02	496.22	497.26	492.83	1.38	ppb
Silver	107-1	500.66	507.26	499.53	502.48	0.83	ppb
Silver	109-1	497.94	502.15	497.77	499.29	0.50	ppb
Sodium	23-2	51173.15	52069.07	51013.80	51418.67	1.11	ppb
Strontium	86-1	12349.60	12514.62	12758.38	12540.87	1.64	ppb
Strontium	88-1	12396.69	12574.45	12619.86	12530.33	0.94	ppb
Sulfur	34-1	9496.12	9437.53	9568.36	9500.67	0.69	ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	504.41	497.60	494.17	498.73	1.05	ppb
Thallium	205-1	501.18	500.18	495.26	498.88	0.63	ppb
Tin	118-1	488.46	496.80	506.03	497.10	1.77	ppb
Titanium	47-1	5015.70	5034.75	4970.30	5006.91	0.66	ppb
Uranium	238-1	487.77	475.79	480.69	481.42	1.25	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	PB153405BS	Instrumnet Name :	P8
Client Sample ID :	PB153405BS	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 15:48:20	DataFile Name :	062LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	494.10	491.05	488.35	491.17	0.59	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				98		%
Zinc	66-2	4732.59	4807.27	4786.37	4775.41	0.81	ppb
Zirconium	90-1	495.64	503.44	495.57	498.22	0.91	ppb
Zirconium	91-1	481.15	485.66	486.19	484.33	0.57	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3153-04DLX5	Instrumnet Name :	P8
Client Sample ID :	NO3-TRANS-WATERDL	Dilution Factor :	5
Date & Time Acquired :	2023-06-13 15:54:48	DataFile Name :	063AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	113.29	111.49	112.08	112.29	0.82	ppb
Antimony	121-1	0.14	0.14	0.16	0.15	5.63	ppb
Arsenic	75-2	0.37	0.45	0.29	0.37	21.19	ppb
Barium	135-1	2.69	1.98	2.83	2.50	18.30	ppb
Barium	137-1	2.54	2.38	2.41	2.44	3.62	ppb
Beryllium	9-1	0.28	0.24	0.28	0.27	9.44	ppb
Bismuth	209-1				104		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Cadmium	108-1	0.23	0.14	0.44	0.27	57.09	ppb
Cadmium	106-1	-5.01	-4.86	-9.34	-6.40		ppb
Cadmium	111-1	-0.11	-0.08	-0.28	-0.15		ppb
Calcium	43-1	9934.94	8928.28	9990.13	9617.78	6.22	ppb
Calcium	44-1	9977.44	9160.31	10320.83	9819.52	6.07	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.22	0.32	0.32	0.28	20.28	ppb
Cobalt	59-2	0.45	0.37	0.39	0.40	9.84	ppb
Copper	63-2	2.28	1.98	2.26	2.17	7.76	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				105		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				98		%
Iron	54-2	24.35	23.13	31.13	26.20	16.45	ppb
Iron	56-2	24.20	24.50	25.57	24.76	2.91	ppb
Iron	57-2	43.40	45.49	47.02	45.30	4.01	ppb
Krypton	83-1						cps
Lead	206-1	0.83	0.60	0.84	0.76	17.80	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3153-04DLX5	Instrumnet Name :	P8
Client Sample ID :	NO3-TRANS-WATERDL	Dilution Factor :	5
Date & Time Acquired :	2023-06-13 15:54:48	DataFile Name :	063AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.72	0.63	0.79	0.71	11.81	ppb
Lead	208-1	0.77	0.63	0.79	0.73	11.66	ppb
Lithium	6-1				102		%
Magnesium	24-2	444.30	452.37	438.67	445.11	1.55	ppb
Manganese	55-2	57.34	59.00	61.32	59.22	3.38	ppb
Molybdenum	94-1	1.11	0.75	1.12	0.99	21.50	ppb
Molybdenum	95-1	1.37	1.03	1.28	1.23	14.23	ppb
Molybdenum	96-1	1.48	1.09	1.30	1.29	14.82	ppb
Molybdenum	97-1	1.32	1.03	1.31	1.22	13.92	ppb
Molybdenum	98-1	1.33	1.13	1.18	1.21	8.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.10	0.13	0.15	0.13	19.22	ppb
Phosphorus	31-2	-27.40	-49.29	19.50	-19.06		ppb
Potassium	39-2	1173.96	1222.42	1188.04	1194.81	2.09	ppb
Rhodium	103-1				103		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				95		%
Selenium	82-1	0.13	0.07	-0.45	-0.08		ppb
Selenium	77-2	-0.92	0.53	-0.92	-0.44		ppb
Selenium	78-2	1.31	-0.70	-0.63	-0.01		ppb
Silicon	28-1	79.29	70.98	78.29	76.19	5.95	ppb
Silver	107-1	0.00	0.00	0.01	0.00	131.95	ppb
Silver	109-1	-0.02	-0.03	-0.01	-0.02		ppb
Sodium	23-2	1631.94	1617.54	1627.33	1625.60	0.45	ppb
Strontium	86-1	46.27	42.04	47.85	45.39	6.61	ppb
Strontium	88-1	46.44	42.42	47.24	45.37	5.69	ppb
Sulfur	34-1	-894.05	-2587.51	-963.57	-1481.71		ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	0.15	0.10	0.11	0.12	20.49	ppb
Thallium	205-1	0.12	0.13	0.16	0.14	15.57	ppb
Tin	118-1	0.18	0.12	0.13	0.15	22.90	ppb
Titanium	47-1	0.94	0.80	1.26	1.00	23.80	ppb
Uranium	238-1	0.18	0.17	0.20	0.18	8.03	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3153-04DLX5	Instrumnet Name :	P8
Client Sample ID :	NO3-TRANS-WATERDL	Dilution Factor :	5
Date & Time Acquired :	2023-06-13 15:54:48	DataFile Name :	063AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.44	0.33	0.50	0.43	20.01	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				97		%
Zinc	66-2	5.24	4.91	5.66	5.27	7.14	ppb
Zirconium	90-1	0.08	0.05	0.05	0.06	27.48	ppb
Zirconium	91-1	0.08	0.04	0.04	0.05	38.16	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3153-04DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	NO3-TRANS-WATERDU	Dilution Factor :	5
Date & Time Acquired :	2023-06-13 15:57:50	DataFile Name :	064AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	119.30	113.11	107.45	113.29	5.23	ppb
Antimony	121-1	0.10	0.09	0.09	0.09	5.06	ppb
Arsenic	75-2	0.22	0.37	0.33	0.31	24.55	ppb
Barium	135-1	2.52	2.83	2.61	2.65	5.99	ppb
Barium	137-1	2.71	2.99	2.76	2.82	5.13	ppb
Beryllium	9-1	0.22	0.23	0.15	0.20	21.89	ppb
Bismuth	209-1				94		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Cadmium	108-1	0.38	0.33	-0.03	0.23	99.30	ppb
Cadmium	106-1	-4.29	-4.11	-1.29	-3.23		ppb
Cadmium	111-1	-0.08	-0.12	0.01	-0.06		ppb
Calcium	43-1	9885.55	12810.85	10547.56	11081.32	13.84	ppb
Calcium	44-1	10118.19	13088.45	11039.24	11415.29	13.32	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.12	0.30	0.06	0.16	75.68	ppb
Cobalt	59-2	0.38	0.34	0.34	0.35	6.92	ppb
Copper	63-2	1.91	2.02	1.89	1.94	3.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				104		%
Indium	115-1				94		%
Indium	115-2				101		%
Iron	54-2	26.46	26.14	24.55	25.72	3.98	ppb
Iron	56-2	28.00	27.98	26.19	27.39	3.79	ppb
Iron	57-2	43.47	51.24	44.83	46.51	8.92	ppb
Krypton	83-1						cps
Lead	206-1	0.74	0.76	0.55	0.69	16.71	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3153-04DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	NO3-TRANS-WATERDU	Dilution Factor :	5
Date & Time Acquired :	2023-06-13 15:57:50	DataFile Name :	064AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.64	0.76	0.56	0.66	15.38	ppb
Lead	208-1	0.69	0.78	0.53	0.67	18.56	ppb
Lithium	6-1				94		%
Magnesium	24-2	459.20	456.61	425.10	446.97	4.25	ppb
Manganese	55-2	61.13	60.25	56.01	59.13	4.63	ppb
Molybdenum	94-1	1.07	1.08	0.83	0.99	14.02	ppb
Molybdenum	95-1	1.10	1.28	0.76	1.05	25.01	ppb
Molybdenum	96-1	1.07	1.31	0.93	1.11	17.56	ppb
Molybdenum	97-1	1.21	1.19	1.03	1.14	8.66	ppb
Molybdenum	98-1	1.13	1.25	1.15	1.17	5.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.07	0.15	0.06	0.09	55.53	ppb
Phosphorus	31-2	-30.09	-50.22	-41.74	-40.68		ppb
Potassium	39-2	1270.09	1245.10	1145.18	1220.12	5.42	ppb
Rhodium	103-1				94		%
Rhodium	103-2				103		%
Scandium	45-1				93		%
Scandium	45-2				97		%
Selenium	82-1	0.22	-0.26	0.08	0.02	1544.28	ppb
Selenium	77-2	-0.92	-0.92	-0.92	-0.92		ppb
Selenium	78-2	0.05	-1.26	-0.47	-0.56		ppb
Silicon	28-1	78.99	106.08	83.62	89.56	16.18	ppb
Silver	107-1	0.02	0.02	0.00	0.01	80.85	ppb
Silver	109-1	-0.01	0.01	-0.01	0.00		ppb
Sodium	23-2	1730.47	1652.40	1557.60	1646.82	5.26	ppb
Strontium	86-1	45.64	59.23	49.84	51.57	13.49	ppb
Strontium	88-1	46.64	59.97	49.33	51.98	13.57	ppb
Sulfur	34-1	-1114.11	3601.62	-554.40	644.37	399.81	ppb
Terbium	159-1				95		%
Terbium	159-2				103		%
Thallium	203-1	0.13	0.14	0.06	0.11	41.33	ppb
Thallium	205-1	0.11	0.13	0.07	0.10	26.88	ppb
Tin	118-1	0.09	0.19	0.13	0.14	34.07	ppb
Titanium	47-1	0.83	0.80	0.73	0.79	6.69	ppb
Uranium	238-1	0.14	0.11	0.08	0.11	28.15	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3153-04DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	NO3-TRANS-WATERDU	Dilution Factor :	5
Date & Time Acquired :	2023-06-13 15:57:50	DataFile Name :	064AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.40	0.36	0.31	0.36	13.98	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				94		%
Yttrium	89-2				100		%
Zinc	66-2	5.42	5.12	5.21	5.25	2.92	ppb
Zirconium	90-1	0.05	0.05	0.01	0.04	66.02	ppb
Zirconium	91-1	0.04	0.12	0.04	0.07	76.20	ppb

LB Number : LB125939 Operator : Jaswal
 Lab Sample ID : O3153-04LDLX25 Instrumnet Name : P8
 Client Sample ID : NO3-TRANS-WATERLDI Dilution Factor : 25
 Date & Time Acquired : 2023-06-13 16:00:49 DataFile Name : 065AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	27.39	25.83	25.41	26.21	3.99	ppb
Antimony	121-1	0.03	0.02	0.04	0.03	35.75	ppb
Arsenic	75-2	0.06	0.05	0.02	0.04	50.24	ppb
Barium	135-1	0.59	0.63	0.50	0.57	11.62	ppb
Barium	137-1	0.54	0.61	0.53	0.56	7.64	ppb
Beryllium	9-1	0.13	0.11	0.09	0.11	17.57	ppb
Bismuth	209-1				100		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Cadmium	108-1	0.23	0.12	0.07	0.14	58.32	ppb
Cadmium	106-1	-4.61	-4.83	-3.07	-4.17		ppb
Cadmium	111-1	-0.16	-0.18	-0.11	-0.15		ppb
Calcium	43-1	1979.64	1996.21	1953.26	1976.37	1.10	ppb
Calcium	44-1	1986.11	1973.62	1987.13	1982.29	0.38	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.03	-0.18	-0.06	-0.09		ppb
Cobalt	59-2	0.10	0.10	0.07	0.09	14.44	ppb
Copper	63-2	0.79	0.62	0.62	0.68	14.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				104		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	54-2	5.09	3.69	5.70	4.83	21.26	ppb
Iron	56-2	7.13	6.77	6.27	6.72	6.46	ppb
Iron	57-2	12.74	10.02	9.15	10.63	17.61	ppb
Krypton	83-1						cps
Lead	206-1	0.17	0.15	0.14	0.15	9.00	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3153-04LDLX25	Instrumnet Name :	P8
Client Sample ID :	NO3-TRANS-WATERLDI	Dilution Factor :	25
Date & Time Acquired :	2023-06-13 16:00:49	DataFile Name :	065AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.17	0.17	0.12	0.15	19.29	ppb
Lead	208-1	0.17	0.17	0.14	0.16	12.19	ppb
Lithium	6-1				98		%
Magnesium	24-2	91.12	86.08	85.98	87.72	3.35	ppb
Manganese	55-2	11.50	12.19	12.02	11.90	3.02	ppb
Molybdenum	94-1	0.27	0.30	0.24	0.27	10.52	ppb
Molybdenum	95-1	0.41	0.33	0.27	0.33	21.16	ppb
Molybdenum	96-1	0.28	0.33	0.26	0.29	11.93	ppb
Molybdenum	97-1	0.37	0.29	0.29	0.32	14.91	ppb
Molybdenum	98-1	0.32	0.33	0.27	0.31	10.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.22	-0.20	-0.20	-0.21		ppb
Phosphorus	31-2	-6.83	-7.18	19.78	1.92	804.86	ppb
Potassium	39-2	247.45	229.23	247.13	241.27	4.32	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				98		%
Scandium	45-2				94		%
Selenium	82-1	-0.34	-0.18	0.62	0.03	1474.58	ppb
Selenium	77-2	-0.92	1.93	-0.92	0.03	5663.15	ppb
Selenium	78-2	-1.00	-0.75	0.57	-0.39		ppb
Silicon	28-1	16.62	16.33	16.30	16.41	1.09	ppb
Silver	107-1	-0.02	-0.02	-0.02	-0.02		ppb
Silver	109-1	-0.02	-0.02	-0.03	-0.03		ppb
Sodium	23-2	343.53	330.82	340.22	338.19	1.95	ppb
Strontium	86-1	9.19	9.23	9.76	9.39	3.35	ppb
Strontium	88-1	9.55	9.48	9.52	9.51	0.38	ppb
Sulfur	34-1	-573.02	-1112.89	-1153.56	-946.49		ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	0.04	0.04	0.03	0.04	22.59	ppb
Thallium	205-1	0.05	0.06	0.03	0.05	27.02	ppb
Tin	118-1	0.03	0.01	0.07	0.03	83.55	ppb
Titanium	47-1	0.25	0.20	0.22	0.22	11.82	ppb
Uranium	238-1	0.04	0.04	0.03	0.04	26.69	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3153-04LDLX25	Instrumnet Name :	P8
Client Sample ID :	NO3-TRANS-WATERLDI	Dilution Factor :	25
Date & Time Acquired :	2023-06-13 16:00:49	DataFile Name :	065AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.11	0.14	0.04	0.10	50.21	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				97		%
Zinc	66-2	1.80	1.54	1.35	1.56	14.29	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	126.44	ppb
Zirconium	91-1	0.01	0.00	0.02	0.01	61.15	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3153-04MSDLX5	Instrumnet Name :	P8
Client Sample ID :	NO3-TRANS-WATERMS	Dilution Factor :	5
Date & Time Acquired :	2023-06-13 16:03:52	DataFile Name :	066AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2160.31	2151.42	2119.56	2143.76	1.00	ppb
Antimony	121-1	91.38	84.30	93.77	89.82	5.49	ppb
Arsenic	75-2	101.03	99.87	101.04	100.65	0.67	ppb
Barium	135-1	495.95	454.47	502.82	484.41	5.40	ppb
Barium	137-1	505.85	465.11	500.01	490.32	4.49	ppb
Beryllium	9-1	91.97	86.96	93.40	90.78	3.72	ppb
Bismuth	209-1				104		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Cadmium	108-1	91.98	82.96	94.42	89.79	6.72	ppb
Cadmium	106-1	94.45	88.40	91.72	91.52	3.31	ppb
Cadmium	111-1	96.01	93.06	101.54	96.87	4.45	ppb
Calcium	43-1	18959.00	17909.96	19216.66	18695.21	3.70	ppb
Calcium	44-1	19099.03	18376.33	19447.87	18974.41	2.88	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	95.92	94.87	93.08	94.62	1.52	ppb
Cobalt	59-2	97.43	94.63	94.16	95.41	1.85	ppb
Copper	63-2	991.96	993.44	974.20	986.53	1.09	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	54-2	5364.19	5390.24	5252.29	5335.57	1.37	ppb
Iron	56-2	5575.74	5642.99	5522.41	5580.38	1.08	ppb
Iron	57-2	5196.77	5286.24	5152.46	5211.82	1.31	ppb
Krypton	83-1						cps
Lead	206-1	356.91	339.48	372.03	356.14	4.57	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3153-04MSDLX5	Instrumnet Name :	P8
Client Sample ID :	NO3-TRANS-WATERMS	Dilution Factor :	5
Date & Time Acquired :	2023-06-13 16:03:52	DataFile Name :	066AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	358.26	339.95	366.95	355.05	3.88	ppb
Lead	208-1	375.94	354.75	389.99	373.56	4.75	ppb
Lithium	6-1				103		%
Magnesium	24-2	10287.47	10285.22	10168.99	10247.23	0.66	ppb
Manganese	55-2	985.78	984.56	972.33	980.89	0.76	ppb
Molybdenum	94-1	467.03	437.67	481.02	461.90	4.79	ppb
Molybdenum	95-1	375.37	348.45	384.14	369.32	5.04	ppb
Molybdenum	96-1	381.85	359.44	393.91	378.40	4.62	ppb
Molybdenum	97-1	378.97	354.44	390.54	374.65	4.92	ppb
Molybdenum	98-1	374.73	352.35	384.38	370.49	4.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	98.48	99.00	95.90	97.79	1.70	ppb
Phosphorus	31-2	14.40	-50.14	-24.52	-20.09		ppb
Potassium	39-2	5426.64	5418.94	5367.72	5404.43	0.59	ppb
Rhodium	103-1				103		%
Rhodium	103-2				98		%
Scandium	45-1				101		%
Scandium	45-2				96		%
Selenium	82-1	92.56	86.67	95.16	91.46	4.75	ppb
Selenium	77-2	91.65	129.76	89.54	103.65	21.84	ppb
Selenium	78-2	94.49	94.98	101.52	97.00	4.05	ppb
Silicon	28-1	73.30	68.30	75.80	72.46	5.27	ppb
Silver	107-1	97.79	94.00	100.73	97.51	3.46	ppb
Silver	109-1	99.43	93.61	103.00	98.68	4.80	ppb
Sodium	23-2	11555.19	11698.28	11510.25	11587.91	0.85	ppb
Strontium	86-1	135.73	124.27	136.58	132.19	5.20	ppb
Strontium	88-1	140.50	128.13	138.02	135.55	4.83	ppb
Sulfur	34-1	-946.89	-2193.35	-1186.41	-1442.22		ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	86.14	80.69	88.55	85.13	4.73	ppb
Thallium	205-1	88.98	83.97	91.84	88.26	4.51	ppb
Tin	118-1	95.34	88.27	98.09	93.90	5.39	ppb
Titanium	47-1	389.79	376.31	398.43	388.18	2.87	ppb
Uranium	238-1	84.70	80.63	89.45	84.93	5.20	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3153-04MSDLX5	Instrumnet Name :	P8
Client Sample ID :	NO3-TRANS-WATERMS	Dilution Factor :	5
Date & Time Acquired :	2023-06-13 16:03:52	DataFile Name :	066AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	99.28	96.74	95.07	97.03	2.18	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				97		%
Zinc	66-2	10.71	10.11	10.20	10.34	3.12	ppb
Zirconium	90-1	88.16	81.47	89.49	86.37	4.97	ppb
Zirconium	91-1	85.36	81.54	89.17	85.36	4.47	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3153-04MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	NO3-TRANS-WATERMS	Dilution Factor :	5
Date & Time Acquired :	2023-06-13 16:06:49	DataFile Name :	067AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2166.16	2170.16	2221.82	2186.05	1.42	ppb
Antimony	121-1	93.03	93.69	95.75	94.16	1.50	ppb
Arsenic	75-2	101.40	101.59	102.61	101.87	0.64	ppb
Barium	135-1	498.93	501.54	511.54	504.00	1.32	ppb
Barium	137-1	502.53	514.17	513.74	510.15	1.29	ppb
Beryllium	9-1	94.37	97.28	99.16	96.94	2.49	ppb
Bismuth	209-1				99		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Cadmium	108-1	92.84	93.10	99.03	94.99	3.69	ppb
Cadmium	106-1	94.00	96.44	102.84	97.76	4.67	ppb
Cadmium	111-1	97.90	98.19	101.77	99.29	2.17	ppb
Calcium	43-1	19736.92	19505.09	19833.99	19692.00	0.86	ppb
Calcium	44-1	20045.71	19875.09	19857.26	19926.02	0.52	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	94.48	95.70	97.40	95.86	1.53	ppb
Cobalt	59-2	95.05	96.51	98.79	96.78	1.95	ppb
Copper	63-2	997.66	1001.57	1022.07	1007.10	1.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				104		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	54-2	5398.84	5341.79	5523.89	5421.51	1.72	ppb
Iron	56-2	5609.89	5642.74	5792.19	5681.61	1.71	ppb
Iron	57-2	5248.84	5401.79	5515.93	5388.85	2.49	ppb
Krypton	83-1						cps
Lead	206-1	375.80	375.24	375.36	375.47	0.08	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3153-04MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	NO3-TRANS-WATERMS	Dilution Factor :	5
Date & Time Acquired :	2023-06-13 16:06:49	DataFile Name :	067AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	373.68	374.91	370.09	372.90	0.67	ppb
Lead	208-1	391.81	393.31	387.33	390.82	0.80	ppb
Lithium	6-1				97		%
Magnesium	24-2	10233.54	10232.89	10688.26	10384.90	2.53	ppb
Manganese	55-2	993.27	992.74	1019.98	1002.00	1.55	ppb
Molybdenum	94-1	482.10	488.01	494.91	488.34	1.31	ppb
Molybdenum	95-1	385.59	385.26	391.26	387.37	0.87	ppb
Molybdenum	96-1	395.02	389.71	398.75	394.49	1.15	ppb
Molybdenum	97-1	390.30	384.32	400.26	391.63	2.06	ppb
Molybdenum	98-1	390.85	390.03	398.44	393.11	1.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	99.48	100.08	103.53	101.03	2.16	ppb
Phosphorus	31-2	-45.83	-31.86	50.22	-9.16		ppb
Potassium	39-2	5436.70	5451.44	5562.63	5483.59	1.26	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				98		%
Scandium	45-2				95		%
Selenium	82-1	97.05	96.19	97.44	96.89	0.66	ppb
Selenium	77-2	95.61	96.36	96.46	96.14	0.48	ppb
Selenium	78-2	96.43	96.44	96.63	96.50	0.12	ppb
Silicon	28-1	78.07	77.52	77.77	77.79	0.35	ppb
Silver	107-1	100.70	101.44	105.67	102.60	2.61	ppb
Silver	109-1	100.96	100.94	104.54	102.15	2.03	ppb
Sodium	23-2	11740.80	11765.72	12236.55	11914.36	2.34	ppb
Strontium	86-1	135.70	138.06	138.41	137.39	1.07	ppb
Strontium	88-1	142.21	142.39	142.66	142.42	0.16	ppb
Sulfur	34-1	-57.67	-413.16	-195.34	-222.06		ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	91.63	90.03	90.09	90.58	1.01	ppb
Thallium	205-1	93.18	92.09	93.14	92.81	0.66	ppb
Tin	118-1	95.03	97.74	99.85	97.54	2.47	ppb
Titanium	47-1	411.67	404.56	413.51	409.92	1.15	ppb
Uranium	238-1	89.61	88.71	88.44	88.92	0.69	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3153-04MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	NO3-TRANS-WATERMS	Dilution Factor :	5
Date & Time Acquired :	2023-06-13 16:06:49	DataFile Name :	067AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	96.51	96.21	100.53	97.75	2.47	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				97		%
Zinc	66-2	11.23	10.68	11.19	11.03	2.83	ppb
Zirconium	90-1	89.64	90.40	93.06	91.03	1.97	ppb
Zirconium	91-1	91.48	88.96	93.62	91.35	2.55	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3153-04ADLX5	Instrumnet Name :	P8
Client Sample ID :	NO3-TRANS-WATERADI	Dilution Factor :	5
Date & Time Acquired :	2023-06-13 16:09:48	DataFile Name :	068AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2152.86	2223.62	2352.20	2242.89	4.51	ppb
Antimony	121-1	95.05	94.80	99.20	96.35	2.57	ppb
Arsenic	75-2	101.91	100.78	108.79	103.83	4.18	ppb
Barium	135-1	515.93	508.29	535.58	519.93	2.71	ppb
Barium	137-1	523.89	516.85	544.58	528.44	2.73	ppb
Beryllium	9-1	98.99	100.85	101.85	100.56	1.44	ppb
Bismuth	209-1				98		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Cadmium	108-1	96.73	93.10	101.10	96.98	4.13	ppb
Cadmium	106-1	101.20	96.71	97.98	98.63	2.34	ppb
Cadmium	111-1	100.59	103.34	105.94	103.29	2.59	ppb
Calcium	43-1	20183.64	19939.11	20623.83	20248.86	1.71	ppb
Calcium	44-1	19938.54	20194.62	20759.03	20297.40	2.07	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	96.75	98.13	103.43	99.44	3.55	ppb
Cobalt	59-2	95.40	96.83	104.92	99.05	5.18	ppb
Copper	63-2	998.59	1006.69	1074.96	1026.75	4.09	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				99		%
Indium	115-1				97		%
Indium	115-2				96		%
Iron	54-2	5365.30	5445.46	5832.07	5547.61	4.50	ppb
Iron	56-2	5610.65	5729.98	5993.14	5777.92	3.39	ppb
Iron	57-2	5295.64	5366.69	5769.19	5477.17	4.66	ppb
Krypton	83-1						cps
Lead	206-1	374.46	372.28	402.53	383.09	4.40	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3153-04ADLX5	Instrumnet Name :	P8
Client Sample ID :	NO3-TRANS-WATERADI	Dilution Factor :	5
Date & Time Acquired :	2023-06-13 16:09:48	DataFile Name :	068AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	376.30	380.99	402.20	386.50	3.57	ppb
Lead	208-1	392.35	390.38	421.45	401.39	4.33	ppb
Lithium	6-1				95		%
Magnesium	24-2	10195.52	10405.36	11223.73	10608.20	5.12	ppb
Manganese	55-2	992.87	1007.17	1077.78	1025.94	4.43	ppb
Molybdenum	94-1	491.13	496.86	522.73	503.57	3.34	ppb
Molybdenum	95-1	388.83	395.45	417.09	400.46	3.69	ppb
Molybdenum	96-1	394.76	399.11	428.96	407.61	4.57	ppb
Molybdenum	97-1	388.72	396.82	419.40	401.65	3.96	ppb
Molybdenum	98-1	391.45	395.92	419.08	402.15	3.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	98.43	97.94	105.77	100.71	4.35	ppb
Phosphorus	31-2	-0.69	-7.25	-53.33	-20.42		ppb
Potassium	39-2	5388.42	5479.55	5919.27	5595.75	5.07	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				96		%
Scandium	45-2				93		%
Selenium	82-1	95.76	93.85	102.97	97.53	4.93	ppb
Selenium	77-2	120.76	106.33	96.11	107.73	11.50	ppb
Selenium	78-2	97.83	105.51	105.11	102.82	4.20	ppb
Silicon	28-1	79.15	78.12	79.40	78.89	0.86	ppb
Silver	107-1	105.07	103.36	108.78	105.73	2.62	ppb
Silver	109-1	105.14	103.22	109.80	106.05	3.19	ppb
Sodium	23-2	11430.99	12140.73	12422.07	11997.93	4.26	ppb
Strontium	86-1	136.63	141.98	150.49	143.03	4.89	ppb
Strontium	88-1	146.76	145.48	154.11	148.78	3.13	ppb
Sulfur	34-1	310.67	-95.16	585.56	267.02	128.25	ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	89.50	91.06	95.46	92.01	3.36	ppb
Thallium	205-1	92.47	92.23	98.79	94.50	3.94	ppb
Tin	118-1	99.26	100.13	103.32	100.90	2.12	ppb
Titanium	47-1	419.21	418.62	433.96	423.93	2.05	ppb
Uranium	238-1	90.50	90.93	94.91	92.11	2.64	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3153-04ADLX5	Instrumnet Name :	P8
Client Sample ID :	NO3-TRANS-WATERADI	Dilution Factor :	5
Date & Time Acquired :	2023-06-13 16:09:48	DataFile Name :	068AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	98.73	100.80	106.84	102.12	4.13	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				95		%
Zinc	66-2	12.21	12.79	13.12	12.70	3.63	ppb
Zirconium	90-1	92.06	92.26	98.19	94.17	3.70	ppb
Zirconium	91-1	91.96	92.22	96.43	93.54	2.69	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P8
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 16:21:50	DataFile Name :	070CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50853.98	51488.88	51049.12	51130.66	0.64	ppb
Antimony	121-1	506.58	500.12	501.23	502.64	0.69	ppb
Arsenic	75-2	495.28	494.86	493.96	494.70	0.14	ppb
Barium	135-1	2581.33	2544.13	2547.78	2557.75	0.80	ppb
Barium	137-1	2524.43	2542.20	2483.36	2516.67	1.20	ppb
Beryllium	9-1	493.17	484.93	494.39	490.83	1.05	ppb
Bismuth	209-1				93		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Cadmium	108-1	485.16	481.17	479.17	481.83	0.63	ppb
Cadmium	106-1	493.99	506.25	483.85	494.69	2.27	ppb
Cadmium	111-1	481.18	478.68	470.42	476.76	1.18	ppb
Calcium	43-1	266993.25	261209.09	268738.92	265647.09	1.48	ppb
Calcium	44-1	260461.10	253616.83	259289.95	257789.29	1.42	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	508.34	511.85	504.06	508.09	0.77	ppb
Cobalt	59-2	478.22	488.96	479.90	482.36	1.20	ppb
Copper	63-2	4952.82	5042.26	4931.02	4975.37	1.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				103		%
Indium	115-1				93		%
Indium	115-2				94		%
Iron	54-2	128538.54	129245.63	128599.21	128794.46	0.30	ppb
Iron	56-2	130870.64	131769.92	126956.08	129865.54	1.97	ppb
Iron	57-2	131682.28	132593.13	130916.48	131730.63	0.64	ppb
Krypton	83-1						cps
Lead	206-1	2626.45	2625.12	2570.46	2607.34	1.23	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P8
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 16:21:50	DataFile Name :	070CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2602.77	2594.99	2552.73	2583.49	1.04	ppb
Lead	208-1	2595.62	2607.62	2537.85	2580.36	1.45	ppb
Lithium	6-1				95		%
Magnesium	24-2	247210.24	252569.26	250005.89	249928.46	1.07	ppb
Manganese	55-2	5083.67	5218.78	5022.64	5108.36	1.96	ppb
Molybdenum	94-1	5306.80	5036.92	5289.97	5211.23	2.90	ppb
Molybdenum	95-1	5237.46	4957.60	5126.61	5107.22	2.76	ppb
Molybdenum	96-1	5283.19	5006.75	5153.58	5147.84	2.69	ppb
Molybdenum	97-1	5274.42	4897.00	5263.16	5144.86	4.17	ppb
Molybdenum	98-1	5285.88	5096.61	5215.46	5199.32	1.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	490.54	498.02	489.04	492.53	0.98	ppb
Phosphorus	31-2	9895.72	10154.04	9750.07	9933.28	2.06	ppb
Potassium	39-2	124359.61	124660.76	125414.05	124811.47	0.44	ppb
Rhodium	103-1				93		%
Rhodium	103-2				92		%
Scandium	45-1				96		%
Scandium	45-2				94		%
Selenium	82-1	476.29	463.22	470.04	469.85	1.39	ppb
Selenium	77-2	473.86	459.80	480.54	471.40	2.25	ppb
Selenium	78-2	485.82	490.27	471.54	482.54	2.03	ppb
Silicon	28-1	614.06	598.72	617.18	609.99	1.62	ppb
Silver	107-1	489.80	491.46	479.80	487.02	1.29	ppb
Silver	109-1	493.99	490.80	474.48	486.42	2.15	ppb
Sodium	23-2	247141.92	251388.59	250593.62	249708.04	0.90	ppb
Strontium	86-1	13065.10	12512.25	12722.19	12766.51	2.19	ppb
Strontium	88-1	13051.77	12420.60	12865.32	12779.23	2.54	ppb
Sulfur	34-1	11804.96	10485.72	11570.47	11287.05	6.24	ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	530.15	513.37	511.44	518.32	1.99	ppb
Thallium	205-1	537.77	541.50	514.90	531.39	2.71	ppb
Tin	118-1	488.85	484.50	478.42	483.93	1.08	ppb
Titanium	47-1	5243.41	4986.13	5236.36	5155.30	2.84	ppb
Uranium	238-1	525.04	530.19	519.01	524.74	1.07	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P8
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 16:21:50	DataFile Name :	070CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	505.41	509.05	506.56	507.01	0.37	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				96		%
Zinc	66-2	4621.75	4707.40	4639.28	4656.15	0.97	ppb
Zirconium	90-1	529.43	503.80	521.27	518.17	2.53	ppb
Zirconium	91-1	512.77	487.11	509.58	503.15	2.78	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	CCB16	Instrumnet Name :	P8
Client Sample ID :	CCB16	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 16:27:37	DataFile Name :	071CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.74	0.60	0.95	0.76	23.29	ppb
Antimony	121-1	0.14	0.16	0.10	0.14	24.54	ppb
Arsenic	75-2	-0.01	0.01	0.02	0.01	277.82	ppb
Barium	135-1	0.30	0.32	0.03	0.22	73.37	ppb
Barium	137-1	0.28	0.21	0.02	0.17	78.08	ppb
Beryllium	9-1	0.33	0.30	0.29	0.31	6.31	ppb
Bismuth	209-1				101		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Cadmium	108-1	0.49	-0.10	0.18	0.19	154.34	ppb
Cadmium	106-1	-4.92	-5.10	-3.59	-4.54		ppb
Cadmium	111-1	-0.17	-0.16	-0.14	-0.16		ppb
Calcium	43-1	21.09	33.39	4.65	19.71	73.16	ppb
Calcium	44-1	17.44	14.90	-1.91	10.14	103.67	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.04	-0.08	-0.06	-0.04		ppb
Cobalt	59-2	0.02	0.04	0.04	0.04	32.67	ppb
Copper	63-2	0.66	0.59	0.48	0.58	15.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				97		%
Indium	115-1				98		%
Indium	115-2				92		%
Iron	54-2	6.24	5.14	3.16	4.84	32.20	ppb
Iron	56-2	5.14	4.68	5.43	5.08	7.39	ppb
Iron	57-2	9.59	4.99	3.67	6.08	51.16	ppb
Krypton	83-1						cps
Lead	206-1	0.18	0.18	0.04	0.13	57.99	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	CCB16	Instrumnet Name :	P8
Client Sample ID :	CCB16	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 16:27:37	DataFile Name :	071CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.25	0.24	0.06	0.18	59.95	ppb
Lead	208-1	0.23	0.24	0.06	0.18	56.87	ppb
Lithium	6-1				96		%
Magnesium	24-2	0.90	1.15	3.85	1.97	83.24	ppb
Manganese	55-2	0.29	0.29	0.25	0.28	7.92	ppb
Molybdenum	94-1	0.63	0.45	0.29	0.45	37.42	ppb
Molybdenum	95-1	0.61	0.57	0.18	0.46	52.14	ppb
Molybdenum	96-1	0.61	0.48	0.20	0.43	47.89	ppb
Molybdenum	97-1	0.48	0.53	0.20	0.40	43.67	ppb
Molybdenum	98-1	0.74	0.48	0.24	0.48	51.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.25	-0.32	-0.34	-0.30		ppb
Phosphorus	31-2	1.74	4.13	-52.97	-15.70		ppb
Potassium	39-2	99.47	52.52	31.81	61.27	56.58	ppb
Rhodium	103-1				99		%
Rhodium	103-2				92		%
Scandium	45-1				96		%
Scandium	45-2				88		%
Selenium	82-1	0.60	0.18	0.40	0.40	53.21	ppb
Selenium	77-2	-0.92	0.61	-0.92	-0.41		ppb
Selenium	78-2	0.78	0.30	-0.74	0.11	689.02	ppb
Silicon	28-1	0.33	-0.35	-0.27	-0.10		ppb
Silver	107-1	0.00	0.01	-0.02	0.00		ppb
Silver	109-1	-0.01	-0.01	-0.03	-0.02		ppb
Sodium	23-2	85.25	73.21	62.14	73.53	15.72	ppb
Strontium	86-1	0.85	0.89	0.13	0.62	68.20	ppb
Strontium	88-1	0.90	0.90	0.16	0.66	64.97	ppb
Sulfur	34-1	626.87	122.17	386.13	378.39	66.71	ppb
Terbium	159-1				100		%
Terbium	159-2				94		%
Thallium	203-1	0.10	0.08	0.09	0.09	14.79	ppb
Thallium	205-1	0.14	0.12	0.07	0.11	30.07	ppb
Tin	118-1	0.04	0.07	0.02	0.04	51.05	ppb
Titanium	47-1	0.73	0.48	0.17	0.46	60.68	ppb
Uranium	238-1	0.04	0.05	0.01	0.03	68.28	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	CCB16	Instrumnet Name :	P8
Client Sample ID :	CCB16	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 16:27:37	DataFile Name :	071CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.04	0.02	0.02	0.03	27.10	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				90		%
Zinc	66-2	0.38	0.42	0.19	0.33	36.24	ppb
Zirconium	90-1	0.06	0.01	-0.01	0.02	156.04	ppb
Zirconium	91-1	0.03	0.00	0.04	0.03	74.91	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3170-01DLX25	Instrumnet Name :	P8
Client Sample ID :	AUD-1917DL	Dilution Factor :	25
Date & Time Acquired :	2023-06-13 16:32:13	DataFile Name :	072AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	210.56	222.35	218.99	217.30	2.79	ppb
Antimony	121-1	1.22	1.59	1.49	1.43	13.07	ppb
Arsenic	75-2	0.36	0.52	0.44	0.44	18.10	ppb
Barium	135-1	7.05	7.66	6.71	7.14	6.77	ppb
Barium	137-1	7.07	7.63	6.83	7.18	5.77	ppb
Beryllium	9-1	0.26	0.28	0.24	0.26	8.16	ppb
Bismuth	209-1				91		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Cadmium	108-1	22.50	28.00	23.74	24.75	11.65	ppb
Cadmium	106-1	-4.02	-4.79	-1.53	-3.45		ppb
Cadmium	111-1	0.84	0.52	0.81	0.72	24.55	ppb
Calcium	43-1	1168.82	1290.95	1151.88	1203.88	6.30	ppb
Calcium	44-1	1957.29	2334.04	2156.40	2149.24	8.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.19	2.54	2.63	2.45	9.37	ppb
Cobalt	59-2	0.13	0.21	0.19	0.17	24.22	ppb
Copper	63-2	259.22	281.35	280.11	273.56	4.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				91		%
Holmium	165-2				103		%
Indium	115-1				89		%
Indium	115-2				98		%
Iron	54-2	237.25	265.37	269.77	257.46	6.85	ppb
Iron	56-2	236.59	268.83	254.71	253.38	6.38	ppb
Iron	57-2	228.02	258.19	260.98	249.06	7.34	ppb
Krypton	83-1						cps
Lead	206-1	16.96	17.80	16.76	17.18	3.21	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3170-01DLX25	Instrumnet Name :	P8
Client Sample ID :	AUD-1917DL	Dilution Factor :	25
Date & Time Acquired :	2023-06-13 16:32:13	DataFile Name :	072AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	16.85	18.13	16.47	17.15	5.06	ppb
Lead	208-1	16.89	18.01	16.51	17.14	4.56	ppb
Lithium	6-1				88		%
Magnesium	24-2	203.02	221.18	216.16	213.45	4.39	ppb
Manganese	55-2	19.82	21.68	21.08	20.86	4.55	ppb
Molybdenum	94-1	1859.32	2122.14	1845.52	1942.33	8.03	ppb
Molybdenum	95-1	2191.46	2489.86	2246.94	2309.42	6.87	ppb
Molybdenum	96-1	2184.95	2445.29	2184.01	2271.42	6.63	ppb
Molybdenum	97-1	2277.75	2533.36	2206.39	2339.17	7.35	ppb
Molybdenum	98-1	2240.20	2534.14	2215.88	2330.07	7.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.15	2.39	2.42	2.32	6.33	ppb
Phosphorus	31-2	589.61	585.41	653.28	609.43	6.24	ppb
Potassium	39-2	88646.15	92541.57	92796.47	91328.06	2.55	ppb
Rhodium	103-1				89		%
Rhodium	103-2				96		%
Scandium	45-1				90		%
Scandium	45-2				94		%
Selenium	82-1	3.07	3.42	3.98	3.49	13.06	ppb
Selenium	77-2	1.85	-0.92	0.53	0.49	284.39	ppb
Selenium	78-2	0.28	1.88	0.60	0.92	92.07	ppb
Silicon	28-1	88.52	110.79	99.32	99.55	11.19	ppb
Silver	107-1	0.13	0.16	0.15	0.15	11.72	ppb
Silver	109-1	0.16	0.13	0.13	0.14	11.86	ppb
Sodium	23-2	92727.68	101214.90	100207.10	98049.89	4.73	ppb
Strontium	86-1	9.70	10.88	10.65	10.41	5.98	ppb
Strontium	88-1	9.75	10.91	10.32	10.33	5.62	ppb
Sulfur	34-1	5095.78	7338.49	4149.48	5527.92	29.63	ppb
Terbium	159-1				91		%
Terbium	159-2				101		%
Thallium	203-1	0.12	0.11	0.14	0.12	10.31	ppb
Thallium	205-1	0.13	0.14	0.15	0.14	5.00	ppb
Tin	118-1	2.93	3.17	2.97	3.03	4.24	ppb
Titanium	47-1	2.54	3.45	3.00	3.00	15.18	ppb
Uranium	238-1	0.05	0.06	0.06	0.05	12.00	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3170-01DLX25	Instrumnet Name :	P8
Client Sample ID :	AUD-1917DL	Dilution Factor :	25
Date & Time Acquired :	2023-06-13 16:32:13	DataFile Name :	072AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.96	1.05	1.07	1.03	5.56	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				90		%
Yttrium	89-2				97		%
Zinc	66-2	798.02	863.09	859.88	840.33	4.36	ppb
Zirconium	90-1	0.21	0.27	0.36	0.28	26.74	ppb
Zirconium	91-1	0.19	0.31	0.29	0.26	25.34	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3170-02DLX25	Instrumnet Name :	P8
Client Sample ID :	AUD-2012DL	Dilution Factor :	25
Date & Time Acquired :	2023-06-13 16:35:13	DataFile Name :	073AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11.82	10.24	10.78	10.94	7.33	ppb
Antimony	121-1	0.88	0.78	0.86	0.84	6.29	ppb
Arsenic	75-2	0.63	0.55	0.60	0.59	6.40	ppb
Barium	135-1	0.30	0.26	0.25	0.27	10.74	ppb
Barium	137-1	0.36	0.41	0.24	0.34	25.29	ppb
Beryllium	9-1	0.17	0.14	0.16	0.16	9.56	ppb
Bismuth	209-1				111		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Cadmium	108-1	0.68	0.79	0.85	0.77	10.77	ppb
Cadmium	106-1	-4.47	-2.54	-1.43	-2.81		ppb
Cadmium	111-1	-0.17	-0.13	-0.07	-0.12		ppb
Calcium	43-1	575.07	568.81	581.04	574.97	1.06	ppb
Calcium	44-1	1251.90	1349.98	1416.97	1339.61	6.20	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	11.95	10.68	10.57	11.07	6.93	ppb
Cobalt	59-2	0.03	0.02	0.02	0.02	25.61	ppb
Copper	63-2	1.24	0.99	1.08	1.10	11.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				104		%
Indium	115-1				107		%
Indium	115-2				98		%
Iron	54-2	5342.68	4611.01	4776.63	4910.10	7.81	ppb
Iron	56-2	5696.48	4835.27	5019.98	5183.91	8.75	ppb
Iron	57-2	5357.34	4495.91	4587.92	4813.72	9.83	ppb
Krypton	83-1						cps
Lead	206-1	8.50	8.22	8.33	8.35	1.68	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3170-02DLX25	Instrumnet Name :	P8
Client Sample ID :	AUD-2012DL	Dilution Factor :	25
Date & Time Acquired :	2023-06-13 16:35:13	DataFile Name :	073AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	7.81	7.55	7.66	7.67	1.69	ppb
Lead	208-1	7.91	7.78	7.86	7.85	0.80	ppb
Lithium	6-1				105		%
Magnesium	24-2	8.33	6.39	8.85	7.86	16.49	ppb
Manganese	55-2	6.77	6.05	6.42	6.42	5.57	ppb
Molybdenum	94-1	1.60	1.37	0.73	1.24	36.29	ppb
Molybdenum	95-1	1.73	1.92	0.90	1.51	35.83	ppb
Molybdenum	96-1	1.66	1.23	0.75	1.21	37.87	ppb
Molybdenum	97-1	1.84	1.29	0.76	1.30	41.59	ppb
Molybdenum	98-1	1.65	1.35	0.80	1.27	34.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.82	0.68	0.90	0.80	14.02	ppb
Phosphorus	31-2	326.47	208.39	297.65	277.50	22.18	ppb
Potassium	39-2	28919.21	23781.90	25036.56	25912.56	10.34	ppb
Rhodium	103-1				109		%
Rhodium	103-2				99		%
Scandium	45-1				107		%
Scandium	45-2				94		%
Selenium	82-1	2.48	2.22	3.92	2.87	31.94	ppb
Selenium	77-2	7.13	1.78	4.62	4.51	59.36	ppb
Selenium	78-2	6.18	4.71	6.04	5.64	14.38	ppb
Silicon	28-1	56.63	60.44	65.01	60.69	6.91	ppb
Silver	107-1	-0.02	-0.02	-0.01	-0.02		ppb
Silver	109-1	-0.03	-0.02	-0.03	-0.03		ppb
Sodium	23-2	4501.00	3835.15	4007.55	4114.57	8.40	ppb
Strontium	86-1	4.07	4.20	3.32	3.86	12.20	ppb
Strontium	88-1	4.14	3.97	3.63	3.92	6.73	ppb
Sulfur	34-1	285.07	929.81	1632.38	949.09	71.00	ppb
Terbium	159-1				111		%
Terbium	159-2				100		%
Thallium	203-1	0.06	0.06	0.05	0.06	10.73	ppb
Thallium	205-1	0.06	0.06	0.06	0.06	1.19	ppb
Tin	118-1	0.92	0.98	0.96	0.95	2.97	ppb
Titanium	47-1	0.79	1.02	0.81	0.87	14.20	ppb
Uranium	238-1	0.02	0.02	0.01	0.02	61.16	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3170-02DLX25	Instrumnet Name :	P8
Client Sample ID :	AUD-2012DL	Dilution Factor :	25
Date & Time Acquired :	2023-06-13 16:35:13	DataFile Name :	073AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.67	0.53	0.45	0.55	21.08	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				97		%
Zinc	66-2	14.07	11.34	11.07	12.16	13.62	ppb
Zirconium	90-1	0.13	0.07	0.07	0.09	35.75	ppb
Zirconium	91-1	0.13	0.11	0.12	0.12	8.28	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	CCV17	Instrumnet Name :	P8
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 16:42:20	DataFile Name :	074CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51520.69	46941.83	57518.79	51993.77	10.20	ppb
Antimony	121-1	493.49	506.14	503.60	501.08	1.34	ppb
Arsenic	75-2	497.39	454.40	555.59	502.46	10.11	ppb
Barium	135-1	2642.01	2551.63	2612.35	2602.00	1.77	ppb
Barium	137-1	2583.46	2559.02	2569.36	2570.62	0.48	ppb
Beryllium	9-1	500.20	504.15	512.97	505.77	1.29	ppb
Bismuth	209-1				96		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Cadmium	108-1	496.02	499.56	494.97	496.85	0.48	ppb
Cadmium	106-1	486.00	510.35	489.27	495.21	2.67	ppb
Cadmium	111-1	469.65	482.45	487.24	479.78	1.90	ppb
Calcium	43-1	260429.33	267307.64	266724.15	264820.37	1.44	ppb
Calcium	44-1	256845.33	260267.95	259535.93	258883.07	0.70	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	508.72	461.98	562.82	511.17	9.87	ppb
Cobalt	59-2	484.10	442.53	536.65	487.76	9.67	ppb
