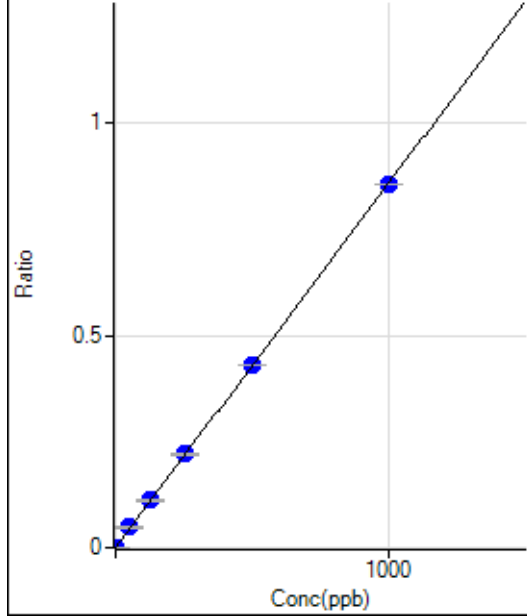


Calibration for 006CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P7060424-MS.b\
 Analysis File: P7060424-MS.batch.bin
 DA Date-Time: 2024-06-05 10:33:27
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2024-06-04 13:08:02
2	005CALS.d	S02	2024-06-04 13:11:20
3	006CALS.d	S03	2024-06-04 13:14:41
4	007CALS.d	S04	2024-06-04 13:17:52
5	008CALS.d	S05	2024-06-04 13:20:55
6	009CALS.d	S06	2024-06-04 13:23:52
7	010CALS.d	S07	2024-06-04 13:26:46
8	011CALS.d	S08	2024-06-04 13:29:31

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	43.34	0.0000	P	50.2
2	☐	1.000	1.105	946.70	0.0010	P	1.1
3	☐	50.000	55.696	45223.33	0.0478	P	3.4
4	☐	125.000	129.645	109574.54	0.1112	P	0.6
5	☐	250.000	256.826	210184.45	0.2203	P	0.9
6	☐	500.000	502.651	404433.92	0.4311	P	0.4
7	☐	1000.000	996.103	787179.54	0.8543	P	0.2
8	☐			964.48	0.0011	P	8.1

$$y = 8.5760E-004 * x + 4.5506E-005$$

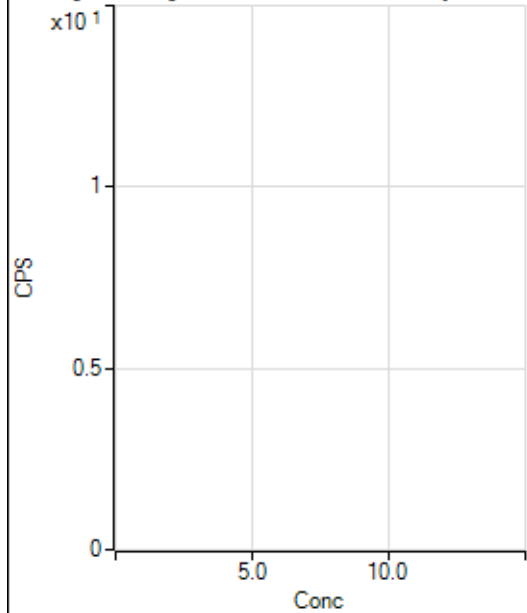
$$R = 1.0000$$

$$DL = 0.07989$$

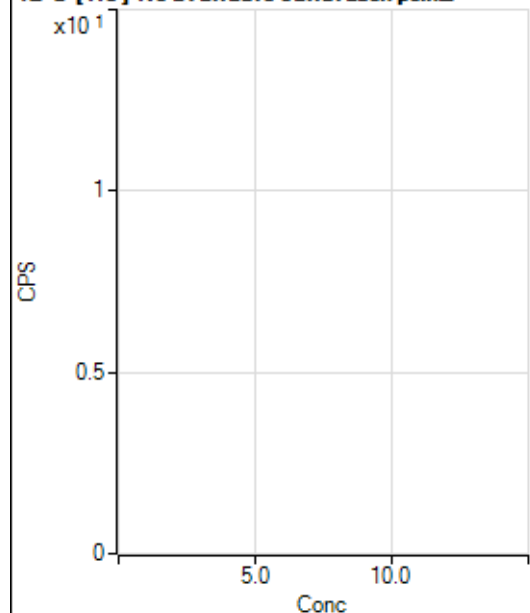
$$BEC = 0.05306$$

Weight: <None>

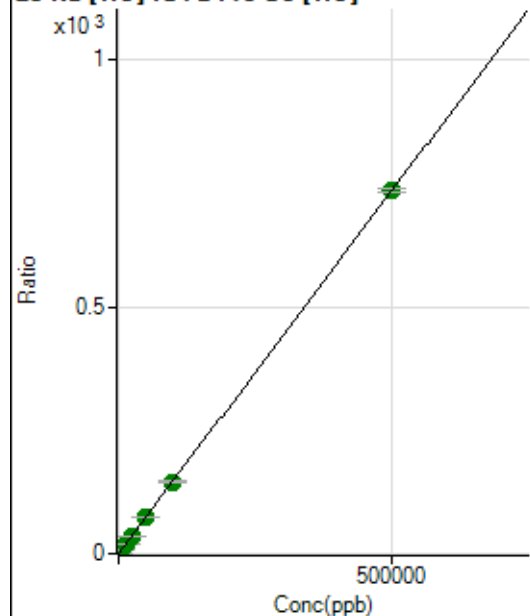
Min Conc: 0

12 C [No Gas] No available calibration points

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

12 C [He] No available calibration points

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

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	13797.38	0.0625	P	2.2
2	☐	500.000	487.462	173294.76	0.7789	P	0.2
3	☐	5000.000	4950.865	1587063.94	7.3389	A	1.9
4	☐	12500.000	12525.835	3839255.39	18.4721	A	0.4
5	☐	25000.000	24912.330	7337045.93	36.6769	A	0.7
6	☐	50000.000	49795.936	14475503.95	73.2492	A	0.4
7	☐	100000.00	98892.294	28483288.19	145.4077	A	1.3
8	☐	500000.00	500246.18	144234060.0	735.2907	A	1.0

$$y = 0.0015 * x + 0.0625$$

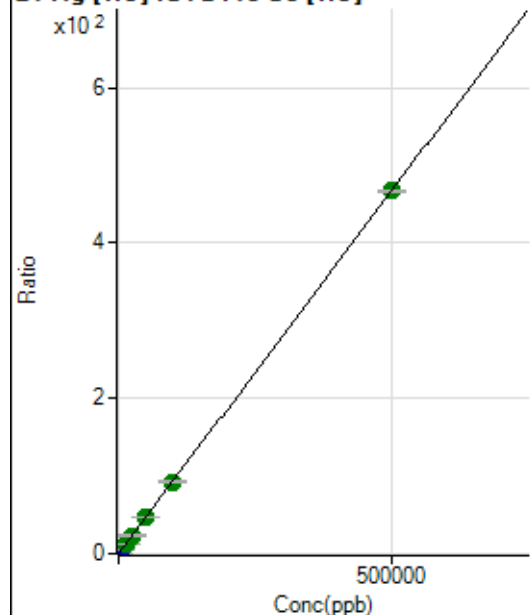
$$R = 1.0000$$

$$DL = 2.786$$

$$BEC = 42.51$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1554.54	0.0070	P	8.3
2	☐	500.000	488.298	102990.33	0.4629	P	0.3
3	☐	5000.000	5211.607	1053743.87	4.8726	P	1.0
4	☐	12500.000	12740.871	2473511.02	11.9019	A	1.2
5	☐	25000.000	25174.548	4702997.88	23.5100	A	0.1
6	☐	50000.000	50018.469	9229179.58	46.7044	A	1.3
7	☐	100000.00	99311.989	18163419.31	92.7249	A	0.6
8	☐	500000.00	500118.90	91591678.63	466.9188	A	0.7

$$y = 9.3360\text{E-}004 * x + 0.0070$$

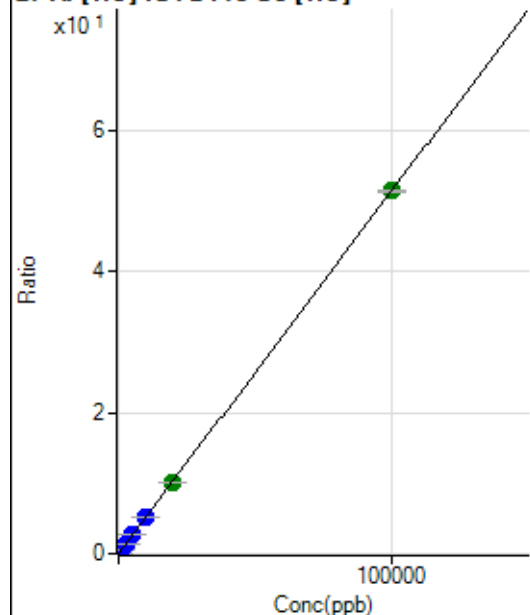
$$R = 1.0000$$

$$DL = 1.877$$

$$BEC = 7.539$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	80.00	0.0004	P	29.3
2	☐	20.000	19.686	2334.65	0.0105	P	0.2
3	☐	1000.000	1032.301	114972.93	0.5316	P	0.5
4	☐	2500.000	2580.379	276068.48	1.3283	P	0.8
5	☐	5000.000	5146.272	529868.85	2.6488	P	0.5
6	☐	10000.000	10184.876	1035877.91	5.2419	P	0.7
7	☐	20000.000	19608.986	1976879.62	10.0919	A	0.5
8	☐	100000.00	100050.06	10100352.42	51.4900	A	0.6