Copper	63-2	4975.05	4659.51	5590.61	5075.06	9.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				103		%
Indium	115-1				97		%
Indium	115-2				95		%
Iron	54-2	129522.91	119626.39	144411.51	131186.94	9.51	ppb
Iron	56-2	130457.97	116320.11	142209.67	129662.58	10.00	ppb
Iron	57-2	131392.02	119838.03	143583.40	131604.48	9.02	ppb
Krypton	83-1						cps
Lead	206-1	2530.36	2640.78	2601.27	2590.80	2.16	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	CCV17	Instrumnet Name :	P8
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 16:42:20	DataFile Name :	074CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2480.13	2579.70	2548.36	2536.06	2.01	ppb
Lead	208-1	2532.57	2623.37	2571.24	2575.73	1.77	ppb
Lithium	6-1				97		%
Magnesium	24-2	252008.29	231577.63	282843.85	255476.59	10.10	ppb
Manganese	55-2	5195.93	4686.97	5660.84	5181.24	9.40	ppb
Molybdenum	94-1	5124.51	5259.54	5296.52	5226.86	1.73	ppb
Molybdenum	95-1	5176.46	5144.11	5133.41	5151.33	0.44	ppb
Molybdenum	96-1	5181.18	5129.72	5193.99	5168.30	0.66	ppb
Molybdenum	97-1	5087.44	5192.88	5256.26	5178.86	1.65	ppb
Molybdenum	98-1	5195.43	5225.68	5244.91	5222.00	0.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	489.21	456.22	550.24	498.56	9.57	ppb
Phosphorus	31-2	10231.38	9173.05	11316.04	10240.16	10.46	ppb
Potassium	39-2	124380.05	113149.39	139035.91	125521.78	10.34	ppb
Rhodium	103-1				96		%
Rhodium	103-2				92		%
Scandium	45-1				100		%
Scandium	45-2				95		%
Selenium	82-1	469.17	481.61	485.85	478.88	1.81	ppb
Selenium	77-2	473.35	404.95	527.32	468.54	13.09	ppb
Selenium	78-2	487.54	443.34	547.45	492.78	10.60	ppb
Silicon	28-1	609.36	613.87	621.14	614.79	0.97	ppb
Silver	107-1	494.81	485.28	493.62	491.24	1.06	ppb
Silver	109-1	490.38	486.31	492.57	489.75	0.65	ppb
Sodium	23-2	252924.72	228703.19	281876.86	254501.59	10.46	ppb
Strontium	86-1	12729.60	12955.06	13083.44	12922.70	1.39	ppb
Strontium	88-1	12582.23	12888.90	13012.11	12827.75	1.73	ppb
Sulfur	34-1	10439.45	10409.81	10356.69	10401.98	0.40	ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	509.77	534.53	523.35	522.55	2.37	ppb
Thallium	205-1	528.84	531.61	523.88	528.11	0.74	ppb
Tin	118-1	505.09	507.67	491.64	501.46	1.72	ppb
Titanium	47-1	5078.88	5101.46	5094.90	5091.75	0.23	ppb
Uranium	238-1	526.42	534.89	523.12	528.14	1.15	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	CCV17	Instrumnet Name :	P8
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 16:42:20	DataFile Name :	074CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	509.01	460.41	566.77	512.06	10.40	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				97		%
Zinc	66-2	4634.84	4220.07	5172.96	4675.96	10.22	ppb
Zirconium	90-1	511.98	514.82	531.40	519.40	2.02	ppb
Zirconium	91-1	494.41	504.87	505.37	501.55	1.23	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	CCB17	Instrumnet Name :	P8
Client Sample ID :	CCB17	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 16:48:49	DataFile Name :	075CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.70	3.42	4.64	4.25	17.00	ppb
Antimony	121-1	0.16	0.13	0.15	0.15	11.36	ppb
Arsenic	75-2	0.05	0.03	0.05	0.05	28.88	ppb
Barium	135-1	0.34	0.10	0.23	0.22	53.31	ppb
Barium	137-1	0.32	0.10	0.25	0.22	48.90	ppb
Beryllium	9-1	0.30	0.23	0.29	0.27	14.20	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Cadmium	108-1	1.17	1.05	0.94	1.05	10.85	ppb
Cadmium	106-1	-6.35	-4.52	-4.74	-5.21		ppb
Cadmium	111-1	-0.24	-0.21	-0.18	-0.21		ppb
Calcium	43-1	38.31	13.80	33.21	28.44	45.48	ppb
Calcium	44-1	48.48	21.59	39.11	36.39	37.50	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	-0.06	-0.07	-0.05		ppb
Cobalt	59-2	0.04	0.01	0.06	0.04	62.55	ppb
Copper	63-2	0.95	0.62	1.00	0.86	24.29	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				100		%
Holmium	165-2				101		%
Indium	115-1				98		%
Indium	115-2				96		%
Iron	54-2	17.44	8.55	15.53	13.84	33.83	ppb
Iron	56-2	18.35	9.22	14.92	14.16	32.57	ppb
Iron	57-2	21.27	11.12	16.44	16.28	31.18	ppb
Krypton	83-1						cps
Lead	206-1	0.52	0.09	0.28	0.30	71.87	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	CCB17	Instrumnet Name :	P8
Client Sample ID :	CCB17	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 16:48:49	DataFile Name :	075CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.50	0.14	0.28	0.31	58.81	ppb
Lead	208-1	0.44	0.11	0.27	0.27	60.88	ppb
Lithium	6-1				96		%
Magnesium	24-2	22.14	8.74	16.79	15.89	42.45	ppb
Manganese	55-2	0.66	0.43	0.75	0.61	27.44	ppb
Molybdenum	94-1	0.88	0.31	0.66	0.62	46.45	ppb
Molybdenum	95-1	1.06	0.55	0.79	0.80	31.72	ppb
Molybdenum	96-1	1.13	0.47	1.20	0.93	42.87	ppb
Molybdenum	97-1	0.97	0.38	0.60	0.65	45.69	ppb
Molybdenum	98-1	1.43	0.37	0.75	0.85	63.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.26	-0.26	-0.23	-0.25		ppb
Phosphorus	31-2	-32.69	16.58	-41.80	-19.30		ppb
Potassium	39-2	56.75	51.24	31.11	46.37	29.10	ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				96		%
Scandium	45-2				92		%
Selenium	82-1	0.16	0.56	0.26	0.33	63.26	ppb
Selenium	77-2	-0.92	-0.92	-0.92	-0.92		ppb
Selenium	78-2	-0.53	-0.53	0.48	-0.19		ppb
Silicon	28-1	1.06	0.77	0.95	0.93	16.19	ppb
Silver	107-1	-0.01	-0.02	0.01	-0.01		ppb
Silver	109-1	-0.02	-0.03	-0.03	-0.03		ppb
Sodium	23-2	107.33	82.58	81.21	90.38	16.27	ppb
Strontium	86-1	1.50	0.50	1.53	1.17	49.97	ppb
Strontium	88-1	1.70	0.37	1.40	1.16	60.07	ppb
Sulfur	34-1	563.63	251.92	159.21	324.92	65.21	ppb
Terbium	159-1				101		%
Terbium	159-2				98		%
Thallium	203-1	0.09	0.08	0.11	0.09	15.60	ppb
Thallium	205-1	0.14	0.07	0.10	0.10	33.50	ppb
Tin	118-1	0.03	0.04	0.03	0.03	18.30	ppb
Titanium	47-1	0.68	0.44	0.65	0.59	22.26	ppb
Uranium	238-1	0.08	0.01	0.05	0.05	68.27	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	CCB17	Instrumnet Name :	P8
Client Sample ID :	CCB17	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 16:48:49	DataFile Name :	075CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.07	0.03	0.05	0.05	42.23	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				94		%
Zinc	66-2	0.96	0.58	0.51	0.68	35.88	ppb
Zirconium	90-1	0.09	0.03	0.05	0.06	57.85	ppb
Zirconium	91-1	0.07	0.02	0.11	0.06	70.79	ppb

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 11:31:42	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	47	28	36	37	27.02	cps
Antimony	121-1	25	17	25	22	21.64	cps
Arsenic	75-2	3	2	2	2	24.74	cps
Barium	135-1	42	17	0	19	107.85	cps
Barium	137-1	25	33	42	33	25.01	cps
Beryllium	9-1	35	25	46	35	30.01	cps
Bismuth	209-1	4759132	4950415	4820014	4843187	2.02	cps
Bismuth	209-2	2447346	2535653	2619972	2534324	3.41	cps
Bromine	81-1	39256	40142	37660	39019	3.22	cps
Cadmium	108-1	21	13	25	19	32.73	cps
Cadmium	106-1	6560	5893	5868	6107	6.43	cps
Cadmium	111-1	2286	2062	2036	2128	6.44	cps
Calcium	43-1	134	165	136	145	11.98	cps
Calcium	44-1	12648	12216	11951	12272	2.87	cps
Carbon	12-1	2165475	2155852	2136834	2152721	0.68	cps
Carbon	12-2	25431	25506	25807	25581	0.78	cps
Chlorine	35-1	133487	130165	132176	131943	1.27	cps
Chlorine	35-2	758	633	758	717	10.07	cps
Chromium	52-2	850	823	820	831	1.98	cps
Cobalt	59-2	57	53	40	50	17.64	cps
Copper	63-2	490	467	450	469	4.28	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	58	50	33	47	26.96	cps
Erbium	164-2	23	13	23	20	28.87	cps
Gadolinium	160-1	33	33	42	36	13.33	cps
Gadolinium	160-2	127	123	107	119	9.01	cps
Holmium	165-1	7089753	7055169	7190773	7111898	0.99	cps
Holmium	165-2	3384682	3361297	3425227	3390402	0.95	cps
Indium	115-1	5529319	5538564	5530831	5532905	0.09	cps
Indium	115-2	884013	871365	886044	880474	0.90	cps
Iron	54-2	550	556	517	541	3.89	cps
Iron	56-2	3173	3462	3478	3371	5.10	cps
Iron	57-2	106	128	128	120	10.66	cps
Krypton	83-1	224	209	229	220	4.72	cps
Lead	206-1	450	433	422	435	3.21	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 11:31:42	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	317	328	400	348	13.00	cps
Lead	208-1	1617	1783	1578	1659	6.58	cps
Lithium	6-1	2834331	2737822	2780850	2784334	1.74	cps
Magnesium	24-2	608	683	767	686	11.54	cps
Manganese	55-2	53	57	33	48	26.42	cps
Molybdenum	94-1	100	117	158	125	24.04	cps
Molybdenum	95-1	67	33	67	56	34.65	cps
Molybdenum	96-1	100	75	117	97	21.57	cps
Molybdenum	97-1	17	25	0	14	91.65	cps
Molybdenum	98-1	100	58	75	78	26.97	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	7	3	7	6	34.70	cps
Nickel	60-2	280	263	283	276	3.89	cps
Phosphorus	31-2	275	283	192	250	20.28	cps
Potassium	39-2	27452	28904	27894	28083	2.65	cps
Rhodium	103-1	5266770	5084555	5096708	5149344	1.98	cps
Rhodium	103-2	2465410	2428987	2438368	2444255	0.77	cps
Scandium	45-1	3839476	3989128	3906492	3911698	1.92	cps
Scandium	45-2	128286	130342	128808	129145	0.83	cps
Selenium	82-1	11	24	8	14	60.03	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	31	30	28	30	5.15	cps
Silicon	28-1	828186	829781	831711	829893	0.21	cps
Silver	107-1	192	217	192	200	7.22	cps
Silver	109-1	208	200	142	183	19.81	cps
Sodium	23-2	18128	18262	18070	18153	0.54	cps
Strontium	86-1	400	333	408	381	10.80	cps
Strontium	88-1	933	283	292	503	74.17	cps
Sulfur	34-1	442979	438726	439469	440391	0.52	cps
Terbium	159-1	7255725	7143757	7350993	7250158	1.43	cps
Terbium	159-2	3381550	3409689	3375108	3388782	0.54	cps
Thallium	203-1	100	92	92	94	5.09	cps
Thallium	205-1	167	150	125	147	14.25	cps
Tin	118-1	433	358	467	419	13.23	cps
Titanium	47-1	125	83	83	97	24.74	cps
Uranium	238-1	100	25	0	42	124.90	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 11:31:42	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	3	3	3	3	0.00	cps
Ytterbium	172-1	33	67	25	42	52.92	cps
Ytterbium	172-2	11	17	28	19	45.83	cps
Ytterbium	176-1	1483	1792	1800	1692	10.67	cps
Ytterbium	176-2	8508	8948	8881	8779	2.70	cps
Yttrium	89-1	10130211	10116395	10402178	10216261	1.58	cps
Yttrium	89-2	1150344	1166406	1162332	1159694	0.72	cps
Zinc	66-2	100	90	67	86	19.99	cps
Zirconium	90-1	408	350	458	406	13.37	cps
Zirconium	91-1	42	67	75	61	28.38	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 11:34:44	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	765	771	776	771	0.73	cps
Antimony	121-1	6660	6393	6010	6354	5.14	cps
Arsenic	75-2	104	92	87	94	9.26	cps
Barium	135-1	8545	8820	9062	8809	2.94	cps
Barium	137-1	14783	14516	14558	14619	0.98	cps
Beryllium	9-1	1501	1599	1516	1539	3.41	cps
Bismuth	209-1	4783524	4815343	4777915	4792260	0.42	cps
Bismuth	209-2	2564885	2142549	2402393	2369942	8.99	cps
Bromine	81-1	40460	40534	38755	39916	2.52	cps
Cadmium	108-1	100	113	117	110	7.91	cps
Cadmium	106-1	6402	6093	6052	6182	3.09	cps
Cadmium	111-1	3096	2966	3041	3034	2.14	cps
Calcium	43-1	6237	6088	6102	6142	1.34	cps
Calcium	44-1	111251	110988	110615	110952	0.29	cps
Carbon	12-1	2622841	2727253	2775660	2708585	2.88	cps
Carbon	12-2	33505	34015	34198	33906	1.06	cps
Chlorine	35-1	163776	168353	166719	166283	1.39	cps
Chlorine	35-2	967	992	1042	1000	3.82	cps
Chromium	52-2	2840	2857	2887	2861	0.83	cps
Cobalt	59-2	1970	1840	1953	1921	3.68	cps
Copper	63-2	3297	3367	3340	3335	1.06	cps
Dysprosium	156-1	0	8	25	11	114.58	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	42	33	42	39	12.38	cps
Erbium	164-2	17	7	13	12	41.65	cps
Gadolinium	160-1	117	50	58	75	48.44	cps
Gadolinium	160-2	93	73	130	99	29.06	cps
Holmium	165-1	7095885	6904371	6926348	6975534	1.50	cps
Holmium	165-2	3464165	2883363	3296979	3214836	9.30	cps
Indium	115-1	5596589	5559642	5348611	5501614	2.43	cps
Indium	115-2	886974	726229	844030	819078	10.16	cps
Iron	54-2	2767	3084	3017	2956	5.65	cps
Iron	56-2	46526	46810	47340	46892	0.88	cps
Iron	57-2	1233	1278	1356	1289	4.80	cps
Krypton	83-1	237	184	200	207	13.31	cps
Lead	206-1	3501	3217	3462	3393	4.53	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 11:34:44	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	2861	2917	2884	2887	0.97	cps
Lead	208-1	13169	13308	13447	13308	1.04	cps
Lithium	6-1	2775487	2854854	2852559	2827633	1.60	cps
Magnesium	24-2	47929	49300	47519	48250	1.93	cps
Manganese	55-2	710	660	623	664	6.55	cps
Molybdenum	94-1	7836	7511	7461	7602	2.68	cps
Molybdenum	95-1	9370	9345	9328	9348	0.22	cps
Molybdenum	96-1	10337	10479	9804	10207	3.49	cps
Molybdenum	97-1	5601	5868	6010	5826	3.56	cps
Molybdenum	98-1	14408	14266	14750	14475	1.72	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	773	770	833	792	4.50	cps
Phosphorus	31-2	208	325	217	250	26.03	cps
Potassium	39-2	60243	59607	59607	59819	0.61	cps
Rhodium	103-1	5221653	5236013	5240172	5232612	0.19	cps
Rhodium	103-2	2491822	2021872	2340722	2284805	10.50	cps
Scandium	45-1	3919628	3914351	3969185	3934388	0.77	cps
Scandium	45-2	127907	110690	123807	120801	7.44	cps
Selenium	82-1	335	427	396	386	12.18	cps
Selenium	77-2	7	0	17	8	107.84	cps
Selenium	78-2	72	61	66	66	8.30	cps
Silicon	28-1	873895	877337	870468	873900	0.39	cps
Silver	107-1	4584	4468	4959	4670	5.50	cps
Silver	109-1	4418	4351	4809	4526	5.47	cps
Sodium	23-2	103734	105582	104063	104459	0.94	cps
Strontium	86-1	1684	1600	1542	1608	4.43	cps
Strontium	88-1	10337	10479	10963	10593	3.10	cps
Sulfur	34-1	444322	444079	441470	443290	0.36	cps
Terbium	159-1	7366369	7323631	7353187	7347729	0.30	cps
Terbium	159-2	3360309	2792213	3215926	3122816	9.46	cps
Thallium	203-1	3976	3676	3384	3678	8.05	cps
Thallium	205-1	9479	8828	9529	9279	4.21	cps
Tin	118-1	14858	15251	14725	14945	1.83	cps
Titanium	47-1	2992	3225	2742	2987	8.10	cps
Uranium	238-1	11856	12323	11989	12056	2.00	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 11:34:44	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	4047	3954	4264	4088	3.89	cps
Ytterbium	172-1	50	33	75	53	39.74	cps
Ytterbium	172-2	33	33	39	35	9.12	cps
Ytterbium	176-1	1658	1733	1792	1728	3.87	cps
Ytterbium	176-2	8030	7219	8075	7775	6.20	cps
Yttrium	89-1	10520630	10328019	10332048	10393566	1.06	cps
Yttrium	89-2	1158315	965868	1112519	1078901	9.32	cps
Zinc	66-2	417	473	437	442	6.50	cps
Zirconium	90-1	6277	6552	6076	6302	3.79	cps
Zirconium	91-1	1383	1392	1292	1356	4.09	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	37726	37948	37501	37725	0.59	cps
Antimony	121-1	160763	163706	167223	163897	1.97	cps
Arsenic	75-2	4891	4999	4888	4926	1.28	cps
Barium	135-1	214769	214183	221983	216978	2.00	cps
Barium	137-1	375099	376898	382973	378324	1.09	cps
Beryllium	9-1	71443	72172	72025	71880	0.54	cps
Bismuth	209-1	4832854	4789094	4748969	4790306	0.88	cps
Bismuth	209-2	2413322	2444581	2501316	2453073	1.82	cps
Bromine	81-1	40459	38211	40351	39674	3.20	cps
Cadmium	108-1	4038	4071	3976	4028	1.21	cps
Cadmium	106-1	11906	11989	11338	11744	3.01	cps
Cadmium	111-1	48190	48782	48525	48499	0.61	cps
Calcium	43-1	68993	70140	70290	69808	1.02	cps
Calcium	44-1	1080482	1084090	1103282	1089284	1.13	cps
Carbon	12-1	2417613	2497102	2523953	2479556	2.23	cps
Carbon	12-2	30240	30424	30641	30435	0.66	cps
Chlorine	35-1	152876	156615	154190	154560	1.23	cps
Chlorine	35-2	858	942	858	886	5.43	cps
Chromium	52-2	52954	53322	52111	52796	1.18	cps
Cobalt	59-2	92853	90736	90751	91447	1.33	cps
Copper	63-2	727183	735004	728211	730133	0.58	cps
Dysprosium	156-1	33	33	25	31	15.74	cps
Dysprosium	156-2	7	3	10	7	50.03	cps
Erbium	164-1	58	50	50	53	9.11	cps
Erbium	164-2	30	20	23	24	20.83	cps
Gadolinium	160-1	50	100	67	72	35.25	cps
Gadolinium	160-2	110	160	143	138	18.48	cps
Holmium	165-1	7135859	7042996	7082771	7087209	0.66	cps
Holmium	165-2	3214263	3281777	3431711	3309250	3.36	cps
Indium	115-1	5552151	5420062	5518818	5497010	1.25	cps
Indium	115-2	828320	840213	871434	846656	2.63	cps
Iron	54-2	124599	123972	124807	124459	0.35	cps
Iron	56-2	2340445	2347204	2343615	2343755	0.14	cps
Iron	57-2	56434	56071	55603	56036	0.74	cps
Krypton	83-1	196	195	222	205	7.59	cps
Lead	206-1	753384	760209	776165	763253	1.53	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 11:37:49	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	667018	664053	681079	670717	1.36	cps
Lead	208-1	3129367	3169035	3229950	3176117	1.60	cps
Lithium	6-1	2813412	2852726	2827925	2831354	0.70	cps
Magnesium	24-2	501043	504485	498543	501357	0.60	cps
Manganese	55-2	292230	294301	292650	293060	0.37	cps
Molybdenum	94-1	663844	667346	671590	667593	0.58	cps
Molybdenum	95-1	955093	954884	966196	958724	0.68	cps
Molybdenum	96-1	1041916	1044513	1060016	1048815	0.93	cps
Molybdenum	97-1	593445	605968	610153	603189	1.44	cps
Molybdenum	98-1	1548066	1562762	1592597	1567808	1.45	cps
Neodymium	150-1	60	53	33	49	28.39	cps
Neodymium	150-2	0	13	7	7	99.98	cps
Nickel	60-2	25306	25703	25202	25404	1.04	cps
Phosphorus	31-2	2225	2159	2150	2178	1.89	cps
Potassium	39-2	192182	194052	193882	193372	0.53	cps
Rhodium	103-1	5245358	5289824	5172667	5235950	1.13	cps
Rhodium	103-2	2280458	2311951	2428357	2340255	3.33	cps
Scandium	45-1	3995331	3904260	3950869	3950154	1.15	cps
Scandium	45-2	121320	121778	127648	123582	2.86	cps
Selenium	82-1	3793	3813	3816	3807	0.34	cps
Selenium	77-2	147	100	137	128	19.23	cps
Selenium	78-2	450	471	418	446	5.98	cps
Silicon	28-1	3680023	3728326	3750375	3719574	0.97	cps
Silver	107-1	236267	239999	237037	237768	0.83	cps
Silver	109-1	228514	230287	228030	228944	0.52	cps
Sodium	23-2	917610	920325	920055	919330	0.16	cps
Strontium	86-1	1519542	1536130	1515344	1523672	0.72	cps
Strontium	88-1	12845945	13079517	12817382	12914281	1.11	cps
Sulfur	34-1	467302	472606	464969	468292	0.84	cps
Terbium	159-1	7317847	7322307	7302688	7314281	0.14	cps
Terbium	159-2	3141344	3291804	3315308	3249485	2.90	cps
Thallium	203-1	187896	187510	187601	187669	0.11	cps
Thallium	205-1	449724	445562	459947	451744	1.64	cps
Tin	118-1	147592	146783	148729	147701	0.66	cps
Titanium	47-1	291156	292832	296062	293350	0.85	cps
Uranium	238-1	606471	611197	618360	612009	0.98	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 11:37:49	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	41216	40614	40651	40827	0.83	cps
Ytterbium	172-1	58	67	50	58	14.29	cps
Ytterbium	172-2	39	6	22	22	74.99	cps
Ytterbium	176-1	2375	2584	2650	2536	5.66	cps
Ytterbium	176-2	8447	8520	8436	8468	0.53	cps
Yttrium	89-1	10256836	10373643	10103336	10244605	1.32	cps
Yttrium	89-2	1094062	1095027	1142027	1110372	2.47	cps
Zinc	66-2	91017	90721	89641	90460	0.80	cps
Zirconium	90-1	327569	334657	331518	331248	1.07	cps
Zirconium	91-1	70579	72137	72388	71701	1.37	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 11:40:49	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	93442	92223	93288	92984	0.71	cps
Antimony	121-1	404805	409275	414470	409517	1.18	cps
Arsenic	75-2	12495	12077	11696	12089	3.30	cps
Barium	135-1	529419	536450	550703	538857	2.01	cps
Barium	137-1	930463	944978	953133	942858	1.22	cps
Beryllium	9-1	176728	178635	175756	177040	0.83	cps
Bismuth	209-1	4656054	4774045	4810339	4746813	1.70	cps
Bismuth	209-2	2549506	2496253	2626207	2557322	2.55	cps
Bromine	81-1	36741	38412	37794	37649	2.24	cps
Cadmium	108-1	9733	9958	10058	9916	1.68	cps
Cadmium	106-1	19606	20482	19998	20029	2.19	cps
Cadmium	111-1	118218	115145	117056	116806	1.33	cps
Calcium	43-1	170939	173387	172248	172191	0.71	cps
Calcium	44-1	2738270	2711025	2744334	2731210	0.65	cps
Carbon	12-1	2490895	2535512	2590808	2539072	1.97	cps
Carbon	12-2	32369	31326	31342	31679	1.89	cps
Chlorine	35-1	156329	157390	157820	157180	0.49	cps
Chlorine	35-2	983	958	1025	989	3.41	cps
Chromium	52-2	130374	131838	130774	130995	0.58	cps
Cobalt	59-2	225927	226780	228083	226930	0.48	cps
Copper	63-2	1906898	1919564	1862466	1896310	1.58	cps
Dysprosium	156-1	58	33	58	50	28.87	cps
Dysprosium	156-2	27	13	7	16	65.47	cps
Erbium	164-1	108	67	50	75	40.06	cps
Erbium	164-2	23	30	27	27	12.51	cps
Gadolinium	160-1	50	75	117	81	41.81	cps
Gadolinium	160-2	123	127	107	119	9.01	cps
Holmium	165-1	7092954	6976831	7146060	7071948	1.22	cps
Holmium	165-2	3434962	3399792	3514205	3449653	1.70	cps
Indium	115-1	5487053	5369994	5550289	5469112	1.67	cps
Indium	115-2	880321	874491	886265	880359	0.67	cps
Iron	54-2	308260	313498	308975	310245	0.92	cps
Iron	56-2	5695982	5620103	5700585	5672224	0.80	cps
Iron	57-2	137338	141007	138302	138883	1.37	cps
Krypton	83-1	216	201	182	200	8.46	cps
Lead	206-1	2069061	2057813	2118231	2081701	1.54	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 11:40:49	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1758969	1851957	1838569	1816498	2.77	cps
Lead	208-1	8114746	8340503	8369771	8275007	1.69	cps
Lithium	6-1	2746388	2825108	2774412	2781969	1.43	cps
Magnesium	24-2	1259920	1252596	1265416	1259310	0.51	cps
Manganese	55-2	712698	727539	717754	719330	1.05	cps
Molybdenum	94-1	1669707	1668110	1686036	1674618	0.59	cps
Molybdenum	95-1	2416172	2394149	2466743	2425688	1.53	cps
Molybdenum	96-1	2638956	2726842	2657780	2674526	1.73	cps
Molybdenum	97-1	1487222	1520775	1507181	1505059	1.12	cps
Molybdenum	98-1	3891063	3881316	3871196	3881192	0.26	cps
Neodymium	150-1	160	120	120	133	17.32	cps
Neodymium	150-2	0	0	17	6	173.21	cps
Nickel	60-2	62878	63826	61964	62889	1.48	cps
Phosphorus	31-2	5134	5151	5176	5154	0.41	cps
Potassium	39-2	436033	433693	437553	435759	0.45	cps
Rhodium	103-1	5128406	5196869	5236988	5187421	1.06	cps
Rhodium	103-2	2386455	2371245	2440504	2399401	1.52	cps
Scandium	45-1	3956034	3881257	3921635	3919642	0.95	cps
Scandium	45-2	128085	125137	129504	127575	1.75	cps
Selenium	82-1	9161	9512	9707	9460	2.93	cps
Selenium	77-2	373	313	357	348	8.91	cps
Selenium	78-2	1131	1057	1039	1076	4.53	cps
Silicon	28-1	7928360	8075614	8130856	8044943	1.30	cps
Silver	107-1	578133	583093	592800	584676	1.28	cps
Silver	109-1	544514	557806	567878	556733	2.10	cps
Sodium	23-2	2288156	2299342	2303848	2297115	0.35	cps
Strontium	86-1	3681998	3804685	3748715	3745133	1.64	cps
Strontium	88-1	31777612	33009532	32212478	32333207	1.93	cps
Sulfur	34-1	491298	487225	483025	487183	0.85	cps
Terbium	159-1	7254836	7267819	7249868	7257508	0.13	cps
Terbium	159-2	3393959	3345199	3463796	3400985	1.75	cps
Thallium	203-1	467712	469416	484683	473937	1.97	cps
Thallium	205-1	1129068	1134298	1148880	1137415	0.90	cps
Tin	118-1	370804	371449	374577	372277	0.54	cps
Titanium	47-1	726029	733751	733278	731019	0.59	cps
Uranium	238-1	1518476	1634172	1606207	1586285	3.81	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 11:40:49	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	101487	100422	101835	101248	0.73	cps
Ytterbium	172-1	100	83	67	83	20.00	cps
Ytterbium	172-2	39	44	44	43	7.54	cps
Ytterbium	176-1	3592	3834	3584	3670	3.87	cps
Ytterbium	176-2	9487	9448	9387	9441	0.53	cps
Yttrium	89-1	10338743	10137316	10176048	10217369	1.05	cps
Yttrium	89-2	1164558	1151912	1174053	1163508	0.95	cps
Zinc	66-2	224444	223778	224032	224085	0.15	cps
Zirconium	90-1	815031	817456	825201	819229	0.65	cps
Zirconium	91-1	180206	181100	180113	180473	0.30	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 11:43:50	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	188002	186043	185503	186516	0.70	cps
Antimony	121-1	820978	846783	839911	835890	1.60	cps
Arsenic	75-2	24135	24069	23931	24045	0.43	cps
Barium	135-1	1098485	1121561	1117154	1112400	1.10	cps
Barium	137-1	1945224	1996435	2023197	1988285	1.99	cps
Beryllium	9-1	350007	354355	352920	352427	0.63	cps
Bismuth	209-1	4708903	4900772	4901163	4836946	2.29	cps
Bismuth	209-2	2518287	2562584	2559997	2546956	0.98	cps
Bromine	81-1	37760	38178	36874	37604	1.77	cps
Cadmium	108-1	18734	19435	20394	19521	4.27	cps
Cadmium	106-1	33951	34661	33776	34129	1.37	cps
Cadmium	111-1	230716	231174	234807	232232	0.97	cps
Calcium	43-1	345830	347495	343840	345722	0.53	cps
Calcium	44-1	5521654	5485595	5381647	5462965	1.33	cps
Carbon	12-1	2631813	2757586	2768298	2719232	2.79	cps
Carbon	12-2	35000	33931	34466	34466	1.55	cps
Chlorine	35-1	161223	164932	163245	163133	1.14	cps
Chlorine	35-2	1117	1083	1042	1081	3.48	cps
Chromium	52-2	260163	258975	262001	260380	0.59	cps
Cobalt	59-2	453600	454059	448138	451932	0.73	cps
Copper	63-2	3768136	3714376	3690624	3724379	1.07	cps
Dysprosium	156-1	83	50	125	86	43.64	cps
Dysprosium	156-2	50	47	37	44	15.61	cps
Erbium	164-1	75	42	67	61	28.38	cps
Erbium	164-2	47	27	47	40	28.87	cps
Gadolinium	160-1	92	108	175	125	35.28	cps
Gadolinium	160-2	133	150	147	143	6.15	cps
Holmium	165-1	7174440	7293548	7263903	7243964	0.86	cps
Holmium	165-2	3434796	3376222	3499280	3436766	1.79	cps
Indium	115-1	5364388	5452191	5394408	5403662	0.83	cps
Indium	115-2	864482	863300	859075	862285	0.33	cps
Iron	54-2	619510	616014	622281	619268	0.51	cps
Iron	56-2	11465028	11375228	11586081	11475446	0.92	cps
Iron	57-2	279185	276431	276531	277382	0.56	cps
Krypton	83-1	196	234	195	208	10.57	cps
Lead	206-1	4164324	4273974	4264019	4234106	1.43	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 11:43:50	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	3572915	3735189	3704970	3671024	2.35	cps
Lead	208-1	16480509	17061851	16960946	16834435	1.85	cps
Lithium	6-1	2740357	2775174	2745386	2753639	0.68	cps
Magnesium	24-2	2522152	2476352	2512650	2503718	0.97	cps
Manganese	55-2	1530393	1505311	1463753	1499819	2.24	cps
Molybdenum	94-1	3344735	3404920	3382729	3377461	0.90	cps
Molybdenum	95-1	4846795	4868125	4888682	4867867	0.43	cps
Molybdenum	96-1	5422094	5378969	5203974	5335012	2.17	cps
Molybdenum	97-1	3117567	3052072	3025806	3065148	1.54	cps
Molybdenum	98-1	7664307	7811495	7806378	7760727	1.08	cps
Neodymium	150-1	240	320	213	258	21.53	cps
Neodymium	150-2	27	20	27	24	15.75	cps
Nickel	60-2	125279	125054	123964	124766	0.56	cps
Phosphorus	31-2	9920	9845	10337	10034	2.64	cps
Potassium	39-2	845137	836808	842644	841530	0.51	cps
Rhodium	103-1	5049502	5029494	5129108	5069368	1.04	cps
Rhodium	103-2	2330552	2354547	2396992	2360697	1.43	cps
Scandium	45-1	3932947	3929270	3820248	3894155	1.64	cps
Scandium	45-2	125014	124564	125523	125034	0.38	cps
Selenium	82-1	18782	19294	19315	19130	1.58	cps
Selenium	77-2	613	597	653	621	4.69	cps
Selenium	78-2	2088	2186	2143	2139	2.30	cps
Silicon	28-1	15911513	16145625	16116996	16058045	0.80	cps
Silver	107-1	1158674	1187705	1187603	1177994	1.42	cps
Silver	109-1	1117610	1124128	1135496	1125745	0.80	cps
Sodium	23-2	4524127	4518302	4559741	4534057	0.49	cps
Strontium	86-1	7509909	7485735	7455673	7483772	0.36	cps
Strontium	88-1	64563731	65459916	65408376	65144008	0.77	cps
Sulfur	34-1	544552	546682	540355	543863	0.59	cps
Terbium	159-1	7227492	7520259	7350920	7366224	2.00	cps
Terbium	159-2	3383265	3290873	3333593	3335910	1.39	cps
Thallium	203-1	954582	968379	964705	962555	0.74	cps
Thallium	205-1	2414606	2429685	2441425	2428572	0.55	cps
Tin	118-1	734488	771904	754532	753642	2.48	cps
Titanium	47-1	1486482	1502802	1473394	1487559	0.99	cps
Uranium	238-1	3294130	3312070	3452710	3352970	2.59	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 11:43:50	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	204453	203058	202734	203415	0.45	cps
Ytterbium	172-1	75	75	92	81	11.95	cps
Ytterbium	172-2	50	56	39	48	17.63	cps
Ytterbium	176-1	5310	5776	5843	5643	5.15	cps
Ytterbium	176-2	9993	10321	10438	10250	2.25	cps
Yttrium	89-1	10287280	10375765	10030706	10231250	1.75	cps
Yttrium	89-2	1132783	1141207	1133341	1135777	0.41	cps
Zinc	66-2	445228	443520	443087	443945	0.25	cps
Zirconium	90-1	1715082	1724278	1693902	1711087	0.91	cps
Zirconium	91-1	369255	374675	367927	370619	0.96	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 11:46:48	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	367464	368323	366228	367338	0.29	cps
Antimony	121-1	1706245	1692941	1652537	1683908	1.66	cps
Arsenic	75-2	47623	48265	48243	48044	0.76	cps
Barium	135-1	2246862	2243232	2267254	2252449	0.57	cps
Barium	137-1	3807642	3866018	3847195	3840285	0.78	cps
Beryllium	9-1	682144	685019	684971	684044	0.24	cps
Bismuth	209-1	4570273	4745822	4841591	4719229	2.92	cps
Bismuth	209-2	2464751	2529137	2463848	2485912	1.51	cps
Bromine	81-1	35454	36875	36975	36434	2.33	cps
Cadmium	108-1	37915	40413	40025	39451	3.41	cps
Cadmium	106-1	62016	63346	61027	62130	1.87	cps
Cadmium	111-1	455965	454972	465150	458695	1.22	cps
Calcium	43-1	680647	688105	692218	686990	0.85	cps
Calcium	44-1	10848217	11024115	10787902	10886745	1.13	cps
Carbon	12-1	2758757	2847608	2937581	2847982	3.14	cps
Carbon	12-2	37649	36905	37432	37328	1.02	cps
Chlorine	35-1	160028	164671	162083	162260	1.43	cps
Chlorine	35-2	1133	1058	975	1056	7.50	cps
Chromium	52-2	515917	517249	514450	515872	0.27	cps
Cobalt	59-2	886340	905757	906593	899563	1.27	cps
Copper	63-2	7349259	7346235	7353481	7349658	0.05	cps
Dysprosium	156-1	158	92	208	153	38.31	cps
Dysprosium	156-2	80	57	73	70	17.17	cps
Erbium	164-1	142	100	92	111	24.11	cps
Erbium	164-2	33	70	60	54	34.82	cps
Gadolinium	160-1	192	250	200	214	14.75	cps
Gadolinium	160-2	160	193	120	158	23.27	cps
Holmium	165-1	6874996	7333305	7200251	7136184	3.30	cps
Holmium	165-2	3440466	3506281	3478832	3475193	0.95	cps
Indium	115-1	5265663	5373534	5460915	5366704	1.82	cps
Indium	115-2	838316	852969	842636	844640	0.89	cps
Iron	54-2	1221231	1230225	1233175	1228210	0.51	cps
Iron	56-2	22621566	22763492	22656681	22680580	0.33	cps
Iron	57-2	546093	554563	555098	551918	0.92	cps
Krypton	83-1	186	207	207	200	6.12	cps
Lead	206-1	8153460	8211982	8168523	8177988	0.37	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 11:46:48	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	7119815	7139581	7166794	7142064	0.33	cps
Lead	208-1	32393332	33210689	32865581	32823201	1.25	cps
Lithium	6-1	2700846	2734869	2773306	2736340	1.32	cps
Magnesium	24-2	4802853	4880835	4874886	4852858	0.89	cps
Manganese	55-2	2977624	2986044	2991337	2985002	0.23	cps
Molybdenum	94-1	6551019	6780767	6636231	6656006	1.74	cps
Molybdenum	95-1	9614229	9695023	9776189	9695147	0.84	cps
Molybdenum	96-1	10635512	10640113	10730186	10668604	0.50	cps
Molybdenum	97-1	5978930	6017472	5993432	5996611	0.32	cps
Molybdenum	98-1	15486069	15760123	15499324	15581839	0.99	cps
Neodymium	150-1	580	467	547	531	10.97	cps
Neodymium	150-2	50	33	60	48	28.20	cps
Nickel	60-2	243062	245413	245697	244724	0.59	cps
Phosphorus	31-2	18896	18971	19280	19049	1.07	cps
Potassium	39-2	1688584	1711451	1671013	1690349	1.20	cps
Rhodium	103-1	4909872	5074543	4985113	4989843	1.65	cps
Rhodium	103-2	2266666	2328224	2327068	2307319	1.53	cps
Scandium	45-1	3783814	3931530	3930940	3882095	2.19	cps
Scandium	45-2	123506	124278	122408	123397	0.76	cps
Selenium	82-1	37152	36935	37210	37099	0.39	cps
Selenium	77-2	1173	1133	1250	1186	5.00	cps
Selenium	78-2	4299	4213	4130	4214	2.01	cps
Silicon	28-1	30524627	30376164	31281666	30727486	1.58	cps
Silver	107-1	2345104	2343337	2379339	2355927	0.86	cps
Silver	109-1	2268717	2285641	2327261	2293873	1.31	cps
Sodium	23-2	8830167	8870132	8612331	8770877	1.58	cps
Strontium	86-1	15027751	14963079	14846019	14945616	0.62	cps
Strontium	88-1	127718836	129002032	128692290	128471053	0.52	cps
Sulfur	34-1	654483	650233	648676	651130	0.46	cps
Terbium	159-1	7065805	7459624	7280929	7268786	2.71	cps
Terbium	159-2	3288501	3387864	3389634	3355333	1.73	cps
Thallium	203-1	2014991	2029279	2006393	2016888	0.57	cps
Thallium	205-1	4628194	4717379	4669596	4671723	0.96	cps
Tin	118-1	1513273	1539626	1517906	1523601	0.92	cps
Titanium	47-1	2882750	3014034	2933935	2943573	2.25	cps
Uranium	238-1	6431102	6619164	6656204	6568824	1.84	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 11:46:48	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	407711	407608	407082	407467	0.08	cps
Ytterbium	172-1	133	158	133	142	10.19	cps
Ytterbium	172-2	61	39	50	50	22.22	cps
Ytterbium	176-1	9487	9354	9287	9376	1.09	cps
Ytterbium	176-2	12300	12250	11911	12154	1.74	cps
Yttrium	89-1	10024160	10216163	10281490	10173938	1.31	cps
Yttrium	89-2	1110988	1140905	1125203	1125699	1.33	cps
Zinc	66-2	868921	876513	873234	872889	0.44	cps
Zirconium	90-1	3416036	3425808	3456025	3432623	0.61	cps
Zirconium	91-1	738515	734811	750955	741427	1.14	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 11:49:49	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	726331	719281	719598	721736	0.55	cps
Antimony	121-1	3333072	3403742	3414820	3383878	1.31	cps
Arsenic	75-2	94601	94099	93856	94185	0.40	cps
Barium	135-1	4495101	4451563	4426793	4457819	0.78	cps
Barium	137-1	7674885	7791024	7702332	7722747	0.79	cps
Beryllium	9-1	1314565	1345101	1383998	1347888	2.58	cps
Bismuth	209-1	4813798	4749086	4712479	4758455	1.08	cps
Bismuth	209-2	2492288	2464346	2491677	2482771	0.64	cps
Bromine	81-1	36114	34819	35504	35479	1.83	cps
Cadmium	108-1	75183	77696	76816	76565	1.67	cps
Cadmium	106-1	114288	117582	113197	115022	1.98	cps
Cadmium	111-1	870557	891258	883863	881893	1.19	cps
Calcium	43-1	1411004	1431057	1426687	1422916	0.74	cps
Calcium	44-1	20639778	21069404	21390147	21033109	1.79	cps
Carbon	12-1	3068860	3253720	3389302	3237294	4.97	cps
Carbon	12-2	43866	43624	44551	44014	1.09	cps
Chlorine	35-1	151486	157281	156261	155009	2.00	cps
Chlorine	35-2	825	833	933	864	6.98	cps
Chromium	52-2	1019323	1005046	1012545	1012305	0.71	cps
Cobalt	59-2	1813592	1830532	1826490	1823538	0.49	cps
Copper	63-2	14290191	13949631	14026135	14088652	1.27	cps
Dysprosium	156-1	308	425	333	356	17.28	cps
Dysprosium	156-2	187	150	147	161	13.78	cps
Erbium	164-1	108	108	158	125	23.09	cps
Erbium	164-2	50	40	77	56	34.12	cps
Gadolinium	160-1	300	350	342	331	8.10	cps
Gadolinium	160-2	257	207	237	233	10.79	cps
Holmium	165-1	7407664	7309990	7237621	7318425	1.17	cps
Holmium	165-2	3524715	3497433	3542023	3521391	0.64	cps
Indium	115-1	5464752	5393652	5230473	5362959	2.24	cps
Indium	115-2	850969	843105	847017	847030	0.46	cps
Iron	54-2	2525410	2510811	2518062	2518094	0.29	cps
Iron	56-2	44886636	44283400	43769384	44313140	1.26	cps
Iron	57-2	1079242	1075458	1066733	1073811	0.60	cps
Krypton	83-1	199	224	237	220	8.93	cps
Lead	206-1	15960402	16684022	16484035	16376153	2.28	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 11:49:49	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	14152059	14367245	14306847	14275384	0.78	cps
Lead	208-1	64627220	66055200	65696462	65459628	1.13	cps
Lithium	6-1	2740994	2753503	2791231	2761909	0.95	cps
Magnesium	24-2	9753838	9543478	9650842	9649386	1.09	cps
Manganese	55-2	5798619	5710177	5756957	5755251	0.77	cps
Molybdenum	94-1	12999304	13341870	13443633	13261602	1.76	cps
Molybdenum	95-1	18957509	19521573	19870916	19449999	2.37	cps
Molybdenum	96-1	20782603	21403040	21539252	21241631	1.90	cps
Molybdenum	97-1	11837225	12041891	12149625	12009580	1.32	cps
Molybdenum	98-1	29834727	31092751	31081867	30669782	2.36	cps
Neodymium	150-1	920	1120	1007	1016	9.88	cps
Neodymium	150-2	43	67	87	66	33.09	cps
Nickel	60-2	475313	467594	465344	469417	1.11	cps
Phosphorus	31-2	37674	37432	35711	36939	2.90	cps
Potassium	39-2	3298919	3241263	3258604	3266262	0.91	cps
Rhodium	103-1	5160772	4957060	5004420	5040751	2.11	cps
Rhodium	103-2	2344623	2300586	2343424	2329544	1.08	cps
Scandium	45-1	3967360	3825399	3912092	3901617	1.83	cps
Scandium	45-2	126982	124496	125287	125588	1.01	cps
Selenium	82-1	71580	72343	72975	72299	0.97	cps
Selenium	77-2	2267	2397	2390	2351	3.11	cps
Selenium	78-2	7950	7845	7981	7925	0.90	cps
Silicon	28-1	49134526	48849422	49615919	49199956	0.79	cps
Silver	107-1	4614850	4784690	4626443	4675328	2.03	cps
Silver	109-1	4385708	4575600	4395087	4452131	2.40	cps
Sodium	23-2	17495397	17444851	17292859	17411036	0.61	cps
Strontium	86-1	29554924	29434936	28904181	29298014	1.18	cps
Strontium	88-1	257450822	260577339	252582797	256870320	1.57	cps
Sulfur	34-1	853489	858967	857600	856685	0.33	cps
Terbium	159-1	7550704	7427639	7357702	7445348	1.31	cps
Terbium	159-2	3440164	3451259	3346640	3412688	1.68	cps
Thallium	203-1	3873402	4003896	3984512	3953937	1.78	cps
Thallium	205-1	9140877	9270833	9460987	9290899	1.73	cps
Tin	118-1	3008544	3050055	2998145	3018915	0.91	cps
Titanium	47-1	5749702	5701459	5850258	5767140	1.32	cps
Uranium	238-1	12641086	13063511	13157159	12953919	2.12	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 11:49:49	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	804350	802103	800131	802195	0.26	cps
Ytterbium	172-1	200	192	167	186	9.32	cps
Ytterbium	172-2	78	72	89	80	10.66	cps
Ytterbium	176-1	17220	18029	17696	17648	2.30	cps
Ytterbium	176-2	16516	16371	16677	16522	0.93	cps
Yttrium	89-1	10422178	10185670	10219501	10275783	1.24	cps
Yttrium	89-2	1154379	1135472	1150856	1146902	0.88	cps
Zinc	66-2	1746507	1735624	1769264	1750465	0.98	cps
Zirconium	90-1	6499326	6579891	6810406	6629874	2.44	cps
Zirconium	91-1	1456495	1486332	1531188	1491339	2.52	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 11:52:47	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3577891	3520020	3514049	3537320	1.00	cps
Antimony	121-1	2609	4018	2467	3031	28.29	cps
Arsenic	75-2	38	34	52	41	22.88	cps
Barium	135-1	3059	4893	3067	3673	28.77	cps
Barium	137-1	5193	8672	5160	6342	31.83	cps
Beryllium	9-1	1177	1529	954	1220	23.76	cps
Bismuth	209-1	4360793	4741073	4405942	4502603	4.61	cps
Bismuth	209-2	2251370	2332976	2275780	2286709	1.83	cps
Bromine	81-1	35563	37660	37793	37005	3.38	cps
Cadmium	108-1	125	108	83	106	19.87	cps
Cadmium	106-1	6010	6752	6102	6288	6.43	cps
Cadmium	111-1	2599	3187	2577	2788	12.41	cps
Calcium	43-1	5922661	6118557	6053975	6031731	1.65	cps
Calcium	44-1	97535286	99878078	99958573	99123979	1.39	cps
Carbon	12-1	2722527	2766688	2875272	2788162	2.82	cps
Carbon	12-2	40181	39295	39336	39604	1.26	cps
Chlorine	35-1	169080	178499	178314	175298	3.07	cps
Chlorine	35-2	1075	1208	1108	1131	6.14	cps
Chromium	52-2	5128	5251	5528	5302	3.86	cps
Cobalt	59-2	4331	4364	4334	4343	0.42	cps
Copper	63-2	4611	4591	4701	4634	1.26	cps
Dysprosium	156-1	908	883	1100	964	12.30	cps
Dysprosium	156-2	407	397	390	398	2.11	cps
Erbium	164-1	183	150	133	156	16.37	cps
Erbium	164-2	87	67	103	86	21.46	cps
Gadolinium	160-1	917	833	883	878	4.78	cps
Gadolinium	160-2	557	547	583	562	3.37	cps
Holmium	165-1	7363512	7736338	7281375	7460408	3.25	cps
Holmium	165-2	3442406	3453175	3350694	3415425	1.65	cps
Indium	115-1	5274263	5590436	5331801	5398833	3.12	cps
Indium	115-2	823669	822846	830115	825543	0.48	cps
Iron	54-2	11616857	11635489	11587818	11613388	0.21	cps
Iron	56-2	212840549	207165321	207242121	209082664	1.56	cps
Iron	57-2	5376339	5421203	5271381	5356308	1.44	cps