$$y = 5.1464\text{E-}004 * x + 3.6234\text{E-}004$$

$$R = 1.0000$$

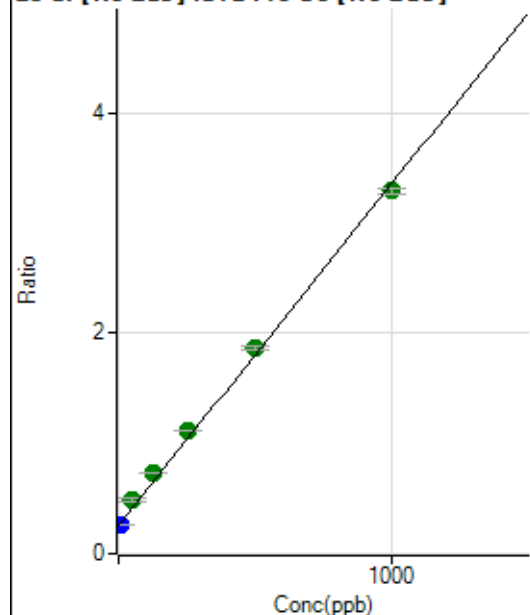
$$DL = 0.6196$$

$$BEC = 0.7041$$

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	652209.83	0.2568	P	1.5
2	☐	10.000	-0.621	654297.96	0.2549	P	0.3
3	☐	50.000	77.177	1213239.32	0.4963	A	6.6
4	☐	125.000	152.765	1795618.91	0.7309	A	1.6
5	☐	250.000	278.318	2640753.66	1.1204	A	0.5
6	☐	500.000	517.950	4338134.97	1.8640	A	2.0
7	☐	1000.000	979.222	7536228.43	3.2953	A	1.3
8	☐			1085727.56	0.4739	M	10.1

$$y = 0.0031 * x + 0.2568$$

$$R = 0.9987$$

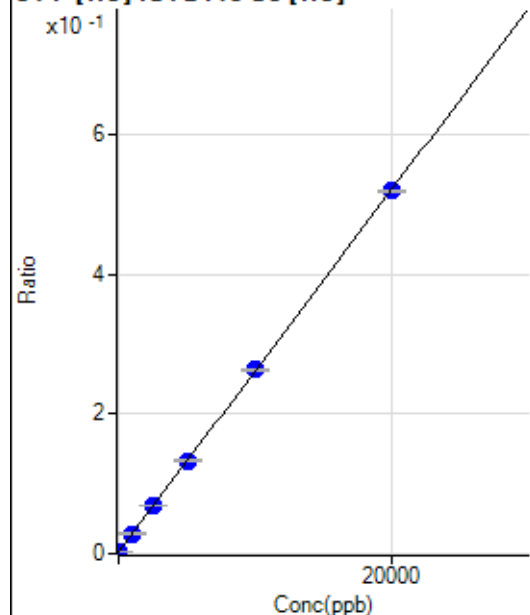
$$DL = 3.772$$

$$BEC = 82.77$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-16.172	447.79	0.0020	P	6.2
2	☐	0.000	16.172	637.80	0.0029	P	3.6
3	☐	1000.000	1010.614	6200.20	0.0287	P	2.3
4	☐	2500.000	2562.462	14327.90	0.0689	P	1.2
5	☐	5000.000	5023.492	26566.44	0.1328	P	2.1
6	☐	10000.000	10080.748	52178.51	0.2640	P	1.0
7	☐	20000.000	19945.415	101869.31	0.5200	P	0.4
8	☐			561.13	0.0029	P	3.3

$$y = 2.5950E-005 * x + 0.0024$$

$$R = 1.0000$$

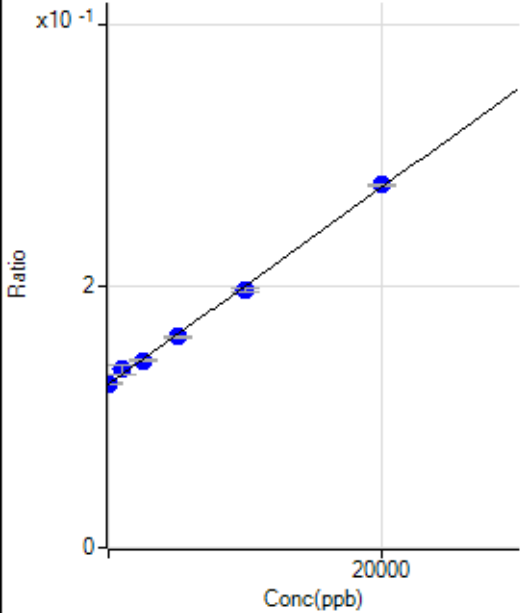
$$DL = 13.31$$

$$BEC = 94.3$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.285	317251.58	0.1249	P	1.3
2	☐	0.000	-0.285	320655.82	0.1249	P	0.6
3	☐	1000.000	1483.991	332752.53	0.1361	P	5.9
4	☐	2500.000	2407.204	351408.16	0.1430	P	1.5
5	☐	5000.000	4855.728	380497.33	0.1614	P	0.8
6	☐	10000.000	9584.985	458537.14	0.1970	P	1.2
7	☐	20000.000	20230.975	633671.73	0.2771	P	0.6
8	☐			290797.94	0.1271	P	0.5

$y = 7.5206E-006 * x + 0.1249$

$R = 0.9992$

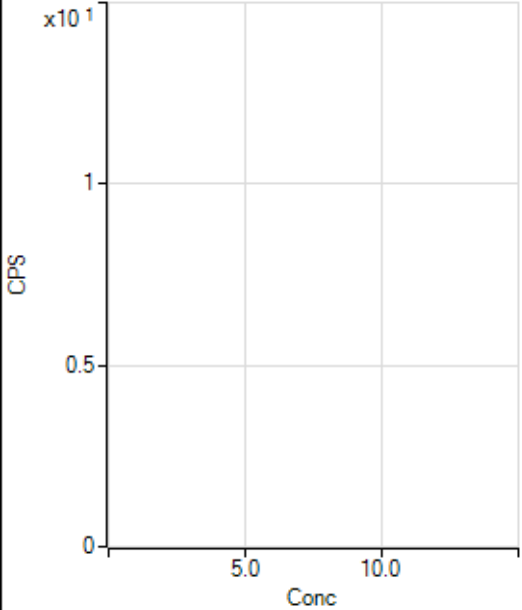
$DL = 454.1$

$BEC = 1.661E+04$

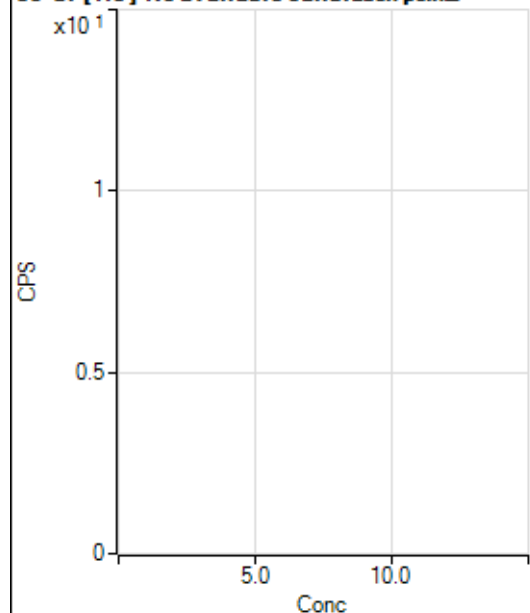
Weight: <None>

Min Conc: 0

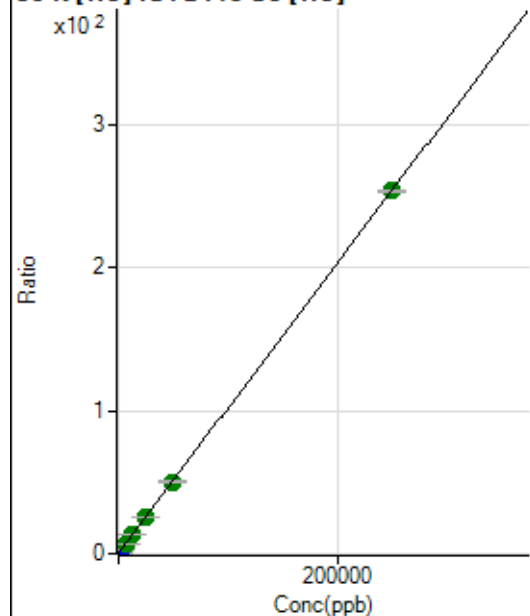
35 Cl [No Gas] No available calibration points