Krypton	83-1	202	227	227	219	6.58	cps
Lead	206-1	8470	14452	8431	10451	33.16	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 11:52:47	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	6696	12208	7024	8643	35.77	cps
Lead	208-1	32528	58006	32049	40861	36.34	cps
Lithium	6-1	2671632	2857838	2694075	2741182	3.71	cps
Magnesium	24-2	47558398	46487483	45844366	46630082	1.86	cps
Manganese	55-2	3877	3951	3727	3852	2.96	cps
Molybdenum	94-1	7328	11775	4818	7973	44.19	cps
Molybdenum	95-1	7094	16441	6944	10159	53.55	cps
Molybdenum	96-1	11447	21162	9929	14179	42.98	cps
Molybdenum	97-1	4851	9827	4051	6243	50.13	cps
Molybdenum	98-1	14914	24811	10905	16877	42.41	cps
Neodymium	150-1	113	173	140	142	21.14	cps
Neodymium	150-2	50	43	50	48	8.06	cps
Nickel	60-2	2430	2520	2534	2495	2.25	cps
Phosphorus	31-2	333	275	192	267	26.70	cps
Potassium	39-2	16399730	16099331	15884926	16127996	1.60	cps
Rhodium	103-1	4706794	5051591	4697141	4818508	4.19	cps
Rhodium	103-2	2148207	2183738	2189828	2173924	1.03	cps
Scandium	45-1	3812122	4079736	3865608	3919156	3.61	cps
Scandium	45-2	124164	124884	127607	125552	1.45	cps
Selenium	82-1	435	417	376	410	7.36	cps
Selenium	77-2	13	27	20	20	33.35	cps
Selenium	78-2	71	87	73	77	11.32	cps
Silicon	28-1	1176235	1223224	1234486	1211315	2.55	cps
Silver	107-1	792	2860	1133	1595	69.50	cps
Silver	109-1	900	2710	1208	1606	60.28	cps
Sodium	23-2	86345935	82944658	84331935	84540843	2.02	cps
Strontium	86-1	7494	20515	6844	11618	66.38	cps
Strontium	88-1	61813	166755	63206	97258	61.89	cps
Sulfur	34-1	393520	406453	411134	403702	2.26	cps
Terbium	159-1	7461945	7830597	7369560	7554034	3.23	cps
Terbium	159-2	3316986	3289012	3377827	3327942	1.36	cps
Thallium	203-1	1100	2551	917	1523	58.80	cps
Thallium	205-1	2634	6764	2317	3905	63.54	cps
Tin	118-1	2309	4010	2025	2781	38.59	cps
Titanium	47-1	1767	4027	1258	2351	62.69	cps
Uranium	238-1	2892	7803	2667	4454	65.16	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 11:52:47	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	147	290	210	216	33.32	cps
Ytterbium	172-1	125	108	100	111	11.46	cps
Ytterbium	172-2	83	50	44	59	35.49	cps
Ytterbium	176-1	2025	1625	1700	1784	11.92	cps
Ytterbium	176-2	8275	8164	9048	8495	5.67	cps
Yttrium	89-1	10207183	10783848	10040657	10343896	3.77	cps
Yttrium	89-2	1134011	1128567	1140824	1134467	0.54	cps
Zinc	66-2	2974	2874	2930	2926	1.71	cps
Zirconium	90-1	4192	6838	3842	4958	33.04	cps
Zirconium	91-1	842	1384	808	1011	31.93	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	ICV72	Instrumnet Name :	P8
Client Sample ID :	ICV72	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 12:26:24	DataFile Name :	015ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18441	18491	18446	18459	0.15	cps
Antimony	121-1	670377	667723	672164	670088	0.33	cps
Arsenic	75-2	19664	19840	19796	19766	0.46	cps
Barium	135-1	88900	89068	88900	88956	0.11	cps
Barium	137-1	157284	158774	153322	156460	1.80	cps
Beryllium	9-1	140145	143006	143761	142304	1.34	cps
Bismuth	209-1	4829473	4850757	4824333	4834855	0.29	cps
Bismuth	209-2	2588932	2588697	2543991	2573873	1.01	cps
Bromine	81-1	38170	37184	36122	37158	2.76	cps
Cadmium	108-1	6110	6556	6502	6389	3.81	cps
Cadmium	106-1	14408	14758	13874	14347	3.10	cps
Cadmium	111-1	96856	96427	95380	96221	0.79	cps
Calcium	43-1	25060	25720	24902	25227	1.72	cps
Calcium	44-1	420075	424589	421828	422164	0.54	cps
Carbon	12-1	2466866	2490082	2508294	2488414	0.83	cps
Carbon	12-2	31392	30758	30683	30944	1.26	cps
Chlorine	35-1	176904	182894	181408	180402	1.73	cps
Chlorine	35-2	1083	908	1233	1075	15.13	cps
Chromium	52-2	105681	106210	107372	106421	0.81	cps
Cobalt	59-2	184632	187295	183298	185075	1.10	cps
Copper	63-2	144412	144981	142480	143958	0.91	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	3	3	13	7	86.65	cps
Erbium	164-1	75	83	58	72	17.63	cps
Erbium	164-2	23	40	27	30	29.40	cps
Gadolinium	160-1	75	25	50	50	50.00	cps
Gadolinium	160-2	100	123	100	108	12.50	cps
Holmium	165-1	7175652	7348535	7116324	7213504	1.67	cps
Holmium	165-2	3399423	3460212	3345190	3401608	1.69	cps
Indium	115-1	5356656	5459732	5458815	5425068	1.09	cps
Indium	115-2	871147	875347	868798	871764	0.38	cps
Iron	54-2	99160	100882	98173	99405	1.38	cps
Iron	56-2	1852983	1791014	1846007	1830001	1.85	cps
Iron	57-2	43550	44375	43154	43693	1.42	cps
Krypton	83-1	202	222	232	219	6.97	cps
Lead	206-1	687240	704400	699130	696923	1.26	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	ICV72	Instrumnet Name :	P8
Client Sample ID :	ICV72	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 12:26:24	DataFile Name :	015ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	588517	581042	581475	583678	0.72	cps
Lead	208-1	2737483	2739135	2762548	2746389	0.51	cps
Lithium	6-1	2738125	2755382	2775591	2756366	0.68	cps
Magnesium	24-2	109812	109342	108636	109263	0.54	cps
Manganese	55-2	57676	56960	57301	57312	0.62	cps
Molybdenum	94-1	667	475	575	572	16.75	cps
Molybdenum	95-1	758	458	417	544	34.24	cps
Molybdenum	96-1	992	642	642	758	26.65	cps
Molybdenum	97-1	333	275	383	331	16.40	cps
Molybdenum	98-1	1242	892	800	978	23.84	cps
Neodymium	150-1	20	33	40	31	32.73	cps
Neodymium	150-2	3	7	3	4	43.40	cps
Nickel	60-2	54353	54357	54066	54259	0.31	cps
Phosphorus	31-2	200	375	333	303	30.19	cps
Potassium	39-2	152559	153470	153267	153099	0.31	cps
Rhodium	103-1	5216501	5128988	5074714	5140068	1.39	cps
Rhodium	103-2	2442954	2414109	2366257	2407773	1.61	cps
Scandium	45-1	3896401	3850198	3940329	3895643	1.16	cps
Scandium	45-2	127658	125839	123593	125697	1.62	cps
Selenium	82-1	15687	15756	15626	15690	0.41	cps
Selenium	77-2	480	477	530	496	6.03	cps
Selenium	78-2	1738	1794	1735	1756	1.89	cps
Silicon	28-1	806030	798851	801577	802152	0.45	cps
Silver	107-1	224067	228293	226301	226220	0.93	cps
Silver	109-1	217532	221507	216410	218483	1.23	cps
Sodium	23-2	368983	363145	360416	364182	1.20	cps
Strontium	86-1	1033	833	758	875	16.25	cps
Strontium	88-1	5744	3934	3984	4554	22.64	cps
Sulfur	34-1	428777	429668	423475	427307	0.78	cps
Terbium	159-1	7400186	7197755	7145334	7247759	1.86	cps
Terbium	159-2	3406405	3357571	3275818	3346598	1.97	cps
Thallium	203-1	864533	857138	859317	860329	0.44	cps
Thallium	205-1	2147240	2179237	2156142	2160873	0.76	cps
Tin	118-1	2784	2717	2675	2725	2.01	cps
Titanium	47-1	283	267	258	269	4.73	cps
Uranium	238-1	317	200	250	256	22.91	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	ICV72	Instrumnet Name :	P8
Client Sample ID :	ICV72	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 12:26:24	DataFile Name :	015ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	81902	80471	80930	81101	0.90	cps
Ytterbium	172-1	50	58	42	50	16.66	cps
Ytterbium	172-2	28	39	22	30	28.65	cps
Ytterbium	176-1	1700	1692	1542	1645	5.42	cps
Ytterbium	176-2	9025	8686	8864	8859	1.91	cps
Yttrium	89-1	10184963	10027334	10261787	10158028	1.18	cps
Yttrium	89-2	1152315	1123775	1131102	1135731	1.31	cps
Zinc	66-2	37436	37169	37212	37272	0.39	cps
Zirconium	90-1	717	558	508	594	18.30	cps
Zirconium	91-1	242	183	208	211	13.86	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 12:36:33	DataFile Name :	018LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	687	716	716	707	2.35	cps
Antimony	121-1	6035	6060	6085	6060	0.41	cps
Arsenic	75-2	94	95	110	100	8.99	cps
Barium	135-1	7244	7602	7702	7516	3.21	cps
Barium	137-1	13582	13707	13991	13760	1.52	cps
Beryllium	9-1	1440	1580	1527	1516	4.67	cps
Bismuth	209-1	4861839	4751725	4827831	4813798	1.17	cps
Bismuth	209-2	2564097	2568276	2522427	2551600	0.99	cps
Bromine	81-1	35730	35621	36490	35947	1.32	cps
Cadmium	108-1	96	138	96	110	21.92	cps
Cadmium	106-1	6085	6043	5901	6010	1.60	cps
Cadmium	111-1	2950	2881	2832	2888	2.06	cps
Calcium	43-1	5608	5685	5847	5713	2.13	cps
Calcium	44-1	100670	102202	102096	101656	0.84	cps
Carbon	12-1	2139478	2135264	2174130	2149624	0.99	cps
Carbon	12-2	25439	25631	25047	25372	1.17	cps
Chlorine	35-1	132410	130249	131653	131437	0.83	cps
Chlorine	35-2	633	817	675	708	13.57	cps
Chromium	52-2	3257	3187	3010	3151	4.03	cps
Cobalt	59-2	1743	1770	1770	1761	0.87	cps
Copper	63-2	3027	3257	3257	3180	4.18	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	100	42	75	72	40.52	cps
Erbium	164-2	20	13	7	13	49.99	cps
Gadolinium	160-1	58	108	50	72	43.69	cps
Gadolinium	160-2	113	90	160	121	29.43	cps
Holmium	165-1	7188530	7063092	7320391	7190671	1.79	cps
Holmium	165-2	3363532	3423639	3384054	3390408	0.90	cps
Indium	115-1	5535652	5548946	5476452	5520350	0.70	cps
Indium	115-2	869630	850819	847452	855967	1.40	cps
Iron	54-2	2589	3162	2850	2867	9.99	cps
Iron	56-2	43750	44520	44781	44350	1.21	cps
Iron	57-2	1239	1195	1272	1235	3.16	cps
Krypton	83-1	191	209	201	200	4.38	cps
Lead	206-1	3128	3262	3184	3191	2.10	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 12:36:33	DataFile Name :	018LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	2784	3195	2934	2971	7.00	cps
Lead	208-1	12769	13642	13220	13210	3.30	cps
Lithium	6-1	2860186	2758835	2752439	2790487	2.17	cps
Magnesium	24-2	42789	42864	43198	42950	0.51	cps
Manganese	55-2	547	637	657	613	9.55	cps
Molybdenum	94-1	6635	7060	7452	7049	5.80	cps
Molybdenum	95-1	8269	8961	9012	8747	4.74	cps
Molybdenum	96-1	9295	9170	9428	9298	1.39	cps
Molybdenum	97-1	5109	5493	5218	5273	3.75	cps
Molybdenum	98-1	13323	14274	14049	13882	3.58	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	583	797	670	683	15.70	cps
Phosphorus	31-2	342	383	292	339	13.54	cps
Potassium	39-2	55047	55993	54922	55321	1.06	cps
Rhodium	103-1	5128286	5035741	5127944	5097324	1.05	cps
Rhodium	103-2	2396432	2356403	2345813	2366216	1.13	cps
Scandium	45-1	3869230	3839714	3886225	3865056	0.61	cps
Scandium	45-2	121805	124040	123048	122964	0.91	cps
Selenium	82-1	342	315	389	349	10.69	cps
Selenium	77-2	7	7	7	7	0.00	cps
Selenium	78-2	68	60	68	65	7.07	cps
Silicon	28-1	827503	806973	832557	822344	1.65	cps
Silver	107-1	4468	3851	4284	4201	7.54	cps
Silver	109-1	4284	4376	4034	4231	4.18	cps
Sodium	23-2	98397	98264	94388	97016	2.35	cps
Strontium	86-1	1492	1533	1392	1472	4.95	cps
Strontium	88-1	10729	10137	10438	10435	2.84	cps
Sulfur	34-1	430280	429998	426864	429047	0.44	cps
Terbium	159-1	7393350	7136504	7297321	7275725	1.78	cps
Terbium	159-2	3313410	3355290	3357973	3342224	0.75	cps
Thallium	203-1	3442	3284	3734	3487	6.55	cps
Thallium	205-1	8461	9095	8937	8831	3.73	cps
Tin	118-1	13399	13991	14375	13921	3.53	cps
Titanium	47-1	2267	2700	2659	2542	9.41	cps
Uranium	238-1	10938	11506	11314	11253	2.56	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 12:36:33	DataFile Name :	018LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	3484	3867	3404	3585	6.91	cps
Ytterbium	172-1	25	42	67	44	47.19	cps
Ytterbium	172-2	28	17	50	31	53.90	cps
Ytterbium	176-1	1742	1542	1708	1664	6.44	cps
Ytterbium	176-2	8075	8419	8369	8288	2.25	cps
Yttrium	89-1	10259287	9885150	9944623	10029687	2.00	cps
Yttrium	89-2	1117331	1109234	1112609	1113058	0.37	cps
Zinc	66-2	470	497	413	460	9.25	cps
Zirconium	90-1	5918	5801	5710	5810	1.80	cps
Zirconium	91-1	1325	1192	1250	1256	5.32	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	ICB72	Instrumnet Name :	P8
Client Sample ID :	ICB72	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 12:39:37	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	36	40	34	23.13	cps
Antimony	121-1	133	92	108	111	18.88	cps
Arsenic	75-2	1	6	3	3	75.50	cps
Barium	135-1	17	25	8	17	50.01	cps
Barium	137-1	58	17	67	47	56.72	cps
Beryllium	9-1	132	157	125	138	12.30	cps
Bismuth	209-1	4881051	5954852	4931613	5255839	11.53	cps
Bismuth	209-2	2532724	2534254	2567477	2544818	0.77	cps
Bromine	81-1	37025	34677	35179	35627	3.47	cps
Cadmium	108-1	4	13	17	11	57.27	cps
Cadmium	106-1	5843	7244	6060	6382	11.81	cps
Cadmium	111-1	2059	2535	2122	2238	11.55	cps
Calcium	43-1	150	120	122	131	12.72	cps
Calcium	44-1	11797	12014	11746	11852	1.20	cps
Carbon	12-1	2163588	2191212	2201128	2185309	0.89	cps
Carbon	12-2	25973	25348	25247	25523	1.54	cps
Chlorine	35-1	124970	121978	122424	123124	1.31	cps
Chlorine	35-2	650	658	692	667	3.31	cps
Chromium	52-2	1220	1220	1233	1225	0.63	cps
Cobalt	59-2	87	67	77	77	13.04	cps
Copper	63-2	543	563	577	561	2.99	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-1	83	108	25	72	59.21	cps
Erbium	164-2	23	27	17	22	22.91	cps
Gadolinium	160-1	100	92	50	81	33.25	cps
Gadolinium	160-2	150	123	130	134	10.32	cps
Holmium	165-1	7037931	8502556	7288574	7609687	10.29	cps
Holmium	165-2	3397391	3371549	3340369	3369769	0.85	cps
Indium	115-1	5196167	6414434	5537532	5716044	10.99	cps
Indium	115-2	849948	845970	862788	852902	1.03	cps
Iron	54-2	694	572	639	635	9.63	cps
Iron	56-2	4706	4479	4373	4519	3.77	cps
Iron	57-2	189	167	156	170	9.96	cps
Krypton	83-1	204	207	199	203	2.16	cps
Lead	206-1	456	494	411	454	9.19	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	ICB72	Instrumnet Name :	P8
Client Sample ID :	ICB72	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 12:39:37	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	439	450	378	422	9.21	cps
Lead	208-1	2100	1950	1833	1961	6.82	cps
Lithium	6-1	2760515	3237386	2742496	2913466	9.63	cps
Magnesium	24-2	358	350	467	392	16.62	cps
Manganese	55-2	67	73	83	74	11.26	cps
Molybdenum	94-1	167	208	142	172	19.56	cps
Molybdenum	95-1	108	217	158	161	33.65	cps
Molybdenum	96-1	133	150	192	158	18.98	cps
Molybdenum	97-1	108	58	83	83	30.00	cps
Molybdenum	98-1	258	250	258	256	1.88	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	200	183	227	203	10.75	cps
Phosphorus	31-2	133	258	300	231	37.62	cps
Potassium	39-2	26775	28571	27151	27499	3.44	cps
Rhodium	103-1	5043135	6190780	5194353	5476089	11.39	cps
Rhodium	103-2	2377546	2376191	2410224	2387987	0.81	cps
Scandium	45-1	3805877	4731761	3929775	4155804	12.09	cps
Scandium	45-2	124355	124386	122278	123673	0.98	cps
Selenium	82-1	-6	0	15	3	374.44	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	24	42	30	32	28.64	cps
Silicon	28-1	785702	790624	780743	785690	0.63	cps
Silver	107-1	183	233	250	222	15.61	cps
Silver	109-1	142	117	150	136	12.75	cps
Sodium	23-2	19772	19305	19297	19458	1.40	cps
Strontium	86-1	508	433	500	481	8.55	cps
Strontium	88-1	733	550	417	567	28.06	cps
Sulfur	34-1	431372	425016	425302	427230	0.84	cps
Terbium	159-1	7088271	8937348	7204555	7743391	13.37	cps
Terbium	159-2	3381659	3318519	3280599	3326926	1.53	cps
Thallium	203-1	158	208	200	189	14.18	cps
Thallium	205-1	500	525	433	486	9.75	cps
Tin	118-1	533	308	500	447	27.15	cps
Titanium	47-1	142	83	158	128	30.82	cps
Uranium	238-1	42	33	42	39	12.38	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	ICB72	Instrumnet Name :	P8
Client Sample ID :	ICB72	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 12:39:37	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	7	10	20	12	56.76	cps
Ytterbium	172-1	58	83	25	56	52.68	cps
Ytterbium	172-2	28	11	17	19	45.83	cps
Ytterbium	176-1	1508	2142	1809	1820	17.41	cps
Ytterbium	176-2	8219	8314	8697	8410	3.01	cps
Yttrium	89-1	10178943	12128326	10067399	10791556	10.74	cps
Yttrium	89-2	1125499	1118852	1110940	1118430	0.65	cps
Zinc	66-2	110	97	77	94	17.76	cps
Zirconium	90-1	392	442	408	414	6.15	cps
Zirconium	91-1	83	67	92	81	15.80	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	ICSA72	Instrumnet Name :	P8
Client Sample ID :	ICSA72	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 12:42:39	DataFile Name :	020ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3196225	3185519	3225355	3202366	0.64	cps
Antimony	121-1	3542	3459	3351	3451	2.79	cps
Arsenic	75-2	39	34	48	40	17.60	cps
Barium	135-1	1367	1150	1275	1264	8.61	cps
Barium	137-1	2142	2417	2034	2197	8.99	cps
Beryllium	9-1	485	485	472	481	1.50	cps
Bismuth	209-1	4614522	4719339	4689553	4674471	1.16	cps
Bismuth	209-2	2399560	2433586	2389558	2407568	0.96	cps
Bromine	81-1	37568	35972	38220	37253	3.10	cps
Cadmium	108-1	1250	1208	1258	1239	2.16	cps
Cadmium	106-1	5835	5801	5476	5704	3.47	cps
Cadmium	111-1	2630	2539	2457	2542	3.40	cps
Calcium	43-1	1149999	1164537	1159524	1158020	0.64	cps
Calcium	44-1	18900711	19091882	19133315	19041969	0.65	cps
Carbon	12-1	11895178	12179236	12027670	12034028	1.18	cps
Carbon	12-2	144834	145129	146095	145353	0.45	cps
Chlorine	35-1	4511374	5451334	6204060	5388923	15.74	cps
Chlorine	35-2	55223	59272	62586	59027	6.25	cps
Chromium	52-2	19083	19417	19073	19191	1.02	cps
Cobalt	59-2	1980	2040	2114	2045	3.27	cps
Copper	63-2	9974	9803	10077	9951	1.39	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	13	7	7	9	43.25	cps
Erbium	164-1	75	58	33	56	37.75	cps
Erbium	164-2	43	33	40	39	13.09	cps
Gadolinium	160-1	75	58	83	72	17.63	cps
Gadolinium	160-2	117	117	110	114	3.36	cps
Holmium	165-1	7180843	7344104	7390535	7305161	1.51	cps
Holmium	165-2	3399977	3463685	3322950	3395537	2.08	cps
Indium	115-1	5224945	5389580	5259911	5291479	1.64	cps
Indium	115-2	822928	851253	814800	829660	2.31	cps
Iron	54-2	4522632	4442770	4483910	4483104	0.89	cps
Iron	56-2	78565010	79728180	79471568	79254919	0.77	cps
Iron	57-2	2061413	2040479	2031777	2044557	0.75	cps
Krypton	83-1	167	200	176	181	9.28	cps
Lead	206-1	14959	15893	16071	15641	3.82	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	ICSA72	Instrumnet Name :	P8
Client Sample ID :	ICSA72	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 12:42:39	DataFile Name :	020ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	11578	12384	12923	12295	5.51	cps
Lead	208-1	55218	59092	61051	58454	5.08	cps
Lithium	6-1	2736069	2820538	2693469	2750026	2.35	cps
Magnesium	24-2	8152075	8212096	8223730	8195967	0.47	cps
Manganese	55-2	3927	4174	4174	4092	3.48	cps
Molybdenum	94-1	1977057	1943463	1951042	1957187	0.90	cps
Molybdenum	95-1	3443529	3470144	3396341	3436671	1.09	cps
Molybdenum	96-1	3629180	3710149	3655019	3664783	1.13	cps
Molybdenum	97-1	2145294	2161128	2128124	2144849	0.77	cps
Molybdenum	98-1	5387388	5475350	5435796	5432845	0.81	cps
Neodymium	150-1	20	13	20	18	21.66	cps
Neodymium	150-2	7	20	3	10	88.20	cps
Nickel	60-2	2590	2717	2680	2662	2.45	cps
Phosphorus	31-2	171228	172703	169584	171172	0.91	cps
Potassium	39-2	5731349	5816549	5871906	5806601	1.22	cps
Rhodium	103-1	4853048	4960603	4937326	4916992	1.15	cps
Rhodium	103-2	2227221	2274875	2246800	2249632	1.06	cps
Scandium	45-1	3780362	3838732	3782537	3800544	0.87	cps
Scandium	45-2	118443	122656	118568	119889	2.00	cps
Selenium	82-1	36	16	69	40	65.55	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	31	34	28	31	9.68	cps
Silicon	28-1	890102	904254	946934	913763	3.24	cps
Silver	107-1	200	92	192	161	37.42	cps
Silver	109-1	75	100	108	94	18.37	cps
Sodium	23-2	15684948	15866611	15723237	15758265	0.61	cps
Strontium	86-1	37610	38403	38019	38011	1.04	cps
Strontium	88-1	329260	328568	331301	329709	0.43	cps
Sulfur	34-1	2123052	2094756	2119620	2112476	0.73	cps
Terbium	159-1	7264863	7431211	7486043	7394039	1.56	cps
Terbium	159-2	3358557	3338173	3274960	3323897	1.31	cps
Thallium	203-1	692	608	500	600	16.02	cps
Thallium	205-1	1575	1600	1317	1497	10.48	cps
Tin	118-1	925	992	1033	983	5.56	cps
Titanium	47-1	1108351	1110986	1123603	1114313	0.73	cps
Uranium	238-1	242	192	250	228	13.85	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	ICSA72	Instrumnet Name :	P8
Client Sample ID :	ICSA72	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 12:42:39	DataFile Name :	020ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	120	170	130	140	18.90	cps
Ytterbium	172-1	75	58	25	53	48.24	cps
Ytterbium	172-2	28	39	22	30	28.65	cps
Ytterbium	176-1	1542	1709	1517	1589	6.56	cps
Ytterbium	176-2	8464	9153	8453	8690	4.62	cps
Yttrium	89-1	10018157	9975033	9959556	9984249	0.30	cps
Yttrium	89-2	1110454	1114287	1082507	1102416	1.57	cps
Zinc	66-2	1780	1763	1653	1732	3.97	cps
Zirconium	90-1	500	692	433	542	24.76	cps
Zirconium	91-1	92	83	83	86	5.58	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	ICSAB72	Instrumnet Name :	P8
Client Sample ID :	ICSAB72	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 12:45:34	DataFile Name :	021ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3381053	3258130	3288766	3309316	1.93	cps
Antimony	121-1	68271	69603	69787	69220	1.20	cps
Arsenic	75-2	1948	1856	1824	1876	3.43	cps
Barium	135-1	17854	18588	18455	18299	2.14	cps
Barium	137-1	31704	32673	33007	32462	2.08	cps
Beryllium	9-1	26714	27120	27071	26969	0.82	cps
Bismuth	209-1	4640770	4690961	4678921	4670217	0.56	cps
Bismuth	209-2	2478470	2453247	2431557	2454425	0.96	cps
Bromine	81-1	39707	37301	38212	38407	3.16	cps
Cadmium	108-1	2971	3063	3167	3067	3.20	cps
Cadmium	106-1	8486	9128	8753	8789	3.67	cps
Cadmium	111-1	19511	20690	20131	20111	2.93	cps
Calcium	43-1	1179580	1202472	1203555	1195202	1.13	cps
Calcium	44-1	19409861	19417166	19717164	19514730	0.90	cps
Carbon	12-1	12106182	12565232	12618316	12429910	2.27	cps
Carbon	12-2	151399	152174	150388	151320	0.59	cps
Chlorine	35-1	7272469	8712912	9513072	8499484	13.36	cps
Chlorine	35-2	80717	82846	86189	83250	3.31	cps
Chromium	52-2	40149	39441	39595	39728	0.94	cps
Cobalt	59-2	36079	35648	35594	35774	0.74	cps
Copper	63-2	36022	36547	36380	36316	0.74	cps
Dysprosium	156-1	33	50	8	31	68.64	cps
Dysprosium	156-2	7	13	17	12	41.65	cps
Erbium	164-1	67	42	25	44	47.19	cps
Erbium	164-2	27	27	10	21	45.58	cps
Gadolinium	160-1	125	117	92	111	15.61	cps
Gadolinium	160-2	133	73	117	108	28.74	cps
Holmium	165-1	7113050	7348083	7222698	7227944	1.63	cps
Holmium	165-2	3432524	3376684	3403061	3404090	0.82	cps
Indium	115-1	5405554	5424500	5425985	5418680	0.21	cps
Indium	115-2	852004	836638	830498	839713	1.32	cps
Iron	54-2	4572176	4625497	4636607	4611426	0.75	cps
Iron	56-2	81065841	82234174	81982491	81760835	0.75	cps
Iron	57-2	2149795	2103516	2155029	2136113	1.33	cps
Krypton	83-1	230	217	221	223	2.88	cps
Lead	206-1	76139	76000	78374	76838	1.73	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	ICSAB72	Instrumnet Name :	P8
Client Sample ID :	ICSAB72	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 12:45:34	DataFile Name :	021ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	64716	66056	64248	65007	1.44	cps
Lead	208-1	298111	299998	301446	299852	0.56	cps
Lithium	6-1	2745929	2781340	2847947	2791739	1.86	cps
Magnesium	24-2	8709730	8639669	8381978	8577126	2.01	cps
Manganese	55-2	14291	14751	14878	14640	2.11	cps
Molybdenum	94-1	2247294	2220212	2236254	2234586	0.61	cps
Molybdenum	95-1	3632055	3716733	3722387	3690392	1.37	cps
Molybdenum	96-1	3928317	4062553	3981454	3990775	1.69	cps
Molybdenum	97-1	2273232	2325523	2266750	2288502	1.41	cps
Molybdenum	98-1	5723820	5726013	5786571	5745468	0.62	cps
Neodymium	150-1	27	40	27	31	24.74	cps
Neodymium	150-2	3	0	10	4	114.60	cps
Nickel	60-2	11878	11425	11488	11597	2.12	cps
Phosphorus	31-2	180774	171067	173725	175189	2.86	cps
Potassium	39-2	6096500	6058526	6068048	6074358	0.33	cps
Rhodium	103-1	4919902	4992114	4899106	4937041	0.99	cps
Rhodium	103-2	2311700	2280764	2232343	2274936	1.76	cps
Scandium	45-1	3791954	3827111	3851251	3823439	0.78	cps
Scandium	45-2	122840	120315	120967	121374	1.08	cps
Selenium	82-1	1415	1430	1372	1406	2.12	cps
Selenium	77-2	40	53	53	49	15.74	cps
Selenium	78-2	200	181	198	193	5.41	cps
Silicon	28-1	1067543	1072634	1072784	1070987	0.28	cps
Silver	107-1	84165	86052	88014	86077	2.24	cps
Silver	109-1	81952	83075	83077	82701	0.78	cps
Sodium	23-2	16626821	16341012	16261379	16409738	1.17	cps
Strontium	86-1	103969	106026	105353	105116	1.00	cps
Strontium	88-1	887536	915048	918395	906993	1.87	cps
Sulfur	34-1	2094715	2128023	2156228	2126322	1.45	cps
Terbium	159-1	7321691	7691158	7348399	7453749	2.76	cps
Terbium	159-2	3408193	3294650	3332698	3345181	1.73	cps
Thallium	203-1	75537	77164	77087	76596	1.20	cps
Thallium	205-1	183943	183886	182727	183519	0.37	cps
Tin	118-1	157499	160904	162285	160229	1.54	cps
Titanium	47-1	1154045	1190755	1198045	1180949	2.00	cps
Uranium	238-1	647288	687159	681937	672128	3.22	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	ICSAB72	Instrumnet Name :	P8
Client Sample ID :	ICSAB72	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 12:45:34	DataFile Name :	021ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	15452	15609	15385	15482	0.74	cps
Ytterbium	172-1	50	42	33	42	20.00	cps
Ytterbium	172-2	33	33	22	30	21.65	cps
Ytterbium	176-1	2350	2159	2159	2222	4.98	cps
Ytterbium	176-2	9109	8592	8987	8896	3.04	cps
Yttrium	89-1	10184634	10256162	10170473	10203756	0.45	cps
Yttrium	89-2	1135756	1116286	1119962	1124001	0.92	cps
Zinc	66-2	5034	4781	4898	4904	2.59	cps
Zirconium	90-1	340033	346091	347649	344591	1.17	cps
Zirconium	91-1	76753	77299	77675	77242	0.60	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P8
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 12:51:16	DataFile Name :	023CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1830543	1821694	1822689	1824975	0.27	cps
Antimony	121-1	1719186	1732308	1767813	1739769	1.45	cps
Arsenic	75-2	47270	47557	46825	47217	0.78	cps
Barium	135-1	2298012	2389782	2387274	2358356	2.22	cps
Barium	137-1	4084075	4027343	4127809	4079742	1.23	cps
Beryllium	9-1	658872	675363	675701	669978	1.44	cps
Bismuth	209-1	4484452	4680719	4545920	4570364	2.20	cps
Bismuth	209-2	2421070	2409086	2423476	2417877	0.32	cps
Bromine	81-1	37401	38721	38646	38256	1.94	cps
Cadmium	108-1	38675	38825	38846	38782	0.24	cps
Cadmium	106-1	60190	62066	62651	61636	2.09	cps
Cadmium	111-1	441141	449147	446447	445579	0.91	cps
Calcium	43-1	3254790	3268463	3211437	3244897	0.92	cps
Calcium	44-1	51290336	51891109	51858687	51680044	0.65	cps
Carbon	12-1	2857458	3044140	3107872	3003157	4.33	cps
Carbon	12-2	40247	40916	41016	40726	1.03	cps
Chlorine	35-1	1585593	1559965	1503109	1549556	2.72	cps
Chlorine	35-2	9553	9945	9870	9790	2.12	cps
Chromium	52-2	515662	517074	512539	515092	0.45	cps
Cobalt	59-2	883585	891503	881740	885609	0.59	cps
Copper	63-2	7334333	7296941	7190064	7273779	1.03	cps
Dysprosium	156-1	567	608	600	592	3.73	cps
Dysprosium	156-2	267	280	273	273	2.44	cps
Erbium	164-1	92	117	92	100	14.43	cps
Erbium	164-2	63	77	50	63	21.06	cps
Gadolinium	160-1	417	500	575	497	15.93	cps
Gadolinium	160-2	370	370	337	359	5.36	cps
Holmium	165-1	7186324	7206003	7444563	7278963	1.97	cps
Holmium	165-2	3473309	3443699	3481399	3466136	0.57	cps
Indium	115-1	5220475	5284988	5415032	5306832	1.87	cps
Indium	115-2	848027	838426	841429	842627	0.58	cps
Iron	54-2	5990787	6121329	6042860	6051659	1.09	cps
Iron	56-2	106882030	110024914	107230944	108045963	1.59	cps
Iron	57-2	2774752	2805946	2801345	2794014	0.60	cps
Krypton	83-1	256	240	226	241	6.24	cps
Lead	206-1	8191594	8533721	8460892	8395402	2.15	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P8
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 12:51:16	DataFile Name :	023CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	7206916	7379839	7317829	7301528	1.20	cps
Lead	208-1	32742678	33789378	33551730	33361262	1.64	cps
Lithium	6-1	2742642	2782675	2790887	2772068	0.93	cps
Magnesium	24-2	23657559	23761998	23615750	23678436	0.32	cps
Manganese	55-2	2963958	3005682	2957275	2975638	0.88	cps
Molybdenum	94-1	6929907	7050658	6997276	6992614	0.87	cps
Molybdenum	95-1	10000625	10345135	10229895	10191885	1.72	cps
Molybdenum	96-1	11267257	11368768	10880606	11172210	2.31	cps
Molybdenum	97-1	6316620	6291266	6292099	6299995	0.23	cps
Molybdenum	98-1	16085655	16375563	16440817	16300678	1.16	cps
Neodymium	150-1	687	533	560	593	13.81	cps
Neodymium	150-2	53	53	67	58	13.33	cps
Nickel	60-2	237355	236856	236701	236971	0.14	cps
Phosphorus	31-2	18771	19263	18879	18971	1.36	cps
Potassium	39-2	8128742	8069298	8067425	8088488	0.43	cps
Rhodium	103-1	4820186	4896111	4915041	4877113	1.03	cps
Rhodium	103-2	2310700	2288142	2233480	2277441	1.74	cps
Scandium	45-1	3847925	3848458	3955697	3884027	1.60	cps
Scandium	45-2	127987	126242	126860	127030	0.70	cps
Selenium	82-1	35368	36056	36184	35869	1.22	cps
Selenium	77-2	1207	1130	1223	1187	4.19	cps
Selenium	78-2	3882	3972	3903	3919	1.20	cps
Silicon	28-1	32065088	32621039	32436038	32374055	0.87	cps
Silver	107-1	2315513	2402542	2346397	2354818	1.87	cps
Silver	109-1	2215467	2263304	2237372	2238714	1.07	cps
Sodium	23-2	42531488	42589261	42967459	42696070	0.55	cps
Strontium	86-1	15394618	15506477	15384510	15428535	0.44	cps
Strontium	88-1	130672732	134290486	133298265	132753828	1.41	cps
Sulfur	34-1	645044	649309	645277	646543	0.37	cps
Terbium	159-1	7294166	7478990	7380694	7384616	1.25	cps
Terbium	159-2	3374835	3360655	3389287	3374926	0.42	cps
Thallium	203-1	2077886	2081733	2056096	2071905	0.67	cps
Thallium	205-1	4682050	4868468	4819631	4790050	2.02	cps
Tin	118-1	1515958	1611502	1576012	1567824	3.08	cps
Titanium	47-1	3021100	3056901	3041049	3039684	0.59	cps
Uranium	238-1	6775425	6896983	6856632	6843013	0.90	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P8
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 12:51:16	DataFile Name :	023CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	411410	418310	412352	414024	0.90	cps
Ytterbium	172-1	142	208	142	164	23.49	cps
Ytterbium	172-2	94	72	78	81	14.20	cps
Ytterbium	176-1	9887	10121	10463	10157	2.85	cps
Ytterbium	176-2	13362	12679	13251	13097	2.80	cps
Yttrium	89-1	9952303	10320717	10105293	10126104	1.83	cps
Yttrium	89-2	1149782	1129359	1137536	1138892	0.90	cps
Zinc	66-2	851008	846049	838245	845101	0.76	cps
Zirconium	90-1	3522670	3620260	3536480	3559803	1.48	cps
Zirconium	91-1	762035	777512	766720	768756	1.03	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	CCB13	Instrumnet Name :	P8
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 12:57:12	DataFile Name :	025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	105	149	287	180	52.81	cps
Antimony	121-1	417	400	458	425	7.07	cps
Arsenic	75-2	3	7	15	8	73.32	cps
Barium	135-1	250	150	233	211	25.38	cps
Barium	137-1	283	283	417	328	23.49	cps
Beryllium	9-1	465	477	451	465	2.83	cps
Bismuth	209-1	4671553	4804319	4835747	4770540	1.83	cps
Bismuth	209-2	2507910	2576699	2593053	2559221	1.77	cps
Bromine	81-1	38955	38128	37150	38078	2.37	cps
Cadmium	108-1	33	13	42	29	51.51	cps
Cadmium	106-1	5360	5476	5801	5546	4.13	cps
Cadmium	111-1	1928	2000	2060	1996	3.31	cps
Calcium	43-1	507	445	385	446	13.74	cps
Calcium	44-1	17090	16959	15661	16570	4.77	cps
Carbon	12-1	2158276	2141967	2150882	2150375	0.38	cps
Carbon	12-2	25765	26332	24229	25442	4.28	cps
Chlorine	35-1	831305	817046	798713	815688	2.00	cps
Chlorine	35-2	5351	5226	5084	5221	2.56	cps
Chromium	52-2	1253	1140	1267	1220	5.71	cps
Cobalt	59-2	103	117	183	134	31.88	cps
Copper	63-2	1327	1323	1550	1400	9.28	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	42	67	25	44	47.19	cps
Erbium	164-2	10	30	13	18	60.28	cps
Gadolinium	160-1	58	83	50	64	27.15	cps
Gadolinium	160-2	147	140	120	136	10.24	cps
Holmium	165-1	7033608	7128587	7105453	7089216	0.70	cps
Holmium	165-2	3321362	3441242	3354185	3372263	1.84	cps
Indium	115-1	5325078	5454630	5525460	5435056	1.87	cps
Indium	115-2	832022	866425	869386	855944	2.43	cps
Iron	54-2	1022	972	1272	1089	14.76	cps
Iron	56-2	9576	12285	19383	13748	36.84	cps
Iron	57-2	256	378	517	383	34.08	cps
Krypton	83-1	211	220	232	221	4.83	cps
Lead	206-1	1383	1572	1245	1400	11.75	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	CCB13	Instrumnet Name :	P8
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 12:57:12	DataFile Name :	025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1161	1367	1239	1256	8.27	cps
Lead	208-1	5806	6518	5028	5784	12.88	cps
Lithium	6-1	2658173	2711592	2770176	2713314	2.06	cps
Magnesium	24-2	1133	1500	2567	1734	42.96	cps
Manganese	55-2	207	243	347	266	27.34	cps
Molybdenum	94-1	683	767	658	703	8.07	cps
Molybdenum	95-1	1067	1100	967	1045	6.64	cps
Molybdenum	96-1	1208	1508	1158	1292	14.66	cps
Molybdenum	97-1	942	625	458	675	36.37	cps
Molybdenum	98-1	1867	1809	1483	1720	12.01	cps
Neodymium	150-1	13	7	13	11	34.61	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	237	213	220	223	5.38	cps
Phosphorus	31-2	242	192	242	225	12.83	cps
Potassium	39-2	28621	28562	28362	28515	0.48	cps
Rhodium	103-1	4975511	4978267	5075604	5009794	1.14	cps
Rhodium	103-2	2388240	2435900	2349314	2391152	1.81	cps
Scandium	45-1	3753457	3831223	3807140	3797273	1.05	cps
Scandium	45-2	118118	122618	122493	121076	2.12	cps
Selenium	82-1	-6	35	-13	5	476.68	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	25	26	27	26	3.85	cps
Silicon	28-1	788418	782991	778280	783230	0.65	cps
Silver	107-1	108	158	158	142	20.38	cps
Silver	109-1	83	42	83	69	34.64	cps
Sodium	23-2	28846	29681	30215	29581	2.33	cps
Strontium	86-1	1525	1592	1317	1478	9.71	cps
Strontium	88-1	11642	13620	8153	11138	24.85	cps
Sulfur	34-1	417230	418749	415661	417214	0.37	cps
Terbium	159-1	7141653	7289288	7240566	7223836	1.04	cps
Terbium	159-2	3273683	3398083	3278847	3316871	2.12	cps
Thallium	203-1	725	800	608	711	13.58	cps
Thallium	205-1	1959	1984	1867	1936	3.17	cps
Tin	118-1	517	708	542	589	17.69	cps
Titanium	47-1	475	425	292	397	23.86	cps
Uranium	238-1	683	658	392	578	27.98	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	CCB13	Instrumnet Name :	P8
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 12:57:12	DataFile Name :	025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	20	47	47	38	40.76	cps
Ytterbium	172-1	25	58	50	44	39.03	cps
Ytterbium	172-2	33	22	28	28	20.00	cps
Ytterbium	176-1	1633	1742	1542	1639	6.11	cps
Ytterbium	176-2	8514	8786	8814	8705	1.91	cps
Yttrium	89-1	9927600	9867716	10166739	9987352	1.58	cps
Yttrium	89-2	1102353	1128055	1127938	1119448	1.32	cps
Zinc	66-2	87	150	177	138	33.55	cps
Zirconium	90-1	633	667	700	667	5.00	cps
Zirconium	91-1	150	167	75	131	37.40	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P8
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 13:01:24	DataFile Name :	026LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	840	750	819	803	5.86	cps
Antimony	121-1	6010	6552	6827	6463	6.43	cps
Arsenic	75-2	93	104	95	97	6.02	cps
Barium	135-1	7969	7903	7777	7883	1.23	cps
Barium	137-1	14191	13390	13974	13852	2.99	cps
Beryllium	9-1	1595	1577	1581	1584	0.58	cps
Bismuth	209-1	4919144	4907867	4812470	4879827	1.20	cps
Bismuth	209-2	2469147	2556919	2612232	2546099	2.83	cps
Bromine	81-1	38028	38187	38537	38251	0.68	cps
Cadmium	108-1	117	121	83	107	19.22	cps
Cadmium	106-1	5910	5593	6035	5846	3.90	cps
Cadmium	111-1	2799	2660	2958	2806	5.31	cps
Calcium	43-1	5678	5905	5775	5786	1.97	cps
Calcium	44-1	104477	105249	103184	104303	1.00	cps
Carbon	12-1	2156194	2181849	2142260	2160101	0.93	cps
Carbon	12-2	25823	25038	23970	24944	3.73	cps
Chlorine	35-1	629103	619111	610813	619676	1.48	cps
Chlorine	35-2	4026	4009	4359	4131	4.78	cps
Chromium	52-2	3210	3287	3337	3278	1.95	cps
Cobalt	59-2	1767	1710	1730	1736	1.66	cps
Copper	63-2	3757	3761	3741	3753	0.29	cps
Dysprosium	156-1	33	8	0	14	124.91	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	8	50	42	33	66.15	cps
Erbium	164-2	23	20	30	24	20.83	cps
Gadolinium	160-1	75	108	67	83	26.46	cps
Gadolinium	160-2	107	107	120	111	6.93	cps
Holmium	165-1	7180174	7181549	7369119	7243614	1.50	cps
Holmium	165-2	3299694	3406054	3453914	3386554	2.33	cps
Indium	115-1	5654327	5694130	5558076	5635511	1.24	cps
Indium	115-2	826660	849132	878064	851285	3.03	cps
Iron	54-2	3317	3206	3239	3254	1.75	cps
Iron	56-2	50959	50244	52090	51098	1.82	cps
Iron	57-2	1450	1322	1295	1356	6.12	cps
Krypton	83-1	236	230	240	235	2.15	cps
Lead	206-1	3701	3723	3795	3739	1.32	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P8
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 13:01:24	DataFile Name :	026LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	3034	3423	3395	3284	6.61	cps
Lead	208-1	14453	15076	14620	14716	2.19	cps
Lithium	6-1	2818880	2762998	2721953	2767943	1.76	cps
Magnesium	24-2	43449	44352	43792	43864	1.04	cps
Manganese	55-2	780	710	790	760	5.74	cps
Molybdenum	94-1	7102	7377	7511	7330	2.84	cps
Molybdenum	95-1	9837	9445	8928	9403	4.85	cps
Molybdenum	96-1	10221	10312	9495	10009	4.47	cps
Molybdenum	97-1	5918	5868	5510	5765	3.87	cps
Molybdenum	98-1	14583	14842	14767	14730	0.90	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	3	0	7	3	100.05	cps
Nickel	60-2	653	633	707	664	5.71	cps
Phosphorus	31-2	292	292	267	283	5.09	cps
Potassium	39-2	55800	55097	56219	55705	1.02	cps
Rhodium	103-1	5307728	5231956	5178350	5239345	1.24	cps
Rhodium	103-2	2283468	2407301	2474862	2388544	4.06	cps
Scandium	45-1	3916147	3939726	3883110	3912994	0.73	cps
Scandium	45-2	116128	123025	123180	120777	3.33	cps
Selenium	82-1	385	317	340	347	9.89	cps
Selenium	77-2	13	20	17	17	20.01	cps
Selenium	78-2	63	54	75	64	16.46	cps
Silicon	28-1	818083	802425	819689	813399	1.17	cps
Silver	107-1	4351	4334	4501	4395	2.09	cps
Silver	109-1	3967	3892	4292	4051	5.25	cps
Sodium	23-2	103366	103541	101519	102809	1.09	cps
Strontium	86-1	1783	1917	1492	1731	12.56	cps
Strontium	88-1	13549	13500	12381	13144	5.03	cps
Sulfur	34-1	418281	417985	418282	418183	0.04	cps
Terbium	159-1	7428654	7265407	7310249	7334770	1.15	cps
Terbium	159-2	3274486	3337370	3324651	3312169	1.00	cps
Thallium	203-1	4051	3842	3759	3884	3.87	cps
Thallium	205-1	9570	9962	9737	9757	2.02	cps
Tin	118-1	13991	13874	14658	14174	2.99	cps
Titanium	47-1	2717	3142	2800	2886	7.80	cps
Uranium	238-1	11197	11055	11898	11383	3.96	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P8
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 13:01:24	DataFile Name :	026LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	3620	3857	3734	3737	3.17	cps
Ytterbium	172-1	17	50	33	33	50.00	cps
Ytterbium	172-2	22	44	28	31	36.74	cps
Ytterbium	176-1	1542	1625	1600	1589	2.69	cps
Ytterbium	176-2	8414	8998	9365	8925	5.37	cps
Yttrium	89-1	10352590	10301572	10200538	10284900	0.75	cps
Yttrium	89-2	1068665	1107232	1142791	1106229	3.35	cps
Zinc	66-2	490	520	527	512	3.81	cps
Zirconium	90-1	5826	5610	6001	5812	3.38	cps
Zirconium	91-1	1242	1433	1275	1317	7.78	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	PB153353BL	Instrumnet Name :	P8
Client Sample ID :	PB153353BL	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 13:04:27	DataFile Name :	027CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	101	67	119	96	27.19	cps