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

35 Cl [He] No available calibration points

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

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	91795.49	0.4156	P	0.5
2	☐	500.000	495.326	203870.60	0.9163	P	0.1
3	☐	2500.000	2628.915	664605.67	3.0731	P	0.8
4	☐	6250.000	6157.272	1379945.12	6.6398	A	0.9
5	☐	12500.000	12352.080	2580900.81	12.9019	A	0.8
6	☐	25000.000	24359.100	4948094.58	25.0394	A	1.0
7	☐	50000.000	49255.019	9834512.35	50.2058	A	0.7
8	☐	250000.00	250221.52	49699508.15	253.3558	A	0.6

$$y = 0.0010 * x + 0.4156$$

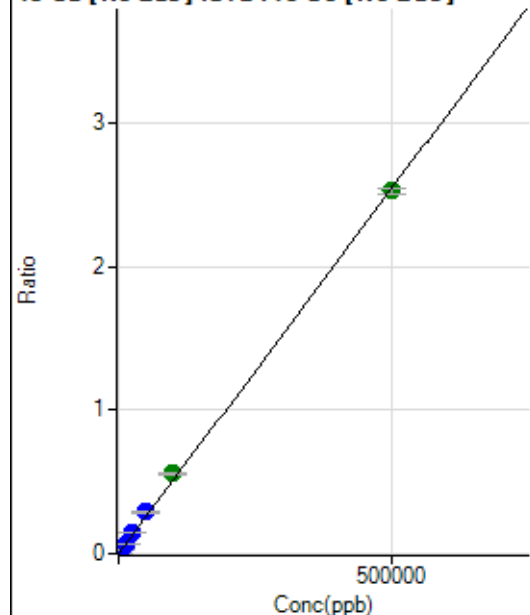
$$R = 1.0000$$

$$DL = 5.926$$

$$BEC = 411.2$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	236.67	0.0001	P	10.3
2	☐	500.000	502.142	6803.80	0.0027	P	1.6
3	☐	5000.000	5941.803	74202.46	0.0304	P	6.5
4	☐	12500.000	14349.602	179786.87	0.0732	P	1.2
5	☐	25000.000	28545.501	342858.01	0.1455	P	0.5
6	☐	50000.000	56649.037	671711.90	0.2886	P	1.3
7	☐	100000.00	109895.78	1280232.69	0.5598	A	1.9
8	☐	500000.00	497123.00	5791771.03	2.5319	A	1.7

$$y = 5.0930\text{E-}006 * x + 9.3281\text{E-}005$$

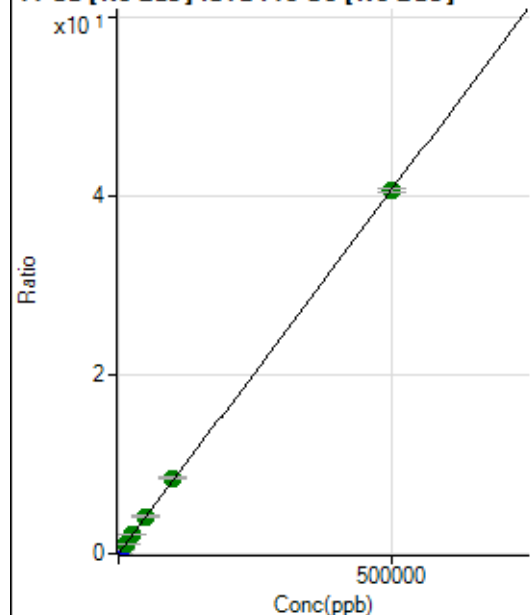
$$R = 0.9997$$

$$DL = 5.674$$

$$BEC = 18.32$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	22671.48	0.0089	P	2.0
2	☐	500.000	498.557	127108.95	0.0495	P	0.7
3	☐	5000.000	5752.893	1166934.54	0.4773	P	6.3
4	☐	12500.000	13088.548	2640237.64	1.0746	A	0.6
5	☐	25000.000	26199.280	5048551.94	2.1421	A	0.4
6	☐	50000.000	51393.836	9760344.85	4.1935	A	1.5
7	☐	100000.00	104341.22	19449583.74	8.5045	A	0.8
8	☐	500000.00	498910.16	92947684.17	40.6307	A	1.2

$$y = 8.1421\text{E-}005 * x + 0.0089$$

$$R = 1.0000$$

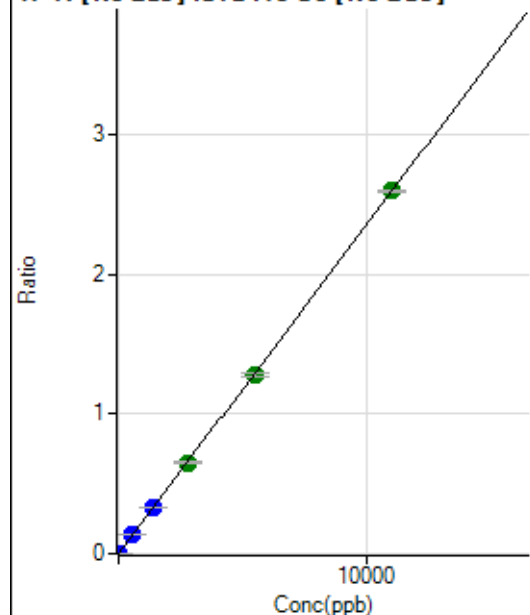
$$DL = 6.676$$

$$BEC = 109.7$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	106.67	0.0000	P	15.2
2	☐	5.000	4.788	3006.99	0.0012	P	6.6
3	☐	550.000	580.014	334492.02	0.1369	P	7.2
4	☐	1375.000	1390.580	806093.29	0.3281	P	0.4
5	☐	2750.000	2774.803	1542861.28	0.6546	A	0.4
6	☐	5500.000	5436.593	2985055.86	1.2826	A	2.1
7	☐	11000.000	11022.055	5946744.08	2.6002	A	0.4
8	☐			1913.48	0.0008	P	9.5

$$y = 2.3591\text{E-}004 * x + 4.2038\text{E-}005$$

$$R = 1.0000$$

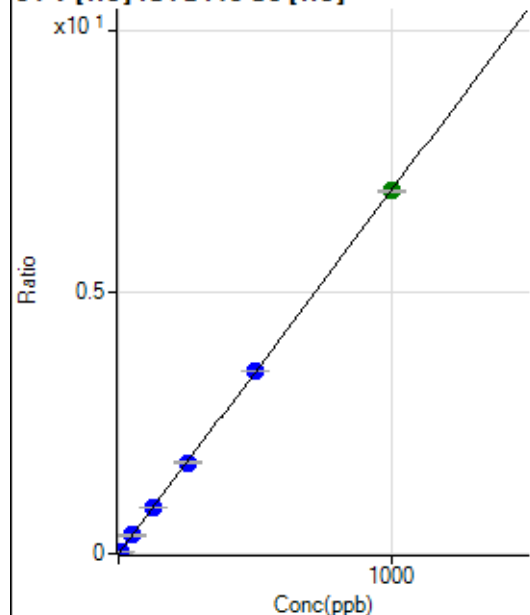
$$DL = 0.0815$$

$$BEC = 0.1782$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	21.11	0.0001	P	45.5
2	☐	5.000	4.868	7557.51	0.0340	P	1.5
3	☐	50.000	50.258	75652.91	0.3498	P	1.7
4	☐	125.000	125.584	181648.83	0.8740	P	1.0
5	☐	250.000	251.204	349710.69	1.7482	P	0.7
6	☐	500.000	502.652	691261.29	3.4981	P	1.0
7	☐	1000.000	998.288	1360878.33	6.9472	A	0.4
8	☐			743.36	0.0038	P	12.1

$$y = 0.0070 * x + 9.5556\text{E-}005$$

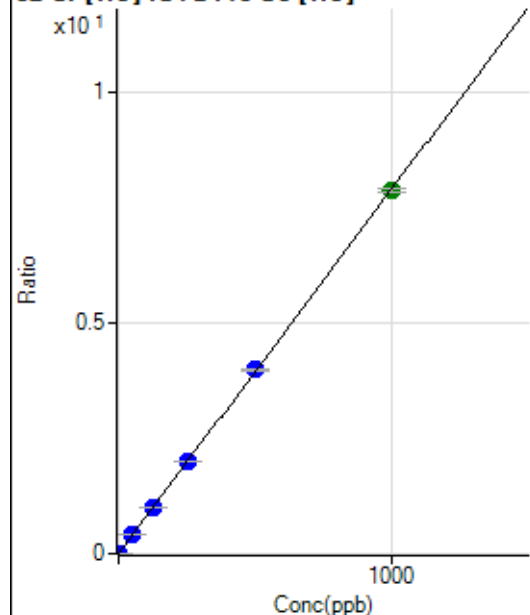
$$R = 1.0000$$

$$DL = 0.01874$$

$$BEC = 0.01373$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	372.23	0.0017	P	6.9
2	☐	2.000	1.975	3840.53	0.0173	P	4.3
3	☐	50.000	51.354	87944.20	0.4067	P	1.0
4	☐	125.000	127.922	209999.21	1.0105	P	1.1
5	☐	250.000	253.684	400516.87	2.0022	P	0.7
6	☐	500.000	505.614	788265.38	3.9889	P	0.9
7	☐	1000.000	995.839	1538674.53	7.8548	A	1.1
8	☐			23098.86	0.1178	P	0.6

$$y = 0.0079 * x + 0.0017$$

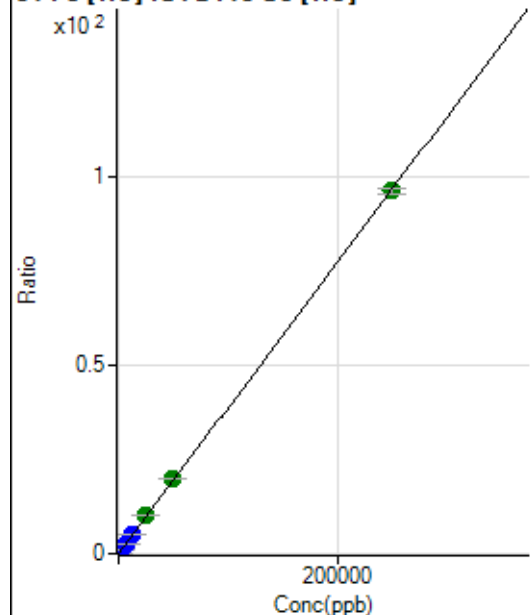
$$R = 1.0000$$

$$DL = 0.04413$$

$$BEC = 0.2137$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1755.67	0.0079	P	1.5
2	☐	50.000	54.538	6460.33	0.0290	P	0.9
3	☐	2500.000	2728.326	229870.75	1.0629	P	0.5
4	☐	6250.000	6877.395	554315.28	2.6672	P	0.9
5	☐	12500.000	13597.516	1053321.54	5.2656	P	0.6
6	☐	25000.000	26306.805	2011650.44	10.1799	A	1.2
7	☐	50000.000	51623.215	3911505.67	19.9689	A	1.0
8	☐	250000.00	249471.83	18921736.39	96.4701	A	1.9

$$y = 3.8667E-004 * x + 0.0079$$

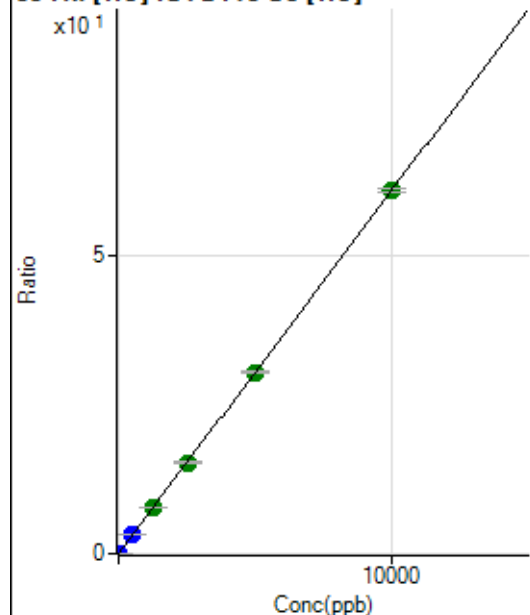
$$R = 1.0000$$

$$DL = 0.9437$$

$$BEC = 20.56$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	460.01	0.0021	P	21.6
2	☐	1.000	1.024	1849.02	0.0083	P	2.5
3	☐	500.000	515.119	677648.82	3.1336	P	1.4
4	☐	1250.000	1276.236	1612738.73	7.7606	A	2.2
5	☐	2500.000	2512.970	3056413.36	15.2790	A	0.4
6	☐	5000.000	4992.483	5998033.80	30.3526	A	1.0
7	☐	10000.000	9996.481	11904294.69	60.7731	A	0.9
8	☐			9107.27	0.0464	P	1.7

$$y = 0.0061 * x + 0.0021$$

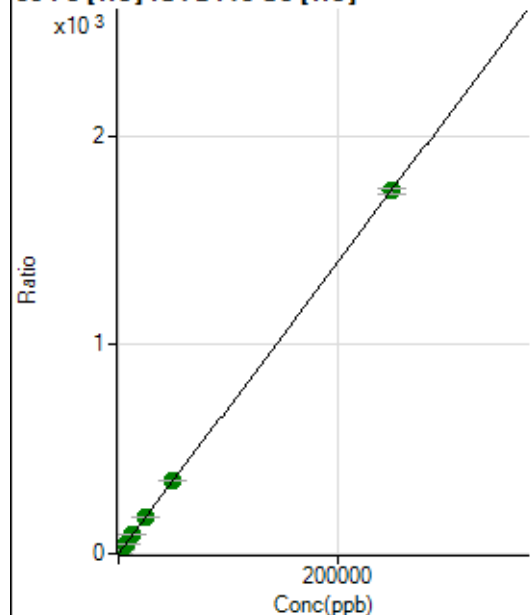
$$R = 1.0000$$

$$DL = 0.2217$$

$$BEC = 0.3427$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	12936.76	0.0586	P	1.9
2	☐	50.000	51.498	92791.48	0.4171	P	1.0
3	☐	2500.000	2578.223	3894125.43	18.0066	A	0.9
4	☐	6250.000	6474.093	9378207.71	45.1273	A	1.7
5	☐	12500.000	12918.004	18000250.01	89.9860	A	0.9
6	☐	25000.000	25507.529	35099501.14	177.6268	A	1.8
7	☐	50000.000	50776.781	69252887.86	353.5362	A	0.7
8	☐	250000.00	249766.60	341058130.4	1,738.784	A	1.5

$$y = 0.0070 * x + 0.0586$$

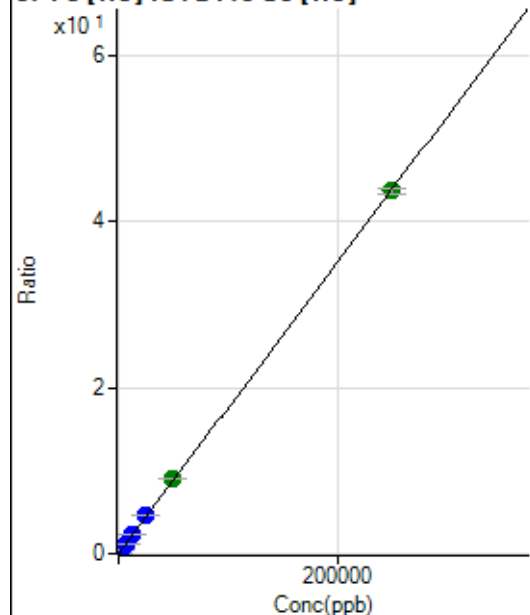
$$R = 1.0000$$

$$DL = 0.4698$$

$$BEC = 8.414$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	495.57	0.0022	P	11.1
2	☐	50.000	54.761	2631.37	0.0118	P	5.0
3	☐	2500.000	2716.713	103309.46	0.4777	P	0.9
4	☐	6250.000	6831.223	248942.50	1.1978	P	0.6
5	☐	12500.000	13493.093	472828.74	2.3637	P	0.7
6	☐	25000.000	26937.763	932094.58	4.7167	P	0.7
7	☐	50000.000	51247.648	1757381.55	8.9713	A	0.6
8	☐	250000.00	249490.34	8565020.29	43.6664	A	1.6

$$y = 1.7501\text{E-}004 * x + 0.0022$$

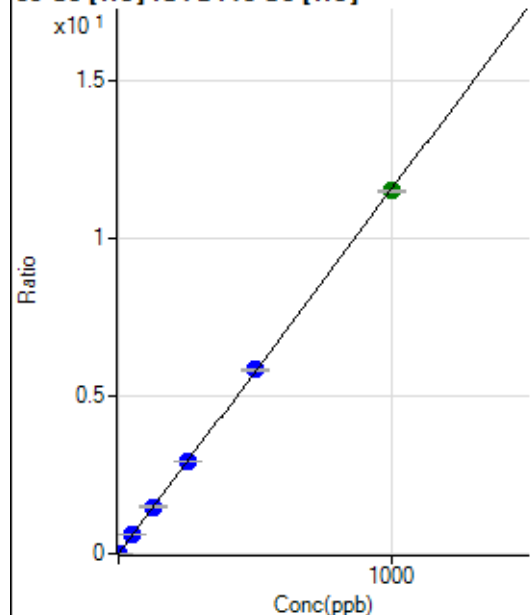
$$R = 1.0000$$

$$DL = 4.271$$

$$BEC = 12.82$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	88.89	0.0004	P	24.3
2	☐	1.000	1.030	2742.50	0.0123	P	1.3
3	☐	50.000	51.178	128183.57	0.5927	P	1.3
4	☐	125.000	129.085	310580.41	1.4944	P	1.2
5	☐	250.000	254.406	589095.70	2.9449	P	0.5
6	☐	500.000	505.303	1155792.83	5.8488	P	1.0
7	☐	1000.000	995.677	2257571.18	11.5244	A	0.6
8	☐			7126.19	0.0363	P	1.6

$$y = 0.0116 * x + 4.0241\text{E-}004$$

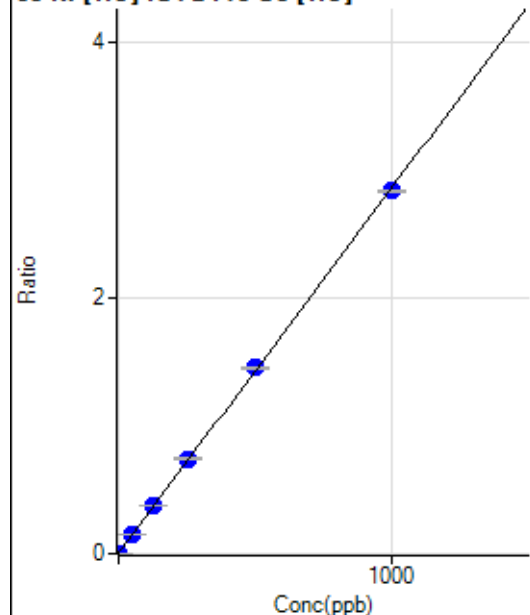
$$R = 1.0000$$

$$DL = 0.02532$$

$$BEC = 0.03477$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	553.35	0.0025	P	9.0
2	☐	1.000	0.854	1100.05	0.0049	P	6.0
3	☐	50.000	52.298	32857.08	0.1519	P	1.4
4	☐	125.000	130.641	78099.56	0.3758	P	0.9
5	☐	250.000	259.621	148895.84	0.7443	P	0.6
6	☐	500.000	507.982	287328.14	1.4540	P	0.9
7	☐	1000.000	992.784	556158.74	2.8392	P	0.8
8	☐			7451.91	0.0380	P	2.2