Antimony	121-1	267	292	192	250	20.82	cps
Arsenic	75-2	3	4	3	3	17.32	cps
Barium	135-1	83	42	100	75	40.06	cps
Barium	137-1	108	92	150	117	25.76	cps
Beryllium	9-1	259	236	222	239	7.65	cps
Bismuth	209-1	4752116	4911756	4931144	4865005	2.02	cps
Bismuth	209-2	2437628	2531298	2501296	2490074	1.92	cps
Bromine	81-1	37718	37635	39256	38203	2.39	cps
Cadmium	108-1	29	13	25	22	39.04	cps
Cadmium	106-1	5635	5793	5193	5540	5.62	cps
Cadmium	111-1	1981	2056	1846	1961	5.44	cps
Calcium	43-1	242	207	257	236	10.88	cps
Calcium	44-1	13305	12881	14198	13461	5.00	cps
Carbon	12-1	2085117	2097725	2112838	2098560	0.66	cps
Carbon	12-2	24521	25030	25114	24888	1.29	cps
Chlorine	35-1	525017	520053	517861	520977	0.70	cps
Chlorine	35-2	3467	3275	3242	3328	3.65	cps
Chromium	52-2	1230	1097	1270	1199	7.57	cps
Cobalt	59-2	110	100	137	116	16.40	cps
Copper	63-2	920	1027	1037	994	6.50	cps
Dysprosium	156-1	25	8	0	11	114.58	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	33	83	58	58	42.87	cps
Erbium	164-2	20	23	27	23	14.29	cps
Gadolinium	160-1	75	83	42	67	33.07	cps
Gadolinium	160-2	117	133	113	121	8.85	cps
Holmium	165-1	7158975	7170027	7121606	7150203	0.35	cps
Holmium	165-2	3297995	3389392	3334236	3340541	1.38	cps
Indium	115-1	5335473	5521858	5358243	5405192	1.88	cps
Indium	115-2	834499	854065	845772	844779	1.16	cps
Iron	54-2	900	783	761	815	9.16	cps
Iron	56-2	8492	8436	8097	8342	2.56	cps
Iron	57-2	278	261	244	261	6.38	cps
Krypton	83-1	196	177	211	195	8.67	cps
Lead	206-1	778	728	900	802	11.05	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	PB153353BL	Instrumnet Name :	P8
Client Sample ID :	PB153353BL	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 13:04:27	DataFile Name :	027CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	783	689	822	765	8.97	cps
Lead	208-1	3245	3034	3500	3259	7.17	cps
Lithium	6-1	2637035	2796437	2828572	2754015	3.72	cps
Magnesium	24-2	875	758	875	836	8.06	cps
Manganese	55-2	190	177	113	160	25.60	cps
Molybdenum	94-1	492	308	525	442	26.41	cps
Molybdenum	95-1	500	450	600	517	14.78	cps
Molybdenum	96-1	625	517	742	628	17.93	cps
Molybdenum	97-1	308	292	425	342	21.26	cps
Molybdenum	98-1	892	792	1434	1039	33.25	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	173	177	187	179	3.88	cps
Phosphorus	31-2	267	292	200	253	18.75	cps
Potassium	39-2	27761	27218	27485	27488	0.99	cps
Rhodium	103-1	5067389	5116596	5181071	5121685	1.11	cps
Rhodium	103-2	2307290	2371105	2365698	2348031	1.51	cps
Scandium	45-1	3776067	3912372	3772713	3820384	2.09	cps
Scandium	45-2	119216	120665	121122	120334	0.83	cps
Selenium	82-1	52	44	5	34	74.90	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	20	25	22	22	11.27	cps
Silicon	28-1	780258	777417	797669	785114	1.40	cps
Silver	107-1	142	125	183	150	20.03	cps
Silver	109-1	67	108	83	86	24.35	cps
Sodium	23-2	24755	25022	24546	24774	0.96	cps
Strontium	86-1	658	667	792	706	10.59	cps
Strontium	88-1	3442	2917	4426	3595	21.30	cps
Sulfur	34-1	425198	427850	423274	425441	0.54	cps
Terbium	159-1	7136540	7398409	7356070	7297006	1.93	cps
Terbium	159-2	3229320	3353064	3339323	3307236	2.05	cps
Thallium	203-1	467	483	542	497	7.92	cps
Thallium	205-1	1125	1100	1267	1164	7.72	cps
Tin	118-1	517	492	617	542	12.21	cps
Titanium	47-1	275	242	200	239	15.73	cps
Uranium	238-1	192	142	333	222	44.74	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	PB153353BL	Instrumnet Name :	P8
Client Sample ID :	PB153353BL	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 13:04:27	DataFile Name :	027CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	37	17	13	22	56.80	cps
Ytterbium	172-1	25	83	75	61	51.63	cps
Ytterbium	172-2	28	17	22	22	25.00	cps
Ytterbium	176-1	1900	1675	1433	1670	13.98	cps
Ytterbium	176-2	8475	8786	9064	8775	3.36	cps
Yttrium	89-1	9914788	10079143	10142513	10045481	1.17	cps
Yttrium	89-2	1095161	1121473	1109230	1108621	1.19	cps
Zinc	66-2	90	70	83	81	12.55	cps
Zirconium	90-1	450	575	433	486	15.93	cps
Zirconium	91-1	50	67	50	56	17.32	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	PB153353BS	Instrumnet Name :	P8
Client Sample ID :	PB153353BS	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 13:07:29	DataFile Name :	028LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1325	1429	1429	1394	4.30	cps
Antimony	121-1	11088	11797	11855	11580	3.69	cps
Arsenic	75-2	164	172	191	176	7.89	cps
Barium	135-1	13799	14875	13983	14219	4.05	cps
Barium	137-1	24639	25274	26001	25305	2.69	cps
Beryllium	9-1	2531	2474	2424	2476	2.17	cps
Bismuth	209-1	4742089	4922330	5067487	4910635	3.32	cps
Bismuth	209-2	2501986	2642233	2577146	2573788	2.73	cps
Bromine	81-1	39097	36858	37601	37852	3.01	cps
Cadmium	108-1	183	154	192	176	11.16	cps
Cadmium	106-1	5785	6377	6202	6121	4.97	cps
Cadmium	111-1	4272	4653	4491	4472	4.28	cps
Calcium	43-1	10097	10067	10359	10174	1.58	cps
Calcium	44-1	174292	173350	175921	174521	0.75	cps
Carbon	12-1	2192245	2158276	2192660	2181060	0.90	cps
Carbon	12-2	26741	26282	26683	26569	0.94	cps
Chlorine	35-1	470768	467944	457970	465561	1.44	cps
Chlorine	35-2	2950	2959	3167	3025	4.06	cps
Chromium	52-2	5391	4828	5241	5153	5.66	cps
Cobalt	59-2	3230	3044	3047	3107	3.44	cps
Copper	63-2	6018	5835	5888	5914	1.60	cps
Dysprosium	156-1	17	8	0	8	100.02	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	67	42	83	64	32.83	cps
Erbium	164-2	40	20	37	32	33.25	cps
Gadolinium	160-1	33	100	67	67	50.00	cps
Gadolinium	160-2	133	140	117	130	9.24	cps
Holmium	165-1	7215337	7233714	7365664	7271572	1.13	cps
Holmium	165-2	3375206	3478887	3421422	3425172	1.52	cps
Indium	115-1	5416732	5550916	5610569	5526072	1.80	cps
Indium	115-2	867355	873952	877416	872908	0.59	cps
Iron	54-2	17216	17377	17266	17287	0.48	cps
Iron	56-2	299441	300306	295917	298555	0.78	cps
Iron	57-2	7535	7519	7458	7504	0.55	cps
Krypton	83-1	206	206	191	201	4.30	cps
Lead	206-1	5840	6135	6068	6014	2.57	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	PB153353BS	Instrumnet Name :	P8
Client Sample ID :	PB153353BS	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 13:07:29	DataFile Name :	028LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	5018	5023	5346	5129	3.66	cps
Lead	208-1	23342	23648	24131	23707	1.68	cps
Lithium	6-1	2733482	2724832	2751427	2736580	0.50	cps
Magnesium	24-2	82240	82274	83070	82528	0.57	cps
Manganese	55-2	1190	1267	1163	1207	4.45	cps
Molybdenum	94-1	13232	12848	12414	12831	3.19	cps
Molybdenum	95-1	15667	16377	15601	15882	2.71	cps
Molybdenum	96-1	16969	17804	17737	17503	2.65	cps
Molybdenum	97-1	9895	9654	10496	10015	4.33	cps
Molybdenum	98-1	24556	24147	25758	24820	3.37	cps
Neodymium	150-1	0	0	20	7	173.21	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	1250	1257	1257	1255	0.31	cps
Phosphorus	31-2	250	158	392	267	44.08	cps
Potassium	39-2	81950	81672	80843	81488	0.71	cps
Rhodium	103-1	5040363	5293641	5259427	5197810	2.64	cps
Rhodium	103-2	2381642	2434225	2447557	2421141	1.44	cps
Scandium	45-1	3830718	3862661	3902857	3865412	0.94	cps
Scandium	45-2	124803	124749	125220	124924	0.21	cps
Selenium	82-1	614	634	691	646	6.23	cps
Selenium	77-2	7	33	30	23	62.26	cps
Selenium	78-2	110	106	101	106	4.27	cps
Silicon	28-1	852358	844080	842516	846318	0.62	cps
Silver	107-1	7586	8336	7836	7919	4.82	cps
Silver	109-1	6977	7486	7669	7377	4.86	cps
Sodium	23-2	166957	167724	168228	167636	0.38	cps
Strontium	86-1	2492	2559	2759	2603	5.33	cps
Strontium	88-1	18413	18638	19423	18824	2.82	cps
Sulfur	34-1	428980	426962	419522	425155	1.17	cps
Terbium	159-1	7324864	7389651	7500168	7404894	1.20	cps
Terbium	159-2	3363466	3364743	3375966	3368058	0.20	cps
Thallium	203-1	7152	6710	6969	6944	3.20	cps
Thallium	205-1	16110	16060	16661	16277	2.05	cps
Tin	118-1	442	575	608	542	16.28	cps
Titanium	47-1	4651	4893	4868	4804	2.77	cps
Uranium	238-1	19315	19282	20175	19591	2.58	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	PB153353BS	Instrumnet Name :	P8
Client Sample ID :	PB153353BS	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 13:07:29	DataFile Name :	028LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	6698	7028	6535	6754	3.72	cps
Ytterbium	172-1	17	33	58	36	58.07	cps
Ytterbium	172-2	11	28	6	15	78.05	cps
Ytterbium	176-1	1850	1750	1792	1797	2.79	cps
Ytterbium	176-2	8870	9676	9331	9292	4.35	cps
Yttrium	89-1	10067679	10217495	10437803	10240992	1.82	cps
Yttrium	89-2	1133626	1148670	1139211	1140502	0.67	cps
Zinc	66-2	1500	1507	1640	1549	5.10	cps
Zirconium	90-1	10996	10980	11196	11057	1.09	cps
Zirconium	91-1	2467	2667	2517	2550	4.08	cps

LB Number : LB125939 Operator : Jaswal
 Lab Sample ID : PB153354BL Instrumnet Name : P8
 Client Sample ID : PB153354BL Dilution Factor : 1
 Date & Time Acquired : 2023-06-13 13:10:39 DataFile Name : 029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	134	144	92	123	22.03	cps
Antimony	121-1	58	42	100	67	45.07	cps
Arsenic	75-2	4	4	8	5	43.30	cps
Barium	135-1	25	42	25	31	31.50	cps
Barium	137-1	50	33	42	42	20.00	cps
Beryllium	9-1	186	195	181	187	3.71	cps
Bismuth	209-1	4832346	4980084	4884921	4899117	1.53	cps
Bismuth	209-2	2617811	2539674	2704856	2620780	3.15	cps
Bromine	81-1	37810	37860	38655	38108	1.24	cps
Cadmium	108-1	13	13	29	18	53.30	cps
Cadmium	106-1	5626	5668	6110	5801	4.62	cps
Cadmium	111-1	2002	1988	2147	2046	4.32	cps
Calcium	43-1	179	169	159	169	5.93	cps
Calcium	44-1	12630	12466	11997	12365	2.66	cps
Carbon	12-1	2094992	2103671	2117190	2105284	0.53	cps
Carbon	12-2	25639	25615	25289	25514	0.77	cps
Chlorine	35-1	407934	406853	399111	404633	1.19	cps
Chlorine	35-2	2450	2542	2500	2498	1.84	cps
Chromium	52-2	1397	1120	1273	1263	10.97	cps
Cobalt	59-2	97	80	80	86	11.25	cps
Copper	63-2	867	987	767	873	12.61	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	3	0	7	3	100.05	cps
Erbium	164-1	33	67	17	39	65.47	cps
Erbium	164-2	17	17	30	21	36.45	cps
Gadolinium	160-1	83	67	92	81	15.80	cps
Gadolinium	160-2	113	77	160	117	35.80	cps
Holmium	165-1	7084146	7111151	7239466	7144921	1.16	cps
Holmium	165-2	3393308	3484964	3530238	3469504	2.01	cps
Indium	115-1	5454476	5541332	5513030	5502946	0.80	cps
Indium	115-2	864771	865193	883691	871218	1.24	cps
Iron	54-2	972	989	744	902	15.14	cps
Iron	56-2	9248	9426	8036	8903	8.50	cps
Iron	57-2	317	328	233	293	17.64	cps
Krypton	83-1	196	236	210	214	9.49	cps
Lead	206-1	639	500	606	582	12.47	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	PB153354BL	Instrumnet Name :	P8
Client Sample ID :	PB153354BL	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 13:10:39	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	517	467	556	513	8.69	cps
Lead	208-1	2489	2556	2267	2437	6.21	cps
Lithium	6-1	2694774	2748986	2795289	2746350	1.83	cps
Magnesium	24-2	1058	1317	767	1047	26.28	cps
Manganese	55-2	190	167	110	156	26.45	cps
Molybdenum	94-1	242	317	225	261	18.70	cps
Molybdenum	95-1	275	258	167	233	25.00	cps
Molybdenum	96-1	317	183	150	217	40.71	cps
Molybdenum	97-1	233	133	100	156	44.61	cps
Molybdenum	98-1	325	408	225	319	28.74	cps
Neodymium	150-1	7	33	0	13	132.27	cps
Neodymium	150-2	10	0	0	3	173.21	cps
Nickel	60-2	210	203	190	201	5.06	cps
Phosphorus	31-2	225	225	217	222	2.17	cps
Potassium	39-2	27527	28395	27251	27724	2.15	cps
Rhodium	103-1	5040089	5296842	5242277	5193069	2.60	cps
Rhodium	103-2	2410031	2435445	2501256	2448911	1.92	cps
Scandium	45-1	3745191	3891573	3778621	3805128	2.02	cps
Scandium	45-2	122604	123522	127293	124473	2.00	cps
Selenium	82-1	1	8	17	9	93.65	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	23	31	31	28	16.30	cps
Silicon	28-1	787114	794820	800265	794066	0.83	cps
Silver	107-1	125	150	100	125	20.00	cps
Silver	109-1	108	58	67	78	34.45	cps
Sodium	23-2	24272	23761	23887	23973	1.11	cps
Strontium	86-1	442	467	325	411	18.39	cps
Strontium	88-1	1350	1600	550	1167	47.02	cps
Sulfur	34-1	428508	425676	424482	426222	0.49	cps
Terbium	159-1	7237719	7316795	7259877	7271464	0.56	cps
Terbium	159-2	3376513	3281256	3394725	3350832	1.82	cps
Thallium	203-1	475	392	325	397	18.92	cps
Thallium	205-1	983	942	758	895	13.38	cps
Tin	118-1	475	542	492	503	6.90	cps
Titanium	47-1	142	108	200	150	30.93	cps
Uranium	238-1	67	83	17	56	62.45	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	PB153354BL	Instrumnet Name :	P8
Client Sample ID :	PB153354BL	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 13:10:39	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	20	20	20	20	0.00	cps
Ytterbium	172-1	58	17	75	50	60.09	cps
Ytterbium	172-2	39	11	33	28	52.92	cps
Ytterbium	176-1	1800	1984	1717	1834	7.44	cps
Ytterbium	176-2	8692	8703	9754	9050	6.74	cps
Yttrium	89-1	10016710	10313496	10154207	10161471	1.46	cps
Yttrium	89-2	1130546	1132579	1174616	1145914	2.17	cps
Zinc	66-2	80	113	110	101	18.16	cps
Zirconium	90-1	467	475	333	425	18.70	cps
Zirconium	91-1	67	58	75	67	12.50	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	PB153354BS	Instrumnet Name :	P8
Client Sample ID :	PB153354BS	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 13:13:41	DataFile Name :	030LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1344	1306	1292	1314	2.02	cps
Antimony	121-1	11714	11063	11205	11327	3.02	cps
Arsenic	75-2	163	162	173	166	3.66	cps
Barium	135-1	14950	14191	15351	14831	3.97	cps
Barium	137-1	25725	24890	25291	25302	1.65	cps
Beryllium	9-1	2472	2549	2487	2503	1.61	cps
Bismuth	209-1	5052770	5012059	5052047	5038959	0.46	cps
Bismuth	209-2	2506934	2412467	2598358	2505919	3.71	cps
Bromine	81-1	37785	36758	37910	37484	1.69	cps
Cadmium	108-1	154	175	213	181	16.37	cps
Cadmium	106-1	6493	6402	6352	6416	1.12	cps
Cadmium	111-1	4544	4335	4204	4361	3.94	cps
Calcium	43-1	10151	10186	10161	10166	0.18	cps
Calcium	44-1	174401	177515	176161	176026	0.89	cps
Carbon	12-1	2180393	2209091	2203877	2197787	0.70	cps
Carbon	12-2	26675	26232	26783	26563	1.10	cps
Chlorine	35-1	382363	382484	376285	380377	0.93	cps
Chlorine	35-2	2525	2559	2184	2422	8.57	cps
Chromium	52-2	4951	5144	4978	5024	2.09	cps
Cobalt	59-2	3097	3024	3104	3075	1.44	cps
Copper	63-2	5748	5604	5911	5755	2.67	cps
Dysprosium	156-1	0	25	8	11	114.58	cps
Dysprosium	156-2	7	0	7	4	86.60	cps
Erbium	164-1	83	67	33	61	41.67	cps
Erbium	164-2	20	17	30	22	31.22	cps
Gadolinium	160-1	83	108	83	92	15.74	cps
Gadolinium	160-2	133	97	127	119	16.43	cps
Holmium	165-1	7362535	7322688	7246972	7310732	0.80	cps
Holmium	165-2	3315635	3263564	3488788	3355996	3.51	cps
Indium	115-1	5546357	5656208	5677680	5626748	1.25	cps
Indium	115-2	846930	820947	890903	852926	4.15	cps
Iron	54-2	17227	16426	16354	16669	2.91	cps
Iron	56-2	296113	297130	297784	297009	0.28	cps
Iron	57-2	7491	7424	7246	7387	1.71	cps
Krypton	83-1	181	184	227	197	13.17	cps
Lead	206-1	6213	6218	5940	6124	2.59	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	PB153354BS	Instrumnet Name :	P8
Client Sample ID :	PB153354BS	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 13:13:41	DataFile Name :	030LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	5234	5073	5323	5210	2.43	cps
Lead	208-1	24832	23848	23887	24189	2.30	cps
Lithium	6-1	2776321	2720450	2771407	2756060	1.12	cps
Magnesium	24-2	82140	81025	80891	81352	0.84	cps
Manganese	55-2	1133	1057	977	1056	7.42	cps
Molybdenum	94-1	13165	13215	13173	13184	0.20	cps
Molybdenum	95-1	15067	15234	15092	15131	0.59	cps
Molybdenum	96-1	17386	18112	16952	17484	3.35	cps
Molybdenum	97-1	9937	10529	9595	10021	4.72	cps
Molybdenum	98-1	24956	24639	25482	25026	1.70	cps
Neodymium	150-1	7	20	0	9	114.55	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	1187	1237	1267	1230	3.29	cps
Phosphorus	31-2	258	283	258	267	5.41	cps
Potassium	39-2	81531	80323	79913	80589	1.04	cps
Rhodium	103-1	5236167	5351766	5325545	5304493	1.14	cps
Rhodium	103-2	2365714	2225447	2435550	2342237	4.57	cps
Scandium	45-1	3892808	3920582	3942982	3918791	0.64	cps
Scandium	45-2	119938	115611	124840	120130	3.84	cps
Selenium	82-1	717	644	650	670	6.10	cps
Selenium	77-2	33	27	27	29	13.31	cps
Selenium	78-2	109	99	103	104	4.85	cps
Silicon	28-1	867018	842774	856208	855333	1.42	cps
Silver	107-1	7736	8119	8069	7975	2.61	cps
Silver	109-1	7627	7611	7427	7555	1.47	cps
Sodium	23-2	164227	165911	165068	165069	0.51	cps
Strontium	86-1	2575	2784	2475	2611	6.03	cps
Strontium	88-1	19714	19923	19448	19695	1.21	cps
Sulfur	34-1	427280	430026	433590	430299	0.74	cps
Terbium	159-1	7317937	7467766	7377792	7387832	1.02	cps
Terbium	159-2	3333155	3176126	3410145	3306475	3.61	cps
Thallium	203-1	6619	6760	6844	6741	1.69	cps
Thallium	205-1	16352	16219	16628	16400	1.27	cps
Tin	118-1	592	517	650	586	11.40	cps
Titanium	47-1	5485	4784	4851	5040	7.67	cps
Uranium	238-1	21243	21293	20659	21065	1.67	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	PB153354BS	Instrumnet Name :	P8
Client Sample ID :	PB153354BS	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 13:13:41	DataFile Name :	030LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	6848	6488	6665	6667	2.70	cps
Ytterbium	172-1	33	67	92	64	45.81	cps
Ytterbium	172-2	17	22	28	22	25.00	cps
Ytterbium	176-1	1867	1800	1683	1783	5.20	cps
Ytterbium	176-2	8442	8492	9226	8720	5.03	cps
Yttrium	89-1	10183778	10324170	10347525	10285158	0.86	cps
Yttrium	89-2	1109394	1070972	1159064	1113144	3.97	cps
Zinc	66-2	1733	1673	1677	1695	1.99	cps
Zirconium	90-1	11080	10888	11071	11013	0.98	cps
Zirconium	91-1	2450	2500	2525	2492	1.53	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3112-04	Instrumnet Name :	P8
Client Sample ID :	X3G74	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 13:16:44	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	86	89	97	91	6.50	cps
Antimony	121-1	67576	66914	67132	67207	0.50	cps
Arsenic	75-2	1148	1119	1086	1118	2.78	cps
Barium	135-1	43621	44172	45059	44284	1.64	cps
Barium	137-1	79551	77405	78570	78509	1.37	cps
Beryllium	9-1	5899	5789	5785	5825	1.11	cps
Bismuth	209-1	4901612	4934780	5022203	4952865	1.26	cps
Bismuth	209-2	2678127	2626299	2636201	2646876	1.04	cps
Bromine	81-1	36966	38253	39089	38103	2.81	cps
Cadmium	108-1	542	421	454	472	13.21	cps
Cadmium	106-1	6794	6568	6360	6574	3.30	cps
Cadmium	111-1	8846	8581	8406	8611	2.58	cps
Calcium	43-1	10500	9371	9453	9775	6.44	cps
Calcium	44-1	180667	163083	164998	169583	5.69	cps
Carbon	12-1	2417345	2465638	2515770	2466251	2.00	cps
Carbon	12-2	30457	30248	30282	30329	0.37	cps
Chlorine	35-1	369745	371024	368278	369682	0.37	cps
Chlorine	35-2	2184	2634	2317	2378	9.72	cps
Chromium	52-2	940	997	1103	1013	8.18	cps
Cobalt	59-2	73	80	77	77	4.35	cps
Copper	63-2	15949	16316	16133	16133	1.14	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	58	58	33	50	28.87	cps
Erbium	164-2	20	7	20	16	49.47	cps
Gadolinium	160-1	100	83	92	92	9.09	cps
Gadolinium	160-2	150	100	107	119	22.83	cps
Holmium	165-1	7409401	7356385	7210579	7325455	1.41	cps
Holmium	165-2	3655956	3505172	3583658	3581596	2.11	cps
Indium	115-1	5675732	5460570	5569624	5568642	1.93	cps
Indium	115-2	907701	890808	888304	895604	1.18	cps
Iron	54-2	783	761	733	759	3.30	cps
Iron	56-2	7441	7880	7574	7632	2.95	cps
Iron	57-2	206	272	217	231	15.43	cps
Krypton	83-1	212	194	211	206	5.09	cps
Lead	206-1	22689	19459	19175	20441	9.55	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3112-04	Instrumnet Name :	P8
Client Sample ID :	X3G74	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 13:16:44	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	19784	16900	16861	17848	9.39	cps
Lead	208-1	89847	77859	76689	81465	8.94	cps
Lithium	6-1	2813903	2780224	2822312	2805479	0.79	cps
Magnesium	24-2	850	792	867	836	4.71	cps
Manganese	55-2	8693	8463	8573	8576	1.34	cps
Molybdenum	94-1	5426	383	192	2000	148.39	cps
Molybdenum	95-1	7192	217	308	2572	155.54	cps
Molybdenum	96-1	8593	367	267	3075	155.38	cps
Molybdenum	97-1	4373	167	183	1574	153.95	cps
Molybdenum	98-1	11803	492	350	4215	155.92	cps
Neodymium	150-1	20	40	13	24	56.78	cps
Neodymium	150-2	0	3	7	3	100.05	cps
Nickel	60-2	4037	3520	3564	3707	7.73	cps
Phosphorus	31-2	242	275	267	261	6.64	cps
Potassium	39-2	57180	56544	56135	56620	0.93	cps
Rhodium	103-1	5383876	5331347	5248319	5321181	1.28	cps
Rhodium	103-2	2557545	2427079	2476332	2486985	2.65	cps
Scandium	45-1	3987093	3838999	3980834	3935642	2.13	cps
Scandium	45-2	128469	124868	126168	126502	1.44	cps
Selenium	82-1	2012	2010	2005	2009	0.19	cps
Selenium	77-2	53	83	53	63	27.35	cps
Selenium	78-2	251	224	242	239	5.75	cps
Silicon	28-1	817263	800211	812491	809988	1.09	cps
Silver	107-1	51405	52935	52768	52369	1.60	cps
Silver	109-1	65227	49147	50987	55120	15.97	cps
Sodium	23-2	146160	148375	150025	148186	1.31	cps
Strontium	86-1	9405	575	525	3502	146.00	cps
Strontium	88-1	81475	2392	1942	28603	160.09	cps
Sulfur	34-1	432713	431480	428567	430920	0.49	cps
Terbium	159-1	7532335	7503596	7467657	7501196	0.43	cps
Terbium	159-2	3584729	3418448	3396021	3466400	2.97	cps
Thallium	203-1	22170	19983	20275	20809	5.71	cps
Thallium	205-1	50668	48157	47839	48888	3.17	cps
Tin	118-1	1242	350	383	658	76.79	cps
Titanium	47-1	1976	142	158	759	138.96	cps
Uranium	238-1	3236	142	108	1162	154.58	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3112-04	Instrumnet Name :	P8
Client Sample ID :	X3G74	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 13:16:44	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	17	17	13	16	12.40	cps
Ytterbium	172-1	42	83	42	56	43.30	cps
Ytterbium	172-2	28	22	22	24	13.33	cps
Ytterbium	176-1	1967	1700	1884	1850	7.37	cps
Ytterbium	176-2	9170	8625	9031	8942	3.17	cps
Yttrium	89-1	10476733	10296029	10088649	10287137	1.89	cps
Yttrium	89-2	1182689	1152344	1139182	1158071	1.93	cps
Zinc	66-2	3707	3954	3834	3832	3.22	cps
Zirconium	90-1	3145	442	508	1365	112.95	cps
Zirconium	91-1	725	42	58	275	141.75	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3112-05	Instrumnet Name :	P8
Client Sample ID :	X3G74D	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 13:19:46	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	55	72	85	71	21.28	cps
Antimony	121-1	67752	68497	67400	67883	0.83	cps
Arsenic	75-2	1085	1126	1105	1105	1.86	cps
Barium	135-1	45469	44799	43286	44518	2.51	cps
Barium	137-1	77564	77623	75335	76841	1.70	cps
Beryllium	9-1	5723	5669	5720	5704	0.53	cps
Bismuth	209-1	4736812	4910466	4861038	4836105	1.85	cps
Bismuth	209-2	2581364	2616450	2662534	2620116	1.55	cps
Bromine	81-1	37760	38779	39356	38632	2.09	cps
Cadmium	108-1	467	446	421	444	5.16	cps
Cadmium	106-1	6527	6293	6043	6288	3.85	cps
Cadmium	111-1	8238	8513	8355	8369	1.65	cps
Calcium	43-1	9443	9142	9287	9291	1.62	cps
Calcium	44-1	161669	162846	161326	161947	0.49	cps
Carbon	12-1	2377568	2458447	2498850	2444955	2.53	cps
Carbon	12-2	29940	30257	29797	29998	0.78	cps
Chlorine	35-1	343439	340238	340119	341265	0.55	cps
Chlorine	35-2	2025	2142	2267	2145	5.64	cps
Chromium	52-2	1230	1093	1180	1168	5.92	cps
Cobalt	59-2	80	100	53	78	30.10	cps
Copper	63-2	16139	15902	16149	16064	0.87	cps
Dysprosium	156-1	8	17	0	8	100.02	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	33	67	33	44	43.31	cps
Erbium	164-2	23	10	23	19	40.75	cps
Gadolinium	160-1	108	58	83	83	30.00	cps
Gadolinium	160-2	127	123	110	120	7.35	cps
Holmium	165-1	7035707	7174748	7219352	7143269	1.34	cps
Holmium	165-2	3506262	3467065	3486350	3486559	0.56	cps
Indium	115-1	5403306	5562559	5580917	5515594	1.77	cps
Indium	115-2	881314	880896	889610	883940	0.56	cps
Iron	54-2	761	750	783	765	2.22	cps
Iron	56-2	6868	7446	6618	6978	6.09	cps
Iron	57-2	222	311	283	272	16.70	cps
Krypton	83-1	192	212	215	207	5.97	cps
Lead	206-1	19164	19404	19626	19398	1.19	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3112-05	Instrumnet Name :	P8
Client Sample ID :	X3G74D	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 13:19:46	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	16867	16844	16611	16774	0.85	cps
Lead	208-1	76433	77826	76951	77070	0.91	cps
Lithium	6-1	2699573	2795060	2795790	2763474	2.00	cps
Magnesium	24-2	542	700	633	625	12.72	cps
Manganese	55-2	8436	8880	8256	8524	3.77	cps
Molybdenum	94-1	175	158	250	194	25.11	cps
Molybdenum	95-1	133	183	150	156	16.37	cps
Molybdenum	96-1	200	217	175	197	10.63	cps
Molybdenum	97-1	117	92	108	106	12.06	cps
Molybdenum	98-1	242	208	217	222	7.81	cps
Neodymium	150-1	0	20	7	9	114.55	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	3894	3601	3731	3742	3.93	cps
Phosphorus	31-2	250	300	250	267	10.82	cps
Potassium	39-2	56335	56637	57590	56854	1.15	cps
Rhodium	103-1	5097119	5175731	5227951	5166934	1.27	cps
Rhodium	103-2	2457499	2404430	2433853	2431927	1.09	cps
Scandium	45-1	3761611	3857047	3877271	3831977	1.61	cps
Scandium	45-2	125001	126884	126551	126146	0.80	cps
Selenium	82-1	1922	1984	2037	1981	2.90	cps
Selenium	77-2	47	80	77	68	27.08	cps
Selenium	78-2	218	234	260	237	8.93	cps
Silicon	28-1	799906	846682	814610	820399	2.92	cps
Silver	107-1	54241	50259	51497	51999	3.92	cps
Silver	109-1	49741	50251	49783	49925	0.57	cps
Sodium	23-2	147767	149705	148013	148495	0.71	cps
Strontium	86-1	458	533	408	467	13.48	cps
Strontium	88-1	1317	1300	1208	1275	4.57	cps
Sulfur	34-1	430224	426895	433564	430227	0.78	cps
Terbium	159-1	7078389	7257393	7328109	7221297	1.78	cps
Terbium	159-2	3424945	3389871	3410529	3408448	0.52	cps
Thallium	203-1	19006	19707	20433	19715	3.62	cps
Thallium	205-1	47137	48081	47446	47555	1.01	cps
Tin	118-1	533	450	475	486	8.80	cps
Titanium	47-1	175	125	83	128	35.92	cps
Uranium	238-1	83	83	117	94	20.37	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3112-05	Instrumnet Name :	P8
Client Sample ID :	X3G74D	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 13:19:46	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	7	20	0	9	114.55	cps
Ytterbium	172-1	33	33	25	31	15.74	cps
Ytterbium	172-2	11	22	17	17	33.33	cps
Ytterbium	176-1	1600	1792	1734	1708	5.75	cps
Ytterbium	176-2	8697	9270	9142	9037	3.33	cps
Yttrium	89-1	9847881	10116954	10042581	10002472	1.39	cps
Yttrium	89-2	1140135	1149760	1158411	1149435	0.80	cps
Zinc	66-2	3847	3731	3507	3695	4.68	cps
Zirconium	90-1	525	500	433	486	9.75	cps
Zirconium	91-1	50	83	50	61	31.50	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3112-04LX5	Instrumnet Name :	P8
Client Sample ID :	X3G74L	Dilution Factor :	5
Date & Time Acquired :	2023-06-13 13:22:50	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	64	57	67	63	8.03	cps
Antimony	121-1	13457	13090	13140	13229	1.50	cps
Arsenic	75-2	215	214	234	221	5.10	cps
Barium	135-1	8311	8453	8553	8439	1.44	cps
Barium	137-1	14925	14675	15534	15045	2.94	cps
Beryllium	9-1	1226	1267	1254	1249	1.68	cps
Bismuth	209-1	4857090	4920864	4825252	4867735	1.00	cps
Bismuth	209-2	2557001	2623448	2589205	2589884	1.28	cps
Bromine	81-1	39215	38111	38195	38507	1.60	cps
Cadmium	108-1	92	138	146	125	23.33	cps
Cadmium	106-1	6193	5760	5776	5910	4.16	cps
Cadmium	111-1	3379	3253	3224	3285	2.50	cps
Calcium	43-1	2014	1935	1929	1959	2.42	cps
Calcium	44-1	41846	41862	41701	41803	0.21	cps
Carbon	12-1	2355484	2340387	2367620	2354497	0.58	cps
Carbon	12-2	27885	27827	28211	27974	0.74	cps
Chlorine	35-1	319426	322117	322968	321503	0.58	cps
Chlorine	35-2	2234	2009	2150	2131	5.34	cps
Chromium	52-2	2470	2514	2384	2456	2.70	cps
Cobalt	59-2	70	100	63	78	25.11	cps
Copper	63-2	3594	3607	3814	3672	3.36	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	3	3	13	7	86.65	cps
Erbium	164-1	75	83	25	61	51.63	cps
Erbium	164-2	17	17	20	18	10.81	cps
Gadolinium	160-1	58	92	83	78	22.31	cps
Gadolinium	160-2	93	147	107	116	24.02	cps
Holmium	165-1	7299192	7149859	7267411	7238821	1.09	cps
Holmium	165-2	3438379	3498172	3489195	3475248	0.93	cps
Indium	115-1	5568883	5620984	5528864	5572910	0.83	cps
Indium	115-2	855763	874232	873654	867883	1.21	cps
Iron	54-2	983	956	1150	1030	10.21	cps
Iron	56-2	11032	10649	11444	11042	3.60	cps
Iron	57-2	317	344	339	333	4.41	cps
Krypton	83-1	164	226	197	196	15.97	cps
Lead	206-1	4012	4251	4395	4219	4.59	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3112-04LX5	Instrumnet Name :	P8
Client Sample ID :	X3G74L	Dilution Factor :	5
Date & Time Acquired :	2023-06-13 13:22:50	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	3517	3462	3595	3525	1.90	cps
Lead	208-1	15887	16755	17071	16571	3.70	cps
Lithium	6-1	2786223	2745814	2755027	2762355	0.77	cps
Magnesium	24-2	767	508	825	700	24.08	cps
Manganese	55-2	1723	1793	1817	1778	2.73	cps
Molybdenum	94-1	183	167	267	206	26.07	cps
Molybdenum	95-1	175	217	175	189	12.73	cps
Molybdenum	96-1	183	183	308	225	32.07	cps
Molybdenum	97-1	92	83	58	78	22.30	cps
Molybdenum	98-1	225	250	258	244	7.10	cps
Neodymium	150-1	7	20	13	13	49.99	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	1133	957	1030	1040	8.53	cps
Phosphorus	31-2	217	208	308	244	22.70	cps
Potassium	39-2	32587	33665	33882	33378	2.08	cps
Rhodium	103-1	5109733	5050940	5230210	5130294	1.78	cps
Rhodium	103-2	2391583	2411607	2440924	2414704	1.03	cps
Scandium	45-1	3893958	3833553	3903460	3876991	0.98	cps
Scandium	45-2	123915	124463	124305	124228	0.23	cps
Selenium	82-1	445	380	415	413	7.87	cps
Selenium	77-2	7	20	7	11	69.25	cps
Selenium	78-2	76	75	69	73	5.16	cps
Silicon	28-1	791826	800282	804856	798988	0.83	cps
Silver	107-1	10513	10379	10313	10401	0.98	cps
Silver	109-1	10012	9896	9787	9898	1.14	cps
Sodium	23-2	46057	46433	46977	46489	1.00	cps
Strontium	86-1	383	267	350	333	18.03	cps
Strontium	88-1	808	775	583	722	16.81	cps
Sulfur	34-1	434801	433083	429639	432508	0.61	cps
Terbium	159-1	7266586	7336994	7350050	7317877	0.61	cps
Terbium	159-2	3316129	3390163	3368502	3358265	1.13	cps
Thallium	203-1	3984	4334	4468	4262	5.86	cps
Thallium	205-1	10304	10296	9729	10110	3.26	cps
Tin	118-1	442	567	558	522	13.38	cps
Titanium	47-1	100	125	175	133	28.64	cps
Uranium	238-1	75	33	83	64	41.93	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3112-04LX5	Instrumnet Name :	P8
Client Sample ID :	X3G74L	Dilution Factor :	5
Date & Time Acquired :	2023-06-13 13:22:50	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	17	17	10	14	26.66	cps
Ytterbium	172-1	50	42	58	50	16.66	cps
Ytterbium	172-2	28	6	44	26	75.24	cps
Ytterbium	176-1	1800	1667	1842	1770	5.17	cps
Ytterbium	176-2	8731	9042	8881	8885	1.75	cps
Yttrium	89-1	10305651	10207364	10180539	10231184	0.64	cps
Yttrium	89-2	1114253	1132348	1145895	1130832	1.40	cps
Zinc	66-2	780	833	903	839	7.37	cps
Zirconium	90-1	442	417	358	406	10.54	cps
Zirconium	91-1	50	92	75	72	29.04	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3112-06	Instrumnet Name :	P8
Client Sample ID :	X3G74S	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 13:25:53	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	78010	78089	78116	78072	0.07	cps
Antimony	121-1	403506	404904	406366	404925	0.35	cps
Arsenic	75-2	4847	4997	5125	4990	2.79	cps
Barium	135-1	2065055	2038387	2060057	2054500	0.69	cps
Barium	137-1	3510479	3583025	3507943	3533816	1.21	cps
Beryllium	9-1	81931	82761	82799	82497	0.59	cps
Bismuth	209-1	4776429	4826502	4924714	4842549	1.56	cps
Bismuth	209-2	2660604	2607016	2593723	2620448	1.35	cps
Bromine	81-1	37810	35504	37284	36866	3.28	cps
Cadmium	108-1	3559	3684	3763	3669	2.81	cps
Cadmium	106-1	11105	11163	10763	11010	1.96	cps
Cadmium	111-1	55539	56116	55080	55578	0.93	cps
Calcium	43-1	9492	9321	9676	9496	1.87	cps
Calcium	44-1	162976	163266	163912	163385	0.29	cps
Carbon	12-1	2535438	2584691	2602343	2574158	1.35	cps
Carbon	12-2	31501	32002	32035	31846	0.94	cps
Chlorine	35-1	2239243	2582788	2910542	2577524	13.02	cps
Chlorine	35-2	23770	25482	28070	25774	8.40	cps
Chromium	52-2	227701	230136	230116	229318	0.61	cps
Cobalt	59-2	1005874	1014321	1011434	1010543	0.42	cps
Copper	63-2	405549	405057	404251	404952	0.16	cps
Dysprosium	156-1	50	33	58	47	26.96	cps
Dysprosium	156-2	23	20	7	17	52.90	cps
Erbium	164-1	83	50	50	61	31.50	cps
Erbium	164-2	27	20	30	26	19.92	cps
Gadolinium	160-1	75	42	117	78	48.31	cps
Gadolinium	160-2	150	93	120	121	23.41	cps
Holmium	165-1	7101601	7340106	7228957	7223555	1.65	cps
Holmium	165-2	3508627	3569860	3490709	3523065	1.18	cps
Indium	115-1	5555603	5565605	5451882	5524363	1.14	cps
Indium	115-2	893245	882110	886593	887316	0.63	cps
Iron	54-2	61705	61510	61755	61657	0.21	cps
Iron	56-2	969118	976051	953405	966191	1.20	cps
Iron	57-2	24043	24571	24371	24328	1.10	cps
Krypton	83-1	212	184	205	200	7.44	cps
Lead	206-1	81684	83971	83445	83033	1.44	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3112-06	Instrumnet Name :	P8
Client Sample ID :	X3G74S	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 13:25:53	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	70458	71351	72872	71560	1.71	cps
Lead	208-1	327577	330026	339522	332375	1.90	cps
Lithium	6-1	2793484	2846695	2744082	2794754	1.84	cps
Magnesium	24-2	908	942	650	833	19.16	cps
Manganese	55-2	316564	316365	315651	316193	0.15	cps
Molybdenum	94-1	292	233	300	275	13.21	cps
Molybdenum	95-1	300	233	267	267	12.50	cps
Molybdenum	96-1	400	342	308	350	13.26	cps
Molybdenum	97-1	217	183	167	189	13.48	cps
Molybdenum	98-1	483	383	533	467	16.37	cps
Neodymium	150-1	480	440	420	447	6.84	cps
Neodymium	150-2	20	23	23	22	8.65	cps
Nickel	60-2	278669	280756	280239	279888	0.39	cps
Phosphorus	31-2	217	175	217	203	11.86	cps
Potassium	39-2	56243	55624	56954	56274	1.18	cps
Rhodium	103-1	5111170	5199847	5184392	5165136	0.92	cps
Rhodium	103-2	2529050	2395031	2443479	2455854	2.76	cps
Scandium	45-1	3867784	3906899	3997212	3923965	1.69	cps
Scandium	45-2	126773	125031	126470	126092	0.74	cps
Selenium	82-1	9676	9770	9896	9781	1.13	cps
Selenium	77-2	283	350	263	299	15.18	cps
Selenium	78-2	1131	1090	1168	1130	3.45	cps
Silicon	28-1	815510	818095	821510	818372	0.37	cps
Silver	107-1	259443	261357	256364	259055	0.97	cps
Silver	109-1	244331	248382	245373	246029	0.86	cps
Sodium	23-2	149384	150286	148879	149516	0.48	cps
Strontium	86-1	575	517	533	542	5.55	cps
Strontium	88-1	1842	1842	1850	1845	0.26	cps
Sulfur	34-1	431503	431328	428442	430424	0.40	cps
Terbium	159-1	7229197	7252044	7300403	7260548	0.50	cps
Terbium	159-2	3430456	3467501	3470858	3456272	0.65	cps
Thallium	203-1	208333	207187	212142	209221	1.24	cps
Thallium	205-1	501206	508513	516593	508771	1.51	cps
Tin	118-1	492	433	450	458	6.56	cps
Titanium	47-1	108	108	133	117	12.37	cps
Uranium	238-1	217	158	200	192	15.68	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3112-06	Instrumnet Name :	P8
Client Sample ID :	X3G74S	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 13:25:53	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	445532	445084	442523	444380	0.37	cps
Ytterbium	172-1	42	25	42	36	26.65	cps
Ytterbium	172-2	33	28	28	30	10.81	cps
Ytterbium	176-1	1809	1717	1900	1809	5.07	cps
Ytterbium	176-2	9187	8970	9276	9144	1.72	cps
Yttrium	89-1	9983651	10292724	10190917	10155764	1.55	cps
Yttrium	89-2	1153055	1147160	1160547	1153587	0.58	cps
Zinc	66-2	100050	102578	102138	101589	1.33	cps
Zirconium	90-1	542	425	500	489	12.09	cps
Zirconium	91-1	125	75	108	103	24.77	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3112-16	Instrumnet Name :	P8
Client Sample ID :	X3G78	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 13:28:56	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9937	9976	9798	9904	0.94	cps
Antimony	121-1	84545	84335	86313	85064	1.28	cps
Arsenic	75-2	2925	2875	2787	2862	2.44	cps
Barium	135-1	57389	59616	60695	59233	2.85	cps
Barium	137-1	103631	103360	102983	103325	0.31	cps
Beryllium	9-1	37196	37340	37598	37378	0.55	cps
Bismuth	209-1	4970722	4884706	4932082	4929170	0.87	cps
Bismuth	209-2	2542237	2610990	2609354	2587527	1.52	cps
Bromine	81-1	38671	38428	38069	38390	0.79	cps
Cadmium	108-1	1008	1013	1004	1008	0.41	cps
Cadmium	106-1	7536	7519	7536	7530	0.13	cps
Cadmium	111-1	17340	16564	17235	17046	2.47	cps
Calcium	43-1	4211	4094	4155	4153	1.42	cps
Calcium	44-1	77278	78367	77427	77690	0.76	cps
Carbon	12-1	2347496	2366546	2461189	2391744	2.55	cps
Carbon	12-2	28678	27894	29238	28603	2.36	cps
Chlorine	35-1	16993466	22623660	26330064	21982397	21.39	cps
Chlorine	35-2	231165	244606	253703	243158	4.66	cps
Chromium	52-2	39652	39996	39635	39761	0.51	cps
Cobalt	59-2	72859	72986	72389	72745	0.43	cps
Copper	63-2	39244	39662	38977	39294	0.88	cps
Dysprosium	156-1	592	567	750	636	15.63	cps
Dysprosium	156-2	193	247	207	216	12.88	cps
Erbium	164-1	342	358	350	350	2.38	cps
Erbium	164-2	153	210	150	171	19.71	cps
Gadolinium	160-1	600	342	433	458	28.58	cps
Gadolinium	160-2	357	330	317	334	6.09	cps
Holmium	165-1	7470990	7393230	7456646	7440289	0.56	cps
Holmium	165-2	3389669	3450072	3497821	3445854	1.57	cps
Indium	115-1	5754907	5627267	5648092	5676755	1.21	cps
Indium	115-2	835813	864476	862869	854386	1.88	cps
Iron	54-2	14669	13979	14129	14259	2.55	cps
Iron	56-2	231279	226410	227130	228273	1.15	cps
Iron	57-2	5507	5373	5979	5620	5.66	cps
Krypton	83-1	221	224	196	214	7.11	cps
Lead	206-1	92579	90111	90638	91109	1.43	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3112-16	Instrumnet Name :	P8
Client Sample ID :	X3G78	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 13:28:56	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	78726	79694	79794	79405	0.74	cps
Lead	208-1	357365	361299	364905	361190	1.04	cps
Lithium	6-1	2881585	2920105	2929881	2910523	0.88	cps
Magnesium	24-2	9662	8978	9261	9300	3.69	cps
Manganese	55-2	11938	11728	11568	11745	1.58	cps
Molybdenum	94-1	3142	2684	3092	2973	8.46	cps
Molybdenum	95-1	425	333	342	367	13.82	cps
Molybdenum	96-1	783	742	833	786	5.84	cps
Molybdenum	97-1	150	208	192	183	16.39	cps
Molybdenum	98-1	608	483	383	492	22.93	cps
Neodymium	150-1	787	660	740	729	8.79	cps
Neodymium	150-2	317	270	247	278	12.83	cps
Nickel	60-2	20862	20525	20168	20518	1.69	cps
Phosphorus	31-2	317	233	250	267	16.54	cps
Potassium	39-2	33957	34885	34500	34447	1.35	cps
Rhodium	103-1	5332785	5252495	5378861	5321380	1.20	cps
Rhodium	103-2	2374929	2458006	2413584	2415506	1.72	cps
Scandium	45-1	4050810	4074417	3907418	4010882	2.25	cps
Scandium	45-2	119818	124101	124070	122663	2.01	cps
Selenium	82-1	2577	2419	2505	2500	3.18	cps
Selenium	77-2	87	107	103	99	10.83	cps
Selenium	78-2	303	307	332	314	5.01	cps
Silicon	28-1	2239152	1317983	1325796	1627644	32.54	cps
Silver	107-1	39808	39382	38764	39318	1.34	cps
Silver	109-1	37101	35897	37076	36691	1.87	cps
Sodium	23-2	45304	45521	46851	45892	1.82	cps
Strontium	86-1	3992	4126	4317	4145	3.94	cps