$$y = 0.0029 * x + 0.0025$$

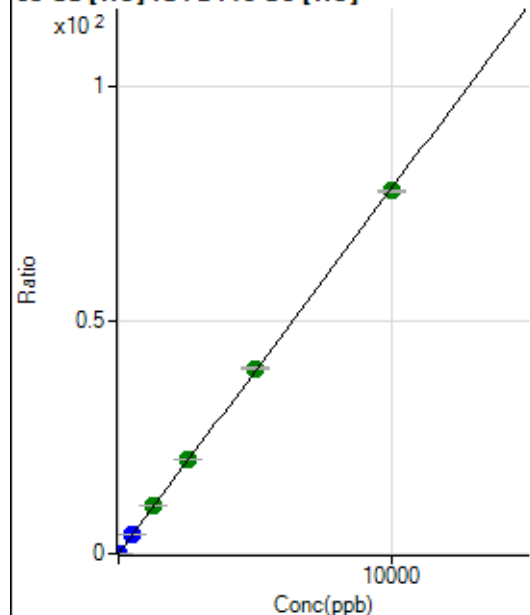
$$R = 0.9999$$

$$DL = 0.2369$$

$$BEC = 0.8769$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	814.47	0.0037	P	5.4
2	☐	2.000	1.980	4263.98	0.0192	P	2.0
3	☐	500.000	522.584	884074.73	4.0882	P	1.5
4	☐	1250.000	1318.156	2141934.08	10.3064	A	1.3
5	☐	2500.000	2587.967	4047060.81	20.2313	A	0.3
6	☐	5000.000	5069.981	7831681.27	39.6308	A	0.6
7	☐	10000.000	9933.369	15209107.27	77.6431	A	0.6
8	☐			8917.19	0.0455	P	2.2

$$y = 0.0078 * x + 0.0037$$

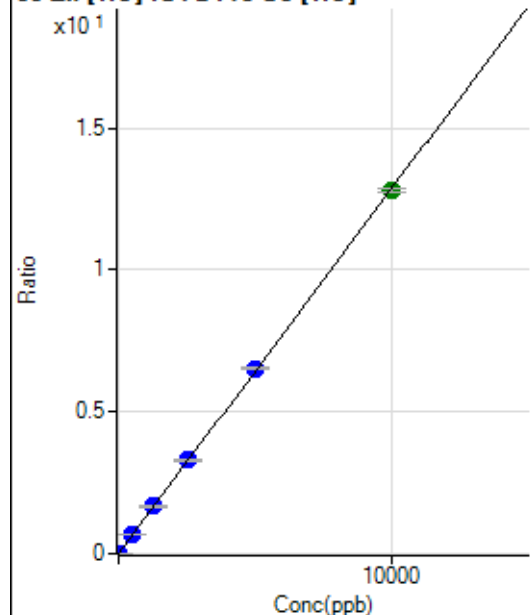
$$R = 0.9999$$

$$DL = 0.07633$$

$$BEC = 0.4718$$

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	230.00	0.0010	P	13.0
2	☐	5.000	4.818	1610.10	0.0072	P	0.8
3	☐	500.000	516.449	143855.69	0.6652	P	1.2
4	☐	1250.000	1293.500	345928.45	1.6645	P	1.1
5	☐	2500.000	2562.009	659287.16	3.2959	P	0.8
6	☐	5000.000	5071.160	1288966.72	6.5227	P	1.0
7	☐	10000.000	9942.658	2504833.56	12.7876	A	1.1
8	☐			1893.47	0.0097	P	4.9

$$y = 0.0013 * x + 0.0010$$

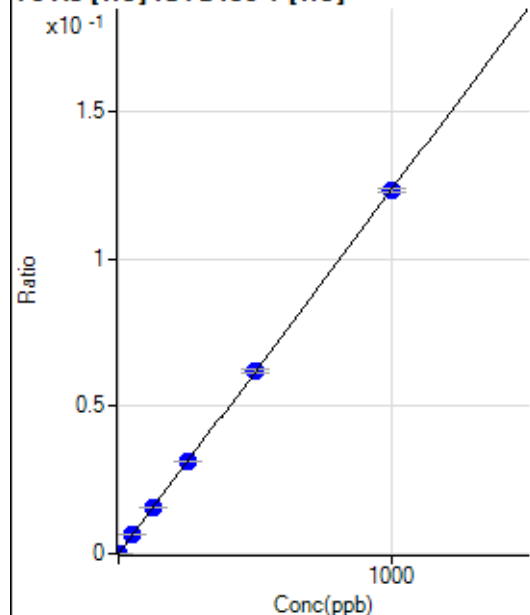
$$R = 0.9999$$

$$DL = 0.316$$

$$BEC = 0.8099$$

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	2.22	0.0000	P	86.6
2	☐	1.000	1.024	200.00	0.0001	P	9.0
3	☐	50.000	52.196	9676.55	0.0065	P	2.8
4	☐	125.000	128.851	23593.27	0.0159	P	1.0
5	☐	250.000	252.780	45192.99	0.0313	P	0.8
6	☐	500.000	502.873	89515.19	0.0622	P	1.3
7	☐	1000.000	997.278	176282.70	0.1233	P	1.0
8	☐			148.89	0.0001	P	10.6

$$y = 1.2363E-004 * x + 1.4515E-006$$

$$R = 1.0000$$

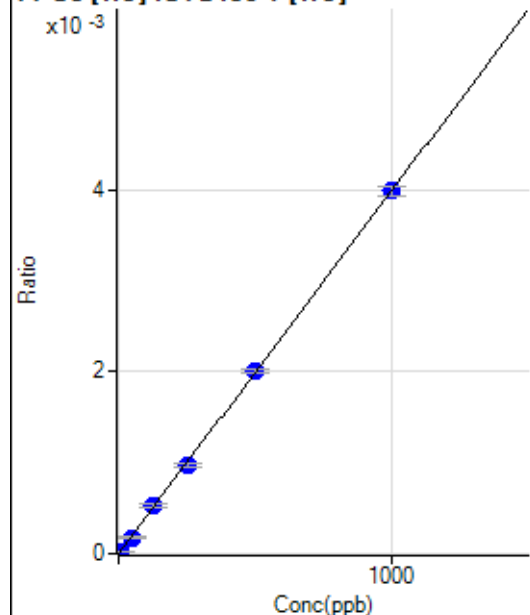
$$DL = 0.0305$$

$$BEC = 0.01174$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	3.386	21.11	0.0000	P	39.9
3	☐	50.000	44.046	263.34	0.0002	P	8.4
4	☐	125.000	131.284	775.58	0.0005	P	9.1
5	☐	250.000	242.772	1400.08	0.0010	P	3.4
6	☐	500.000	502.573	2885.87	0.0020	P	1.5
7	☐	1000.000	1000.041	5703.37	0.0040	P	2.5
8	☐			6.67	0.0000	P	50.1

$$y = 3.9881\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9999$$

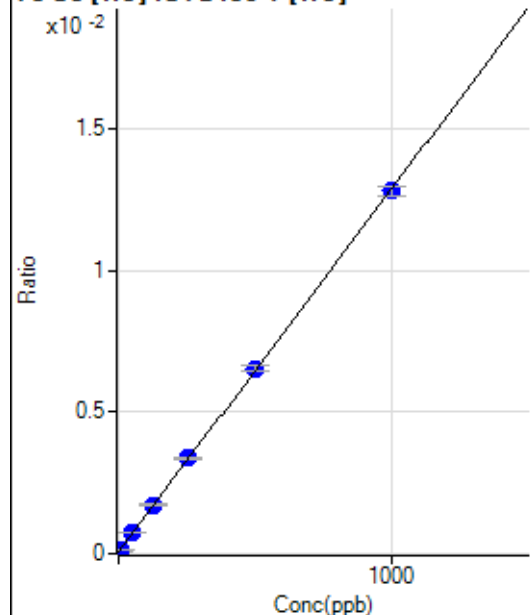
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	98.89	0.0001	P	4.5
2	☐	5.000	3.490	171.11	0.0001	P	5.5
3	☐	50.000	53.016	1114.50	0.0007	P	7.3
4	☐	125.000	128.451	2531.35	0.0017	P	2.8
5	☐	250.000	258.586	4880.85	0.0034	P	2.9
6	☐	500.000	504.767	9399.72	0.0065	P	3.1
7	☐	1000.000	994.895	18302.51	0.0128	P	2.6
8	☐			92.22	0.0001	P	8.4

$$y = 1.2803\text{E-}005 * x + 6.4847\text{E-}005$$

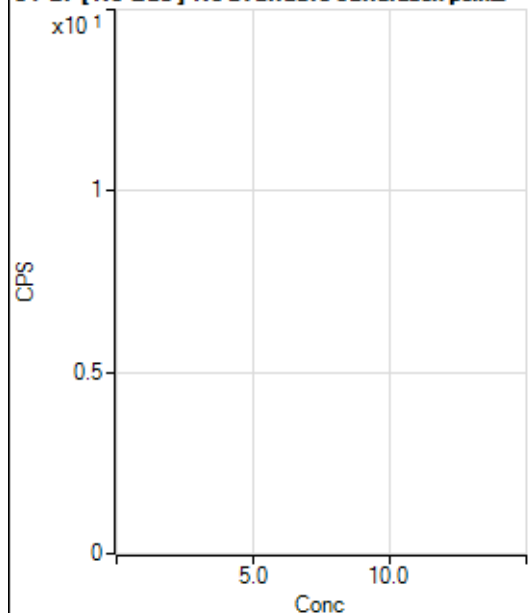
$$R = 0.9999$$

$$DL = 0.6885$$

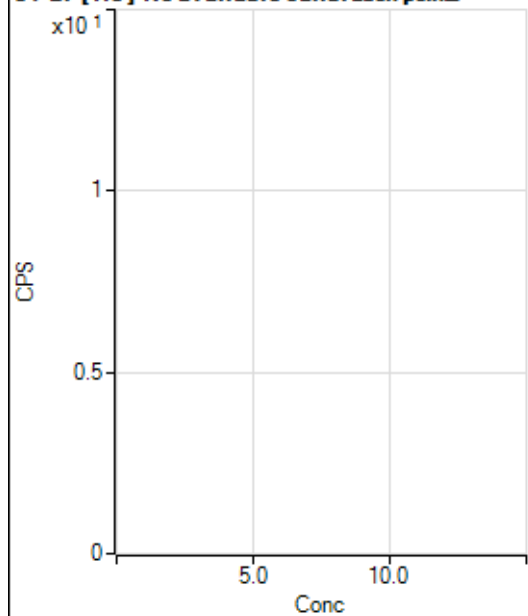
$$BEC = 5.065$$

Weight: <None>

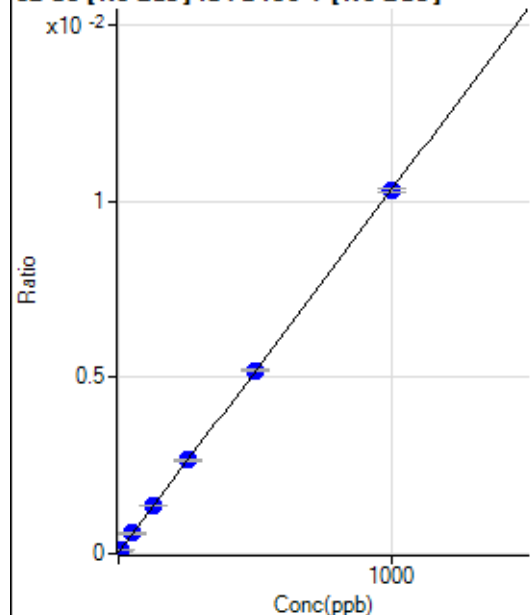
Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			18403.82		P	1.5
2	☐			18224.68		P	0.5
3	☐			17655.10		P	1.4
4	☐			17100.00		P	0.9
5	☐			16041.03		P	1.3
6	☐			15610.62		P	1.7
7	☐			15797.45		P	0.9
8	☐			16389.21		P	3.7

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			76.67		P	11.5
2	☐			62.22		P	20.3
3	☐			67.78		P	7.5
4	☐			55.56		P	39.0
5	☐			40.00		P	22.0
6	☐			48.89		P	7.9
7	☐			47.78		P	22.4
8	☐			44.44		P	41.3

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	205.69	0.0000	P	7.4
2	☐	5.000	5.053	535.53	0.0001	P	3.5
3	☐	50.000	53.215	3562.55	0.0006	P	5.5
4	☐	125.000	128.031	8343.54	0.0014	P	1.0
5	☐	250.000	255.405	15859.09	0.0027	P	1.3
6	☐	500.000	502.159	30878.20	0.0052	P	0.8
7	☐	1000.000	997.029	60639.52	0.0103	P	1.1
8	☐			255.72	0.0000	P	18.2

$$y = 1.0302\text{E-}005 * x + 3.2769\text{E-}005$$

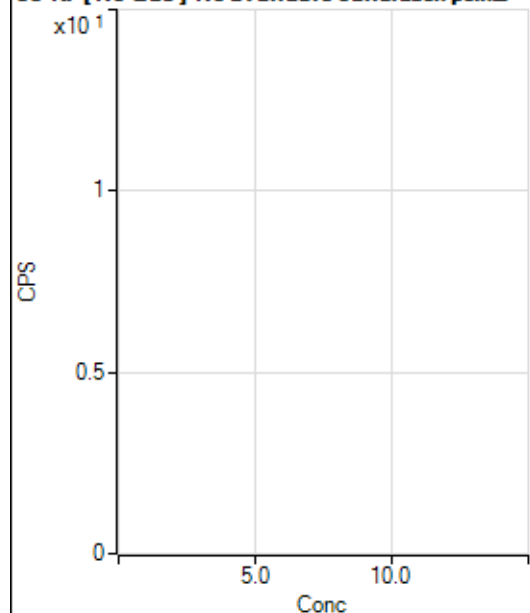
$$R = 1.0000$$

$$DL = 0.7086$$

$$BEC = 3.181$$

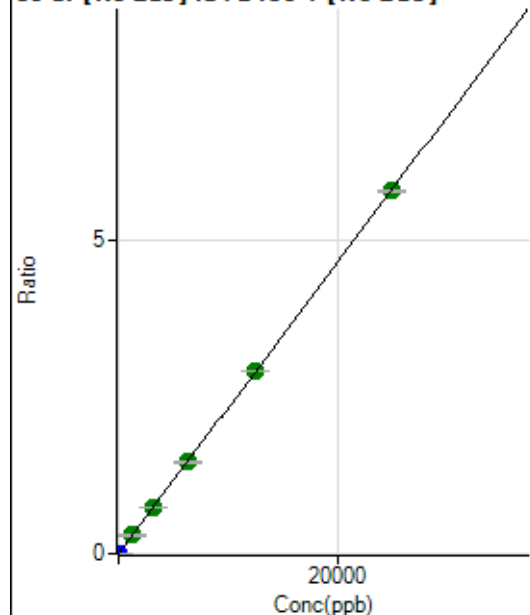
Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			62.22		P	26.4
2	☐			67.78		P	15.0
3	☐			58.89		P	13.1
4	☐			55.56		P	34.1
5	☐			62.22		P	18.8
6	☐			73.33		P	31.8
7	☐			66.67		P	21.8
8	☐			64.45		P	20.9

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	180.00	0.0000	P	16.1
2	☐	1.000	0.999	1645.67	0.0003	P	4.2
3	☐	1250.000	1290.844	1837475.86	0.2997	A	6.1
4	☐	3125.000	3130.059	4485612.50	0.7267	A	0.6
5	☐	6250.000	6296.539	8703490.57	1.4619	A	1.1
6	☐	12500.000	12562.708	17299962.24	2.9167	A	0.3
7	☐	25000.000	24954.336	34095427.55	5.7937	A	0.9
8	☐			10422.68	0.0018	P	9.8

$$y = 2.3217\text{E-}004 * x + 2.8707\text{E-}005$$

$$R = 1.0000$$

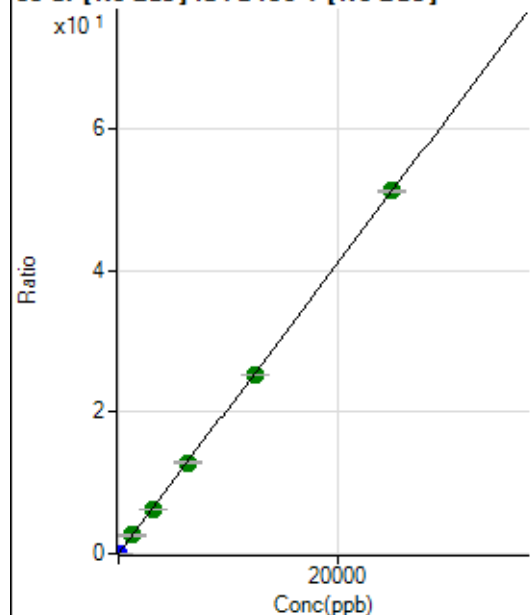
$$DL = 0.05957$$

$$BEC = 0.1236$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	730.03	0.0001	P	10.8
2	☐	1.000	0.981	13418.42	0.0021	P	1.6
3	☐	1250.000	1290.550	16204001.15	2.6431	A	6.0
4	☐	3125.000	3099.261	39175476.64	6.3473	A	1.1
5	☐	6250.000	6283.616	76612036.08	12.8688	A	1.1
6	☐	12500.000	12376.656	150339779.9	25.3473	A	0.6
7	☐	25000.000	25054.458	301962304.3	51.3112	A	0.5
8	☐			91469.15	0.0160	P	8.9

$$y = 0.0020 * x + 1.1635\text{E-}004$$

$$R = 1.0000$$

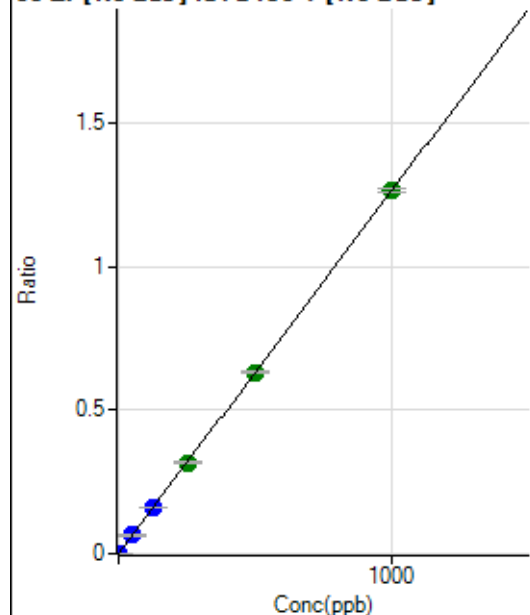
$$DL = 0.01843$$

$$BEC = 0.05681$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	264.45	0.0000	P	11.7
2	☐	1.000	0.929	7682.07	0.0012	P	1.0
3	☐	50.000	51.993	403135.04	0.0658	P	6.8
4	☐	125.000	125.707	981216.02	0.1590	P	0.8
5	☐	250.000	250.038	1882140.53	0.3162	A	1.5
6	☐	500.000	499.211	3743830.47	0.6312	A	0.8
7	☐	1000.000	1000.197	7441890.65	1.2646	A	1.1
8	☐			4836.40	0.0008	P	6.1