Strontium	88-1	32631	33148	33107	32962	0.87	cps
Sulfur	34-1	429877	427762	428303	428648	0.26	cps
Terbium	159-1	7546497	7541093	7661529	7583040	0.90	cps
Terbium	159-2	3382444	3350363	3414397	3382402	0.95	cps
Thallium	203-1	53209	52365	54934	53503	2.45	cps
Thallium	205-1	127744	128357	131387	129163	1.51	cps
Tin	118-1	975	1242	1292	1170	14.56	cps
Titanium	47-1	2100	1767	2025	1964	8.90	cps
Uranium	238-1	733	675	717	708	4.24	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3112-16	Instrumnet Name :	P8
Client Sample ID :	X3G78	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 13:28:56	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1050	890	960	967	8.30	cps
Ytterbium	172-1	100	92	133	108	20.35	cps
Ytterbium	172-2	50	44	72	56	26.45	cps
Ytterbium	176-1	1950	1759	1842	1850	5.19	cps
Ytterbium	176-2	8659	9142	9387	9063	4.09	cps
Yttrium	89-1	10489282	10441158	10386685	10439042	0.49	cps
Yttrium	89-2	1098917	1149006	1124977	1124300	2.23	cps
Zinc	66-2	1297	1380	1337	1338	3.12	cps
Zirconium	90-1	6894	7202	7227	7108	2.61	cps
Zirconium	91-1	1608	1708	1567	1628	4.47	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3112-17	Instrumnet Name :	P8
Client Sample ID :	X3G78D	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 13:31:57	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9752	10085	9873	9903	1.70	cps
Antimony	121-1	87966	85459	85249	86225	1.75	cps
Arsenic	75-2	2825	2905	2880	2870	1.43	cps
Barium	135-1	57757	57071	58427	57751	1.17	cps
Barium	137-1	99976	99818	97106	98967	1.63	cps
Beryllium	9-1	38105	38698	38568	38457	0.81	cps
Bismuth	209-1	4632444	4992729	4973126	4866100	4.16	cps
Bismuth	209-2	2603833	2629460	2632870	2622054	0.61	cps
Bromine	81-1	37743	37911	38053	37902	0.41	cps
Cadmium	108-1	1042	967	1079	1029	5.57	cps
Cadmium	106-1	7411	7294	7386	7363	0.83	cps
Cadmium	111-1	17294	17685	17722	17567	1.35	cps
Calcium	43-1	4096	4219	4088	4134	1.78	cps
Calcium	44-1	79501	79726	79465	79564	0.18	cps
Carbon	12-1	2340671	2402297	2411423	2384797	1.61	cps
Carbon	12-2	27794	28779	27318	27963	2.66	cps
Chlorine	35-1	26931456	32314847	35583878	31610060	13.82	cps
Chlorine	35-2	275020	285348	293336	284568	3.23	cps
Chromium	52-2	40016	39662	40337	40005	0.84	cps
Cobalt	59-2	74122	73428	72004	73185	1.48	cps
Copper	63-2	39465	40320	39090	39625	1.59	cps
Dysprosium	156-1	517	583	692	597	14.79	cps
Dysprosium	156-2	207	230	273	237	14.29	cps
Erbium	164-1	417	317	500	411	22.33	cps
Erbium	164-2	157	180	173	170	7.07	cps
Gadolinium	160-1	467	492	608	522	14.48	cps
Gadolinium	160-2	297	377	383	352	13.69	cps
Holmium	165-1	6711338	7365339	7372339	7149672	5.31	cps
Holmium	165-2	3407291	3395728	3438416	3413812	0.65	cps
Indium	115-1	5334191	5752095	5583266	5556517	3.78	cps
Indium	115-2	864343	861178	866903	864141	0.33	cps
Iron	54-2	15787	16054	15047	15629	3.34	cps
Iron	56-2	253182	250435	250407	251341	0.63	cps
Iron	57-2	6374	6174	6224	6257	1.66	cps
Krypton	83-1	217	202	217	212	4.08	cps
Lead	206-1	91807	88690	93731	91409	2.78	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3112-17	Instrumnet Name :	P8
Client Sample ID :	X3G78D	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 13:31:57	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	81169	78386	80700	80085	1.86	cps
Lead	208-1	368362	362161	369283	366602	1.06	cps
Lithium	6-1	2805473	2992847	3005680	2934667	3.82	cps
Magnesium	24-2	8828	9278	8895	9000	2.70	cps
Manganese	55-2	11275	11722	11531	11509	1.95	cps
Molybdenum	94-1	2859	3050	2767	2892	5.00	cps
Molybdenum	95-1	358	342	217	306	25.34	cps
Molybdenum	96-1	925	883	692	833	14.93	cps
Molybdenum	97-1	183	167	175	175	4.76	cps
Molybdenum	98-1	558	533	442	511	12.02	cps
Neodymium	150-1	880	1020	1060	987	9.58	cps
Neodymium	150-2	343	310	300	318	7.14	cps
Nickel	60-2	19911	20725	20461	20366	2.04	cps
Phosphorus	31-2	217	200	250	222	11.46	cps
Potassium	39-2	34785	34784	34199	34589	0.98	cps
Rhodium	103-1	4845637	5147884	5191118	5061546	3.72	cps
Rhodium	103-2	2386175	2392266	2431000	2403147	1.01	cps
Scandium	45-1	3673908	3930056	3986461	3863475	4.31	cps
Scandium	45-2	122550	122352	122887	122596	0.22	cps
Selenium	82-1	2699	2606	2612	2639	1.96	cps
Selenium	77-2	73	77	80	77	4.35	cps
Selenium	78-2	320	308	299	309	3.41	cps
Silicon	28-1	1334494	1339553	1362401	1345483	1.11	cps
Silver	107-1	39792	38638	39390	39273	1.49	cps
Silver	109-1	37577	37418	37502	37499	0.21	cps
Sodium	23-2	46516	49150	48866	48177	3.00	cps
Strontium	86-1	4076	3542	3867	3828	7.02	cps
Strontium	88-1	29774	29039	29908	29574	1.58	cps
Sulfur	34-1	427412	424442	429212	427022	0.56	cps
Terbium	159-1	6916231	7464864	7508364	7296486	4.52	cps
Terbium	159-2	3356367	3286840	3325691	3322966	1.05	cps
Thallium	203-1	53285	54824	55068	54392	1.78	cps
Thallium	205-1	128904	129679	132853	130479	1.60	cps
Tin	118-1	1150	1008	1342	1167	14.34	cps
Titanium	47-1	1850	2059	2067	1992	6.16	cps
Uranium	238-1	717	758	700	725	4.14	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3112-17	Instrumnet Name :	P8
Client Sample ID :	X3G78D	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 13:31:57	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1097	1163	1130	1130	2.95	cps
Ytterbium	172-1	167	92	142	133	28.64	cps
Ytterbium	172-2	67	44	78	63	26.95	cps
Ytterbium	176-1	1550	1792	1834	1725	8.87	cps
Ytterbium	176-2	9159	9381	8786	9109	3.30	cps
Yttrium	89-1	9594087	10354647	10422557	10123763	4.54	cps
Yttrium	89-2	1112737	1125954	1118795	1119162	0.59	cps
Zinc	66-2	420	430	447	432	3.12	cps
Zirconium	90-1	8011	6994	7811	7605	7.09	cps
Zirconium	91-1	1633	1492	1383	1503	8.34	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3112-17RE	Instrumnet Name :	P8
Client Sample ID :	X3G78DRE	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 13:35:00	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10030	10021	9951	10001	0.43	cps
Antimony	121-1	83203	83723	89125	85350	3.84	cps
Arsenic	75-2	2950	2944	2843	2912	2.07	cps
Barium	135-1	55950	55037	57523	56170	2.24	cps
Barium	137-1	94907	100019	98273	97733	2.66	cps
Beryllium	9-1	36771	38773	37985	37843	2.67	cps
Bismuth	209-1	5339236	5051090	5078042	5156122	3.09	cps
Bismuth	209-2	2649053	2670183	2941984	2753740	5.93	cps
Bromine	81-1	38738	38312	38838	38629	0.72	cps
Cadmium	108-1	1021	1146	1075	1081	5.80	cps
Cadmium	106-1	8278	7519	7411	7736	6.11	cps
Cadmium	111-1	18388	17551	17554	17831	2.70	cps
Calcium	43-1	4109	4128	4204	4147	1.21	cps
Calcium	44-1	78059	79434	80294	79262	1.42	cps
Carbon	12-1	2364993	2450728	2396871	2404197	1.80	cps
Carbon	12-2	28403	29447	28236	28695	2.29	cps
Chlorine	35-1	29504753	34938630	37786410	34076598	12.35	cps
Chlorine	35-2	296211	305907	301316	301145	1.61	cps
Chromium	52-2	41129	40059	39585	40258	1.96	cps
Cobalt	59-2	74577	73468	72630	73559	1.33	cps
Copper	63-2	39953	39842	39354	39717	0.80	cps
Dysprosium	156-1	617	725	775	706	11.47	cps
Dysprosium	156-2	257	237	247	247	4.05	cps
Erbium	164-1	450	500	433	461	7.52	cps
Erbium	164-2	150	200	180	177	14.24	cps
Gadolinium	160-1	492	508	650	550	15.82	cps
Gadolinium	160-2	320	397	380	366	11.03	cps
Holmium	165-1	8216606	7288032	7369174	7624604	6.75	cps
Holmium	165-2	3525417	3482101	3847950	3618490	5.52	cps
Indium	115-1	6145944	5639746	5652673	5812788	4.96	cps
Indium	115-2	862522	888255	961171	903983	5.66	cps
Iron	54-2	15447	15592	14858	15299	2.54	cps
Iron	56-2	252851	252216	244738	249935	1.81	cps
Iron	57-2	6151	6174	6657	6327	4.52	cps
Krypton	83-1	229	224	237	230	3.03	cps
Lead	206-1	89575	91745	91817	91046	1.40	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3112-17RE	Instrumnet Name :	P8
Client Sample ID :	X3G78DRE	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 13:35:00	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	76128	78112	80594	78278	2.86	cps
Lead	208-1	351910	360932	368199	360347	2.26	cps
Lithium	6-1	3101814	3041436	3111611	3084954	1.23	cps
Magnesium	24-2	9136	9170	8845	9050	1.98	cps
Manganese	55-2	11441	11668	11194	11435	2.07	cps
Molybdenum	94-1	2700	2750	2967	2806	5.05	cps
Molybdenum	95-1	292	250	158	233	29.23	cps
Molybdenum	96-1	767	775	775	772	0.62	cps
Molybdenum	97-1	133	133	208	158	27.35	cps
Molybdenum	98-1	408	450	383	414	8.14	cps
Neodymium	150-1	953	947	1020	973	4.17	cps
Neodymium	150-2	310	283	320	304	6.23	cps
Nickel	60-2	20865	20401	20191	20486	1.68	cps
Phosphorus	31-2	150	308	258	239	33.88	cps
Potassium	39-2	34918	35302	34751	34990	0.81	cps
Rhodium	103-1	5801431	5259170	5341343	5467315	5.35	cps
Rhodium	103-2	2473304	2487761	2675339	2545468	4.43	cps
Scandium	45-1	4356978	3954701	3974532	4095403	5.54	cps
Scandium	45-2	124023	124995	135858	128292	5.12	cps
Selenium	82-1	2610	2564	2599	2591	0.93	cps
Selenium	77-2	63	70	80	71	11.80	cps
Selenium	78-2	326	300	267	298	9.93	cps
Silicon	28-1	1286579	1300987	1284621	1290729	0.69	cps
Silver	107-1	38789	39064	39925	39259	1.51	cps
Silver	109-1	36884	38196	37811	37630	1.79	cps
Sodium	23-2	50203	51985	51575	51255	1.82	cps
Strontium	86-1	3684	3501	3726	3637	3.29	cps
Strontium	88-1	29281	30501	30751	30178	2.61	cps
Sulfur	34-1	429865	427712	431968	429848	0.50	cps
Terbium	159-1	8422821	7548854	7516959	7829545	6.57	cps
Terbium	159-2	3440858	3435748	3786285	3554297	5.65	cps
Thallium	203-1	54214	53737	55043	54331	1.22	cps
Thallium	205-1	125226	129882	130698	128602	2.30	cps
Tin	118-1	942	900	1158	1000	13.87	cps
Titanium	47-1	1809	2025	2034	1956	6.52	cps
Uranium	238-1	767	725	783	758	3.96	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3112-17RE	Instrumnet Name :	P8
Client Sample ID :	X3G78DRE	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 13:35:00	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1113	1123	1077	1105	2.22	cps
Ytterbium	172-1	92	117	200	136	41.68	cps
Ytterbium	172-2	67	61	72	67	8.33	cps
Ytterbium	176-1	1875	1583	1775	1745	8.50	cps
Ytterbium	176-2	9042	9209	9982	9411	5.33	cps
Yttrium	89-1	11560920	10532471	10538409	10877267	5.44	cps
Yttrium	89-2	1131048	1143282	1235142	1169824	4.86	cps
Zinc	66-2	443	503	467	471	6.42	cps
Zirconium	90-1	7719	6944	7677	7447	5.86	cps
Zirconium	91-1	1583	1683	1550	1606	4.32	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3112-16LX5	Instrumnet Name :	P8
Client Sample ID :	X3G78L	Dilution Factor :	5
Date & Time Acquired :	2023-06-13 13:38:01	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1985	2047	1959	1997	2.28	cps
Antimony	121-1	16010	15935	16727	16224	2.70	cps
Arsenic	75-2	579	576	527	561	5.21	cps
Barium	135-1	11505	11438	11363	11436	0.62	cps
Barium	137-1	19531	20449	20224	20068	2.38	cps
Beryllium	9-1	7183	7371	7301	7285	1.30	cps
Bismuth	209-1	4965152	4887814	4415088	4756018	6.26	cps
Bismuth	209-2	2478326	2522285	2538511	2513040	1.24	cps
Bromine	81-1	38395	39014	36248	37886	3.83	cps
Cadmium	108-1	283	225	146	218	31.65	cps
Cadmium	106-1	6352	6152	5801	6102	4.56	cps
Cadmium	111-1	4846	4850	4841	4846	0.09	cps
Calcium	43-1	841	885	1007	911	9.46	cps
Calcium	44-1	25934	25889	25623	25815	0.65	cps
Carbon	12-1	2303132	2309232	2291874	2301412	0.38	cps
Carbon	12-2	27301	27810	27242	27451	1.14	cps
Chlorine	35-1	13923857	14219428	14120750	14088012	1.07	cps
Chlorine	35-2	97679	96966	95271	96638	1.28	cps
Chromium	52-2	8536	8306	8689	8510	2.27	cps
Cobalt	59-2	14054	13853	14100	14003	0.94	cps
Copper	63-2	8376	8226	8316	8306	0.91	cps
Dysprosium	156-1	175	125	117	139	22.72	cps
Dysprosium	156-2	47	50	63	53	16.53	cps
Erbium	164-1	150	117	42	103	53.99	cps
Erbium	164-2	67	27	40	44	45.82	cps
Gadolinium	160-1	108	208	150	156	32.29	cps
Gadolinium	160-2	180	163	133	159	14.89	cps
Holmium	165-1	7175887	7177425	6656043	7003118	4.29	cps
Holmium	165-2	3457645	3397612	3421866	3425708	0.88	cps
Indium	115-1	5528254	5469570	5067581	5355135	4.68	cps
Indium	115-2	850708	851574	863180	855154	0.81	cps
Iron	54-2	3217	3334	3011	3187	5.12	cps
Iron	56-2	47067	46610	45729	46468	1.46	cps
Iron	57-2	1245	1206	1239	1230	1.71	cps
Krypton	83-1	250	239	214	234	7.92	cps
Lead	206-1	18246	18714	18324	18428	1.36	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3112-16LX5	Instrumnet Name :	P8
Client Sample ID :	X3G78L	Dilution Factor :	5
Date & Time Acquired :	2023-06-13 13:38:01	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	15426	16349	15899	15891	2.91	cps
Lead	208-1	72203	72986	72435	72541	0.55	cps
Lithium	6-1	2874939	2944916	2741557	2853804	3.62	cps
Magnesium	24-2	2234	2250	2259	2247	0.57	cps
Manganese	55-2	2300	2377	2300	2326	1.90	cps
Molybdenum	94-1	592	717	692	667	9.92	cps
Molybdenum	95-1	142	150	192	161	16.63	cps
Molybdenum	96-1	342	367	308	339	8.64	cps
Molybdenum	97-1	83	67	142	97	40.50	cps
Molybdenum	98-1	167	292	258	239	27.10	cps
Neodymium	150-1	113	73	147	111	33.04	cps
Neodymium	150-2	50	57	67	58	14.52	cps
Nickel	60-2	4207	3967	3777	3984	5.41	cps
Phosphorus	31-2	183	175	208	189	9.18	cps
Potassium	39-2	28353	27802	28896	28351	1.93	cps
Rhodium	103-1	5137323	5170066	4790935	5032775	4.17	cps
Rhodium	103-2	2400220	2326805	2391513	2372846	1.69	cps
Scandium	45-1	3762594	3743591	3533926	3680037	3.45	cps
Scandium	45-2	119061	120762	121257	120360	0.96	cps
Selenium	82-1	494	454	439	462	6.15	cps
Selenium	77-2	33	7	20	20	66.65	cps
Selenium	78-2	78	82	80	80	2.50	cps
Silicon	28-1	901267	885237	878875	888460	1.30	cps
Silver	107-1	7619	7327	7677	7541	2.49	cps
Silver	109-1	7227	6810	7244	7094	3.46	cps
Sodium	23-2	32662	33940	33848	33483	2.13	cps
Strontium	86-1	1025	967	1258	1083	14.25	cps
Strontium	88-1	6360	6743	6343	6482	3.49	cps
Sulfur	34-1	417279	413955	418633	416622	0.58	cps
Terbium	159-1	7283159	7413314	6750554	7149009	4.91	cps
Terbium	159-2	3299833	3281274	3384214	3321774	1.65	cps
Thallium	203-1	9746	10504	10605	10285	4.57	cps
Thallium	205-1	24040	25501	23965	24502	3.53	cps
Tin	118-1	475	592	550	539	10.97	cps
Titanium	47-1	458	467	508	478	5.61	cps
Uranium	238-1	100	200	208	169	35.58	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3112-16LX5	Instrumnet Name :	P8
Client Sample ID :	X3G78L	Dilution Factor :	5
Date & Time Acquired :	2023-06-13 13:38:01	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	200	240	173	204	16.41	cps
Ytterbium	172-1	83	75	92	83	10.00	cps
Ytterbium	172-2	33	22	11	22	50.00	cps
Ytterbium	176-1	1608	1842	1533	1661	9.68	cps
Ytterbium	176-2	9025	9164	9353	9181	1.79	cps
Yttrium	89-1	10002664	9952534	9387332	9780843	3.49	cps
Yttrium	89-2	1111730	1100664	1114415	1108937	0.66	cps
Zinc	66-2	257	267	233	252	6.78	cps
Zirconium	90-1	1742	1700	1692	1711	1.57	cps
Zirconium	91-1	342	408	533	428	22.75	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3112-18	Instrumnet Name :	P8
Client Sample ID :	X3G78S	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 13:41:04	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	26037	25954	25938	25976	0.21	cps
Antimony	121-1	153734	154629	156632	154998	0.96	cps
Arsenic	75-2	3673	3721	3690	3695	0.66	cps
Barium	135-1	457944	464343	455408	459232	1.00	cps
Barium	137-1	793810	814984	802865	803886	1.32	cps
Beryllium	9-1	54225	54173	54654	54350	0.49	cps
Bismuth	209-1	4548813	4874191	4963256	4795420	4.55	cps
Bismuth	209-2	2590300	2586233	2621339	2599291	0.74	cps
Bromine	81-1	36991	38153	37233	37459	1.64	cps
Cadmium	108-1	1696	1617	1900	1738	8.41	cps
Cadmium	106-1	8261	8570	8328	8386	1.94	cps
Cadmium	111-1	27178	27450	26912	27180	0.99	cps
Calcium	43-1	4058	4038	4145	4080	1.40	cps
Calcium	44-1	77971	78124	78702	78265	0.49	cps
Carbon	12-1	2366522	2416190	2420005	2400906	1.24	cps
Carbon	12-2	28620	28620	28269	28503	0.71	cps
Chlorine	35-1	24619357	30294189	34331554	29748367	16.40	cps
Chlorine	35-2	282198	287470	300151	289939	3.18	cps
Chromium	52-2	87173	85829	86529	86511	0.78	cps
Cobalt	59-2	281265	277435	278852	279184	0.69	cps
Copper	63-2	118056	117653	117870	117860	0.17	cps
Dysprosium	156-1	500	658	533	564	14.80	cps
Dysprosium	156-2	253	217	203	224	11.54	cps
Erbium	164-1	492	375	458	442	13.61	cps
Erbium	164-2	137	173	137	149	14.22	cps
Gadolinium	160-1	508	342	483	444	20.22	cps
Gadolinium	160-2	330	367	263	320	16.37	cps
Holmium	165-1	6741979	7294037	7246484	7094166	4.31	cps
Holmium	165-2	3424304	3395082	3471702	3430362	1.13	cps
Indium	115-1	5074704	5529917	5585192	5396604	5.19	cps
Indium	115-2	864070	860741	857538	860783	0.38	cps
Iron	54-2	29826	28556	29932	29438	2.60	cps
Iron	56-2	488436	482431	481761	484209	0.76	cps
Iron	57-2	12389	12678	11794	12287	3.67	cps
Krypton	83-1	226	225	199	217	7.17	cps
Lead	206-1	105275	105717	105240	105411	0.25	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3112-18	Instrumnet Name :	P8
Client Sample ID :	X3G78S	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 13:41:04	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	92042	91494	92293	91943	0.44	cps
Lead	208-1	420334	416582	417120	418012	0.49	cps
Lithium	6-1	2757865	3054196	3030553	2947538	5.59	cps
Magnesium	24-2	9578	9320	9345	9414	1.51	cps
Manganese	55-2	74339	74238	73089	73889	0.94	cps
Molybdenum	94-1	2842	3075	2925	2948	4.01	cps
Molybdenum	95-1	300	267	175	247	26.18	cps
Molybdenum	96-1	758	650	775	728	9.33	cps
Molybdenum	97-1	233	175	183	197	16.00	cps
Molybdenum	98-1	450	475	258	394	30.05	cps
Neodymium	150-1	873	887	713	824	11.70	cps
Neodymium	150-2	250	250	283	261	7.37	cps
Nickel	60-2	77871	76079	76558	76836	1.21	cps
Phosphorus	31-2	233	267	267	256	7.53	cps
Potassium	39-2	34241	33414	33690	33782	1.25	cps
Rhodium	103-1	4760452	5132445	5187592	5026830	4.62	cps
Rhodium	103-2	2396257	2381029	2357488	2378258	0.82	cps
Scandium	45-1	3496804	3866254	3864696	3742585	5.69	cps
Scandium	45-2	122642	123610	121354	122535	0.92	cps
Selenium	82-1	4196	4365	4116	4226	3.01	cps
Selenium	77-2	150	147	130	142	7.53	cps
Selenium	78-2	499	483	468	483	3.21	cps
Silicon	28-1	1389932	1331574	1345015	1355507	2.25	cps
Silver	107-1	82035	82463	83972	82824	1.23	cps
Silver	109-1	79405	80150	78256	79270	1.20	cps
Sodium	23-2	49484	48832	49778	49365	0.98	cps
Strontium	86-1	3576	3501	4001	3692	7.31	cps
Strontium	88-1	28463	29549	29941	29318	2.61	cps
Sulfur	34-1	416549	419193	416828	417524	0.35	cps
Terbium	159-1	6764879	7416161	7404139	7195060	5.18	cps
Terbium	159-2	3332443	3379506	3366951	3359633	0.73	cps
Thallium	203-1	92220	96482	93361	94021	2.35	cps
Thallium	205-1	227814	224672	224122	225536	0.88	cps
Tin	118-1	867	858	867	864	0.56	cps
Titanium	47-1	2300	2350	2184	2278	3.75	cps
Uranium	238-1	750	775	700	742	5.15	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3112-18	Instrumnet Name :	P8
Client Sample ID :	X3G78S	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 13:41:04	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	91661	89685	90983	90776	1.11	cps
Ytterbium	172-1	158	100	100	119	28.20	cps
Ytterbium	172-2	50	89	33	57	49.66	cps
Ytterbium	176-1	1750	1758	1592	1700	5.52	cps
Ytterbium	176-2	8703	9170	8998	8957	2.64	cps
Yttrium	89-1	9156284	10230488	10297279	9894684	6.47	cps
Yttrium	89-2	1122761	1113380	1116328	1117490	0.43	cps
Zinc	66-2	20321	20398	20121	20280	0.71	cps
Zirconium	90-1	7902	7669	7869	7814	1.62	cps
Zirconium	91-1	1442	1667	1617	1575	7.50	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P8
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 13:44:06	DataFile Name :	040CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1817955	1796114	1771637	1795235	1.29	cps
Antimony	121-1	1635456	1674398	1671469	1660441	1.31	cps
Arsenic	75-2	46645	46164	46118	46309	0.63	cps
Barium	135-1	2276523	2326096	2395374	2332664	2.56	cps
Barium	137-1	3932284	4032189	4049613	4004695	1.58	cps
Beryllium	9-1	670088	680120	675116	675108	0.74	cps
Bismuth	209-1	4456132	4581296	4614131	4550520	1.83	cps
Bismuth	209-2	2392668	2373093	2382428	2382730	0.41	cps
Bromine	81-1	36223	36097	36064	36128	0.23	cps
Cadmium	108-1	38061	38533	38696	38430	0.86	cps
Cadmium	106-1	58885	61094	60751	60244	1.97	cps
Cadmium	111-1	431743	441222	440320	437762	1.20	cps
Calcium	43-1	3225753	3288170	3264566	3259496	0.97	cps
Calcium	44-1	51825998	51204030	52605953	51878660	1.35	cps
Carbon	12-1	2784323	2953028	2995871	2911074	3.84	cps
Carbon	12-2	40732	39345	40247	40108	1.75	cps
Chlorine	35-1	9652309	8964501	8329155	8981988	7.37	cps
Chlorine	35-2	52070	47813	46408	48763	6.05	cps
Chromium	52-2	514101	509442	506421	509988	0.76	cps
Cobalt	59-2	891750	871525	867964	877080	1.46	cps
Copper	63-2	7369102	7176042	7246065	7263736	1.35	cps
Dysprosium	156-1	567	633	583	594	5.84	cps
Dysprosium	156-2	323	243	257	274	15.62	cps
Erbium	164-1	92	150	75	106	37.31	cps
Erbium	164-2	77	63	57	66	15.54	cps
Gadolinium	160-1	592	575	533	567	5.30	cps
Gadolinium	160-2	387	300	340	342	12.67	cps
Holmium	165-1	7210814	7336543	7378959	7308772	1.20	cps
Holmium	165-2	3485777	3354721	3448871	3429790	1.97	cps
Indium	115-1	5129207	5236193	5206421	5190607	1.06	cps
Indium	115-2	815745	816423	823605	818591	0.53	cps
Iron	54-2	6083711	5904858	5861221	5949930	1.98	cps
Iron	56-2	107062111	106315294	105917775	106431726	0.55	cps
Iron	57-2	2828589	2724865	2746599	2766684	1.98	cps
Krypton	83-1	254	219	252	242	8.21	cps
Lead	206-1	8310564	8607146	8505484	8474398	1.78	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P8
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 13:44:06	DataFile Name :	040CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	7170586	7259455	7358010	7262683	1.29	cps
Lead	208-1	33284614	33648105	33803350	33578690	0.79	cps
Lithium	6-1	2810074	2824576	2836084	2823578	0.46	cps
Magnesium	24-2	23672344	23298089	23130880	23367105	1.19	cps
Manganese	55-2	2995334	2907382	2926752	2943156	1.57	cps
Molybdenum	94-1	6913307	6876365	6882068	6890580	0.29	cps
Molybdenum	95-1	9840599	10073059	10118958	10010872	1.49	cps
Molybdenum	96-1	10795554	11171141	11331799	11099498	2.48	cps
Molybdenum	97-1	6174729	6241056	6273180	6229655	0.81	cps
Molybdenum	98-1	15895014	16000033	16084550	15993199	0.59	cps
Neodymium	150-1	513	653	540	569	13.07	cps
Neodymium	150-2	67	63	43	58	21.85	cps
Nickel	60-2	238070	233385	233370	234941	1.15	cps
Phosphorus	31-2	19013	19046	18395	18818	1.95	cps
Potassium	39-2	8065665	7869864	7930982	7955504	1.26	cps
Rhodium	103-1	4709909	4707273	4866895	4761359	1.92	cps
Rhodium	103-2	2251596	2225908	2223294	2233599	0.70	cps
Scandium	45-1	3754608	3840725	3893776	3829703	1.83	cps
Scandium	45-2	122749	121364	122575	122229	0.62	cps
Selenium	82-1	34730	35355	34794	34960	0.98	cps
Selenium	77-2	1153	1180	1083	1139	4.38	cps
Selenium	78-2	3973	3959	3868	3933	1.45	cps
Silicon	28-1	31778010	32755141	32291760	32274971	1.51	cps
Silver	107-1	2305372	2328633	2340023	2324676	0.76	cps
Silver	109-1	2210902	2219219	2267403	2232508	1.37	cps
Sodium	23-2	43186603	42518294	42432061	42712319	0.97	cps
Strontium	86-1	15121520	15344470	15270017	15245336	0.74	cps
Strontium	88-1	131378124	132523074	131468245	131789814	0.48	cps
Sulfur	34-1	659523	662674	651468	657889	0.88	cps
Terbium	159-1	7306115	7433151	7474692	7404653	1.19	cps
Terbium	159-2	3435182	3279084	3320636	3344968	2.42	cps
Thallium	203-1	2030590	2053709	2069057	2051118	0.94	cps
Thallium	205-1	4832162	4937997	4826471	4865543	1.29	cps
Tin	118-1	1488262	1588344	1544072	1540226	3.26	cps
Titanium	47-1	2990153	2997288	3061590	3016343	1.30	cps
Uranium	238-1	6798528	6737954	6902446	6812976	1.22	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P8
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 13:44:06	DataFile Name :	040CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	408749	406331	401165	405415	0.96	cps
Ytterbium	172-1	125	167	150	147	14.25	cps
Ytterbium	172-2	72	94	89	85	13.58	cps
Ytterbium	176-1	10204	10404	9962	10190	2.17	cps
Ytterbium	176-2	12345	12984	12812	12714	2.60	cps
Yttrium	89-1	9757702	9970527	10058946	9929058	1.56	cps
Yttrium	89-2	1116896	1111679	1099075	1109217	0.83	cps
Zinc	66-2	841707	832410	827417	833845	0.87	cps
Zirconium	90-1	3436862	3459320	3477786	3457989	0.59	cps
Zirconium	91-1	744953	748612	761398	751654	1.15	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P8
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 13:51:44	DataFile Name :	041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	82	56	81	73	20.20	cps
Antimony	121-1	283	300	300	294	3.27	cps
Arsenic	75-2	9	2	4	5	72.11	cps
Barium	135-1	133	108	50	97	43.99	cps
Barium	137-1	175	267	167	203	27.36	cps
Beryllium	9-1	257	240	274	257	6.57	cps
Bismuth	209-1	4808365	4729679	4842881	4793641	1.21	cps
Bismuth	209-2	1997860	2475628	2436801	2303430	11.52	cps
Bromine	81-1	35939	35120	35588	35549	1.16	cps
Cadmium	108-1	29	21	29	26	18.25	cps
Cadmium	106-1	5476	5301	5593	5457	2.69	cps
Cadmium	111-1	1946	1878	1991	1939	2.93	cps
Calcium	43-1	257	252	199	236	13.79	cps
Calcium	44-1	14318	13933	13267	13839	3.84	cps
Carbon	12-1	2166956	2145766	2179946	2164222	0.80	cps
Carbon	12-2	26307	25681	25706	25898	1.37	cps
Chlorine	35-1	2133972	2121504	2067477	2107651	1.68	cps
Chlorine	35-2	13515	13156	13006	13226	1.98	cps
Chromium	52-2	1267	1093	1143	1168	7.64	cps
Cobalt	59-2	97	70	93	87	16.77	cps
Copper	63-2	1083	1097	1043	1074	2.58	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	83	67	25	58	51.51	cps
Erbium	164-2	23	23	17	21	18.21	cps
Gadolinium	160-1	75	67	92	78	16.37	cps
Gadolinium	160-2	110	140	120	123	12.39	cps
Holmium	165-1	6942446	7033627	7106936	7027670	1.17	cps
Holmium	165-2	2603896	3263342	3264395	3043878	12.52	cps
Indium	115-1	5369924	5431577	5406135	5402545	0.57	cps
Indium	115-2	636528	827878	819212	761206	14.20	cps
Iron	54-2	761	833	739	778	6.35	cps
Iron	56-2	7013	7652	7280	7315	4.39	cps
Iron	57-2	261	222	294	259	13.94	cps
Krypton	83-1	215	206	220	214	3.26	cps
Lead	206-1	1245	1195	1072	1170	7.57	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P8
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 13:51:44	DataFile Name :	041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1145	978	972	1032	9.49	cps
Lead	208-1	5012	4645	4412	4689	6.45	cps
Lithium	6-1	2750895	2745668	2750019	2748861	0.10	cps
Magnesium	24-2	975	725	1142	947	22.14	cps
Manganese	55-2	167	170	147	161	7.83	cps
Molybdenum	94-1	533	475	308	439	26.60	cps
Molybdenum	95-1	642	650	400	564	25.18	cps
Molybdenum	96-1	708	633	708	683	6.34	cps
Molybdenum	97-1	342	358	317	339	6.19	cps
Molybdenum	98-1	917	825	692	811	13.95	cps
Neodymium	150-1	13	7	0	7	99.98	cps
Neodymium	150-2	0	10	3	4	114.60	cps
Nickel	60-2	203	217	160	193	15.33	cps
Phosphorus	31-2	167	225	242	211	18.65	cps
Potassium	39-2	26717	26976	26082	26592	1.73	cps
Rhodium	103-1	4938627	4984685	5071154	4998155	1.35	cps
Rhodium	103-2	1790924	2294425	2317439	2134263	13.94	cps
Scandium	45-1	3744082	3760573	3695774	3733476	0.90	cps
Scandium	45-2	90119	115127	115322	106856	13.56	cps
Selenium	82-1	12	21	-19	5	421.01	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	25	23	21	23	8.70	cps
Silicon	28-1	760237	759052	753094	757461	0.51	cps
Silver	107-1	217	150	142	169	24.26	cps
Silver	109-1	125	58	67	83	43.58	cps
Sodium	23-2	27543	27719	27176	27479	1.01	cps
Strontium	86-1	1175	1167	858	1067	16.92	cps
Strontium	88-1	6060	5302	4434	5265	15.45	cps
Sulfur	34-1	400272	402759	411956	404996	1.52	cps
Terbium	159-1	7155343	7212406	7118281	7162010	0.66	cps
Terbium	159-2	2558334	3257149	3214667	3010050	13.02	cps
Thallium	203-1	567	442	408	472	17.68	cps
Thallium	205-1	950	1033	1158	1047	10.01	cps
Tin	118-1	458	450	517	475	7.65	cps
Titanium	47-1	208	308	208	242	23.89	cps
Uranium	238-1	358	167	275	267	36.04	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P8
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 13:51:44	DataFile Name :	041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	27	23	13	21	32.88	cps
Ytterbium	172-1	33	92	42	56	56.79	cps
Ytterbium	172-2	11	33	17	20	56.76	cps
Ytterbium	176-1	1492	1658	1784	1645	8.90	cps
Ytterbium	176-2	7047	8709	8809	8188	12.09	cps
Yttrium	89-1	9688460	9955988	9679480	9774643	1.61	cps
Yttrium	89-2	821415	1064446	1080126	988662	14.67	cps
Zinc	66-2	77	123	83	94	26.73	cps
Zirconium	90-1	458	500	467	475	4.64	cps
Zirconium	91-1	92	100	58	83	26.45	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 13:55:43	DataFile Name :	042LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	757	717	612	696	10.76	cps
Antimony	121-1	6077	6010	6127	6071	0.96	cps
Arsenic	75-2	94	83	86	88	6.49	cps
Barium	135-1	8044	8019	7928	7997	0.77	cps
Barium	137-1	13432	13149	14283	13621	4.33	cps
Beryllium	9-1	1600	1541	1495	1545	3.41	cps
Bismuth	209-1	4644444	4836079	4805257	4761927	2.16	cps
Bismuth	209-2	2380978	2538432	2495828	2471746	3.29	cps
Bromine	81-1	35371	35897	36356	35875	1.37	cps
Cadmium	108-1	92	108	92	97	9.90	cps
Cadmium	106-1	5951	5518	5851	5774	3.93	cps
Cadmium	111-1	2869	2839	2913	2874	1.30	cps
Calcium	43-1	5482	5594	5553	5543	1.03	cps
Calcium	44-1	101953	102512	101964	102143	0.31	cps
Carbon	12-1	2197996	2193839	2185746	2192527	0.28	cps
Carbon	12-2	26975	25998	26908	26627	2.05	cps
Chlorine	35-1	1526261	1487350	1479976	1497862	1.66	cps
Chlorine	35-2	10129	9753	9420	9767	3.63	cps
Chromium	52-2	3204	2924	2994	3040	4.79	cps
Cobalt	59-2	1897	1640	1593	1710	9.55	cps
Copper	63-2	3757	3490	3557	3602	3.85	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	0	7	7	4	86.60	cps
Erbium	164-1	25	42	108	58	75.59	cps
Erbium	164-2	20	27	40	29	35.25	cps
Gadolinium	160-1	58	100	83	81	26.04	cps
Gadolinium	160-2	110	117	97	108	9.45	cps
Holmium	165-1	6895707	7019229	6934288	6949741	0.91	cps
Holmium	165-2	3191414	3398480	3329267	3306387	3.19	cps
Indium	115-1	5202158	5267182	5356838	5275393	1.47	cps
Indium	115-2	789447	826888	822432	812922	2.52	cps
Iron	54-2	3089	3156	3000	3082	2.53	cps
Iron	56-2	50121	44258	45389	46589	6.68	cps
Iron	57-2	1250	1078	1089	1139	8.46	cps
Krypton	83-1	225	190	219	211	8.84	cps
Lead	206-1	3667	3917	3651	3745	3.99	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 13:55:43	DataFile Name :	042LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	3551	3162	3250	3321	6.14	cps
Lead	208-1	15081	14976	14787	14948	1.00	cps
Lithium	6-1	2653854	2703757	2670203	2675938	0.95	cps
Magnesium	24-2	44017	42521	43248	43262	1.73	cps
Manganese	55-2	863	593	657	704	20.04	cps
Molybdenum	94-1	7344	6577	7302	7074	6.10	cps
Molybdenum	95-1	8736	8661	8911	8770	1.46	cps
Molybdenum	96-1	9962	9412	9420	9598	3.29	cps
Molybdenum	97-1	5776	5701	5626	5701	1.32	cps
Molybdenum	98-1	13682	13565	13924	13724	1.33	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	0	7	3	3	100.05	cps
Nickel	60-2	720	660	740	707	5.89	cps
Phosphorus	31-2	242	150	350	247	40.50	cps
Potassium	39-2	53073	53148	55834	54018	2.91	cps
Rhodium	103-1	4956410	4977445	4910043	4947966	0.70	cps
Rhodium	103-2	2215532	2295510	2298416	2269819	2.07	cps
Scandium	45-1	3579525	3740222	3641671	3653806	2.22	cps
Scandium	45-2	113307	118766	117287	116453	2.42	cps
Selenium	82-1	354	355	312	340	7.10	cps
Selenium	77-2	13	20	20	18	21.66	cps
Selenium	78-2	70	65	75	70	7.14	cps
Silicon	28-1	801664	785602	793304	793523	1.01	cps
Silver	107-1	4651	4676	4101	4476	7.26	cps
Silver	109-1	3959	4518	4092	4190	6.96	cps
Sodium	23-2	100856	100109	99740	100235	0.57	cps
Strontium	86-1	2117	1583	1867	1856	14.38	cps
Strontium	88-1	14767	11497	10863	12375	16.93	cps
Sulfur	34-1	412273	412447	412252	412324	0.03	cps
Terbium	159-1	7022868	7160130	7099985	7094328	0.97	cps
Terbium	159-2	3095741	3298555	3166272	3186856	3.23	cps
Thallium	203-1	3976	3909	3684	3856	3.96	cps
Thallium	205-1	9053	9721	9604	9459	3.77	cps
Tin	118-1	14024	13465	13874	13788	2.10	cps
Titanium	47-1	2817	2484	2842	2714	7.37	cps
Uranium	238-1	11455	11322	11914	11564	2.69	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 13:55:43	DataFile Name :	042LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	3614	3764	3567	3648	2.82	cps
Ytterbium	172-1	33	58	42	44	28.65	cps
Ytterbium	172-2	22	28	17	22	25.00	cps
Ytterbium	176-1	1517	1650	1592	1586	4.21	cps
Ytterbium	176-2	8230	8942	9087	8753	5.24	cps
Yttrium	89-1	9670582	9680977	9859674	9737078	1.09	cps
Yttrium	89-2	1039825	1075355	1064549	1059910	1.72	cps
Zinc	66-2	447	457	487	463	4.49	cps
Zirconium	90-1	5985	6193	6152	6110	1.81	cps
Zirconium	91-1	1317	1258	1300	1292	2.33	cps

LB Number : LB125939 Operator : Jaswal
 Lab Sample ID : PB153375BL Instrumnet Name : P8
 Client Sample ID : PB153375BL Dilution Factor : 1
 Date & Time Acquired : 2023-06-13 13:58:44 DataFile Name : 043CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	34	46	34	38	19.02	cps
Antimony	121-1	92	92	58	81	23.89	cps
Arsenic	75-2	1	5	3	3	66.67	cps
Barium	135-1	83	33	33	50	57.75	cps
Barium	137-1	58	83	58	67	21.66	cps
Beryllium	9-1	227	165	171	188	18.32	cps
Bismuth	209-1	4470869	4634711	4700166	4601915	2.57	cps
Bismuth	209-2	2516470	2502567	2498556	2505864	0.38	cps
Bromine	81-1	36306	34076	35680	35354	3.25	cps
Cadmium	108-1	25	21	8	18	48.05	cps
Cadmium	106-1	5951	5618	5493	5687	4.17	cps
Cadmium	111-1	2082	1968	1954	2002	3.50	cps
Calcium	43-1	196	132	151	160	20.48	cps
Calcium	44-1	11857	11778	11364	11667	2.27	cps
Carbon	12-1	2156975	2173219	2214289	2181494	1.35	cps
Carbon	12-2	25631	25890	25831	25784	0.53	cps
Chlorine	35-1	1218346	1185810	1187508	1197221	1.53	cps
Chlorine	35-2	8294	7627	8036	7986	4.21	cps
Chromium	52-2	1223	1097	1087	1136	6.71	cps
Cobalt	59-2	93	43	67	68	36.91	cps
Copper	63-2	840	877	817	844	3.58	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	3	0	13	6	124.93	cps
Erbium	164-1	33	33	50	39	24.75	cps
Erbium	164-2	17	23	23	21	18.21	cps
Gadolinium	160-1	117	58	50	75	48.44	cps
Gadolinium	160-2	130	90	127	116	19.21	cps
Holmium	165-1	6552834	6910087	7269293	6910738	5.18	cps
Holmium	165-2	3344377	3342807	3292989	3326724	0.88	cps
Indium	115-1	5048216	5228296	5325313	5200608	2.70	cps
Indium	115-2	841116	834282	834592	836663	0.46	cps
Iron	54-2	656	650	517	607	12.95	cps
Iron	56-2	5696	5562	5190	5483	4.78	cps
Iron	57-2	161	156	217	178	19.01	cps
Krypton	83-1	226	212	159	199	17.91	cps
Lead	206-1	772	750	739	754	2.25	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	PB153375BL	Instrumnet Name :	P8
Client Sample ID :	PB153375BL	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 13:58:44	DataFile Name :	043CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	694	689	656	680	3.10	cps
Lead	208-1	3050	2978	2900	2976	2.52	cps
Lithium	6-1	2559087	2642648	2661073	2620936	2.07	cps
Magnesium	24-2	475	558	458	497	10.78	cps
Manganese	55-2	87	117	107	103	14.78	cps
Molybdenum	94-1	325	250	208	261	22.64	cps
Molybdenum	95-1	258	108	183	183	40.91	cps
Molybdenum	96-1	192	258	183	211	19.47	cps
Molybdenum	97-1	83	58	75	72	17.63	cps
Molybdenum	98-1	300	250	267	272	9.35	cps
Neodymium	150-1	20	0	7	9	114.55	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	173	223	187	194	13.32	cps
Phosphorus	31-2	217	192	225	211	8.22	cps
Potassium	39-2	26683	26224	26132	26347	1.12	cps
Rhodium	103-1	4723721	5063486	4978027	4921745	3.59	cps
Rhodium	103-2	2392371	2341980	2265896	2333416	2.73	cps
Scandium	45-1	3498643	3690989	3751619	3647083	3.62	cps
Scandium	45-2	118769	117634	116554	117653	0.94	cps
Selenium	82-1	-26	-15	61	7	713.65	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	32	27	25	28	12.88	cps
Silicon	28-1	756565	754050	750641	753752	0.39	cps
Silver	107-1	50	108	142	100	46.40	cps
Silver	109-1	92	92	133	106	22.79	cps
Sodium	23-2	23044	23753	23344	23380	1.52	cps
Strontium	86-1	450	350	367	389	13.78	cps
Strontium	88-1	1208	717	983	970	25.39	cps
Sulfur	34-1	416652	416468	410331	414484	0.87	cps
Terbium	159-1	6879929	7144972	7131445	7052115	2.12	cps
Terbium	159-2	3358812	3246857	3208225	3271298	2.39	cps
Thallium	203-1	350	275	392	339	17.45	cps
Thallium	205-1	825	925	792	847	8.19	cps
Tin	118-1	458	392	483	444	10.66	cps
Titanium	47-1	117	83	92	97	17.84	cps
Uranium	238-1	33	67	25	42	52.92	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	PB153375BL	Instrumnet Name :	P8
Client Sample ID :	PB153375BL	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 13:58:44	DataFile Name :	043CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	7	7	20	11	69.25	cps
Ytterbium	172-1	58	8	42	36	70.51	cps
Ytterbium	172-2	44	28	22	31	36.74	cps
Ytterbium	176-1	1825	1834	1617	1758	6.98	cps
Ytterbium	176-2	8547	9075	9126	8916	3.59	cps
Yttrium	89-1	9361510	9760482	9806665	9642885	2.54	cps
Yttrium	89-2	1091716	1085325	1083748	1086930	0.39	cps
Zinc	66-2	73	90	80	81	10.34	cps
Zirconium	90-1	342	367	458	389	15.80	cps
Zirconium	91-1	50	83	58	64	27.15	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	PB153375BS	Instrumnet Name :	P8
Client Sample ID :	PB153375BS	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 14:01:48	DataFile Name :	044LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	345398	340041	343043	342827	0.78	cps
Antimony	121-1	1656014	1640092	1652429	1649512	0.51	cps
Arsenic	75-2	44127	44596	44616	44447	0.62	cps
Barium	135-1	2211777	2206383	2186764	2201641	0.60	cps
Barium	137-1	3772847	3806488	3814045	3797793	0.58	cps
Beryllium	9-1	658416	665505	660504	661475	0.55	cps
Bismuth	209-1	4612274	4890902	4728408	4743861	2.95	cps
Bismuth	209-2	2470961	2469285	2461409	2467218	0.21	cps
Bromine	81-1	35245	34151	34001	34465	1.97	cps
Cadmium	108-1	38541	38006	37451	38000	1.43	cps
Cadmium	106-1	59965	60708	60458	60377	0.63	cps
Cadmium	111-1	442012	441841	447219	443691	0.69	cps
Calcium	43-1	659148	660894	662039	660694	0.22	cps
Calcium	44-1	10642451	10417646	10331580	10463892	1.53	cps
Carbon	12-1	2577061	2720176	2716874	2671370	3.06	cps
Carbon	12-2	33296	34115	33205	33539	1.49	cps
Chlorine	35-1	1020681	1018132	1005904	1014906	0.78	cps
Chlorine	35-2	6727	6543	6518	6596	1.73	cps
Chromium	52-2	475609	476127	483483	478406	0.92	cps
Cobalt	59-2	837733	830139	842589	836820	0.75	cps
Copper	63-2	6854472	6796924	6919178	6856858	0.89	cps
Dysprosium	156-1	125	192	158	158	21.05	cps
Dysprosium	156-2	47	63	90	67	32.79	cps
Erbium	164-1	42	92	158	97	60.20	cps
Erbium	164-2	40	40	43	41	4.68	cps
Gadolinium	160-1	150	267	167	194	32.45	cps
Gadolinium	160-2	187	187	200	191	4.03	cps
Holmium	165-1	7119525	7113828	7199256	7144203	0.67	cps
Holmium	165-2	3361260	3356790	3370163	3362738	0.20	cps
Indium	115-1	5338533	5366622	5310789	5338648	0.52	cps
Indium	115-2	819549	813564	812403	815172	0.47	cps
Iron	54-2	1140249	1144310	1144768	1143109	0.22	cps
Iron	56-2	21480512	21200073	21511041	21397209	0.80	cps
Iron	57-2	514003	505535	511751	510430	0.86	cps
Krypton	83-1	192	229	217	213	8.71	cps
Lead	206-1	8141001	8513412	8312551	8322321	2.24	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	PB153375BS	Instrumnet Name :	P8
Client Sample ID :	PB153375BS	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 14:01:48	DataFile Name :	044LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	7131211	7288750	7144729	7188230	1.21	cps
Lead	208-1	32410110	33360207	32535239	32768519	1.58	cps
Lithium	6-1	2739460	2775539	2793725	2769575	1.00	cps
Magnesium	24-2	4656656	4601756	4625202	4627871	0.60	cps
Manganese	55-2	2853777	2796507	2812084	2820789	1.05	cps
Molybdenum	94-1	6385614	6603016	6631292	6539974	2.06	cps
Molybdenum	95-1	9420048	9469813	9488743	9459535	0.38	cps
Molybdenum	96-1	10453324	10255891	10412078	10373765	1.00	cps
Molybdenum	97-1	5872380	5843506	5989398	5901761	1.31	cps
Molybdenum	98-1	15030422	15205923	15291822	15176056	0.88	cps
Neodymium	150-1	560	560	613	578	5.33	cps
Neodymium	150-2	30	40	23	31	26.97	cps
Nickel	60-2	225764	228223	227213	227067	0.54	cps
Phosphorus	31-2	17453	17236	17978	17555	2.18	cps
Potassium	39-2	1590404	1592308	1590329	1591014	0.07	cps
Rhodium	103-1	4844798	4920570	5055579	4940315	2.16	cps
Rhodium	103-2	2226269	2273667	2226654	2242197	1.22	cps
Scandium	45-1	3837623	3824052	3813610	3825095	0.31	cps
Scandium	45-2	119797	119354	119690	119614	0.19	cps
Selenium	82-1	35073	35765	35316	35385	0.99	cps
Selenium	77-2	1120	1100	1230	1150	6.09	cps
Selenium	78-2	3852	3929	3805	3862	1.62	cps
Silicon	28-1	26984178	27700285	27175289	27286584	1.36	cps
Silver	107-1	2342703	2348373	2342383	2344486	0.14	cps
Silver	109-1	2256202	2203508	2175046	2211585	1.86	cps
Sodium	23-2	8284976	8220534	8387136	8297549	1.01	cps
Strontium	86-1	14513990	14549401	14252162	14438518	1.12	cps
Strontium	88-1	126017428	125972219	122783032	124924226	1.48	cps
Sulfur	34-1	642626	634367	631900	636298	0.88	cps
Terbium	159-1	7206948	7462199	7323087	7330745	1.74	cps
Terbium	159-2	3296493	3251839	3318848	3289060	1.04	cps
Thallium	203-1	1975325	2067829	1948109	1997088	3.14	cps
Thallium	205-1	4631508	4732400	4697760	4687223	1.09	cps
Tin	118-1	1486472	1464191	1456723	1469129	1.05	cps
Titanium	47-1	2908899	2826243	2884441	2873194	1.48	cps
Uranium	238-1	6347613	6434769	6463690	6415357	0.94	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	PB153375BS	Instrumnet Name :	P8
Client Sample ID :	PB153375BS	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 14:01:48	DataFile Name :	044LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	376143	377388	377289	376940	0.18	cps
Ytterbium	172-1	133	183	125	147	21.43	cps
Ytterbium	172-2	56	78	72	69	16.88	cps
Ytterbium	176-1	9320	9145	9220	9228	0.95	cps
Ytterbium	176-2	12868	12578	12667	12704	1.17	cps
Yttrium	89-1	10114290	10000641	9715516	9943482	2.07	cps
Yttrium	89-2	1084954	1069984	1078093	1077677	0.70	cps
Zinc	66-2	808478	810795	807296	808857	0.22	cps
Zirconium	90-1	3272453	3289684	3192268	3251468	1.60	cps
Zirconium	91-1	698241	715507	711203	708317	1.27	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	PB153375TB	Instrumnet Name :	P8
Client Sample ID :	PB153375TB	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 14:08:40	DataFile Name :	045AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	35	46	54	45	20.96	cps
Antimony	121-1	183	283	275	247	22.44	cps
Arsenic	75-2	1	9	4	5	86.60	cps
Barium	135-1	67	125	42	78	54.98	cps
Barium	137-1	167	200	50	139	56.71	cps
Beryllium	9-1	270	317	284	290	8.42	cps
Bismuth	209-1	4739588	4658966	4700342	4699632	0.86	cps
Bismuth	209-2	2444583	2471769	2504963	2473771	1.22	cps
Bromine	81-1	33532	33909	35713	34385	3.39	cps
Cadmium	108-1	25	17	4	15	68.61	cps
Cadmium	106-1	5976	5401	5009	5462	8.90	cps
Cadmium	111-1	2128	1904	1784	1939	9.03	cps
Calcium	43-1	139	139	131	136	3.18	cps
Calcium	44-1	12042	11901	11713	11886	1.39	cps
Carbon	12-1	2137729	2136005	2155478	2143071	0.50	cps
Carbon	12-2	26859	25832	25648	26113	2.50	cps
Chlorine	35-1	733094	729287	722362	728248	0.75	cps
Chlorine	35-2	5068	4818	4392	4759	7.17	cps
Chromium	52-2	1047	1107	1090	1081	2.86	cps
Cobalt	59-2	53	70	90	71	25.82	cps
Copper	63-2	880	1030	1050	987	9.42	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	50	42	67	53	24.12	cps
Erbium	164-2	23	13	20	19	26.96	cps
Gadolinium	160-1	67	50	50	56	17.32	cps
Gadolinium	160-2	73	107	117	99	22.95	cps
Holmium	165-1	6913885	6970825	6942663	6942458	0.41	cps
Holmium	165-2	3283772	3279246	3346815	3303278	1.14	cps
Indium	115-1	5137776	5277121	5232423	5215773	1.36	cps
Indium	115-2	808462	813465	822166	814698	0.85	cps
Iron	54-2	706	689	650	682	4.18	cps
Iron	56-2	4751	5251	5451	5151	7.00	cps
Iron	57-2	172	228	161	187	19.09	cps
Krypton	83-1	194	195	205	198	3.12	cps
Lead	206-1	806	756	650	737	10.78	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	PB153375TB	Instrumnet Name :	P8
Client Sample ID :	PB153375TB	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 14:08:40	DataFile Name :	045AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	733	589	728	683	11.98	cps
Lead	208-1	3311	2972	2984	3089	6.23	cps
Lithium	6-1	2684622	2664642	2626330	2658531	1.11	cps
Magnesium	24-2	417	417	542	458	15.75	cps
Manganese	55-2	203	227	160	197	17.20	cps
Molybdenum	94-1	333	375	333	347	6.93	cps
Molybdenum	95-1	700	375	275	450	49.38	cps
Molybdenum	96-1	675	483	350	503	32.49	cps
Molybdenum	97-1	217	242	158	206	20.80	cps
Molybdenum	98-1	792	608	667	689	13.60	cps
Neodymium	150-1	7	0	20	9	114.55	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	153	153	143	150	3.85	cps
Phosphorus	31-2	158	217	217	197	17.08	cps
Potassium	39-2	25406	26650	26300	26119	2.46	cps
Rhodium	103-1	4901212	4921083	4784602	4868966	1.51	cps
Rhodium	103-2	2294163	2247824	2288527	2276838	1.11	cps
Scandium	45-1	3578585	3579399	3600760	3586248	0.35	cps
Scandium	45-2	115012	114589	114643	114748	0.20	cps
Selenium	82-1	13	8	9	10	27.15	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	33	25	24	27	18.05	cps
Silicon	28-1	779992	773960	761946	771966	1.19	cps
Silver	107-1	158	125	125	136	14.14	cps
Silver	109-1	58	50	67	58	14.29	cps
Sodium	23-2	22727	22551	22142	22473	1.33	cps
Strontium	86-1	800	642	617	686	14.49	cps
Strontium	88-1	4159	3134	2084	3126	33.21	cps
Sulfur	34-1	395161	395192	393681	394678	0.22	cps
Terbium	159-1	7063285	7025569	7014545	7034466	0.36	cps
Terbium	159-2	3210981	3209740	3242569	3221096	0.58	cps
Thallium	203-1	442	350	442	411	12.87	cps
Thallium	205-1	917	967	1075	986	8.21	cps
Tin	118-1	492	408	342	414	18.16	cps
Titanium	47-1	242	158	142	181	29.67	cps
Uranium	238-1	233	167	83	161	46.65	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	PB153375TB	Instrumnet Name :	P8
Client Sample ID :	PB153375TB	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 14:08:40	DataFile Name :	045AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	20	13	37	23	51.52	cps
Ytterbium	172-1	33	92	33	53	63.82	cps
Ytterbium	172-2	44	22	17	28	52.92	cps
Ytterbium	176-1	1417	1567	1408	1464	6.09	cps
Ytterbium	176-2	8142	9020	8419	8527	5.27	cps
Yttrium	89-1	9453827	9803425	9667013	9641422	1.83	cps
Yttrium	89-2	1054210	1057977	1060088	1057425	0.28	cps
Zinc	66-2	73	107	107	96	20.14	cps
Zirconium	90-1	458	433	500	464	7.26	cps
Zirconium	91-1	50	75	100	75	33.33	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3108-01DLX5	Instrumnet Name :	P8
Client Sample ID :	OU3-FC-BACKFILL-01RI	Dilution Factor :	5
Date & Time Acquired :	2023-06-13 14:17:36	DataFile Name :	046AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	550711	541006	541742	544487	0.99	cps
Antimony	121-1	142	183	167	164	12.80	cps
Arsenic	75-2	79	78	75	77	2.69	cps
Barium	135-1	23554	24055	24139	23916	1.32	cps
Barium	137-1	40988	40804	40837	40876	0.24	cps
Beryllium	9-1	367	386	365	373	3.11	cps
Bismuth	209-1	4668465	4427382	4598945	4564930	2.72	cps
Bismuth	209-2	2533229	2380879	2511884	2475331	3.33	cps
Bromine	81-1	34418	34677	37109	35401	4.19	cps
Cadmium	108-1	33	67	29	43	47.74	cps
Cadmium	106-1	5301	5676	5184	5387	4.77	cps
Cadmium	111-1	1899	2032	1877	1936	4.32	cps
Calcium	43-1	556184	563240	572173	563866	1.42	cps
Calcium	44-1	9260779	9354925	9060639	9225448	1.63	cps
Carbon	12-1	2393568	2520805	2589401	2501258	3.97	cps
Carbon	12-2	32044	31543	32754	32113	1.90	cps
Chlorine	35-1	570522	572721	567460	570235	0.46	cps
Chlorine	35-2	3584	3959	3917	3820	5.38	cps
Chromium	52-2	4534	4751	4557	4614	2.58	cps
Cobalt	59-2	55263	54872	54182	54773	1.00	cps
Copper	63-2	114332	114508	114517	114452	0.09	cps
Dysprosium	156-1	19490	20466	20474	20143	2.81	cps
Dysprosium	156-2	8680	8920	9140	8913	2.58	cps
Erbium	164-1	21034	21793	21877	21568	2.15	cps
Erbium	164-2	10217	10217	10431	10289	1.20	cps
Gadolinium	160-1	18939	19557	20324	19607	3.54	cps
Gadolinium	160-2	9874	9964	9974	9937	0.55	cps
Holmium	165-1	6690573	6726803	6838803	6752060	1.14	cps
Holmium	165-2	3417636	3431212	3403412	3417420	0.41	cps
Indium	115-1	5153103	5198547	5222956	5191536	0.68	cps
Indium	115-2	829164	825060	820873	825032	0.50	cps
Iron	54-2	1978276	1955219	1973390	1968962	0.62	cps
Iron	56-2	35116251	34964831	34609863	34896982	0.74	cps
Iron	57-2	840090	845320	843693	843034	0.32	cps
Krypton	83-1	232	259	257	250	5.93	cps
Lead	206-1	5235	5523	5257	5338	3.01	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3108-01DLX5	Instrumnet Name :	P8
Client Sample ID :	OU3-FC-BACKFILL-01RI	Dilution Factor :	5
Date & Time Acquired :	2023-06-13 14:17:36	DataFile Name :	046AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	4362	4245	4206	4271	1.90	cps
Lead	208-1	20801	20707	20679	20729	0.31	cps
Lithium	6-1	2548204	2556676	2556969	2553950	0.19	cps
Magnesium	24-2	1341787	1336462	1318941	1332397	0.90	cps
Manganese	55-2	520719	519056	522689	520821	0.35	cps
Molybdenum	94-1	417	550	450	472	14.70	cps
Molybdenum	95-1	292	325	275	297	8.57	cps
Molybdenum	96-1	692	758	642	697	8.39	cps
Molybdenum	97-1	175	192	108	158	27.85	cps
Molybdenum	98-1	475	458	350	428	15.87	cps
Neodymium	150-1	19107	20302	19962	19790	3.11	cps
Neodymium	150-2	7112	7172	7115	7133	0.47	cps
Nickel	60-2	9136	9043	8963	9047	0.96	cps
Phosphorus	31-2	925	700	817	814	13.83	cps
Potassium	39-2	59313	59155	60001	59490	0.76	cps
Rhodium	103-1	4772433	4677115	4749481	4733010	1.05	cps
Rhodium	103-2	2336136	2266683	2287827	2296882	1.55	cps
Scandium	45-1	3664519	3575764	3593644	3611309	1.30	cps
Scandium	45-2	118289	115785	118809	117628	1.37	cps
Selenium	82-1	35	41	28	35	19.91	cps
Selenium	77-2	30	30	27	29	6.65	cps
Selenium	78-2	50	55	59	55	8.25	cps
Silicon	28-1	28171694	29004656	28593113	28589821	1.46	cps
Silver	107-1	108	125	100	111	11.46	cps
Silver	109-1	92	42	75	69	36.66	cps
Sodium	23-2	1589950	1554419	1560036	1568135	1.22	cps
Strontium	86-1	132658	137961	139921	136847	2.75	cps
Strontium	88-1	1152669	1202225	1192085	1182326	2.21	cps
Sulfur	34-1	2170131	2200699	2170478	2180436	0.80	cps
Terbium	159-1	6785332	6945569	6808868	6846590	1.26	cps
Terbium	159-2	3282807	3305800	3265489	3284699	0.62	cps
Thallium	203-1	492	550	492	511	6.59	cps
Thallium	205-1	1150	1050	1067	1089	4.92	cps
Tin	118-1	633	483	583	567	13.48	cps
Titanium	47-1	1342	1417	1458	1406	4.21	cps
Uranium	238-1	15126	14425	16044	15198	5.34	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3108-01DLX5	Instrumnet Name :	P8
Client Sample ID :	OU3-FC-BACKFILL-01RI	Dilution Factor :	5
Date & Time Acquired :	2023-06-13 14:17:36	DataFile Name :	046AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	45800	45278	45987	45688	0.80	cps
Ytterbium	172-1	7194	7644	7702	7513	3.70	cps
Ytterbium	172-2	4006	4134	3767	3969	4.69	cps
Ytterbium	176-1	6060	5876	6360	6099	4.00	cps
Ytterbium	176-2	12134	11450	12111	11898	3.27	cps
Yttrium	89-1	9735449	9733525	9683526	9717500	0.30	cps
Yttrium	89-2	1112626	1123112	1121066	1118935	0.50	cps
Zinc	66-2	31335	30760	30763	30953	1.07	cps
Zirconium	90-1	950	908	1200	1020	15.47	cps
Zirconium	91-1	283	242	217	247	13.62	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3108-02DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	OU3-FC-BACKFILL-02RI	Dilution Factor :	5
Date & Time Acquired :	2023-06-13 14:36:32	DataFile Name :	052AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	533247	531762	523878	529629	0.95	cps
Antimony	121-1	42	58	83	61	34.32	cps
Arsenic	75-2	69	73	87	76	12.38	cps
Barium	135-1	23922	24180	24540	24214	1.28	cps
Barium	137-1	42200	42082	41991	42091	0.25	cps
Beryllium	9-1	337	336	339	337	0.37	cps
Bismuth	209-1	4346096	4632581	4689162	4555946	4.04	cps
Bismuth	209-2	2530272	2571992	2570404	2557556	0.92	cps
Bromine	81-1	36632	37877	36131	36880	2.44	cps
Cadmium	108-1	25	42	33	33	25.01	cps
Cadmium	106-1	5476	5176	5985	5546	7.37	cps
Cadmium	111-1	1987	1891	2188	2022	7.50	cps
Calcium	43-1	656509	657165	657845	657173	0.10	cps
Calcium	44-1	10571671	10877324	10926034	10791676	1.78	cps
Carbon	12-1	2468941	2597267	2701654	2589287	4.50	cps
Carbon	12-2	32319	33422	32862	32868	1.68	cps
Chlorine	35-1	421068	418735	416970	418924	0.49	cps
Chlorine	35-2	2484	2617	2825	2642	6.52	cps
Chromium	52-2	3981	4274	4264	4173	3.99	cps
Cobalt	59-2	60364	60354	61291	60670	0.89	cps
Copper	63-2	126904	127049	125112	126355	0.85	cps
Dysprosium	156-1	20441	19414	20441	20099	2.95	cps
Dysprosium	156-2	8670	8736	8463	8623	1.65	cps
Erbium	164-1	22553	22670	22703	22642	0.35	cps
Erbium	164-2	10284	9964	10147	10132	1.59	cps
Gadolinium	160-1	19164	19056	19106	19109	0.28	cps
Gadolinium	160-2	9707	10164	9934	9935	2.30	cps
Holmium	165-1	6620248	6971965	7245272	6945828	4.51	cps
Holmium	165-2	3529555	3481843	3445232	3485543	1.21	cps
Indium	115-1	4963809	5127168	5463860	5184946	4.92	cps
Indium	115-2	855604	856290	856415	856103	0.05	cps
Iron	54-2	1780991	1849096	1774436	1801508	2.29	cps
Iron	56-2	32205674	31923077	31519445	31882732	1.08	cps
Iron	57-2	775573	773167	773603	774114	0.17	cps
Krypton	83-1	234	251	250	245	3.99	cps
Lead	206-1	5368	5618	5551	5512	2.35	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3108-02DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	OU3-FC-BACKFILL-02RI	Dilution Factor :	5
Date & Time Acquired :	2023-06-13 14:36:32	DataFile Name :	052AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	4501	4473	4329	4434	2.09	cps
Lead	208-1	20579	21608	20918	21035	2.49	cps
Lithium	6-1	2549863	2714232	2750488	2671528	4.00	cps
Magnesium	24-2	1216928	1239812	1200441	1219061	1.62	cps
Manganese	55-2	596233	605679	592055	597989	1.17	cps
Molybdenum	94-1	517	458	375	450	15.82	cps
Molybdenum	95-1	208	125	242	192	31.35	cps
Molybdenum	96-1	475	517	433	475	8.77	cps
Molybdenum	97-1	92	150	17	86	77.62	cps
Molybdenum	98-1	167	217	250	211	19.87	cps
Neodymium	150-1	19361	19682	19288	19443	1.08	cps
Neodymium	150-2	6765	7155	6959	6960	2.80	cps
Nickel	60-2	9316	9073	9020	9136	1.73	cps
Phosphorus	31-2	600	617	608	608	1.37	cps
Potassium	39-2	62335	62026	62217	62193	0.25	cps
Rhodium	103-1	4589671	4877113	4951926	4806237	3.98	cps
Rhodium	103-2	2366512	2404907	2365994	2379138	0.94	cps
Scandium	45-1	3516313	3665586	3799280	3660393	3.87	cps
Scandium	45-2	123318	121505	121260	122028	0.92	cps
Selenium	82-1	74	31	39	48	47.34	cps
Selenium	77-2	37	43	23	34	29.57	cps
Selenium	78-2	53	56	66	58	11.67	cps
Silicon	28-1	28996528	29229641	29122941	29116370	0.40	cps
Silver	107-1	133	100	108	114	15.23	cps
Silver	109-1	42	67	50	53	24.12	cps
Sodium	23-2	1472591	1473223	1471611	1472475	0.06	cps
Strontium	86-1	152376	157683	154277	154779	1.74	cps
Strontium	88-1	1352797	1426959	1329144	1369633	3.73	cps
Sulfur	34-1	2239803	2224585	2251170	2238519	0.60	cps
Terbium	159-1	6797209	7061018	7469089	7109105	4.76	cps
Terbium	159-2	3478687	3417737	3335363	3410596	2.11	cps
Thallium	203-1	383	350	458	397	13.97	cps
Thallium	205-1	900	792	825	839	6.61	cps
Tin	118-1	400	383	550	444	20.65	cps
Titanium	47-1	1283	1408	1192	1295	8.40	cps
Uranium	238-1	15343	16011	15360	15571	2.44	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3108-02DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	OU3-FC-BACKFILL-02RI	Dilution Factor :	5
Date & Time Acquired :	2023-06-13 14:36:32	DataFile Name :	052AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	38655	39357	38632	38882	1.06	cps
Ytterbium	172-1	7502	7878	8261	7880	4.81	cps
Ytterbium	172-2	4251	4340	4123	4238	2.57	cps
Ytterbium	176-1	5651	6252	6335	6079	6.14	cps
Ytterbium	176-2	12072	12434	11811	12106	2.58	cps
Yttrium	89-1	9772455	10177529	10354992	10101659	2.96	cps
Yttrium	89-2	1164189	1156812	1156393	1159131	0.38	cps
Zinc	66-2	32113	32430	32404	32316	0.54	cps
Zirconium	90-1	833	1075	992	967	12.70	cps
Zirconium	91-1	200	150	208	186	16.95	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3108-02DLX5	Instrumnet Name :	P8
Client Sample ID :	OU3-FC-BACKFILL-02RI	Dilution Factor :	5
Date & Time Acquired :	2023-06-13 14:39:29	DataFile Name :	053AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	531073	519774	523617	524821	1.09	cps
Antimony	121-1	50	42	75	56	31.22	cps
Arsenic	75-2	69	66	87	74	15.35	cps
Barium	135-1	22928	24431	24648	24003	3.90	cps
Barium	137-1	41983	42903	42609	42498	1.11	cps
Beryllium	9-1	300	289	299	296	2.08	cps
Bismuth	209-1	4743809	4863618	4868347	4825258	1.46	cps
Bismuth	209-2	2485764	2585188	2558696	2543216	2.02	cps
Bromine	81-1	37108	36298	37451	36953	1.60	cps
Cadmium	108-1	33	42	29	35	18.33	cps
Cadmium	106-1	6085	6168	5935	6063	1.95	cps
Cadmium	111-1	2219	2271	2144	2212	2.89	cps
Calcium	43-1	638603	648049	653480	646711	1.16	cps
Calcium	44-1	10555524	10857328	10684151	10699001	1.42	cps
Carbon	12-1	2546460	2646113	2727847	2640140	3.44	cps
Carbon	12-2	33514	33714	33639	33622	0.30	cps
Chlorine	35-1	392182	392581	397682	394148	0.78	cps
Chlorine	35-2	2950	2417	2692	2686	9.93	cps
Chromium	52-2	4001	3891	3894	3928	1.59	cps
Cobalt	59-2	60247	58148	59243	59213	1.77	cps
Copper	63-2	126369	126262	125942	126191	0.18	cps
Dysprosium	156-1	19114	20500	19915	19843	3.51	cps
Dysprosium	156-2	8696	8893	8746	8779	1.17	cps
Erbium	164-1	21818	22979	22503	22433	2.60	cps
Erbium	164-2	9850	10271	10171	10097	2.17	cps
Gadolinium	160-1	18605	18447	19198	18750	2.11	cps
Gadolinium	160-2	10387	9960	9874	10074	2.73	cps
Holmium	165-1	6937182	7412783	7334264	7228076	3.53	cps
Holmium	165-2	3474417	3464572	3446045	3461678	0.42	cps
Indium	115-1	5373058	5415288	5520431	5436259	1.40	cps
Indium	115-2	868126	851891	857883	859300	0.96	cps
Iron	54-2	1810389	1774570	1789291	1791417	1.00	cps
Iron	56-2	31655399	31330962	31923206	31636522	0.94	cps
Iron	57-2	774292	764693	762270	767085	0.83	cps
Krypton	83-1	240	234	245	240	2.35	cps
Lead	206-1	4662	5290	5412	5121	7.86	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3108-02DLX5	Instrumnet Name :	P8
Client Sample ID :	OU3-FC-BACKFILL-02RI	Dilution Factor :	5
Date & Time Acquired :	2023-06-13 14:39:29	DataFile Name :	053AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	4173	4406	4395	4325	3.04	cps
Lead	208-1	19301	20340	21107	20249	4.48	cps
Lithium	6-1	2723351	2783051	2790668	2765690	1.33	cps
Magnesium	24-2	1212631	1210336	1189803	1204257	1.04	cps
Manganese	55-2	599565	592322	586747	592878	1.08	cps
Molybdenum	94-1	325	367	375	356	7.54	cps
Molybdenum	95-1	192	150	83	142	38.57	cps
Molybdenum	96-1	550	492	583	542	8.57	cps
Molybdenum	97-1	100	108	58	89	30.14	cps
Molybdenum	98-1	125	158	183	156	18.82	cps
Neodymium	150-1	19441	20242	19989	19891	2.06	cps
Neodymium	150-2	7049	7052	6982	7027	0.56	cps
Nickel	60-2	9173	9133	8609	8972	3.51	cps
Phosphorus	31-2	633	533	558	575	9.05	cps
Potassium	39-2	60971	61113	60594	60893	0.44	cps
Rhodium	103-1	4888238	5055664	5053799	4999234	1.92	cps
Rhodium	103-2	2387628	2322167	2341123	2350306	1.43	cps
Scandium	45-1	3692560	3911221	3868331	3824038	3.03	cps
Scandium	45-2	122372	120567	119219	120719	1.31	cps
Selenium	82-1	31	68	38	45	42.67	cps
Selenium	77-2	17	27	37	27	37.50	cps
Selenium	78-2	67	71	47	62	20.86	cps
Silicon	28-1	28076448	28762326	28752529	28530434	1.38	cps
Silver	107-1	108	100	108	106	4.56	cps
Silver	109-1	42	33	42	39	12.38	cps
Sodium	23-2	1482231	1462779	1444270	1463094	1.30	cps
Strontium	86-1	152670	154429	156084	154394	1.11	cps
Strontium	88-1	1307537	1339634	1354821	1333997	1.81	cps
Sulfur	34-1	2175438	2211537	2182996	2189991	0.87	cps
Terbium	159-1	7007836	7547313	7387983	7314377	3.79	cps
Terbium	159-2	3431241	3372115	3355765	3386374	1.17	cps
Thallium	203-1	308	358	500	389	25.57	cps
Thallium	205-1	750	792	758	767	2.88	cps
Tin	118-1	467	517	608	531	13.54	cps
Titanium	47-1	1450	1367	1167	1328	10.97	cps
Uranium	238-1	14350	15418	15326	15032	3.94	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3108-02DLX5	Instrumnet Name :	P8
Client Sample ID :	OU3-FC-BACKFILL-02RI	Dilution Factor :	5
Date & Time Acquired :	2023-06-13 14:39:29	DataFile Name :	053AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	38438	38933	37920	38430	1.32	cps
Ytterbium	172-1	7719	7919	7602	7747	2.07	cps
Ytterbium	172-2	4362	3984	4106	4151	4.65	cps
Ytterbium	176-1	6260	6493	6660	6471	3.11	cps
Ytterbium	176-2	11722	11633	12095	11817	2.07	cps
Yttrium	89-1	10093797	10578836	10439957	10370863	2.41	cps
Yttrium	89-2	1167565	1148861	1149606	1155344	0.92	cps
Zinc	66-2	31879	31759	32404	32014	1.07	cps
Zirconium	90-1	1033	1083	900	1006	9.43	cps
Zirconium	91-1	258	175	208	214	19.61	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3108-02LDLX25	Instrumnet Name :	P8
Client Sample ID :	OU3-FC-BACKFILL-02RI	Dilution Factor :	25
Date & Time Acquired :	2023-06-13 14:42:29	DataFile Name :	054AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	117266	117033	114907	116402	1.12	cps
Antimony	121-1	42	42	42	42	0.00	cps
Arsenic	75-2	21	12	18	17	26.96	cps
Barium	135-1	5343	5585	5585	5504	2.54	cps
Barium	137-1	8945	8661	9062	8889	2.32	cps
Beryllium	9-1	167	162	159	163	2.69	cps
Bismuth	209-1	5087013	4843506	4711092	4880537	3.91	cps
Bismuth	209-2	2645249	2584636	2581719	2603868	1.38	cps
Bromine	81-1	35955	36858	37493	36769	2.10	cps
Cadmium	108-1	21	42	13	25	60.10	cps
Cadmium	106-1	6010	5510	5935	5818	4.64	cps
Cadmium	111-1	2106	1928	2123	2052	5.24	cps
Calcium	43-1	141607	143985	143832	143142	0.93	cps
Calcium	44-1	2376406	2409786	2399505	2395232	0.71	cps
Carbon	12-1	2401255	2441650	2415734	2419547	0.85	cps
Carbon	12-2	28194	28703	28236	28378	1.00	cps
Chlorine	35-1	379774	379412	376983	378723	0.40	cps
Chlorine	35-2	2609	2642	2425	2559	4.56	cps
Chromium	52-2	1413	1400	1320	1378	3.66	cps
Cobalt	59-2	13440	13153	13490	13361	1.36	cps
Copper	63-2	28709	28813	29080	28867	0.66	cps
Dysprosium	156-1	4076	4284	4159	4173	2.51	cps
Dysprosium	156-2	1910	1807	1880	1866	2.85	cps
Erbium	164-1	4701	5026	4843	4857	3.36	cps
Erbium	164-2	2200	2300	2270	2257	2.27	cps
Gadolinium	160-1	4067	4384	4284	4245	3.81	cps
Gadolinium	160-2	2457	2160	2270	2296	6.53	cps
Holmium	165-1	7327228	7171220	7235685	7244711	1.08	cps
Holmium	165-2	3537442	3429236	3410838	3459172	1.98	cps
Indium	115-1	5654804	5615655	5434385	5568282	2.11	cps
Indium	115-2	857665	860327	862357	860117	0.27	cps
Iron	54-2	380028	374400	375025	376484	0.82	cps
Iron	56-2	7173238	6908104	7004180	7028507	1.91	cps
Iron	57-2	171755	168326	173200	171094	1.46	cps
Krypton	83-1	225	197	234	219	8.65	cps
Lead	206-1	1650	1500	1489	1546	5.82	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3108-02LDLX25	Instrumnet Name :	P8
Client Sample ID :	OU3-FC-BACKFILL-02RI	Dilution Factor :	25
Date & Time Acquired :	2023-06-13 14:42:29	DataFile Name :	054AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1239	1439	1211	1296	9.59	cps
Lead	208-1	6006	6051	5806	5954	2.19	cps
Lithium	6-1	2802906	2731864	2781340	2772037	1.31	cps
Magnesium	24-2	261882	266066	256421	261457	1.85	cps
Manganese	55-2	133541	131630	131196	132123	0.94	cps
Molybdenum	94-1	208	217	167	197	13.58	cps
Molybdenum	95-1	133	142	117	131	9.75	cps
Molybdenum	96-1	183	250	242	225	16.14	cps
Molybdenum	97-1	58	25	17	33	66.14	cps
Molybdenum	98-1	192	158	133	161	18.16	cps
Neodymium	150-1	4621	4181	4307	4370	5.18	cps
Neodymium	150-2	1610	1487	1597	1565	4.33	cps
Nickel	60-2	2154	2084	2037	2091	2.81	cps
Phosphorus	31-2	217	300	325	281	20.22	cps
Potassium	39-2	34149	34525	35678	34784	2.29	cps
Rhodium	103-1	5292272	5264134	5135389	5230598	1.60	cps
Rhodium	103-2	2408941	2358433	2457061	2408145	2.05	cps
Scandium	45-1	3902393	3862212	3881201	3881935	0.52	cps
Scandium	45-2	122847	120241	121932	121673	1.09	cps
Selenium	82-1	-9	29	-17	1	2935.20	cps
Selenium	77-2	3	3	7	4	43.40	cps
Selenium	78-2	38	31	30	33	13.21	cps
Silicon	28-1	6868126	7025216	6967357	6953566	1.14	cps
Silver	107-1	50	75	100	75	33.33	cps
Silver	109-1	75	33	50	53	39.74	cps
Sodium	23-2	335889	334371	332863	334375	0.45	cps
Strontium	86-1	33725	34552	34610	34296	1.44	cps
Strontium	88-1	286796	294509	292947	291417	1.40	cps
Sulfur	34-1	887046	908173	909225	901481	1.39	cps
Terbium	159-1	7534040	7283195	7408201	7408479	1.69	cps
Terbium	159-2	3370327	3410036	3369196	3383186	0.69	cps
Thallium	203-1	175	217	225	206	13.03	cps
Thallium	205-1	617	600	592	603	2.11	cps
Tin	118-1	492	425	517	478	9.92	cps
Titanium	47-1	408	350	367	375	8.01	cps
Uranium	238-1	3417	3609	3451	3492	2.93	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3108-02LDLX25	Instrumnet Name :	P8
Client Sample ID :	OU3-FC-BACKFILL-02RI	Dilution Factor :	25
Date & Time Acquired :	2023-06-13 14:42:29	DataFile Name :	054AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	8349	8769	8423	8514	2.64	cps
Ytterbium	172-1	1533	1759	1650	1647	6.83	cps
Ytterbium	172-2	961	956	1128	1015	9.64	cps
Ytterbium	176-1	2650	2859	2650	2720	4.42	cps
Ytterbium	176-2	9387	9932	10293	9871	4.62	cps
Yttrium	89-1	10393527	10328447	10242297	10321424	0.73	cps
Yttrium	89-2	1145671	1117814	1135985	1133157	1.25	cps
Zinc	66-2	6942	7072	7092	7035	1.16	cps
Zirconium	90-1	567	658	533	586	11.04	cps
Zirconium	91-1	100	100	83	94	10.18	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3108-02MSDLX5	Instrumnet Name :	P8
Client Sample ID :	OU3-FC-BACKFILL-02RI	Dilution Factor :	5
Date & Time Acquired :	2023-06-13 14:45:27	DataFile Name :	055AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	570672	563499	553404	562525	1.54	cps
Antimony	121-1	337506	341990	341658	340384	0.73	cps
Arsenic	75-2	9758	9847	9626	9744	1.14	cps
Barium	135-1	499226	503289	507740	503419	0.85	cps
Barium	137-1	882290	875510	888255	882018	0.72	cps
Beryllium	9-1	131525	132139	133026	132230	0.57	cps
Bismuth	209-1	5046184	5027050	4984775	5019336	0.63	cps
Bismuth	209-2	2645288	2594373	2510666	2583443	2.63	cps
Bromine	81-1	36782	37392	36791	36989	0.95	cps
Cadmium	108-1	7727	7706	7690	7708	0.24	cps
Cadmium	106-1	17729	17895	17144	17589	2.24	cps
Cadmium	111-1	95729	98081	97825	97212	1.33	cps
Calcium	43-1	720299	733636	730652	728196	0.96	cps
Calcium	44-1	11718089	12149577	11995594	11954420	1.83	cps
Carbon	12-1	2504626	2606678	2686687	2599330	3.51	cps
Carbon	12-2	32487	33430	33238	33052	1.51	cps
Chlorine	35-1	383057	384092	382237	383129	0.24	cps
Chlorine	35-2	2550	2392	2459	2467	3.22	cps
Chromium	52-2	102937	101191	103938	102689	1.35	cps
Cobalt	59-2	231588	232671	233615	232625	0.44	cps
Copper	63-2	1655742	1651631	1630462	1645945	0.82	cps
Dysprosium	156-1	18597	18605	19740	18981	3.46	cps
Dysprosium	156-2	8573	8359	8346	8426	1.51	cps
Erbium	164-1	21017	21109	21693	21273	1.72	cps
Erbium	164-2	9667	9430	9417	9505	1.48	cps
Gadolinium	160-1	17704	18530	17162	17798	3.87	cps
Gadolinium	160-2	9160	9197	9063	9140	0.75	cps
Holmium	165-1	7761914	7767557	7451889	7660453	2.36	cps
Holmium	165-2	3623298	3552109	3603682	3593030	1.02	cps
Indium	115-1	5864544	5719447	5565813	5716601	2.61	cps
Indium	115-2	861166	869288	867554	866003	0.49	cps
Iron	54-2	1950656	1898975	1941709	1930447	1.43	cps
Iron	56-2	33910632	34247478	33796788	33984966	0.69	cps
Iron	57-2	824467	824323	813450	820747	0.77	cps
Krypton	83-1	254	254	207	238	11.20	cps
Lead	206-1	1334134	1346340	1321865	1334113	0.92	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3108-02MSDLX5	Instrumnet Name :	P8
Client Sample ID :	OU3-FC-BACKFILL-02RI	Dilution Factor :	5
Date & Time Acquired :	2023-06-13 14:45:27	DataFile Name :	055AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1154870	1170274	1175482	1166875	0.92	cps
Lead	208-1	5540110	5602234	5656332	5599559	1.04	cps
Lithium	6-1	2877025	2923423	2804951	2868466	2.08	cps
Magnesium	24-2	2092721	2076944	2095181	2088282	0.47	cps
Manganese	55-2	1123412	1096946	1098718	1106358	1.34	cps
Molybdenum	94-1	687186	683808	696742	689245	0.97	cps
Molybdenum	95-1	789354	797016	800469	795613	0.71	cps
Molybdenum	96-1	879725	889345	896559	888543	0.95	cps
Molybdenum	97-1	486855	499730	493290	493292	1.30	cps
Molybdenum	98-1	1236637	1271838	1291065	1266513	2.18	cps
Neodymium	150-1	18386	18106	18894	18462	2.16	cps
Neodymium	150-2	6688	6278	6635	6534	3.41	cps
Nickel	60-2	56636	56619	55387	56214	1.27	cps
Phosphorus	31-2	525	517	583	542	6.71	cps
Potassium	39-2	341130	340403	333707	338413	1.21	cps
Rhodium	103-1	5297236	5290081	5245957	5277758	0.53	cps
Rhodium	103-2	2414950	2371000	2378071	2388007	0.99	cps
Scandium	45-1	4036032	4109616	3864444	4003364	3.14	cps
Scandium	45-2	123471	123008	121344	122608	0.91	cps
Selenium	82-1	7301	7307	7409	7339	0.82	cps
Selenium	77-2	197	247	300	248	20.86	cps
Selenium	78-2	856	849	850	852	0.44	cps
Silicon	28-1	26921764	27336793	26474920	26911159	1.60	cps
Silver	107-1	500654	504505	507697	504285	0.70	cps
Silver	109-1	491887	488455	488693	489679	0.39	cps
Sodium	23-2	3057270	3098722	3023510	3059834	1.23	cps
Strontium	86-1	262258	260234	262584	261692	0.49	cps
Strontium	88-1	2323847	2359379	2393366	2358864	1.47	cps
Sulfur	34-1	2077002	2155168	2100480	2110884	1.90	cps
Terbium	159-1	7876889	7842382	7654784	7791352	1.53	cps
Terbium	159-2	3496224	3425036	3542028	3487763	1.69	cps
Thallium	203-1	383133	388547	386737	386139	0.71	cps
Thallium	205-1	922174	933052	932159	929128	0.65	cps
Tin	118-1	314005	316887	321791	317561	1.24	cps
Titanium	47-1	246215	249569	246307	247364	0.77	cps
Uranium	238-1	1261765	1302000	1288275	1284013	1.59	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3108-02MSDLX5	Instrumnet Name :	P8
Client Sample ID :	OU3-FC-BACKFILL-02RI	Dilution Factor :	5
Date & Time Acquired :	2023-06-13 14:45:27	DataFile Name :	055AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	117477	115494	115283	116085	1.04	cps
Ytterbium	172-1	6710	7477	7727	7305	7.26	cps
Ytterbium	172-2	3878	3706	3662	3749	3.05	cps
Ytterbium	176-1	7077	7286	7519	7294	3.03	cps
Ytterbium	176-2	12367	12189	13101	12552	3.85	cps
Yttrium	89-1	11091111	11031524	10814949	10979195	1.32	cps
Yttrium	89-2	1172821	1174686	1162251	1169919	0.57	cps
Zinc	66-2	29781	29337	29674	29598	0.78	cps
Zirconium	90-1	645601	646730	659265	650532	1.17	cps
Zirconium	91-1	142507	145420	146244	144724	1.36	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3108-02MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	OU3-FC-BACKFILL-02RI	Dilution Factor :	5
Date & Time Acquired :	2023-06-13 14:48:24	DataFile Name :	056AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	553007	559916	556003	556309	0.62	cps
Antimony	121-1	338976	340539	339187	339567	0.25	cps
Arsenic	75-2	9617	9673	9651	9647	0.29	cps
Barium	135-1	498857	509489	505518	504621	1.06	cps
Barium	137-1	868727	881987	879381	876698	0.80	cps
Beryllium	9-1	131945	133002	132624	132524	0.40	cps
Bismuth	209-1	4954383	4978735	4924831	4952650	0.55	cps
Bismuth	209-2	2941333	2484745	2379697	2601925	11.48	cps
Bromine	81-1	36566	34928	34585	35360	2.99	cps
Cadmium	108-1	7648	7781	7798	7743	1.06	cps
Cadmium	106-1	17995	17895	16744	17545	3.96	cps
Cadmium	111-1	96222	97394	94882	96166	1.31	cps
Calcium	43-1	724538	730031	729201	727923	0.41	cps
Calcium	44-1	11982296	12029736	12022656	12011563	0.21	cps
Carbon	12-1	2576842	2653971	2679993	2636935	2.03	cps
Carbon	12-2	33581	32695	32954	33077	1.38	cps
Chlorine	35-1	379779	384930	383836	382848	0.71	cps
Chlorine	35-2	2359	2542	2617	2506	5.30	cps
Chromium	52-2	101054	101919	102215	101729	0.59	cps
Cobalt	59-2	228458	231842	232189	230829	0.89	cps
Copper	63-2	1656864	1650890	1704703	1670819	1.77	cps
Dysprosium	156-1	18655	18363	18613	18544	0.85	cps
Dysprosium	156-2	8076	8479	8006	8187	3.12	cps
Erbium	164-1	21059	21393	20850	21101	1.30	cps
Erbium	164-2	9677	9263	9537	9492	2.22	cps
Gadolinium	160-1	17203	18338	17479	17673	3.35	cps
Gadolinium	160-2	9277	9023	9153	9151	1.39	cps
Holmium	165-1	7429116	7403631	7430509	7421085	0.20	cps
Holmium	165-2	3956471	3280558	3270971	3502666	11.22	cps
Indium	115-1	5574538	5511392	5578160	5554697	0.68	cps
Indium	115-2	956195	815188	793827	855070	10.32	cps
Iron	54-2	1884196	1885259	1897072	1888842	0.38	cps
Iron	56-2	33864831	33327110	34152383	33781441	1.24	cps
Iron	57-2	811187	818876	817582	815882	0.50	cps
Krypton	83-1	232	256	210	233	9.93	cps
Lead	206-1	1323160	1372284	1351272	1348905	1.83	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3108-02MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	OU3-FC-BACKFILL-02RI	Dilution Factor :	5
Date & Time Acquired :	2023-06-13 14:48:24	DataFile Name :	056AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1149335	1188981	1165584	1167967	1.71	cps
Lead	208-1	5542551	5671974	5631188	5615238	1.18	cps
Lithium	6-1	2853498	2828457	2816553	2832836	0.67	cps
Magnesium	24-2	2075588	2081663	2070291	2075847	0.27	cps
Manganese	55-2	1087545	1085934	1106730	1093403	1.06	cps
Molybdenum	94-1	683924	696423	686136	688828	0.97	cps
Molybdenum	95-1	791946	809956	789830	797244	1.39	cps
Molybdenum	96-1	895302	904066	896733	898700	0.52	cps
Molybdenum	97-1	493965	502081	508343	501463	1.44	cps
Molybdenum	98-1	1270445	1275819	1286335	1277533	0.63	cps
Neodymium	150-1	17952	18366	19167	18495	3.34	cps
Neodymium	150-2	6305	6405	6318	6343	0.86	cps
Nickel	60-2	54518	54353	56458	55110	2.12	cps
Phosphorus	31-2	450	508	542	500	9.28	cps
Potassium	39-2	337577	335569	341517	338221	0.89	cps
Rhodium	103-1	5188654	5203014	4947407	5113025	2.81	cps
Rhodium	103-2	2697812	2316654	2229078	2414515	10.32	cps
Scandium	45-1	3897860	3885664	3944596	3909373	0.80	cps
Scandium	45-2	136128	114797	114693	121873	10.13	cps
Selenium	82-1	7099	7221	7260	7193	1.17	cps
Selenium	77-2	253	257	277	262	4.81	cps
Selenium	78-2	839	825	773	812	4.28	cps
Silicon	28-1	26466932	27118939	26572675	26719515	1.31	cps
Silver	107-1	503220	508459	512093	507924	0.88	cps
Silver	109-1	480527	482842	480810	481393	0.26	cps
Sodium	23-2	3028515	3058935	3025781	3037743	0.61	cps
Strontium	86-1	263696	269852	264186	265911	1.29	cps
Strontium	88-1	2375847	2398839	2357046	2377244	0.88	cps
Sulfur	34-1	2051395	2116554	2085202	2084383	1.56	cps
Terbium	159-1	7438355	7594856	7551465	7528226	1.07	cps
Terbium	159-2	3901908	3313154	3253536	3489533	10.27	cps
Thallium	203-1	391766	391940	394553	392753	0.40	cps
Thallium	205-1	939909	951635	935689	942411	0.88	cps
Tin	118-1	314213	313079	319506	315600	1.09	cps
Titanium	47-1	248408	247525	249875	248602	0.48	cps
Uranium	238-1	1286852	1281905	1303054	1290603	0.86	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3108-02MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	OU3-FC-BACKFILL-02RI	Dilution Factor :	5
Date & Time Acquired :	2023-06-13 14:48:24	DataFile Name :	056AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	115511	116647	116213	116124	0.49	cps
Ytterbium	172-1	7161	7561	7336	7352	2.73	cps
Ytterbium	172-2	3767	3617	3673	3686	2.06	cps
Ytterbium	176-1	7444	7286	7344	7358	1.09	cps
Ytterbium	176-2	12973	11472	11728	12058	6.66	cps
Yttrium	89-1	10707518	10587273	10699031	10664607	0.63	cps
Yttrium	89-2	1296130	1094873	1086995	1159333	10.22	cps
Zinc	66-2	28723	29080	29521	29108	1.37	cps
Zirconium	90-1	646797	652296	646876	648656	0.49	cps
Zirconium	91-1	145108	144882	145042	145011	0.08	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P8
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 14:51:19	DataFile Name :	057CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1870069	1854536	1867245	1863950	0.44	cps
Antimony	121-1	1776144	1768562	1795460	1780055	0.78	cps
Arsenic	75-2	47887	47549	47681	47706	0.36	cps
Barium	135-1	2374409	2433478	2452459	2420116	1.68	cps
Barium	137-1	4178855	4165822	4146334	4163671	0.39	cps
Beryllium	9-1	676609	689082	681206	682299	0.92	cps
Bismuth	209-1	4730421	4800528	4709723	4746891	1.00	cps
Bismuth	209-2	2524024	2518796	2491933	2511584	0.69	cps
Bromine	81-1	35496	33466	35212	34724	3.17	cps
Cadmium	108-1	38809	39527	39177	39171	0.92	cps
Cadmium	106-1	62752	64660	64100	63837	1.54	cps
Cadmium	111-1	442965	446532	453734	447744	1.23	cps
Calcium	43-1	3323673	3360684	3323003	3335787	0.65	cps
Calcium	44-1	52146149	52634764	52374225	52385046	0.47	cps
Carbon	12-1	2806407	2932245	2929821	2889491	2.49	cps
Carbon	12-2	38242	38693	38960	38632	0.94	cps
Chlorine	35-1	362824	367001	363414	364413	0.62	cps
Chlorine	35-2	2284	2775	2500	2520	9.78	cps
Chromium	52-2	524941	515023	523710	521225	1.04	cps
Cobalt	59-2	892615	891168	889228	891004	0.19	cps
Copper	63-2	7465571	7372195	7378415	7405394	0.70	cps
Dysprosium	156-1	533	542	650	575	11.32	cps
Dysprosium	156-2	240	293	297	277	11.49	cps
Erbium	164-1	250	108	217	192	38.64	cps
Erbium	164-2	43	57	47	49	14.20	cps
Gadolinium	160-1	492	592	517	533	9.76	cps
Gadolinium	160-2	373	447	397	406	9.24	cps
Holmium	165-1	7590297	7671999	7575338	7612545	0.68	cps
Holmium	165-2	3675167	3618015	3476597	3589926	2.85	cps
Indium	115-1	5447484	5481541	5464339	5464455	0.31	cps
Indium	115-2	862083	865116	858622	861940	0.38	cps
Iron	54-2	6124050	5990675	6000295	6038340	1.23	cps
Iron	56-2	111072561	109681111	109465127	110072933	0.79	cps
Iron	57-2	2859327	2853118	2823143	2845196	0.68	cps
Krypton	83-1	195	236	211	214	9.70	cps
Lead	206-1	8480684	8670436	8561660	8570927	1.11	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P8
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 14:51:19	DataFile Name :	057CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	7414027	7429431	7369150	7404202	0.42	cps