$$y = 0.0013 * x + 4.2119E-005$$

$$R = 1.0000$$

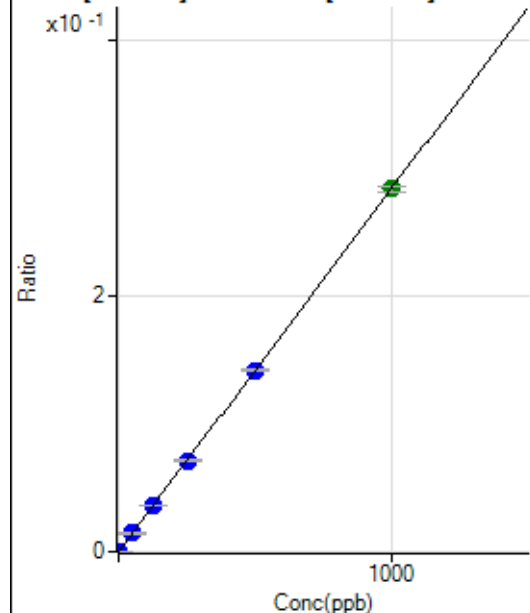
$$DL = 0.01168$$

$$BEC = 0.03331$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	53.33	0.0000	P	16.6
2	☐	1.000	0.927	1714.57	0.0003	P	1.8
3	☐	50.000	51.546	89695.20	0.0146	P	6.6
4	☐	125.000	125.212	219330.39	0.0355	P	0.5
5	☐	250.000	250.345	422905.35	0.0710	P	1.6
6	☐	500.000	500.185	841817.64	0.1419	P	0.5
7	☐	1000.000	999.717	1669261.47	0.2837	A	1.4
8	☐			1087.83	0.0002	P	6.1

$$y = 2.8374E-004 * x + 8.4988E-006$$

$$R = 1.0000$$

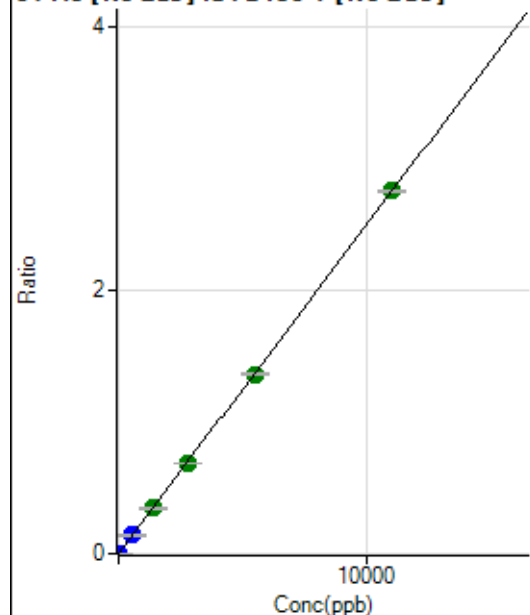
$$DL = 0.01491$$

$$BEC = 0.02995$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	213.34	0.0000	P	12.2
2	☐	5.000	5.815	9375.28	0.0015	P	0.3
3	☐	550.000	570.446	872711.62	0.1424	P	6.0
4	☐	1375.000	1375.950	2118880.87	0.3433	A	1.1
5	☐	2750.000	2752.029	4087736.33	0.6866	A	0.6
6	☐	5500.000	5449.170	8063560.85	1.3595	A	0.8
7	☐	11000.000	11023.766	16185327.40	2.7503	A	0.5
8	☐			10288.14	0.0018	P	6.0

$$y = 2.4948\text{E-}004 * x + 3.3974\text{E-}005$$

$$R = 1.0000$$

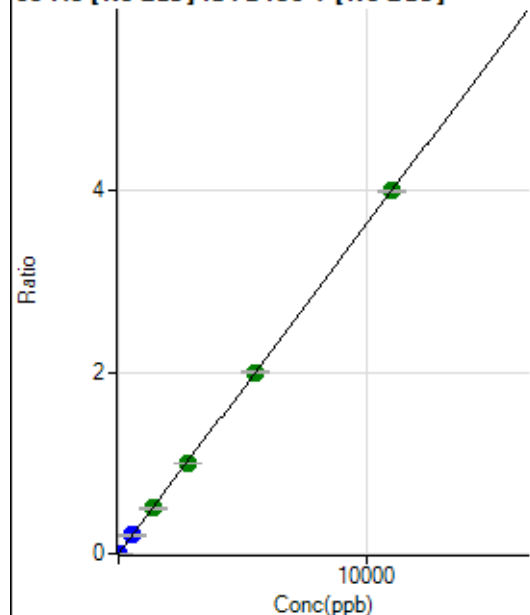
$$DL = 0.04991$$

$$BEC = 0.1362$$

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	393.34	0.0001	P	6.6
2	☐	5.000	4.703	11188.79	0.0018	P	1.6
3	☐	550.000	569.832	1269956.28	0.2072	P	6.3
4	☐	1375.000	1375.842	3086684.92	0.5001	A	1.2
5	☐	2750.000	2732.889	5913719.57	0.9934	A	1.0
6	☐	5500.000	5497.215	11850838.43	1.9981	A	0.9
7	☐	11000.000	11004.574	23538028.26	3.9998	A	0.6
8	☐			15450.49	0.0027	P	6.0

$$y = 3.6346\text{E-}004 * x + 6.2650\text{E-}005$$

$$R = 1.0000$$

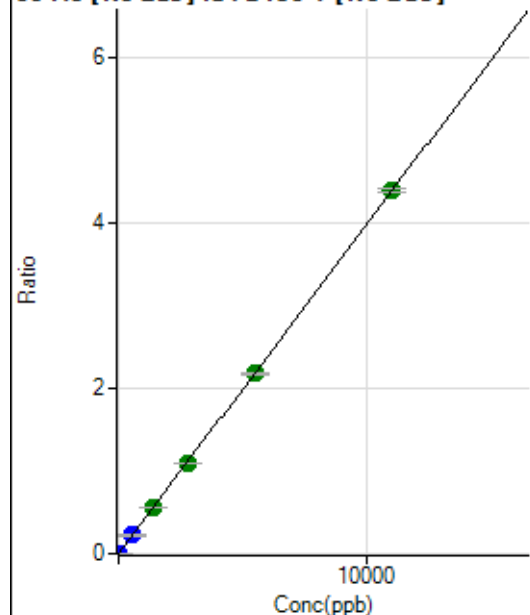
$$DL = 0.03403$$

$$BEC = 0.1724$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	131.11	0.0000	P	3.4
2	☐	5.000	4.908	12493.20	0.0020	P	1.7
3	☐	550.000	568.217	1389604.06	0.2267	P	6.3
4	☐	1375.000	1382.483	3404018.32	0.5515	A	0.6
5	☐	2750.000	2743.185	6514497.19	1.0943	A	1.7
6	☐	5500.000	5467.524	12936993.98	2.1811	A	0.7
7	☐	11000.000	11016.095	25860667.39	4.3945	A	1.0
8	☐			17954.50	0.0031	P	6.9

$$y = 3.9892\text{E-}004 * x + 2.0889\text{E-}005$$

$$R = 1.0000$$

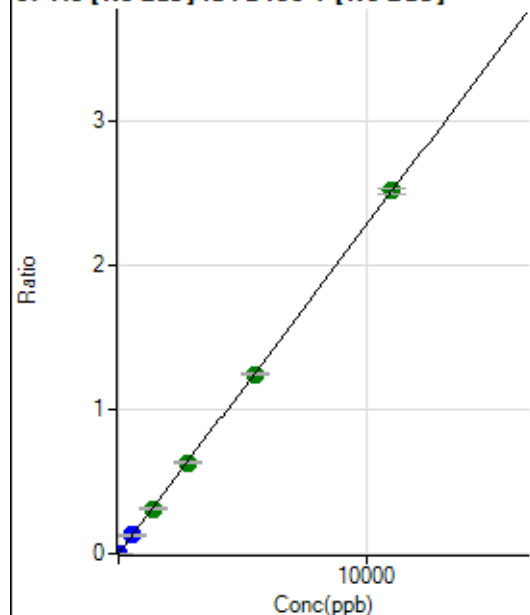
$$DL = 0.005392$$

$$BEC = 0.05236$$

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	82.22	0.0000	P	12.6
2	☐	5.000	4.844	7060.66	0.0011	P	1.2
3	☐	550.000	570.658	798117.27	0.1302	P	6.3
4	☐	1375.000	1369.680	1928547.73	0.3125	A	1.6
5	☐	2750.000	2761.295	3750267.79	0.6300	A	1.1
6	☐	5500.000	5444.602	7367499.89	1.2421	A	1.1
7	☐	11000.000	11024.507	14800434.36	2.5151	A	1.4
8	☐			9296.36	0.0016	P	4.5