Lead	208-1	34011908	34417456	34281764	34237043	0.60	cps
Lithium	6-1	2820956	2929464	2812797	2854405	2.28	cps
Magnesium	24-2	24284786	24034023	24124757	24147856	0.53	cps
Manganese	55-2	3041008	3015999	3016789	3024599	0.47	cps
Molybdenum	94-1	7081181	7201105	7117550	7133279	0.86	cps
Molybdenum	95-1	10341075	10420661	10547419	10436385	1.00	cps
Molybdenum	96-1	11324654	11432904	11537331	11431630	0.93	cps
Molybdenum	97-1	6328992	6517860	6521141	6455998	1.70	cps
Molybdenum	98-1	16579800	16679718	16951937	16737152	1.15	cps
Neodymium	150-1	680	660	693	678	2.48	cps
Neodymium	150-2	70	57	57	61	12.59	cps
Nickel	60-2	241160	239400	237016	239192	0.87	cps
Phosphorus	31-2	19272	19964	19055	19430	2.45	cps
Potassium	39-2	8274862	8247276	8105526	8209221	1.11	cps
Rhodium	103-1	5018112	5105591	5049023	5057575	0.88	cps
Rhodium	103-2	2323427	2334664	2329326	2329139	0.24	cps
Scandium	45-1	3939768	3984510	3922744	3949007	0.81	cps
Scandium	45-2	125065	125180	126138	125461	0.47	cps
Selenium	82-1	34760	35327	35144	35077	0.82	cps
Selenium	77-2	1110	1047	1073	1077	2.95	cps
Selenium	78-2	3935	3852	3866	3884	1.14	cps
Silicon	28-1	33293566	33604789	33152404	33350253	0.69	cps
Silver	107-1	2420508	2374389	2411982	2402293	1.02	cps
Silver	109-1	2318824	2279999	2307401	2302075	0.87	cps
Sodium	23-2	43569448	43885902	43849669	43768340	0.40	cps
Strontium	86-1	15825469	16117802	15981932	15975068	0.92	cps
Strontium	88-1	137940716	137175520	138473670	137863302	0.47	cps
Sulfur	34-1	656773	651941	648718	652477	0.62	cps
Terbium	159-1	7665047	7766353	7624702	7685368	0.95	cps
Terbium	159-2	3480275	3537192	3541681	3519716	0.97	cps
Thallium	203-1	2090942	2130812	2106918	2109557	0.95	cps
Thallium	205-1	4889198	5047912	4919489	4952200	1.70	cps
Tin	118-1	1596571	1604369	1588367	1596436	0.50	cps
Titanium	47-1	3063432	3103852	3113036	3093440	0.85	cps
Uranium	238-1	6977929	7052720	6949644	6993431	0.76	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P8
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 14:51:19	DataFile Name :	057CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	414689	413706	415279	414558	0.19	cps
Ytterbium	172-1	117	150	133	133	12.50	cps
Ytterbium	172-2	72	50	83	69	24.77	cps
Ytterbium	176-1	10196	10354	10579	10377	1.86	cps
Ytterbium	176-2	13757	14692	13902	14117	3.56	cps
Yttrium	89-1	10602848	10744326	10763125	10703433	0.82	cps
Yttrium	89-2	1147694	1158431	1153444	1153189	0.47	cps
Zinc	66-2	849181	836916	839806	841967	0.76	cps
Zirconium	90-1	3629272	3643209	3643557	3638679	0.22	cps
Zirconium	91-1	773735	788686	785472	782631	1.01	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	CCB15	Instrumnet Name :	P8
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 14:57:00	DataFile Name :	058CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	272	245	137	218	32.68	cps
Antimony	121-1	375	417	450	414	9.08	cps
Arsenic	75-2	17	7	4	9	72.93	cps
Barium	135-1	408	225	317	317	28.95	cps
Barium	137-1	483	375	542	467	18.12	cps
Beryllium	9-1	434	384	396	405	6.43	cps
Bismuth	209-1	4736206	4977289	5315450	5009649	5.81	cps
Bismuth	209-2	2686213	2595812	2589542	2623856	2.06	cps
Bromine	81-1	33240	33190	33699	33377	0.84	cps
Cadmium	108-1	38	29	25	31	20.83	cps
Cadmium	106-1	5285	5493	6418	5732	10.53	cps
Cadmium	111-1	1907	1944	2321	2057	11.13	cps
Calcium	43-1	615	514	519	549	10.39	cps
Calcium	44-1	18529	17261	16872	17554	4.93	cps
Carbon	12-1	2159830	2166370	2193294	2173165	0.82	cps
Carbon	12-2	25940	24588	25606	25378	2.78	cps
Chlorine	35-1	311345	310885	306546	309592	0.86	cps
Chlorine	35-2	1925	2300	2142	2122	8.87	cps
Chromium	52-2	970	883	880	911	5.60	cps
Cobalt	59-2	173	127	150	150	15.56	cps
Copper	63-2	1784	1593	1310	1562	15.25	cps
Dysprosium	156-1	17	17	0	11	86.60	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	75	33	58	56	37.75	cps
Erbium	164-2	40	13	20	24	56.78	cps
Gadolinium	160-1	67	33	75	58	37.80	cps
Gadolinium	160-2	113	130	117	120	7.35	cps
Holmium	165-1	7022014	7096084	8009934	7376011	7.46	cps
Holmium	165-2	3455742	3476153	3444659	3458852	0.46	cps
Indium	115-1	5392062	5523746	6004104	5639970	5.71	cps
Indium	115-2	866849	848562	860184	858531	1.08	cps
Iron	54-2	1411	1489	1067	1322	17.00	cps
Iron	56-2	24361	14606	11974	16980	38.43	cps
Iron	57-2	556	467	344	456	23.27	cps
Krypton	83-1	197	204	170	190	9.43	cps
Lead	206-1	1606	1500	1322	1476	9.70	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	CCB15	Instrumnet Name :	P8
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 14:57:00	DataFile Name :	058CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1317	1106	1178	1200	8.94	cps
Lead	208-1	5968	5062	5540	5523	8.20	cps
Lithium	6-1	2764542	2816866	3071181	2884196	5.69	cps
Magnesium	24-2	2668	2167	1842	2226	18.69	cps
Manganese	55-2	497	597	507	533	10.33	cps
Molybdenum	94-1	800	742	792	778	4.06	cps
Molybdenum	95-1	1092	767	808	889	19.90	cps
Molybdenum	96-1	1267	983	1142	1131	12.56	cps
Molybdenum	97-1	750	583	558	631	16.53	cps
Molybdenum	98-1	2242	1584	1383	1736	25.87	cps
Neodymium	150-1	7	13	13	11	34.61	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	220	150	143	171	24.82	cps
Phosphorus	31-2	192	217	183	197	8.79	cps
Potassium	39-2	26859	27727	26734	27107	2.00	cps
Rhodium	103-1	5051745	5170203	5737007	5319652	6.89	cps
Rhodium	103-2	2363124	2391947	2407703	2387591	0.95	cps
Scandium	45-1	3720476	3763422	4179144	3887680	6.52	cps
Scandium	45-2	122069	120292	120957	121106	0.74	cps
Selenium	82-1	11	4	57	24	120.45	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	23	36	35	31	23.09	cps
Silicon	28-1	810381	810146	815810	812112	0.39	cps
Silver	107-1	150	108	167	142	21.21	cps
Silver	109-1	92	92	33	72	46.64	cps
Sodium	23-2	30016	27903	29381	29100	3.73	cps
Strontium	86-1	2151	1492	1342	1661	25.90	cps
Strontium	88-1	20395	11402	10629	14142	38.39	cps
Sulfur	34-1	405701	403767	407373	405614	0.44	cps
Terbium	159-1	7075778	7380077	8181423	7545759	7.57	cps
Terbium	159-2	3484946	3307588	3364889	3385808	2.67	cps
Thallium	203-1	642	617	792	683	13.86	cps
Thallium	205-1	1475	1408	1125	1336	13.91	cps
Tin	118-1	583	608	767	653	15.23	cps
Titanium	47-1	567	417	308	431	30.13	cps
Uranium	238-1	1083	717	525	775	36.61	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	CCB15	Instrumnet Name :	P8
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 14:57:00	DataFile Name :	058CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	30	50	40	40	25.00	cps
Ytterbium	172-1	25	58	58	47	40.76	cps
Ytterbium	172-2	17	17	22	19	17.30	cps
Ytterbium	176-1	1433	1700	1800	1645	11.53	cps
Ytterbium	176-2	9509	9643	9648	9600	0.82	cps
Yttrium	89-1	9840891	10035377	11176208	10350825	6.97	cps
Yttrium	89-2	1118056	1116914	1115125	1116698	0.13	cps
Zinc	66-2	213	140	137	163	26.53	cps
Zirconium	90-1	742	558	883	728	22.39	cps
Zirconium	91-1	92	117	183	131	36.30	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3108-02ADLX5	Instrumnet Name :	P8
Client Sample ID :	OU3-FC-BACKFILL-02R/	Dilution Factor :	5
Date & Time Acquired :	2023-06-13 15:03:05	DataFile Name :	060AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	557303	550388	553816	553836	0.62	cps
Antimony	121-1	332977	338026	339823	336942	1.05	cps
Arsenic	75-2	9691	9289	9434	9471	2.15	cps
Barium	135-1	492184	499120	500105	497136	0.87	cps
Barium	137-1	849662	866143	880019	865275	1.76	cps
Beryllium	9-1	130564	133370	134083	132672	1.40	cps
Bismuth	209-1	4734115	4779635	4846047	4786599	1.18	cps
Bismuth	209-2	2535924	2524634	2455635	2505398	1.73	cps
Bromine	81-1	33608	34978	33984	34190	2.07	cps
Cadmium	108-1	7481	7661	7740	7627	1.74	cps
Cadmium	106-1	17136	17169	17795	17367	2.14	cps
Cadmium	111-1	95517	95290	97602	96136	1.33	cps
Calcium	43-1	713760	721839	720943	718847	0.62	cps
Calcium	44-1	11787317	11644334	11924984	11785545	1.19	cps
Carbon	12-1	2484567	2533779	2675804	2564716	3.87	cps
Carbon	12-2	33330	32812	33363	33168	0.93	cps
Chlorine	35-1	328490	326965	325711	327055	0.43	cps
Chlorine	35-2	2117	1967	1875	1986	6.14	cps
Chromium	52-2	100560	98614	100248	99807	1.05	cps
Cobalt	59-2	230104	229701	230754	230187	0.23	cps
Copper	63-2	1613821	1614086	1626916	1618275	0.46	cps
Dysprosium	156-1	18071	19306	18530	18636	3.35	cps
Dysprosium	156-2	8233	8076	7866	8058	2.28	cps
Erbium	164-1	20191	21126	21209	20842	2.71	cps
Erbium	164-2	8893	9333	9310	9179	2.70	cps
Gadolinium	160-1	17537	17846	18004	17796	1.33	cps
Gadolinium	160-2	8526	8873	9283	8894	4.26	cps
Holmium	165-1	7053740	7196706	7436044	7228830	2.67	cps
Holmium	165-2	3437825	3380896	3371549	3396756	1.06	cps
Indium	115-1	5366266	5358357	5434900	5386507	0.78	cps
Indium	115-2	829533	837270	819052	828618	1.10	cps
Iron	54-2	1928992	1843756	1889091	1887279	2.26	cps
Iron	56-2	33195740	33007354	33163731	33122275	0.30	cps
Iron	57-2	810578	798582	797636	802266	0.90	cps
Krypton	83-1	226	212	257	232	9.94	cps
Lead	206-1	1306060	1340320	1328707	1325029	1.31	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3108-02ADLX5	Instrumnet Name :	P8
Client Sample ID :	OU3-FC-BACKFILL-02R/	Dilution Factor :	5
Date & Time Acquired :	2023-06-13 15:03:05	DataFile Name :	060AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1131404	1156624	1172725	1153584	1.81	cps
Lead	208-1	5391978	5588524	5624715	5535072	2.26	cps
Lithium	6-1	2746252	2773077	2766796	2762042	0.51	cps
Magnesium	24-2	2069576	2056560	2030717	2052284	0.96	cps
Manganese	55-2	1082321	1086657	1076099	1081693	0.49	cps
Molybdenum	94-1	672667	670658	689106	677477	1.49	cps
Molybdenum	95-1	778009	782112	787624	782582	0.62	cps
Molybdenum	96-1	872839	887530	885078	881816	0.89	cps
Molybdenum	97-1	488434	497689	490482	492202	0.99	cps
Molybdenum	98-1	1237702	1250630	1247683	1245339	0.54	cps
Neodymium	150-1	18373	18934	17852	18386	2.94	cps
Neodymium	150-2	6325	6151	6295	6257	1.48	cps
Nickel	60-2	54337	54230	54855	54474	0.61	cps
Phosphorus	31-2	425	550	550	508	14.20	cps
Potassium	39-2	336994	330365	327615	331658	1.45	cps
Rhodium	103-1	4869496	4912337	5060234	4947356	2.02	cps
Rhodium	103-2	2285656	2345993	2251071	2294240	2.09	cps
Scandium	45-1	3811084	3772039	3888738	3823953	1.55	cps
Scandium	45-2	119511	118418	115595	117841	1.71	cps
Selenium	82-1	7245	7375	7246	7289	1.03	cps
Selenium	77-2	253	220	260	244	8.77	cps
Selenium	78-2	852	779	878	836	6.14	cps
Silicon	28-1	26170039	26263787	26889651	26441159	1.48	cps
Silver	107-1	487952	491635	502688	494092	1.55	cps
Silver	109-1	474095	479749	476186	476677	0.60	cps
Sodium	23-2	3031772	3013370	2964323	3003155	1.16	cps
Strontium	86-1	257736	261318	260241	259765	0.71	cps
Strontium	88-1	2319114	2333346	2302741	2318400	0.66	cps
Sulfur	34-1	2087646	2078326	2106266	2090746	0.68	cps
Terbium	159-1	7268472	7431555	7510703	7403577	1.67	cps
Terbium	159-2	3348119	3411751	3282278	3347383	1.93	cps
Thallium	203-1	377999	384629	393501	385376	2.02	cps
Thallium	205-1	925120	939223	932277	932206	0.76	cps
Tin	118-1	308342	312573	312875	311263	0.81	cps
Titanium	47-1	240898	244119	249122	244713	1.69	cps
Uranium	238-1	1279716	1264651	1295986	1280118	1.22	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3108-02ADLX5	Instrumnet Name :	P8
Client Sample ID :	OU3-FC-BACKFILL-02R/	Dilution Factor :	5
Date & Time Acquired :	2023-06-13 15:03:05	DataFile Name :	060AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	115028	112662	114957	114216	1.18	cps
Ytterbium	172-1	7327	7344	7394	7355	0.47	cps
Ytterbium	172-2	3689	3545	3823	3686	3.77	cps
Ytterbium	176-1	7577	7161	6935	7224	4.51	cps
Ytterbium	176-2	12439	12323	12028	12263	1.73	cps
Yttrium	89-1	10314565	10355206	10282444	10317405	0.35	cps
Yttrium	89-2	1126665	1115025	1103217	1114969	1.05	cps
Zinc	66-2	28736	28699	28252	28562	0.94	cps
Zirconium	90-1	641813	641481	645475	642923	0.34	cps
Zirconium	91-1	139662	143139	143998	142267	1.61	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	PB153405BL	Instrumnet Name :	P8
Client Sample ID :	PB153405BL	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 15:45:19	DataFile Name :	061CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	34	59	38	43	31.10	cps
Antimony	121-1	58	108	50	72	43.69	cps
Arsenic	75-2	7	2	2	4	78.73	cps
Barium	135-1	17	17	25	19	24.73	cps
Barium	137-1	0	25	17	14	91.65	cps
Beryllium	9-1	72	116	104	97	23.11	cps
Bismuth	209-1	4790052	4938493	4829571	4852705	1.58	cps
Bismuth	209-2	2495954	2443510	2615327	2518264	3.50	cps
Bromine	81-1	34510	33733	34760	34335	1.56	cps
Cadmium	108-1	33	13	17	21	52.90	cps
Cadmium	106-1	5618	5284	5418	5440	3.09	cps
Cadmium	111-1	1968	1862	1901	1910	2.81	cps
Calcium	43-1	161	132	134	142	11.41	cps
Calcium	44-1	11438	11267	11163	11289	1.23	cps
Carbon	12-1	2270725	2265665	2279062	2271817	0.30	cps
Carbon	12-2	26950	27176	27785	27304	1.58	cps
Chlorine	35-1	229015	236515	235363	233631	1.73	cps
Chlorine	35-2	1458	1358	1658	1492	10.24	cps
Chromium	52-2	937	1030	943	970	5.37	cps
Cobalt	59-2	87	57	67	70	21.82	cps
Copper	63-2	590	567	563	573	2.53	cps
Dysprosium	156-1	0	0	17	6	173.21	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	50	33	58	47	26.96	cps
Erbium	164-2	13	17	23	18	28.64	cps
Gadolinium	160-1	83	67	58	69	18.33	cps
Gadolinium	160-2	113	147	140	133	13.23	cps
Holmium	165-1	7292391	7304130	7078955	7225158	1.75	cps
Holmium	165-2	3295261	3268514	3425209	3329661	2.52	cps
Indium	115-1	5365189	5540456	5496600	5467415	1.67	cps
Indium	115-2	807957	810886	855073	824638	3.20	cps
Iron	54-2	611	600	633	615	2.76	cps
Iron	56-2	4506	5229	4740	4825	7.64	cps
Iron	57-2	256	144	206	202	27.57	cps
Krypton	83-1	166	196	234	199	17.02	cps
Lead	206-1	444	389	428	420	6.78	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	PB153405BL	Instrumnet Name :	P8
Client Sample ID :	PB153405BL	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 15:45:19	DataFile Name :	061CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	350	344	356	350	1.59	cps
Lead	208-1	1761	1628	1745	1711	4.25	cps
Lithium	6-1	2826277	2795989	2823971	2815412	0.60	cps
Magnesium	24-2	250	475	442	389	31.22	cps
Manganese	55-2	70	77	73	73	4.55	cps
Molybdenum	94-1	167	125	100	131	25.80	cps
Molybdenum	95-1	42	75	142	86	59.13	cps
Molybdenum	96-1	192	175	167	178	7.16	cps
Molybdenum	97-1	33	67	58	53	32.88	cps
Molybdenum	98-1	200	67	58	108	73.38	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	120	113	120	118	3.26	cps
Phosphorus	31-2	217	225	242	228	5.59	cps
Potassium	39-2	27477	27443	28061	27660	1.26	cps
Rhodium	103-1	5103811	5131436	5162004	5132417	0.57	cps
Rhodium	103-2	2334104	2300212	2406163	2346826	2.31	cps
Scandium	45-1	3804684	3935529	3855447	3865220	1.71	cps
Scandium	45-2	117285	117003	121989	118759	2.36	cps
Selenium	82-1	55	39	-34	20	236.25	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	25	37	25	29	23.89	cps
Silicon	28-1	815019	824431	817788	819079	0.59	cps
Silver	107-1	92	108	133	111	18.88	cps
Silver	109-1	50	25	33	36	35.25	cps
Sodium	23-2	19180	19922	18988	19363	2.55	cps
Strontium	86-1	242	375	350	322	22.00	cps
Strontium	88-1	483	408	308	400	21.95	cps
Sulfur	34-1	423025	425360	421929	423438	0.41	cps
Terbium	159-1	7353767	7466768	7319678	7380071	1.04	cps
Terbium	159-2	3267095	3242806	3400966	3303623	2.58	cps
Thallium	203-1	150	242	300	231	32.80	cps
Thallium	205-1	475	425	550	483	13.02	cps
Tin	118-1	350	367	442	386	12.64	cps
Titanium	47-1	142	125	100	122	17.16	cps
Uranium	238-1	0	8	17	8	100.02	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	PB153405BL	Instrumnet Name :	P8
Client Sample ID :	PB153405BL	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 15:45:19	DataFile Name :	061CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	3	17	13	11	62.48	cps
Ytterbium	172-1	50	58	33	47	26.97	cps
Ytterbium	172-2	28	22	28	26	12.38	cps
Ytterbium	176-1	1517	1467	1725	1570	8.73	cps
Ytterbium	176-2	9426	9326	10371	9707	5.94	cps
Yttrium	89-1	10071528	10231475	10202479	10168494	0.84	cps
Yttrium	89-2	1057299	1060706	1092858	1070288	1.83	cps
Zinc	66-2	107	67	83	86	23.48	cps
Zirconium	90-1	450	275	442	389	25.39	cps
Zirconium	91-1	50	150	92	97	51.67	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	PB153405BS	Instrumnet Name :	P8
Client Sample ID :	PB153405BS	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 15:48:20	DataFile Name :	062LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	352558	353594	353325	353159	0.15	cps
Antimony	121-1	1729637	1769825	1736225	1745229	1.24	cps
Arsenic	75-2	46380	45839	46166	46128	0.59	cps
Barium	135-1	2307019	2287328	2296129	2296825	0.43	cps
Barium	137-1	3928208	3938144	3985464	3950605	0.77	cps
Beryllium	9-1	671645	683395	677391	677477	0.87	cps
Bismuth	209-1	4824489	5010105	4995114	4943236	2.09	cps
Bismuth	209-2	2560166	2532271	2579294	2557244	0.92	cps
Bromine	81-1	35170	34861	33533	34521	2.52	cps
Cadmium	108-1	38487	39553	39636	39225	1.63	cps
Cadmium	106-1	61822	62567	60082	61491	2.07	cps
Cadmium	111-1	445436	456389	450199	450674	1.22	cps
Calcium	43-1	681699	683876	683716	683097	0.18	cps
Calcium	44-1	10724371	10842830	10642380	10736527	0.94	cps
Carbon	12-1	2889499	3066631	3097981	3018037	3.72	cps
Carbon	12-2	38893	39027	39161	39027	0.34	cps
Chlorine	35-1	254745	251533	255145	253808	0.78	cps
Chlorine	35-2	1708	1583	1675	1656	3.91	cps
Chromium	52-2	497140	492980	496391	495503	0.45	cps
Cobalt	59-2	867778	868557	869293	868543	0.09	cps
Copper	63-2	7155973	7107564	7260331	7174623	1.09	cps
Dysprosium	156-1	175	167	125	156	17.22	cps
Dysprosium	156-2	97	93	70	87	16.77	cps
Erbium	164-1	83	125	125	111	21.65	cps
Erbium	164-2	27	43	37	36	23.58	cps
Gadolinium	160-1	183	208	133	175	21.82	cps
Gadolinium	160-2	203	213	183	200	7.64	cps
Holmium	165-1	7438215	7561863	7505935	7502004	0.83	cps
Holmium	165-2	3521501	3497913	3533175	3517530	0.51	cps
Indium	115-1	5550450	5666107	5499627	5572062	1.53	cps
Indium	115-2	851377	857824	864403	857868	0.76	cps
Iron	54-2	1184239	1182977	1176774	1181330	0.34	cps
Iron	56-2	22097412	21662060	22083009	21947493	1.13	cps
Iron	57-2	529573	529683	532452	530569	0.31	cps
Krypton	83-1	221	194	214	210	6.78	cps
Lead	206-1	8240656	8490103	8444796	8391852	1.58	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	PB153405BS	Instrumnet Name :	P8
Client Sample ID :	PB153405BS	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 15:48:20	DataFile Name :	062LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	7157736	7378955	7281736	7272809	1.52	cps
Lead	208-1	33231836	33853269	33536232	33540446	0.93	cps
Lithium	6-1	2791387	2819464	2799598	2803483	0.51	cps
Magnesium	24-2	4858895	4695979	4837031	4797302	1.84	cps
Manganese	55-2	2881915	2880382	2901047	2887781	0.40	cps
Molybdenum	94-1	6718479	6797860	6817359	6777899	0.77	cps
Molybdenum	95-1	9654795	9881745	9740117	9758886	1.17	cps
Molybdenum	96-1	10639190	10690253	10826416	10718619	0.90	cps
Molybdenum	97-1	6002363	6187677	6163380	6117807	1.65	cps
Molybdenum	98-1	15810302	15903250	15778885	15830812	0.41	cps
Neodymium	150-1	653	480	493	542	17.79	cps
Neodymium	150-2	37	50	60	49	23.94	cps
Nickel	60-2	235481	236982	235540	236001	0.36	cps
Phosphorus	31-2	17811	17603	18579	17998	2.86	cps
Potassium	39-2	1670187	1663903	1648324	1660804	0.68	cps
Rhodium	103-1	5260095	5267283	5217032	5248136	0.52	cps
Rhodium	103-2	2386700	2359081	2408754	2384845	1.04	cps
Scandium	45-1	3993998	3962097	3956610	3970902	0.51	cps
Scandium	45-2	124171	123159	124860	124063	0.69	cps
Selenium	82-1	35533	36412	35919	35955	1.22	cps
Selenium	77-2	1130	1133	1130	1131	0.17	cps
Selenium	78-2	3787	3818	3927	3844	1.91	cps
Silicon	28-1	26318830	26692178	26709472	26573493	0.83	cps
Silver	107-1	2386387	2465726	2409275	2420463	1.69	cps
Silver	109-1	2270333	2334877	2296499	2300570	1.41	cps
Sodium	23-2	8590090	8668938	8610928	8623319	0.47	cps
Strontium	86-1	14733980	15117317	15279487	15043595	1.86	cps
Strontium	88-1	129114399	132601295	131938003	131217899	1.41	cps
Sulfur	34-1	653805	647335	649222	650121	0.51	cps
Terbium	159-1	7533623	7682835	7623016	7613158	0.99	cps
Terbium	159-2	3440475	3434252	3485676	3453467	0.81	cps
Thallium	203-1	2028425	2078018	2057513	2054652	1.21	cps
Thallium	205-1	4739700	4912266	4849424	4833797	1.81	cps
Tin	118-1	1502790	1558734	1575306	1545610	2.46	cps
Titanium	47-1	2981010	2968430	2926374	2958604	0.97	cps
Uranium	238-1	6438342	6521813	6569291	6509815	1.02	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	PB153405BS	Instrumnet Name :	P8
Client Sample ID :	PB153405BS	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 15:48:20	DataFile Name :	062LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	394755	389116	392328	392066	0.72	cps
Ytterbium	172-1	50	83	117	83	40.00	cps
Ytterbium	172-2	39	61	44	48	24.01	cps
Ytterbium	176-1	8970	9379	9954	9434	5.24	cps
Ytterbium	176-2	13629	13324	14058	13670	2.70	cps
Yttrium	89-1	10379284	10508903	10418708	10435632	0.64	cps
Yttrium	89-2	1129342	1133074	1135450	1132622	0.27	cps
Zinc	66-2	822341	828508	836302	829050	0.84	cps
Zirconium	90-1	3354016	3449342	3366259	3389872	1.53	cps
Zirconium	91-1	725209	741150	735580	733979	1.10	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3153-04DLX5	Instrumnet Name :	P8
Client Sample ID :	NO3-TRANS-WATERDL	Dilution Factor :	5
Date & Time Acquired :	2023-06-13 15:54:48	DataFile Name :	063AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3995	3893	3918	3935	1.36	cps
Antimony	121-1	492	550	550	531	6.35	cps
Arsenic	75-2	37	44	30	37	18.92	cps
Barium	135-1	2400	1950	2559	2303	13.71	cps
Barium	137-1	3926	4042	3776	3915	3.42	cps
Beryllium	9-1	431	387	402	407	5.46	cps
Bismuth	209-1	4908981	5377876	4843760	5043539	5.78	cps
Bismuth	209-2	2691176	2595379	2625817	2637457	1.86	cps
Bromine	81-1	33809	34586	33424	33939	1.74	cps
Cadmium	108-1	38	33	54	42	26.47	cps
Cadmium	106-1	5635	6227	5234	5699	8.76	cps
Cadmium	111-1	2058	2293	1936	2096	8.67	cps
Calcium	43-1	117116	117749	120550	118471	1.54	cps
Calcium	44-1	1932794	1986068	2046158	1988340	2.85	cps
Carbon	12-1	3627148	3948989	3977589	3851242	5.05	cps
Carbon	12-2	48598	50187	51641	50142	3.04	cps
Chlorine	35-1	215613	220239	217643	217831	1.06	cps
Chlorine	35-2	1383	1425	1158	1322	10.85	cps
Chromium	52-2	1017	1103	1110	1077	4.84	cps
Cobalt	59-2	850	707	740	766	9.80	cps
Copper	63-2	3661	3204	3601	3488	7.12	cps
Dysprosium	156-1	17	42	50	36	48.03	cps
Dysprosium	156-2	20	10	30	20	50.00	cps
Erbium	164-1	50	58	75	61	20.83	cps
Erbium	164-2	40	37	67	48	34.42	cps
Gadolinium	160-1	108	100	100	103	4.68	cps
Gadolinium	160-2	123	153	157	144	12.71	cps
Holmium	165-1	7198786	8009772	7206817	7471792	6.24	cps
Holmium	165-2	3534136	3469836	3469005	3490992	1.07	cps
Indium	115-1	5505446	6164594	5453238	5707759	6.95	cps
Indium	115-2	860593	863080	863373	862349	0.18	cps
Iron	54-2	1639	1567	1933	1713	11.34	cps
Iron	56-2	23270	23286	24188	23581	2.23	cps
Iron	57-2	1033	1067	1100	1067	3.13	cps
Krypton	83-1	192	189	211	197	6.10	cps
Lead	206-1	3267	2723	3245	3078	10.01	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3153-04DLX5	Instrumnet Name :	P8
Client Sample ID :	NO3-TRANS-WATERDL	Dilution Factor :	5
Date & Time Acquired :	2023-06-13 15:54:48	DataFile Name :	063AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	2489	2411	2661	2521	5.08	cps
Lead	208-1	12080	11253	12258	11864	4.52	cps
Lithium	6-1	2829699	2998596	2718447	2848914	4.95	cps
Magnesium	24-2	41627	41945	40741	41438	1.51	cps
Manganese	55-2	32995	33613	34970	33859	2.98	cps
Molybdenum	94-1	1592	1225	1600	1472	14.55	cps
Molybdenum	95-1	2700	2267	2534	2500	8.74	cps
Molybdenum	96-1	3209	2659	2850	2906	9.61	cps
Molybdenum	97-1	1592	1367	1584	1514	8.43	cps
Molybdenum	98-1	4134	3909	3676	3906	5.87	cps
Neodymium	150-1	27	33	27	29	13.31	cps
Neodymium	150-2	7	10	23	13	66.12	cps
Nickel	60-2	313	320	333	322	3.16	cps
Phosphorus	31-2	200	158	283	214	29.76	cps
Potassium	39-2	101581	103612	101564	102252	1.15	cps
Rhodium	103-1	5159591	5677992	5112933	5316839	5.90	cps
Rhodium	103-2	2445317	2372752	2430405	2416158	1.59	cps
Scandium	45-1	3789625	4239114	3879208	3969316	5.99	cps
Scandium	45-2	123844	122601	122742	123062	0.55	cps
Selenium	82-1	24	21	-19	9	272.55	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	39	23	24	29	31.27	cps
Silicon	28-1	4755306	4856005	4816251	4809188	1.05	cps
Silver	107-1	200	233	233	222	8.66	cps
Silver	109-1	117	58	142	106	40.52	cps
Sodium	23-2	290077	284782	286730	287196	0.93	cps
Strontium	86-1	54431	54750	56381	55187	1.90	cps
Strontium	88-1	474133	479173	483231	478845	0.95	cps
Sulfur	34-1	408677	418558	416888	414708	1.28	cps
Terbium	159-1	7333078	8081369	7432788	7615745	5.34	cps
Terbium	159-2	3463340	3438723	3437573	3446545	0.42	cps
Thallium	203-1	700	558	542	600	14.50	cps
Thallium	205-1	1333	1500	1684	1506	11.63	cps
Tin	118-1	975	867	833	892	8.31	cps
Titanium	47-1	625	608	825	686	17.57	cps
Uranium	238-1	2467	2542	2675	2562	4.12	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3153-04DLX5	Instrumnet Name :	P8
Client Sample ID :	NO3-TRANS-WATERDL	Dilution Factor :	5
Date & Time Acquired :	2023-06-13 15:54:48	DataFile Name :	063AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	353	267	400	340	19.90	cps
Ytterbium	172-1	50	42	75	56	31.22	cps
Ytterbium	172-2	39	17	22	26	44.60	cps
Ytterbium	176-1	1750	1917	1500	1722	12.18	cps
Ytterbium	176-2	9548	10010	10154	9904	3.20	cps
Yttrium	89-1	10162891	11242769	10183022	10529561	5.87	cps
Yttrium	89-2	1120959	1112556	1135378	1122964	1.03	cps
Zinc	66-2	990	923	1053	989	6.57	cps
Zirconium	90-1	942	817	758	839	11.17	cps
Zirconium	91-1	175	133	125	144	18.55	cps

LB Number : LB125939 Operator : Jaswal
 Lab Sample ID : O3153-04DUPDLX5 Instrumnet Name : P8
 Client Sample ID : NO3-TRANS-WATERDUI Dilution Factor : 5
 Date & Time Acquired : 2023-06-13 15:57:50 DataFile Name : 064AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4131	3991	4000	4041	1.94	cps
Antimony	121-1	350	258	317	308	15.05	cps
Arsenic	75-2	23	37	36	32	24.41	cps
Barium	135-1	2309	2100	2259	2222	4.89	cps
Barium	137-1	4301	3834	4134	4090	5.78	cps
Beryllium	9-1	332	295	231	286	17.88	cps
Bismuth	209-1	4858106	4020229	4741601	4539978	10.00	cps
Bismuth	209-2	2558476	2607107	2796474	2654019	4.74	cps
Bromine	81-1	35296	34535	35362	35064	1.31	cps
Cadmium	108-1	50	38	17	35	48.49	cps
Cadmium	106-1	5868	4776	5860	5501	11.42	cps
Cadmium	111-1	2140	1708	2098	1982	12.01	cps
Calcium	43-1	120825	126977	125216	124339	2.55	cps
Calcium	44-1	2032056	2129277	2152461	2104598	3.04	cps
Carbon	12-1	3695557	3905300	4011078	3870645	4.15	cps
Carbon	12-2	49283	48907	49266	49152	0.43	cps
Chlorine	35-1	211706	213929	215316	213650	0.85	cps
Chlorine	35-2	1533	1308	1208	1350	12.33	cps
Chromium	52-2	903	1100	910	971	11.50	cps
Cobalt	59-2	723	663	693	693	4.33	cps
Copper	63-2	3090	3304	3287	3227	3.68	cps
Dysprosium	156-1	25	42	25	31	31.50	cps
Dysprosium	156-2	10	10	7	9	21.63	cps
Erbium	164-1	92	50	67	69	30.20	cps
Erbium	164-2	10	37	27	24	55.11	cps
Gadolinium	160-1	50	100	58	69	38.58	cps
Gadolinium	160-2	103	107	160	123	25.78	cps
Holmium	165-1	7355897	6011466	7193396	6853586	10.71	cps
Holmium	165-2	3451531	3479368	3689759	3540219	3.68	cps
Indium	115-1	5710540	4484278	5357517	5184112	12.18	cps
Indium	115-2	856010	873988	933472	887823	4.57	cps
Iron	54-2	1706	1722	1739	1722	0.97	cps
Iron	56-2	25952	26414	26291	26219	0.91	cps
Iron	57-2	1017	1200	1122	1113	8.27	cps
Krypton	83-1	212	202	172	196	10.63	cps
Lead	206-1	2917	2478	2239	2545	13.51	cps

LB Number : LB125939 Operator : Jaswal
 Lab Sample ID : O3153-04DUPDLX5 Instrumnet Name : P8
 Client Sample ID : NO3-TRANS-WATERDUI Dilution Factor : 5
 Date & Time Acquired : 2023-06-13 15:57:50 DataFile Name : 064AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	2228	2134	1945	2102	6.86	cps
Lead	208-1	10969	10007	8607	9861	12.04	cps
Lithium	6-1	2791794	2354299	2698457	2614850	8.81	cps
Magnesium	24-2	42245	42788	42053	42362	0.90	cps
Manganese	55-2	34555	34689	34007	34417	1.05	cps
Molybdenum	94-1	1575	1267	1208	1350	14.60	cps
Molybdenum	95-1	2234	2059	1508	1934	19.57	cps
Molybdenum	96-1	2434	2342	2034	2270	9.23	cps
Molybdenum	97-1	1500	1167	1225	1297	13.72	cps
Molybdenum	98-1	3642	3167	3535	3448	7.23	cps
Neodymium	150-1	47	40	47	44	8.66	cps
Neodymium	150-2	10	10	7	9	21.63	cps
Nickel	60-2	290	333	307	310	7.05	cps
Phosphorus	31-2	192	158	183	178	9.76	cps
Potassium	39-2	105803	106172	105249	105741	0.44	cps
Rhodium	103-1	5206351	4257112	5061757	4841740	10.56	cps
Rhodium	103-2	2399600	2418415	2727287	2515101	7.32	cps
Scandium	45-1	3929158	3187199	3816655	3644337	10.97	cps
Scandium	45-2	121669	123922	130671	125421	3.73	cps
Selenium	82-1	31	-4	20	16	112.85	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	29	19	27	25	21.17	cps
Silicon	28-1	4914923	5122003	5006175	5014367	2.07	cps
Silver	107-1	292	233	200	242	19.20	cps
Silver	109-1	150	192	150	164	14.68	cps
Sodium	23-2	301155	293680	292959	295931	1.53	cps
Strontium	86-1	55335	56807	57929	56691	2.29	cps
Strontium	88-1	490706	499839	497775	496107	0.97	cps
Sulfur	34-1	419076	420739	418561	419459	0.27	cps
Terbium	159-1	7532626	6109680	7116322	6919543	10.57	cps
Terbium	159-2	3437044	3370838	3652012	3486631	4.22	cps
Thallium	203-1	617	542	317	492	31.75	cps
Thallium	205-1	1242	1108	817	1056	20.59	cps
Tin	118-1	725	817	783	775	5.99	cps
Titanium	47-1	583	458	508	517	12.18	cps
Uranium	238-1	1884	1283	1042	1403	30.90	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3153-04DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	NO3-TRANS-WATERDU	Dilution Factor :	5
Date & Time Acquired :	2023-06-13 15:57:50	DataFile Name :	064AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	320	293	260	291	10.33	cps
Ytterbium	172-1	50	58	25	44	39.03	cps
Ytterbium	172-2	33	22	22	26	24.74	cps
Ytterbium	176-1	1859	1325	1575	1586	16.82	cps
Ytterbium	176-2	9576	9909	10832	10106	6.44	cps
Yttrium	89-1	10473887	8298638	10046018	9606181	12.00	cps
Yttrium	89-2	1118427	1134395	1212349	1155057	4.35	cps
Zinc	66-2	1003	970	1040	1004	3.49	cps
Zirconium	90-1	758	625	458	614	24.49	cps
Zirconium	91-1	117	200	117	144	33.31	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3153-04LDLX25	Instrumnet Name :	P8
Client Sample ID :	NO3-TRANS-WATERLDI	Dilution Factor :	25
Date & Time Acquired :	2023-06-13 16:00:49	DataFile Name :	065AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	975	924	914	937	3.50	cps
Antimony	121-1	133	83	150	122	28.38	cps
Arsenic	75-2	8	7	4	6	32.87	cps
Barium	135-1	542	583	458	528	12.06	cps
Barium	137-1	867	975	833	892	8.31	cps
Beryllium	9-1	205	179	159	181	12.83	cps
Bismuth	209-1	4845715	4813173	4942128	4867005	1.38	cps
Bismuth	209-2	2641642	2589015	2714593	2648417	2.38	cps
Bromine	81-1	33566	35462	34309	34446	2.77	cps
Cadmium	108-1	38	29	25	31	20.83	cps
Cadmium	106-1	5693	5735	5818	5749	1.11	cps
Cadmium	111-1	2016	2024	2048	2030	0.81	cps
Calcium	43-1	23305	24017	23633	23651	1.51	cps
Calcium	44-1	391844	398045	402893	397594	1.39	cps
Carbon	12-1	2804057	2886481	2903132	2864557	1.85	cps
Carbon	12-2	34541	35168	33681	34463	2.17	cps
Chlorine	35-1	207690	211206	215783	211560	1.92	cps
Chlorine	35-2	1333	1308	1092	1245	10.68	cps
Chromium	52-2	750	607	733	697	11.25	cps
Cobalt	59-2	217	220	180	206	10.80	cps
Copper	63-2	1533	1300	1313	1382	9.48	cps
Dysprosium	156-1	8	25	25	19	49.50	cps
Dysprosium	156-2	3	3	10	6	69.34	cps
Erbium	164-1	58	75	58	64	15.06	cps
Erbium	164-2	20	13	33	22	45.83	cps
Gadolinium	160-1	50	75	42	56	31.22	cps
Gadolinium	160-2	103	123	127	118	10.72	cps
Holmium	165-1	7037570	7355119	7335693	7242794	2.46	cps
Holmium	165-2	3553568	3539068	3514704	3535780	0.56	cps
Indium	115-1	5327492	5426910	5454453	5402952	1.24	cps
Indium	115-2	864141	863352	867296	864930	0.24	cps
Iron	54-2	739	678	772	730	6.56	cps
Iron	56-2	8970	8697	8330	8666	3.70	cps
Iron	57-2	378	322	306	335	11.28	cps
Krypton	83-1	187	235	149	190	22.69	cps
Lead	206-1	995	917	928	946	4.45	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3153-04LDLX25	Instrumnet Name :	P8
Client Sample ID :	NO3-TRANS-WATERLDI	Dilution Factor :	25
Date & Time Acquired :	2023-06-13 16:00:49	DataFile Name :	065AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	833	839	706	793	9.52	cps
Lead	208-1	3967	3867	3556	3797	5.65	cps
Lithium	6-1	2708702	2722975	2787892	2739857	1.54	cps
Magnesium	24-2	8895	8461	8494	8617	2.80	cps
Manganese	55-2	6532	6938	6878	6783	3.24	cps
Molybdenum	94-1	475	525	442	481	8.73	cps
Molybdenum	95-1	825	700	567	697	18.53	cps
Molybdenum	96-1	667	800	650	706	11.65	cps
Molybdenum	97-1	450	367	358	392	12.94	cps
Molybdenum	98-1	1033	1092	900	1008	9.74	cps
Neodymium	150-1	13	13	20	16	24.76	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	160	167	167	164	2.34	cps
Phosphorus	31-2	233	233	283	250	11.55	cps
Potassium	39-2	41887	40859	42187	41644	1.67	cps
Rhodium	103-1	5239282	5181157	5163562	5194667	0.76	cps
Rhodium	103-2	2386717	2425591	2460724	2424344	1.53	cps
Scandium	45-1	3766313	3849398	3870591	3828767	1.44	cps
Scandium	45-2	121589	121915	122521	122008	0.39	cps
Selenium	82-1	-10	1	59	17	221.26	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	21	23	33	26	25.05	cps
Silicon	28-1	1622297	1643177	1650777	1638750	0.90	cps
Silver	107-1	117	92	117	108	13.32	cps
Silver	109-1	75	92	50	72	29.04	cps
Sodium	23-2	73443	71550	73460	72818	1.51	cps
Strontium	86-1	10896	11305	11730	11310	3.69	cps
Strontium	88-1	95956	98338	97180	97158	1.23	cps
Sulfur	34-1	412663	410594	412009	411755	0.26	cps
Terbium	159-1	7353386	7438482	7299388	7363752	0.95	cps
Terbium	159-2	3449216	3419543	3441132	3436630	0.45	cps
Thallium	203-1	250	267	208	242	12.43	cps
Thallium	205-1	633	683	467	594	19.09	cps
Tin	118-1	508	458	617	528	15.34	cps
Titanium	47-1	233	208	225	222	5.73	cps
Uranium	238-1	617	567	383	522	23.53	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3153-04LDLX25	Instrumnet Name :	P8
Client Sample ID :	NO3-TRANS-WATERLDI	Dilution Factor :	25
Date & Time Acquired :	2023-06-13 16:00:49	DataFile Name :	065AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	90	110	37	79	48.05	cps
Ytterbium	172-1	50	42	67	53	24.12	cps
Ytterbium	172-2	28	44	33	35	24.12	cps
Ytterbium	176-1	1608	1717	1567	1631	4.75	cps
Ytterbium	176-2	9620	9982	10098	9900	2.52	cps
Yttrium	89-1	9964721	10289073	10124898	10126231	1.60	cps
Yttrium	89-2	1132123	1130732	1114698	1125851	0.86	cps
Zinc	66-2	387	343	313	348	10.60	cps
Zirconium	90-1	425	408	408	414	2.33	cps
Zirconium	91-1	75	67	83	75	11.11	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3153-04MSDLX5	Instrumnet Name :	P8
Client Sample ID :	NO3-TRANS-WATERMS	Dilution Factor :	5
Date & Time Acquired :	2023-06-13 16:03:52	DataFile Name :	066AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75118	75207	75217	75180	0.07	cps
Antimony	121-1	311174	310954	318699	313609	1.41	cps
Arsenic	75-2	9473	9389	9396	9419	0.50	cps
Barium	135-1	446427	443131	451707	447088	0.97	cps
Barium	137-1	787726	784545	777071	783114	0.70	cps
Beryllium	9-1	124987	128264	129679	127643	1.89	cps
Bismuth	209-1	4904896	5280309	4907183	5030796	4.30	cps
Bismuth	209-2	2594405	2655262	2625596	2625088	1.16	cps
Bromine	81-1	34794	34828	34343	34655	0.78	cps
Cadmium	108-1	7169	7006	7344	7173	2.35	cps
Cadmium	106-1	16719	17386	16385	16830	3.03	cps
Cadmium	111-1	88200	92674	92968	91281	2.93	cps
Calcium	43-1	226868	230443	234143	230485	1.58	cps
Calcium	44-1	3746754	3876608	3884533	3835965	2.02	cps
Carbon	12-1	3236434	3481073	3577895	3431801	5.13	cps
Carbon	12-2	43657	44552	43874	44028	1.06	cps
Chlorine	35-1	234433	234543	237211	235396	0.67	cps
Chlorine	35-2	1525	1525	1583	1545	2.18	cps
Chromium	52-2	96758	96208	95845	96270	0.48	cps
Cobalt	59-2	174347	170236	171963	172182	1.20	cps
Copper	63-2	1391890	1401381	1395071	1396114	0.35	cps
Dysprosium	156-1	92	67	25	61	55.11	cps
Dysprosium	156-2	37	20	33	30	29.40	cps
Erbium	164-1	100	75	67	81	21.53	cps
Erbium	164-2	33	33	23	30	19.25	cps
Gadolinium	160-1	175	108	100	128	32.17	cps
Gadolinium	160-2	167	177	150	164	8.19	cps
Holmium	165-1	7360401	7896415	7441670	7566162	3.82	cps
Holmium	165-2	3481067	3488585	3524660	3498104	0.67	cps
Indium	115-1	5584715	5959272	5572920	5705636	3.85	cps
Indium	115-2	881465	868379	867633	872492	0.89	cps
Iron	54-2	245973	248481	245804	246753	0.61	cps
Iron	56-2	4594502	4674630	4644133	4637755	0.87	cps
Iron	57-2	109427	111902	110726	110685	1.12	cps
Krypton	83-1	201	224	172	199	12.90	cps
Lead	206-1	1208351	1237315	1260099	1235255	2.10	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3153-04MSDLX5	Instrumnet Name :	P8
Client Sample ID :	NO3-TRANS-WATERMS	Dilution Factor :	5
Date & Time Acquired :	2023-06-13 16:03:52	DataFile Name :	066AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1057329	1080097	1083484	1073637	1.32	cps
Lead	208-1	5089742	5170583	5282316	5180880	1.87	cps
Lithium	6-1	2763541	2999159	2823272	2861991	4.28	cps
Magnesium	24-2	943979	948796	952297	948357	0.44	cps
Manganese	55-2	563394	565690	567135	565406	0.33	cps
Molybdenum	94-1	628216	634248	639260	633908	0.87	cps
Molybdenum	95-1	738771	738819	746952	741514	0.64	cps
Molybdenum	96-1	822165	833774	837961	831300	0.98	cps
Molybdenum	97-1	461106	464612	469482	465067	0.90	cps
Molybdenum	98-1	1168050	1183247	1183756	1178351	0.76	cps
Neodymium	150-1	120	140	133	131	7.77	cps
Neodymium	150-2	10	13	17	13	25.01	cps
Nickel	60-2	46262	46753	45984	46333	0.84	cps
Phosphorus	31-2	275	158	208	214	27.37	cps
Potassium	39-2	369944	371423	373747	371705	0.52	cps
Rhodium	103-1	5171829	5621031	5166814	5319891	4.90	cps
Rhodium	103-2	2416787	2375866	2400492	2397715	0.86	cps
Scandium	45-1	3849034	4138528	3919221	3968927	3.80	cps
Scandium	45-2	123156	123811	125687	124218	1.06	cps
Selenium	82-1	6843	6905	6951	6900	0.78	cps
Selenium	77-2	217	307	210	244	22.09	cps
Selenium	78-2	779	785	828	797	3.35	cps
Silicon	28-1	4526457	4594622	4737731	4619603	2.33	cps
Silver	107-1	461980	481030	474929	472646	2.06	cps
Silver	109-1	449336	458245	464520	457367	1.67	cps
Sodium	23-2	1937240	1971452	1969443	1959379	0.98	cps
Strontium	86-1	162304	160127	161357	161263	0.68	cps
Strontium	88-1	1463709	1438161	1420645	1440838	1.50	cps
Sulfur	34-1	413990	417396	416493	415960	0.42	cps
Terbium	159-1	7464176	8085213	7449271	7666220	4.73	cps
Terbium	159-2	3442354	3490147	3481242	3471248	0.73	cps
Thallium	203-1	352257	355229	362261	356582	1.44	cps
Thallium	205-1	855664	869304	883519	869496	1.60	cps
Tin	118-1	290976	291850	298761	293862	1.45	cps
Titanium	47-1	223346	231842	232460	229216	2.22	cps
Uranium	238-1	1136709	1164921	1201000	1167543	2.76	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3153-04MSDLX5	Instrumnet Name :	P8
Client Sample ID :	NO3-TRANS-WATERMS	Dilution Factor :	5
Date & Time Acquired :	2023-06-13 16:03:52	DataFile Name :	066AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	78674	77066	76888	77543	1.27	cps
Ytterbium	172-1	67	58	42	56	22.91	cps
Ytterbium	172-2	33	39	28	33	16.67	cps
Ytterbium	176-1	2584	2634	2542	2586	1.77	cps
Ytterbium	176-2	10443	10771	10260	10491	2.47	cps
Yttrium	89-1	10378363	11180879	10253810	10604351	4.74	cps
Yttrium	89-2	1131118	1134077	1121857	1129017	0.56	cps
Zinc	66-2	1927	1833	1877	1879	2.49	cps
Zirconium	90-1	596843	594257	598578	596559	0.36	cps
Zirconium	91-1	128699	132451	132831	131327	1.74	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3153-04MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	NO3-TRANS-WATERMS	Dilution Factor :	5
Date & Time Acquired :	2023-06-13 16:06:49	DataFile Name :	067AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75921	75812	75695	75810	0.15	cps
Antimony	121-1	317922	320725	324199	320949	0.98	cps
Arsenic	75-2	9538	9483	9427	9483	0.59	cps
Barium	135-1	450671	453820	457837	454110	0.79	cps
Barium	137-1	785275	804873	795455	795201	1.23	cps
Beryllium	9-1	127320	129723	130350	129131	1.24	cps
Bismuth	209-1	4739040	4834105	4868191	4813779	1.39	cps
Bismuth	209-2	2544385	2596739	2578506	2573210	1.03	cps
Bromine	81-1	35630	33274	34535	34479	3.42	cps
Cadmium	108-1	7260	7294	7673	7409	3.09	cps
Cadmium	106-1	16727	17028	17545	17100	2.42	cps
Cadmium	111-1	90206	90623	92833	91221	1.55	cps
Calcium	43-1	231320	233621	236145	233695	1.03	cps
Calcium	44-1	3851097	3902217	3875536	3876283	0.66	cps
Carbon	12-1	3512251	3755336	3783326	3683638	4.05	cps
Carbon	12-2	45881	47878	47293	47017	2.18	cps
Chlorine	35-1	233867	238358	241225	237816	1.56	cps
Chlorine	35-2	1450	1717	1683	1617	8.99	cps
Chromium	52-2	96070	96986	96248	96435	0.50	cps
Cobalt	59-2	171442	173507	173217	172722	0.65	cps
Copper	63-2	1411043	1411921	1405156	1409373	0.26	cps
Dysprosium	156-1	58	42	83	61	34.32	cps
Dysprosium	156-2	33	40	33	36	10.83	cps
Erbium	164-1	58	83	75	72	17.63	cps
Erbium	164-2	53	27	33	38	36.73	cps
Gadolinium	160-1	183	75	117	125	43.72	cps
Gadolinium	160-2	147	160	130	146	10.33	cps
Holmium	165-1	7256830	7305938	7305378	7289382	0.39	cps
Holmium	165-2	3572021	3525990	3480217	3526076	1.30	cps
Indium	115-1	5402311	5411146	5467450	5426969	0.65	cps
Indium	115-2	870238	858975	847401	858871	1.33	cps
Iron	54-2	249532	246092	248166	247930	0.70	cps
Iron	56-2	4659470	4671379	4676352	4669067	0.19	cps
Iron	57-2	111404	114271	113795	113156	1.36	cps
Krypton	83-1	161	200	202	188	12.31	cps
Lead	206-1	1229265	1252035	1261273	1247524	1.32	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3153-04MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	NO3-TRANS-WATERMS	Dilution Factor :	5
Date & Time Acquired :	2023-06-13 16:06:49	DataFile Name :	067AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1065543	1090501	1084069	1080038	1.20	cps
Lead	208-1	5125089	5247963	5204573	5192542	1.20	cps
Lithium	6-1	2743529	2711697	2673030	2709419	1.30	cps
Magnesium	24-2	946520	943357	960923	950267	0.99	cps
Manganese	55-2	572201	570024	571166	571130	0.19	cps
Molybdenum	94-1	630257	648289	651721	643422	1.79	cps
Molybdenum	95-1	737552	748828	753853	746744	1.12	cps
Molybdenum	96-1	826615	828677	840514	831935	0.90	cps
Molybdenum	97-1	461550	461814	476784	466716	1.87	cps
Molybdenum	98-1	1184068	1200675	1215870	1200204	1.33	cps
Neodymium	150-1	133	167	127	142	15.07	cps
Neodymium	150-2	13	17	10	13	25.01	cps
Nickel	60-2	47101	47231	47639	47324	0.59	cps
Phosphorus	31-2	167	192	333	231	38.99	cps
Potassium	39-2	373534	373246	370899	372560	0.39	cps
Rhodium	103-1	5087671	5154456	5224066	5155398	1.32	cps
Rhodium	103-2	2433940	2412097	2352623	2399553	1.75	cps
Scandium	45-1	3769962	3852697	3829778	3817479	1.12	cps
Scandium	45-2	124137	123731	120669	122846	1.54	cps
Selenium	82-1	6973	7023	7052	7016	0.57	cps
Selenium	77-2	227	227	223	226	0.85	cps
Selenium	78-2	797	791	780	789	1.09	cps
Silicon	28-1	4669926	4744522	4729033	4714494	0.83	cps
Silver	107-1	477368	481714	496355	485146	2.05	cps
Silver	109-1	457798	458533	469727	462019	1.45	cps
Sodium	23-2	1983768	1981426	2009040	1991411	0.77	cps
Strontium	86-1	157710	163034	162022	160922	1.76	cps
Strontium	88-1	1439898	1465033	1454983	1453304	0.87	cps
Sulfur	34-1	423507	425439	427392	425446	0.46	cps
Terbium	159-1	7490069	7503215	7421673	7471652	0.59	cps
Terbium	159-2	3532119	3442537	3362170	3445608	2.47	cps
Thallium	203-1	362041	362823	365635	363500	0.52	cps
Thallium	205-1	865751	872806	888922	875826	1.36	cps
Tin	118-1	291042	299848	302974	297955	2.08	cps
Titanium	47-1	231034	232029	235749	232937	1.07	cps
Uranium	238-1	1161889	1173361	1177955	1171068	0.71	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3153-04MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	NO3-TRANS-WATERMS	Dilution Factor :	5
Date & Time Acquired :	2023-06-13 16:06:49	DataFile Name :	067AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	77089	76593	78055	77246	0.96	cps
Ytterbium	172-1	33	58	67	53	32.87	cps
Ytterbium	172-2	44	11	39	31	56.73	cps
Ytterbium	176-1	2384	2725	2484	2531	6.94	cps
Ytterbium	176-2	10004	10349	10076	10143	1.79	cps
Yttrium	89-1	10086692	10249633	10160292	10165539	0.80	cps
Yttrium	89-2	1134752	1126061	1108329	1123047	1.20	cps
Zinc	66-2	2034	1930	1970	1978	2.63	cps
Zirconium	90-1	589817	604400	616749	603655	2.23	cps
Zirconium	91-1	134042	132460	138180	134894	2.19	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3153-04ADLX5	Instrumnet Name :	P8
Client Sample ID :	NO3-TRANS-WATERADI	Dilution Factor :	5
Date & Time Acquired :	2023-06-13 16:09:48	DataFile Name :	068AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75609	76581	76379	76189	0.67	cps
Antimony	121-1	316080	319498	323867	319815	1.22	cps
Arsenic	75-2	9394	9411	9582	9462	1.10	cps
Barium	135-1	453474	452825	462171	456156	1.14	cps
Barium	137-1	796599	796558	812978	802045	1.18	cps
Beryllium	9-1	127921	131277	131495	130231	1.54	cps
Bismuth	209-1	4827304	4865650	4564917	4752624	3.44	cps
Bismuth	209-2	2590727	2644598	2421761	2552362	4.56	cps
Bromine	81-1	34861	35445	35345	35217	0.89	cps
Cadmium	108-1	7360	7181	7552	7365	2.52	cps
Cadmium	106-1	17053	16794	16402	16749	1.96	cps
Cadmium	111-1	90128	93795	93084	92336	2.11	cps
Calcium	43-1	233758	237095	238024	236292	0.95	cps
Calcium	44-1	3785323	3936176	3926939	3882813	2.18	cps
Carbon	12-1	3360409	3597726	3668373	3542169	4.55	cps
Carbon	12-2	45128	46683	45454	45755	1.79	cps
Chlorine	35-1	241377	244445	246013	243945	0.97	cps
Chlorine	35-2	1483	1450	1508	1481	1.98	cps
Chromium	52-2	98563	98023	97372	97986	0.61	cps
Cobalt	59-2	172424	171615	175326	173121	1.13	cps
Copper	63-2	1415218	1399084	1408577	1407626	0.58	cps
Dysprosium	156-1	83	83	42	69	34.64	cps
Dysprosium	156-2	23	23	33	27	21.65	cps
Erbium	164-1	42	100	133	92	50.62	cps
Erbium	164-2	20	23	30	24	20.83	cps
Gadolinium	160-1	125	142	75	114	30.46	cps
Gadolinium	160-2	170	187	160	172	7.82	cps
Holmium	165-1	7124916	7208644	7024347	7119302	1.30	cps
Holmium	165-2	3481492	3385698	3242044	3369745	3.58	cps
Indium	115-1	5279240	5510890	5296675	5362268	2.41	cps
Indium	115-2	866531	858147	799403	841360	4.35	cps
Iron	54-2	248489	247313	249703	248502	0.48	cps
Iron	56-2	4669561	4676513	4611690	4652588	0.76	cps
Iron	57-2	112624	111925	113436	112662	0.67	cps
Krypton	83-1	194	219	191	201	7.56	cps
Lead	206-1	1247688	1250266	1268298	1255417	0.89	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3153-04ADLX5	Instrumnet Name :	P8
Client Sample ID :	NO3-TRANS-WATERADI	Dilution Factor :	5
Date & Time Acquired :	2023-06-13 16:09:48	DataFile Name :	068AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1092979	1115388	1104708	1104358	1.01	cps
Lead	208-1	5227780	5242864	5310096	5260247	0.83	cps
Lithium	6-1	2627833	2646947	2625475	2633418	0.45	cps
Magnesium	24-2	944919	945689	961738	950782	1.00	cps
Manganese	55-2	573129	570136	575245	572836	0.45	cps
Molybdenum	94-1	650099	655162	649352	651538	0.49	cps
Molybdenum	95-1	753064	762933	758096	758031	0.65	cps
Molybdenum	96-1	836428	842400	852964	843931	0.99	cps
Molybdenum	97-1	465442	473305	471272	470006	0.87	cps
Molybdenum	98-1	1200735	1209795	1206415	1205648	0.38	cps
Neodymium	150-1	107	100	173	127	32.02	cps
Neodymium	150-2	20	20	23	21	9.11	cps
Nickel	60-2	46703	45573	46382	46219	1.26	cps
Phosphorus	31-2	250	233	142	208	28.00	cps
Potassium	39-2	371209	369732	374576	371839	0.67	cps
Rhodium	103-1	4980218	5109801	4900168	4996729	2.12	cps
Rhodium	103-2	2390883	2364891	2278644	2344806	2.51	cps
Scandium	45-1	3725430	3824922	3712504	3754285	1.64	cps
Scandium	45-2	124389	121982	115013	120461	4.04	cps
Selenium	82-1	6967	6802	7030	6933	1.70	cps
Selenium	77-2	280	250	213	248	13.48	cps
Selenium	78-2	792	863	811	822	4.47	cps
Silicon	28-1	4667520	4740447	4663515	4690494	0.92	cps
Silver	107-1	484664	483261	492626	486850	1.04	cps
Silver	109-1	463929	461630	475664	467074	1.61	cps
Sodium	23-2	1935802	2015138	1943660	1964867	2.22	cps
Strontium	86-1	160770	166408	166153	164444	1.94	cps
Strontium	88-1	1504583	1485708	1482664	1490985	0.80	cps
Sulfur	34-1	425881	428910	429890	428227	0.49	cps
Terbium	159-1	7288417	7387276	7155634	7277109	1.60	cps
Terbium	159-2	3416733	3350017	3228262	3331671	2.87	cps
Thallium	203-1	360208	369381	363280	364290	1.28	cps
Thallium	205-1	875137	879752	884115	879668	0.51	cps
Tin	118-1	295770	302413	302259	300147	1.26	cps
Titanium	47-1	232480	238355	239825	236887	1.64	cps
Uranium	238-1	1195343	1210453	1185333	1197043	1.06	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3153-04ADLX5	Instrumnet Name :	P8
Client Sample ID :	NO3-TRANS-WATERADI	Dilution Factor :	5
Date & Time Acquired :	2023-06-13 16:09:48	DataFile Name :	068AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	79016	79117	79063	79065	0.06	cps
Ytterbium	172-1	33	33	25	31	15.74	cps
Ytterbium	172-2	39	44	22	35	32.88	cps
Ytterbium	176-1	2817	2317	2175	2436	13.84	cps
Ytterbium	176-2	9898	10137	9515	9850	3.19	cps
Yttrium	89-1	10213005	10173812	9584696	9990504	3.52	cps
Yttrium	89-2	1112066	1126516	1062545	1100376	3.05	cps
Zinc	66-2	2207	2264	2187	2219	1.79	cps
Zirconium	90-1	613317	612273	613878	613156	0.13	cps
Zirconium	91-1	136431	136297	134268	135665	0.89	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P8
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 16:21:50	DataFile Name :	070CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1740458	1745044	1786041	1757181	1.43	cps
Antimony	121-1	1657383	1667087	1700538	1675003	1.35	cps
Arsenic	75-2	45544	45747	46162	45818	0.69	cps
Barium	135-1	2232407	2241697	2284892	2252998	1.24	cps
Barium	137-1	3776889	3875150	3852863	3834967	1.34	cps
Beryllium	9-1	638563	647578	636542	640894	0.92	cps
Bismuth	209-1	4448744	4547796	4548598	4515046	1.27	cps
Bismuth	209-2	2381771	2449947	2470507	2434075	1.91	cps
Bromine	81-1	34251	34076	33700	34009	0.83	cps
Cadmium	108-1	36248	36628	37125	36667	1.20	cps
Cadmium	106-1	58458	60884	59504	59615	2.04	cps
Cadmium	111-1	416276	421921	422064	420087	0.79	cps
Calcium	43-1	3096772	3144412	3094928	3112037	0.90	cps
Calcium	44-1	49407314	49931087	48836637	49391679	1.11	cps
Carbon	12-1	2642949	2822050	2843687	2769562	3.98	cps
Carbon	12-2	36095	35911	38108	36705	3.32	cps
Chlorine	35-1	235669	241058	242404	239710	1.49	cps
Chlorine	35-2	1425	1617	1633	1558	7.43	cps
Chromium	52-2	501564	500108	508424	503365	0.88	cps
Cobalt	59-2	842493	853033	864282	853269	1.28	cps
Copper	63-2	6841614	6897407	6963173	6900731	0.88	cps
Dysprosium	156-1	542	475	533	517	7.03	cps
Dysprosium	156-2	290	253	310	284	10.10	cps
Erbium	164-1	150	167	183	167	10.00	cps
Erbium	164-2	67	63	73	68	7.51	cps
Gadolinium	160-1	583	583	542	569	4.22	cps
Gadolinium	160-2	443	373	370	396	10.47	cps
Holmium	165-1	6984301	7222735	7280000	7162345	2.19	cps
Holmium	165-2	3453914	3468506	3534025	3485482	1.22	cps
Indium	115-1	4981752	5240357	5270558	5164222	3.07	cps
Indium	115-2	819627	824356	846382	830122	1.72	cps
Iron	54-2	5792324	5767529	5924099	5827984	1.44	cps
Iron	56-2	106119697	105809469	105237902	105722356	0.42	cps
Iron	57-2	2727661	2719810	2772184	2739885	1.03	cps
Krypton	83-1	175	240	215	210	15.61	cps
Lead	206-1	8062568	8237894	8067814	8122759	1.23	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P8
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 16:21:50	DataFile Name :	070CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	6965165	7098969	6984597	7016243	1.03	cps
Lead	208-1	31863876	32724021	31854020	32147306	1.55	cps
Lithium	6-1	2633561	2716131	2618714	2656135	1.98	cps
Magnesium	24-2	22322373	22584408	23077487	22661423	1.69	cps
Manganese	55-2	2860824	2908283	2889419	2886175	0.83	cps
Molybdenum	94-1	6656048	6738758	6776768	6723858	0.92	cps
Molybdenum	95-1	9612473	9705479	9610153	9642701	0.56	cps
Molybdenum	96-1	10607566	10722750	10568524	10632947	0.75	cps
Molybdenum	97-1	5984948	5927168	6099838	6003985	1.46	cps
Molybdenum	98-1	15365213	15802781	15484591	15550862	1.45	cps
Neodymium	150-1	567	393	520	493	18.18	cps
Neodymium	150-2	87	70	67	74	14.39	cps
Nickel	60-2	225883	227095	230210	227729	0.98	cps
Phosphorus	31-2	17987	18270	18120	18126	0.78	cps
Potassium	39-2	7770289	7713271	8010435	7831332	2.01	cps
Rhodium	103-1	4641943	4793229	4885037	4773403	2.57	cps
Rhodium	103-2	2195289	2252325	2261945	2236520	1.61	cps
Scandium	45-1	3732980	3874338	3706525	3771281	2.39	cps
Scandium	45-2	121273	120093	123973	121780	1.63	cps
Selenium	82-1	32787	34014	33049	33283	1.94	cps
Selenium	77-2	1090	1063	1123	1092	2.75	cps
Selenium	78-2	3812	3867	3761	3813	1.39	cps
Silicon	28-1	30932714	31322458	30865459	31040210	0.79	cps
Silver	107-1	2222455	2271981	2257598	2250678	1.13	cps
Silver	109-1	2144084	2170380	2135557	2150007	0.84	cps
Sodium	23-2	40452562	40747096	41930652	41043437	1.91	cps
Strontium	86-1	14535842	14848898	14456908	14613882	1.42	cps
Strontium	88-1	126764974	128677745	127625170	127689296	0.75	cps
Sulfur	34-1	657411	654828	648080	653440	0.74	cps
Terbium	159-1	7171572	7306713	7436832	7305039	1.82	cps
Terbium	159-2	3383083	3333009	3409634	3375242	1.15	cps
Thallium	203-1	1965870	1946033	1939082	1950329	0.71	cps
Thallium	205-1	4689656	4827314	4590986	4702652	2.52	cps
Tin	118-1	1431734	1445734	1453016	1443495	0.75	cps
Titanium	47-1	2912680	2874652	2888153	2891828	0.67	cps
Uranium	238-1	6390489	6596866	6458882	6482079	1.62	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P8
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 16:21:50	DataFile Name :	070CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	394367	393337	404064	397256	1.49	cps
Ytterbium	172-1	200	175	117	164	26.09	cps
Ytterbium	172-2	56	100	50	69	39.99	cps
Ytterbium	176-1	9712	9370	9304	9462	2.32	cps
Ytterbium	176-2	13602	13891	13896	13796	1.22	cps
Yttrium	89-1	9678954	10324269	9885857	9963027	3.31	cps
Yttrium	89-2	1109529	1115412	1127592	1117511	0.82	cps
Zinc	66-2	784341	791104	804848	793431	1.32	cps
Zirconium	90-1	3340871	3391171	3359734	3363925	0.76	cps
Zirconium	91-1	720718	730297	731544	727520	0.81	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	CCB16	Instrumnet Name :	P8
Client Sample ID :	CCB16	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 16:27:37	DataFile Name :	071CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	52	51	67	57	15.84	cps
Antimony	121-1	475	583	358	472	23.83	cps
Arsenic	75-2	1	3	4	3	57.28	cps
Barium	135-1	267	308	50	208	66.57	cps
Barium	137-1	433	367	67	289	67.61	cps
Beryllium	9-1	462	436	410	436	6.02	cps
Bismuth	209-1	4719476	4984130	4944532	4882713	2.92	cps
Bismuth	209-2	2248793	2467648	2657864	2458102	8.33	cps
Bromine	81-1	33967	34694	35421	34694	2.10	cps
Cadmium	108-1	54	13	33	33	62.51	cps
Cadmium	106-1	5351	5718	5843	5637	4.54	cps
Cadmium	111-1	1897	2043	2047	1996	4.26	cps
Calcium	43-1	377	537	195	370	46.32	cps
Calcium	44-1	14815	14875	11522	13737	13.97	cps
Carbon	12-1	2219454	2224701	2210075	2218077	0.33	cps
Carbon	12-2	25523	25447	25640	25537	0.38	cps
Chlorine	35-1	192475	196341	196687	195168	1.20	cps
Chlorine	35-2	1158	1325	1183	1222	7.35	cps
Chromium	52-2	713	647	717	692	5.70	cps
Cobalt	59-2	77	117	123	106	23.91	cps
Copper	63-2	1177	1160	1107	1148	3.19	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	42	58	92	64	39.85	cps
Erbium	164-2	23	30	37	30	22.23	cps
Gadolinium	160-1	42	75	75	64	30.12	cps
Gadolinium	160-2	113	160	127	133	18.03	cps
Holmium	165-1	6997632	7278553	7161978	7146054	1.98	cps
Holmium	165-2	3001082	3368279	3512173	3293845	8.00	cps
Indium	115-1	5311475	5555725	5382011	5416404	2.32	cps
Indium	115-2	739581	815330	871504	808805	8.19	cps
Iron	54-2	689	683	650	674	3.12	cps
Iron	56-2	6402	6435	7564	6800	9.73	cps
Iron	57-2	272	200	189	220	20.53	cps
Krypton	83-1	195	196	179	190	5.14	cps
Lead	206-1	1000	1061	594	885	28.65	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	CCB16	Instrumnet Name :	P8
Client Sample ID :	CCB16	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 16:27:37	DataFile Name :	071CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1039	1089	522	883	35.52	cps
Lead	208-1	4551	5029	2522	4034	32.99	cps
Lithium	6-1	2656410	2717132	2632454	2668666	1.64	cps
Magnesium	24-2	633	692	992	772	24.90	cps
Manganese	55-2	183	190	187	187	1.78	cps
Molybdenum	94-1	925	725	492	714	30.38	cps
Molybdenum	95-1	1208	1167	400	925	49.21	cps
Molybdenum	96-1	1342	1125	517	995	43.01	cps
Molybdenum	97-1	567	650	250	489	43.17	cps
Molybdenum	98-1	2267	1550	792	1536	48.03	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	0	0	13	4	173.21	cps
Nickel	60-2	127	103	103	111	12.13	cps
Phosphorus	31-2	217	233	150	200	22.05	cps
Potassium	39-2	28437	27402	28345	28061	2.04	cps
Rhodium	103-1	4946928	5157708	5224973	5109870	2.84	cps
Rhodium	103-2	2046218	2290700	2413112	2250010	8.30	cps
Scandium	45-1	3681164	3818298	3788165	3762542	1.92	cps
Scandium	45-2	105906	112117	121253	113092	6.83	cps
Selenium	82-1	56	27	42	42	34.18	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	30	29	23	27	13.85	cps
Silicon	28-1	797124	792576	790318	793339	0.44	cps
Silver	107-1	208	233	92	178	42.53	cps
Silver	109-1	133	150	67	117	37.79	cps
Sodium	23-2	27067	26834	27209	27037	0.70	cps
Strontium	86-1	1333	1433	525	1097	45.40	cps
Strontium	88-1	9424	9801	2134	7120	60.71	cps
Sulfur	34-1	427079	432629	434590	431432	0.90	cps
Terbium	159-1	6952060	7455762	7403087	7270303	3.81	cps
Terbium	159-2	2853692	3199721	3517830	3190414	10.41	cps
Thallium	203-1	500	417	475	464	9.22	cps
Thallium	205-1	1442	1333	875	1217	24.73	cps
Tin	118-1	508	633	500	547	13.65	cps
Titanium	47-1	492	367	192	350	43.06	cps
Uranium	238-1	583	658	133	458	61.95	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	CCB16	Instrumnet Name :	P8
Client Sample ID :	CCB16	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 16:27:37	DataFile Name :	071CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	27	20	20	22	17.33	cps
Ytterbium	172-1	75	33	25	44	60.28	cps
Ytterbium	172-2	28	11	11	17	57.75	cps
Ytterbium	176-1	1575	1742	1617	1645	5.27	cps
Ytterbium	176-2	8103	9148	10082	9111	10.87	cps
Yttrium	89-1	9918636	10249451	9989622	10052570	1.73	cps
Yttrium	89-2	966366	1048059	1126913	1047113	7.67	cps
Zinc	66-2	127	140	113	127	10.52	cps
Zirconium	90-1	792	483	358	544	40.97	cps
Zirconium	91-1	108	67	117	97	27.55	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3170-01DLX25	Instrumnet Name :	P8
Client Sample ID :	AUD-1917DL	Dilution Factor :	25
Date & Time Acquired :	2023-06-13 16:32:13	DataFile Name :	072AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7555	7530	7400	7495	1.11	cps
Antimony	121-1	3742	4501	4734	4326	11.99	cps
Arsenic	75-2	37	50	43	43	15.03	cps
Barium	135-1	5685	5735	5643	5687	0.81	cps
Barium	137-1	9862	9887	9937	9896	0.39	cps
Beryllium	9-1	340	351	350	347	1.78	cps
Bismuth	209-1	4361908	4214893	4634184	4403661	4.83	cps
Bismuth	209-2	2687391	2550161	2569648	2602400	2.85	cps
Bromine	81-1	129429	142790	150047	140755	7.43	cps
Cadmium	108-1	1579	1821	1738	1713	7.17	cps
Cadmium	106-1	5218	4776	5701	5232	8.85	cps
Cadmium	111-1	2625	2201	2717	2514	10.94	cps
Calcium	43-1	13054	13226	13298	13193	0.95	cps
Calcium	44-1	365015	397675	414449	392379	6.41	cps
Carbon	12-1	320971524	362932150	383475292	355792989	8.95	cps
Carbon	12-2	4373916	4477811	4550635	4467454	1.99	cps
Chlorine	35-1	197990	199817	202840	200215	1.22	cps
Chlorine	35-2	1175	1517	1333	1342	12.74	cps
Chromium	52-2	3067	3230	3310	3203	3.87	cps
Cobalt	59-2	283	410	367	353	18.22	cps
Copper	63-2	374021	383217	380655	379298	1.25	cps
Dysprosium	156-1	58	125	83	89	37.89	cps
Dysprosium	156-2	43	40	37	40	8.32	cps
Erbium	164-1	117	75	100	97	21.57	cps
Erbium	164-2	53	40	50	48	14.52	cps
Gadolinium	160-1	158	100	67	108	42.83	cps
Gadolinium	160-2	197	153	193	181	13.31	cps
Holmium	165-1	6509460	6026678	6913071	6483070	6.85	cps
Holmium	165-2	3635453	3489582	3396744	3507260	3.43	cps
Indium	115-1	4960475	4602896	5179867	4914413	5.93	cps
Indium	115-2	887079	852490	843340	860970	2.68	cps
Iron	54-2	11683	12278	12444	12135	3.30	cps
Iron	56-2	203452	217824	206074	209117	3.66	cps
Iron	57-2	5045	5379	5423	5283	3.91	cps
Krypton	83-1	229	196	172	199	14.18	cps
Lead	206-1	51446	52155	54018	52540	2.53	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3170-01DLX25	Instrumnet Name :	P8
Client Sample ID :	AUD-1917DL	Dilution Factor :	25
Date & Time Acquired :	2023-06-13 16:32:13	DataFile Name :	072AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	44521	46266	46249	45679	2.19	cps
Lead	208-1	204728	210940	212736	209468	2.01	cps
Lithium	6-1	2440082	2300180	2651339	2463867	7.18	cps
Magnesium	24-2	19797	20306	19814	19972	1.45	cps
Manganese	55-2	11685	12062	11702	11816	1.80	cps
Molybdenum	94-1	2253634	2355970	2297172	2302259	2.23	cps
Molybdenum	95-1	3886699	4044760	4092480	4007980	2.69	cps
Molybdenum	96-1	4239330	4345652	4351678	4312220	1.47	cps
Molybdenum	97-1	2497601	2544401	2484540	2508847	1.25	cps
Molybdenum	98-1	6292753	6520106	6392135	6401664	1.78	cps
Neodymium	150-1	60	87	73	73	18.18	cps
Neodymium	150-2	37	43	30	37	18.18	cps
Nickel	60-2	1303	1337	1350	1330	1.81	cps
Phosphorus	31-2	1358	1275	1392	1342	4.48	cps
Potassium	39-2	5786578	5702003	5704614	5731065	0.84	cps
Rhodium	103-1	4624793	4329786	4781710	4578763	5.01	cps
Rhodium	103-2	2400475	2313136	2323464	2345691	2.03	cps
Scandium	45-1	3558515	3267267	3677768	3501183	6.03	cps
Scandium	45-2	126524	119451	119179	121718	3.42	cps
Selenium	82-1	217	220	285	241	15.89	cps
Selenium	77-2	7	0	3	3	100.05	cps
Selenium	78-2	32	43	33	36	16.90	cps
Silicon	28-1	4897168	5453119	5583186	5311158	6.86	cps
Silver	107-1	733	817	842	797	7.12	cps
Silver	109-1	817	642	742	733	11.97	cps
Sodium	23-2	15846176	16328043	16128811	16101010	1.50	cps
Strontium	86-1	10779	11030	12114	11308	6.27	cps
Strontium	88-1	91994	94242	99978	95405	4.32	cps
Sulfur	34-1	498339	496944	496330	497205	0.21	cps
Terbium	159-1	6664316	6190043	6954780	6603047	5.85	cps
Terbium	159-2	3553780	3325290	3396368	3425146	3.41	cps
Thallium	203-1	517	475	617	536	13.58	cps
Thallium	205-1	1283	1292	1492	1356	8.70	cps
Tin	118-1	8369	8378	8845	8531	3.19	cps
Titanium	47-1	1433	1759	1733	1642	11.02	cps
Uranium	238-1	592	683	783	686	13.97	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3170-01DLX25	Instrumnet Name :	P8
Client Sample ID :	AUD-1917DL	Dilution Factor :	25
Date & Time Acquired :	2023-06-13 16:32:13	DataFile Name :	072AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	787	810	823	807	2.30	cps
Ytterbium	172-1	58	67	58	61	7.88	cps
Ytterbium	172-2	6	6	33	15	108.21	cps
Ytterbium	176-1	1717	1433	1650	1600	9.26	cps
Ytterbium	176-2	10160	9909	9554	9874	3.08	cps
Yttrium	89-1	9353171	8567020	9605173	9175121	5.90	cps
Yttrium	89-2	1161480	1109038	1107848	1126122	2.72	cps
Zinc	66-2	141364	144336	143472	143057	1.07	cps
Zirconium	90-1	1667	1859	2650	2059	25.33	cps
Zirconium	91-1	308	433	467	403	20.73	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3170-02DLX25	Instrumnet Name :	P8
Client Sample ID :	AUD-2012DL	Dilution Factor :	25
Date & Time Acquired :	2023-06-13 16:35:13	DataFile Name :	073AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	401	410	415	409	1.70	cps
Antimony	121-1	3267	2884	3142	3098	6.31	cps
Arsenic	75-2	54	57	60	57	5.26	cps
Barium	135-1	317	275	258	283	10.61	cps
Barium	137-1	650	725	442	606	24.24	cps
Beryllium	9-1	286	240	267	265	8.79	cps
Bismuth	209-1	5340545	5476165	5381022	5399244	1.29	cps
Bismuth	209-2	2387680	2829097	2733851	2650209	8.77	cps
Bromine	81-1	53545	50993	48794	51111	4.65	cps
Cadmium	108-1	79	88	92	86	7.39	cps
Cadmium	106-1	6277	6477	6543	6432	2.16	cps
Cadmium	111-1	2208	2239	2268	2238	1.33	cps
Calcium	43-1	7756	7600	7605	7654	1.16	cps
Calcium	44-1	283835	302100	310112	298682	4.51	cps
Carbon	12-1	346173058	368394800	380057867	364875241	4.72	cps
Carbon	12-2	4306095	4249348	4264453	4273299	0.69	cps
Chlorine	35-1	242981	256831	261556	253789	3.80	cps
Chlorine	35-2	1650	1717	1567	1645	4.57	cps
Chromium	52-2	11465	12025	11501	11664	2.69	cps
Cobalt	59-2	87	80	90	86	5.95	cps
Copper	63-2	1967	1917	1987	1957	1.84	cps
Dysprosium	156-1	33	8	8	17	86.62	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	17	42	67	42	60.00	cps
Erbium	164-2	27	17	23	22	22.91	cps
Gadolinium	160-1	108	92	75	92	18.18	cps
Gadolinium	160-2	97	143	150	130	22.35	cps
Holmium	165-1	8038603	7923728	7927002	7963111	0.82	cps
Holmium	165-2	3181365	3758067	3595462	3511631	8.47	cps
Indium	115-1	5968896	5971052	5857964	5932637	1.09	cps
Indium	115-2	773523	911596	893365	859495	8.73	cps
Iron	54-2	220347	221665	221672	221228	0.35	cps
Iron	56-2	4221784	4176112	4185671	4194522	0.57	cps
Iron	57-2	101458	99232	97760	99483	1.87	cps
Krypton	83-1	184	212	191	196	7.62	cps
Lead	206-1	31795	31555	31394	31581	0.64	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3170-02DLX25	Instrumnet Name :	P8
Client Sample ID :	AUD-2012DL	Dilution Factor :	25
Date & Time Acquired :	2023-06-13 16:35:13	DataFile Name :	073AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	25470	25264	25180	25305	0.59	cps
Lead	208-1	118359	119470	118483	118771	0.51	cps
Lithium	6-1	2936725	2900688	2902911	2913441	0.69	cps
Magnesium	24-2	1275	1300	1483	1353	8.41	cps
Manganese	55-2	3520	3674	3761	3652	3.33	cps
Molybdenum	94-1	2442	2084	1183	1903	34.07	cps
Molybdenum	95-1	3701	4054	1934	3229	35.18	cps
Molybdenum	96-1	3942	2900	1809	2884	37.00	cps
Molybdenum	97-1	2417	1675	1000	1697	41.75	cps
Molybdenum	98-1	5585	4543	2725	4284	33.78	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	580	607	690	626	9.17	cps
Phosphorus	31-2	758	658	800	739	9.85	cps
Potassium	39-2	1668906	1604181	1629016	1634034	2.00	cps
Rhodium	103-1	5608383	5632276	5617197	5619285	0.22	cps
Rhodium	103-2	2173988	2538729	2537609	2416776	8.70	cps
Scandium	45-1	4252910	4212125	4127945	4197660	1.52	cps
Scandium	45-2	110768	129070	124609	121482	7.86	cps
Selenium	82-1	211	189	322	241	29.74	cps
Selenium	77-2	17	7	13	12	41.65	cps
Selenium	78-2	69	70	79	73	7.58	cps
Silicon	28-1	4069168	4241217	4404468	4238284	3.96	cps
Silver	107-1	100	125	150	125	20.00	cps
Silver	109-1	67	92	42	67	37.50	cps
Sodium	23-2	688201	685963	691237	688467	0.38	cps
Strontium	86-1	5610	5710	4618	5312	11.37	cps
Strontium	88-1	46790	44356	40635	43927	7.06	cps
Sulfur	34-1	485596	495539	501226	494121	1.60	cps
Terbium	159-1	8085158	8046391	7967388	8032979	0.75	cps
Terbium	159-2	3037054	3594638	3562758	3398150	9.21	cps
Thallium	203-1	375	392	333	367	8.19	cps
Thallium	205-1	825	833	817	825	1.01	cps
Tin	118-1	3517	3684	3584	3595	2.33	cps
Titanium	47-1	608	742	600	650	12.23	cps
Uranium	238-1	400	308	125	278	50.41	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	O3170-02DLX25	Instrumnet Name :	P8
Client Sample ID :	AUD-2012DL	Dilution Factor :	25
Date & Time Acquired :	2023-06-13 16:35:13	DataFile Name :	073AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	483	443	360	429	14.67	cps
Ytterbium	172-1	83	42	33	53	50.76	cps
Ytterbium	172-2	22	28	33	28	20.00	cps
Ytterbium	176-1	1742	2034	1900	1892	7.72	cps
Ytterbium	176-2	8992	10343	10104	9813	7.35	cps
Yttrium	89-1	11118199	10985439	11013547	11039062	0.63	cps
Yttrium	89-2	1000906	1194099	1162534	1119180	9.26	cps
Zinc	66-2	2254	2134	2014	2134	5.63	cps
Zirconium	90-1	1350	950	933	1078	21.89	cps
Zirconium	91-1	275	242	250	256	6.79	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	CCV17	Instrumnet Name :	P8
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 16:42:20	DataFile Name :	074CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1787716	1769030	1803618	1786788	0.97	cps
Antimony	121-1	1699531	1754891	1716593	1723672	1.64	cps
Arsenic	75-2	46488	46189	46341	46339	0.32	cps
Barium	135-1	2405123	2338543	2353782	2365816	1.47	cps
Barium	137-1	4068593	4057345	4004987	4043642	0.84	cps
Beryllium	9-1	667161	668511	672276	669316	0.40	cps
Bismuth	209-1	4689065	4635004	4649096	4657722	0.60	cps
Bismuth	209-2	2462662	2614886	2204184	2427244	8.55	cps
Bromine	81-1	36549	34986	35813	35783	2.18	cps
Cadmium	108-1	39009	39552	38529	39030	1.31	cps
Cadmium	106-1	60642	63790	60383	61605	3.08	cps
Cadmium	111-1	427732	442293	439131	436385	1.76	cps
Calcium	43-1	3182666	3261033	3236829	3226843	1.24	cps
Calcium	44-1	51334971	51928295	51510375	51591214	0.59	cps
Carbon	12-1	15105258	14684691	14409923	14733291	2.38	cps
Carbon	12-2	164218	158683	157588	160163	2.22	cps
Chlorine	35-1	227904	232215	234798	231639	1.50	cps
Chlorine	35-2	1483	1467	1283	1411	7.86	cps
Chromium	52-2	508895	501987	508709	506531	0.78	cps
Cobalt	59-2	864681	858465	866214	863120	0.48	cps
Copper	63-2	6967587	7087357	7075541	7043495	0.94	cps
Dysprosium	156-1	600	633	558	597	6.29	cps
Dysprosium	156-2	210	233	273	239	13.41	cps
Erbium	164-1	117	142	125	128	9.96	cps
Erbium	164-2	40	63	73	59	29.04	cps
Gadolinium	160-1	508	633	542	561	11.54	cps
Gadolinium	160-2	400	343	403	382	8.82	cps
Holmium	165-1	7703092	7591835	7338026	7544318	2.48	cps
Holmium	165-2	3536759	3784629	3172222	3497870	8.81	cps
Indium	115-1	5426936	5353518	5349167	5376540	0.81	cps
Indium	115-2	837056	917241	749865	834721	10.03	cps
Iron	54-2	5917584	5935881	5962310	5938591	0.38	cps
Iron	56-2	107251416	103859444	105652366	105587742	1.61	cps
Iron	57-2	2759375	2733351	2724979	2739235	0.65	cps
Krypton	83-1	206	186	204	199	5.48	cps
Lead	206-1	8187202	8445948	8344882	8326011	1.57	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	CCV17	Instrumnet Name :	P8
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 16:42:20	DataFile Name :	074CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	6995541	7192474	7126692	7104902	1.41	cps
Lead	208-1	32769500	33552894	32986135	33102843	1.22	cps
Lithium	6-1	2712813	2697006	2665581	2691800	0.89	cps
Magnesium	24-2	23071035	23025398	23400031	23165488	0.88	cps
Manganese	55-2	2964527	2904302	2918710	2929179	1.07	cps
Molybdenum	94-1	6841270	7056059	6990012	6962447	1.58	cps
Molybdenum	95-1	10112240	10098481	9913435	10041385	1.11	cps
Molybdenum	96-1	11072562	11016509	10972963	11020678	0.45	cps
Molybdenum	97-1	6144478	6302678	6275757	6240971	1.36	cps
Molybdenum	98-1	16074674	16247804	16042153	16121544	0.69	cps
Neodymium	150-1	580	687	547	604	12.10	cps
Neodymium	150-2	60	47	50	52	13.28	cps
Nickel	60-2	228398	231347	232118	230621	0.85	cps
Phosphorus	31-2	18846	18379	18813	18679	1.40	cps
Potassium	39-2	7879286	7787388	7956582	7874419	1.08	cps
Rhodium	103-1	4958430	4917420	4897840	4924563	0.63	cps
Rhodium	103-2	2254563	2462697	2014297	2243852	10.00	cps
Scandium	45-1	3933214	3926365	3905748	3921775	0.36	cps
Scandium	45-2	122954	133536	111112	122534	9.16	cps
Selenium	82-1	34377	35462	35191	35010	1.61	cps
Selenium	77-2	1107	1030	1100	1079	3.94	cps
Selenium	78-2	3888	3848	3893	3876	0.64	cps
Silicon	28-1	32348531	32525233	32727889	32533884	0.58	cps
Silver	107-1	2363318	2333455	2333520	2343431	0.73	cps
Silver	109-1	2240420	2236810	2227398	2234876	0.30	cps
Sodium	23-2	41972544	41221367	42270156	41821355	1.29	cps
Strontium	86-1	15074481	15416927	15316272	15269227	1.15	cps
Strontium	88-1	130073103	133898745	132978424	132316757	1.51	cps
Sulfur	34-1	663801	662020	657428	661083	0.50	cps
Terbium	159-1	7548945	7599969	7471701	7540205	0.86	cps
Terbium	159-2	3483687	3701904	3089883	3425158	9.06	cps
Thallium	203-1	1992423	2065094	2028077	2028531	1.79	cps
Thallium	205-1	4860920	4830016	4774224	4821720	0.91	cps
Tin	118-1	1557111	1575624	1500137	1544291	2.55	cps
Titanium	47-1	2972623	2980639	2961171	2971478	0.33	cps
Uranium	238-1	6753388	6783039	6653847	6730091	1.01	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	CCV17	Instrumnet Name :	P8
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 16:42:20	DataFile Name :	074CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	402680	395578	405190	401149	1.24	cps
Ytterbium	172-1	125	175	192	164	21.17	cps
Ytterbium	172-2	61	39	72	57	29.56	cps
Ytterbium	176-1	9537	9987	9912	9812	2.46	cps
Ytterbium	176-2	13780	14936	12957	13891	7.16	cps
Yttrium	89-1	10302164	10352838	10184321	10279774	0.84	cps
Yttrium	89-2	1127704	1226454	1006397	1120185	9.84	cps
Zinc	66-2	797465	788604	804323	796797	0.99	cps
Zirconium	90-1	3438794	3474888	3528403	3480695	1.30	cps
Zirconium	91-1	739661	759013	747398	748691	1.30	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	CCB17	Instrumnet Name :	P8
Client Sample ID :	CCB17	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 16:48:49	DataFile Name :	075CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	192	147	190	177	14.32	cps
Antimony	121-1	567	458	533	519	10.68	cps
Arsenic	75-2	7	5	7	6	18.23	cps
Barium	135-1	317	108	225	217	48.19	cps
Barium	137-1	517	192	425	378	44.36	cps
Beryllium	9-1	432	336	416	395	13.04	cps
Bismuth	209-1	4762943	4866061	4854940	4827981	1.17	cps
Bismuth	209-2	2590029	2598592	2527124	2571915	1.52	cps
Bromine	81-1	34476	34736	36056	35089	2.41	cps
Cadmium	108-1	108	100	92	100	8.33	cps
Cadmium	106-1	5468	5693	5685	5615	2.27	cps
Cadmium	111-1	1938	1973	2000	1970	1.59	cps
Calcium	43-1	577	302	529	470	31.25	cps
Calcium	44-1	20729	16037	19328	18698	12.88	cps
Carbon	12-1	7063759	6863672	6835812	6921081	1.80	cps
Carbon	12-2	77320	76733	73593	75882	2.64	cps
Chlorine	35-1	183796	186572	186312	185560	0.83	cps
Chlorine	35-2	1242	1192	1275	1236	3.39	cps
Chromium	52-2	760	697	697	718	5.09	cps
Cobalt	59-2	123	67	150	113	37.55	cps
Copper	63-2	1720	1257	1790	1589	18.24	cps
Dysprosium	156-1	0	8	17	8	100.02	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Erbium	164-1	83	117	42	81	46.64	cps
Erbium	164-2	10	10	7	9	21.63	cps
Gadolinium	160-1	42	92	67	67	37.50	cps
Gadolinium	160-2	133	157	113	134	16.13	cps
Holmium	165-1	7052311	7068446	7132223	7084327	0.60	cps
Holmium	165-2	3383204	3450035	3414976	3416072	0.98	cps
Indium	115-1	5362012	5485570	5426458	5424680	1.14	cps
Indium	115-2	845806	855492	839909	847069	0.93	cps
Iron	54-2	1272	867	1183	1107	19.25	cps
Iron	56-2	17747	10327	14956	14343	26.13	cps
Iron	57-2	544	333	444	441	23.96	cps
Krypton	83-1	187	165	214	189	12.93	cps
Lead	206-1	2134	750	1372	1419	48.86	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	CCB17	Instrumnet Name :	P8
Client Sample ID :	CCB17	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 16:48:49	DataFile Name :	075CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1772	761	1172	1235	41.17	cps
Lead	208-1	7469	3150	5251	5290	40.83	cps
Lithium	6-1	2672769	2676411	2696109	2681763	0.47	cps
Magnesium	24-2	2601	1392	2117	2036	29.88	cps
Manganese	55-2	407	277	460	381	24.75	cps
Molybdenum	94-1	1233	525	975	911	39.34	cps
Molybdenum	95-1	2017	1100	1550	1556	29.46	cps
Molybdenum	96-1	2384	1075	2593	2017	40.77	cps
Molybdenum	97-1	1125	458	725	770	43.61	cps
Molybdenum	98-1	4285	1183	2350	2606	60.10	cps
Neodymium	150-1	20	0	7	9	114.55	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	137	137	150	141	5.45	cps
Phosphorus	31-2	183	267	167	206	26.07	cps
Potassium	39-2	29414	28696	27744	28618	2.93	cps
Rhodium	103-1	5033842	5082947	5055716	5057501	0.49	cps
Rhodium	103-2	2381554	2383567	2292609	2352577	2.21	cps
Scandium	45-1	3700616	3786270	3771113	3752666	1.22	cps
Scandium	45-2	119291	117728	118863	118627	0.68	cps
Selenium	82-1	25	54	32	37	40.22	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	24	24	31	26	15.35	cps
Silicon	28-1	836971	841575	847450	841999	0.62	cps
Silver	107-1	158	117	233	169	34.89	cps
Silver	109-1	108	58	50	72	43.69	cps
Sodium	23-2	34042	29666	29731	31146	8.05	cps
Strontium	86-1	2050	942	2134	1709	38.95	cps
Strontium	88-1	17159	4235	14593	11996	57.04	cps
Sulfur	34-1	428077	431641	428033	429250	0.48	cps
Terbium	159-1	7304936	7340947	7361092	7335659	0.39	cps
Terbium	159-2	3411897	3313392	3260015	3328434	2.31	cps
Thallium	203-1	433	417	525	458	12.73	cps
Thallium	205-1	1417	792	1142	1117	28.06	cps
Tin	118-1	517	550	517	528	3.65	cps
Titanium	47-1	467	342	458	422	16.55	cps
Uranium	238-1	1133	242	742	706	63.35	cps

LB Number :	LB125939	Operator :	Jaswal
Lab Sample ID :	CCB17	Instrumnet Name :	P8
Client Sample ID :	CCB17	Dilution Factor :	1
Date & Time Acquired :	2023-06-13 16:48:49	DataFile Name :	075CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	60	27	40	42	39.73	cps
Ytterbium	172-1	33	33	25	31	15.74	cps
Ytterbium	172-2	44	17	11	24	74.19	cps
Ytterbium	176-1	1642	1692	1517	1617	5.58	cps
Ytterbium	176-2	9403	10037	9576	9672	3.39	cps
Yttrium	89-1	9779659	9983092	10037680	9933477	1.37	cps
Yttrium	89-2	1097933	1097595	1071228	1088919	1.41	cps
Zinc	66-2	240	173	163	192	21.68	cps
Zirconium	90-1	958	567	725	750	26.27	cps
Zirconium	91-1	158	83	217	153	43.75	cps