$$y = 2.2813\text{E-}004 * x + 1.3103\text{E-}005$$

$$R = 1.0000$$

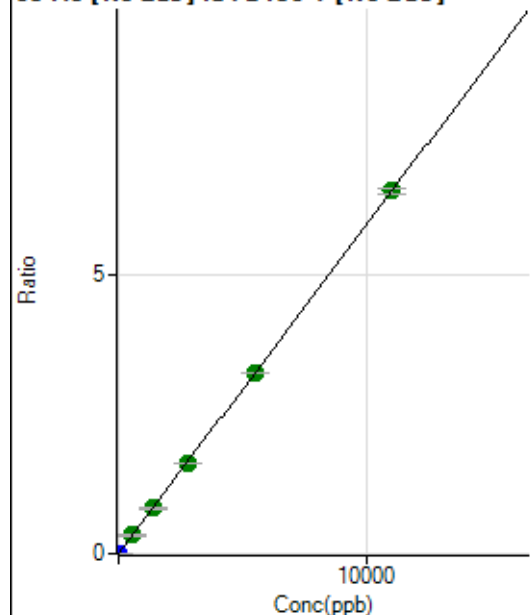
$$DL = 0.02166$$

$$BEC = 0.05744$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	147.78	0.0000	P	8.0
2	☐	5.000	4.858	18319.34	0.0029	P	0.8
3	☐	550.000	564.647	2049698.55	0.3345	A	7.5
4	☐	1375.000	1372.915	5020159.61	0.8134	A	0.4
5	☐	2750.000	2737.347	9654531.18	1.6217	A	0.8
6	☐	5500.000	5470.642	19222931.80	3.2409	A	0.2
7	☐	11000.000	11017.370	38408553.32	6.5268	A	1.4
8	☐			23845.12	0.0042	P	6.0

$$y = 5.9241\text{E-}004 * x + 2.3555\text{E-}005$$

$$R = 1.0000$$

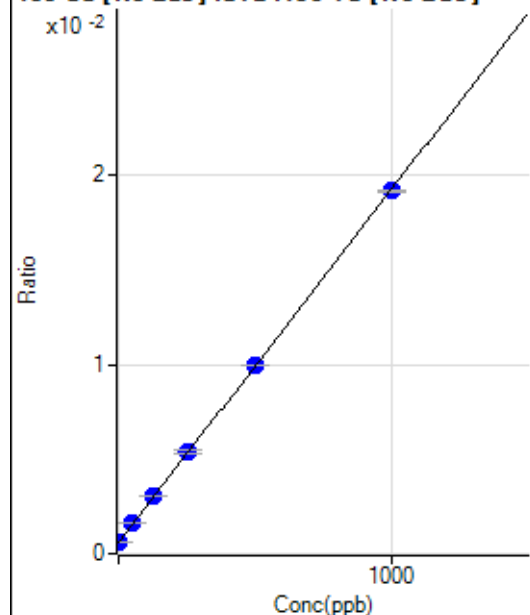
$$DL = 0.009588$$

$$BEC = 0.03976$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4133.95	0.0006	P	2.4
2	☐	1.000	2.356	4465.17	0.0006	P	1.6
3	☐	50.000	55.391	11072.08	0.0016	P	2.9
4	☐	125.000	133.861	21655.12	0.0031	P	0.5
5	☐	250.000	256.420	37275.59	0.0054	P	2.5
6	☐	500.000	502.776	68878.96	0.0100	P	0.5
7	☐	1000.000	995.628	133230.27	0.0192	P	0.4
8	☐			3881.67	0.0006	P	2.4

$$y = 1.8650\text{E-}005 * x + 5.8898\text{E-}004$$

$$R = 1.0000$$

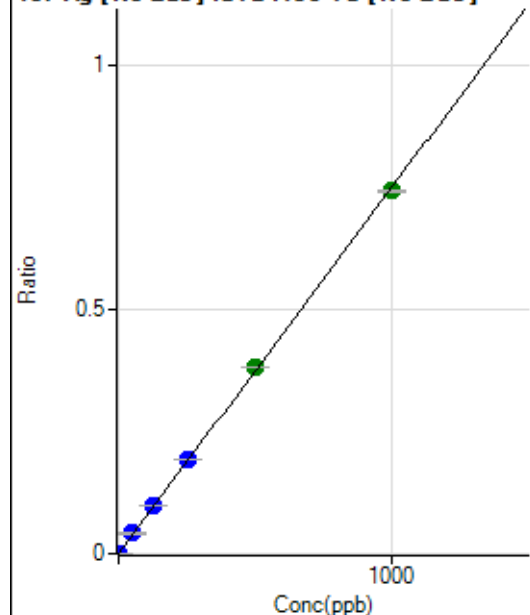
$$DL = 2.274$$

$$BEC = 31.58$$

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	61.11	0.0000	P	14.9
2	☐	1.000	1.012	5401.05	0.0008	P	4.0
3	☐	50.000	56.084	286117.54	0.0420	P	5.6
4	☐	125.000	132.437	695245.83	0.0991	P	0.4
5	☐	250.000	257.961	1338986.11	0.1929	P	1.4
6	☐	500.000	510.078	2636893.82	0.3815	A	0.3
7	☐	1000.000	991.737	5158250.65	0.7417	A	0.7
8	☐			1498.98	0.0002	P	7.9

$$y = 7.4790E-004 * x + 8.6980E-006$$

$$R = 0.9999$$

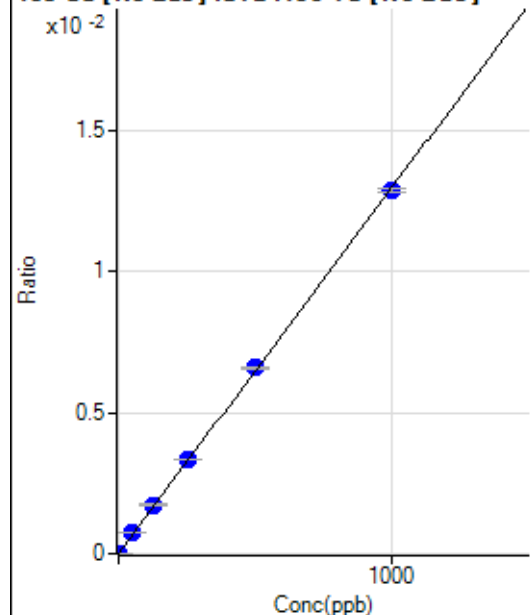
$$DL = 0.005207$$

$$BEC = 0.01163$$

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	8.89	0.0000	P	114.
2	☐	1.000	0.925	93.33	0.0000	P	6.6
3	☐	50.000	56.341	4984.23	0.0007	P	1.6
4	☐	125.000	132.719	12052.85	0.0017	P	3.9
5	☐	250.000	258.767	23236.45	0.0033	P	0.8
6	☐	500.000	508.145	45429.79	0.0066	P	0.8
7	☐	1000.000	992.454	89268.83	0.0128	P	0.9
8	☐			141.12	0.0000	P	17.0

$$y = 1.2933E-005 * x + 1.2611E-006$$

$$R = 0.9999$$

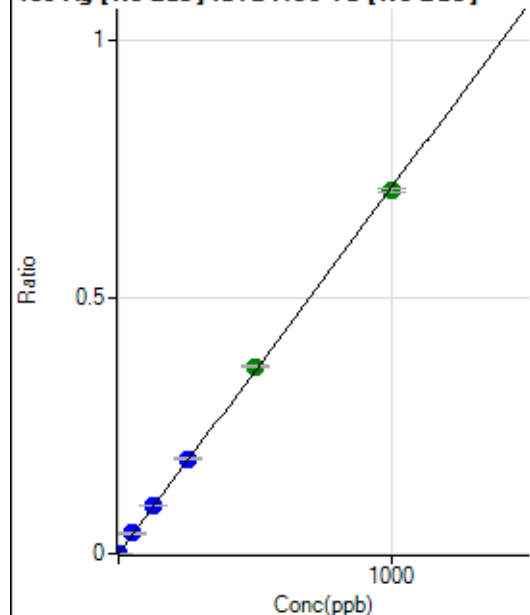
$$DL = 0.3356$$

$$BEC = 0.09751$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	12.22	0.0000	P	41.4
2	☐	1.000	0.993	5010.92	0.0007	P	2.3
3	☐	50.000	56.633	275508.93	0.0404	P	6.2
4	☐	125.000	133.180	666855.62	0.0950	P	0.4
5	☐	250.000	259.341	1284082.59	0.1850	P	0.7
6	☐	500.000	510.367	2516495.47	0.3641	A	1.0
7	☐	1000.000	991.127	4917078.26	0.7071	A	1.2
8	☐			1400.09	0.0002	P	9.0

$$y = 7.1341\text{E-}004 * x + 1.7412\text{E-}006$$

$$R = 0.9999$$

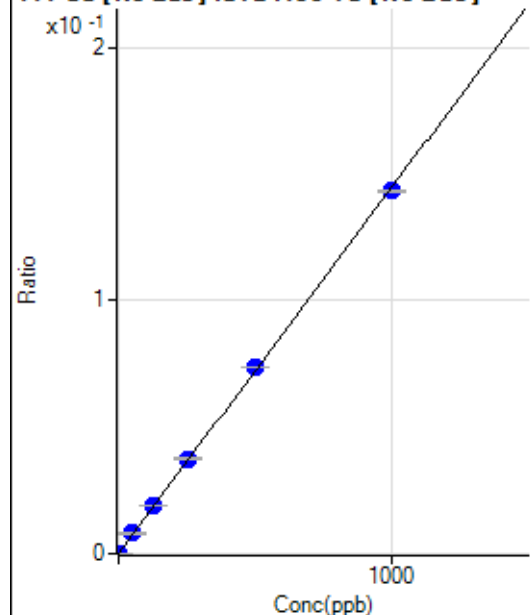
$$DL = 0.003034$$

$$BEC = 0.002441$$

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	410.50	0.0001	P	3.1
2	☐	1.000	1.085	1517.90	0.0002	P	4.7
3	☐	50.000	55.722	55293.65	0.0081	P	5.6
4	☐	125.000	131.883	134115.47	0.0191	P	1.0
5	☐	250.000	259.822	260889.55	0.0376	P	0.8
6	☐	500.000	509.798	509396.56	0.0737	P	0.6
7	☐	1000.000	991.499	996434.78	0.1433	P	0.8
8	☐			728.29	0.0001	P	6.3

$$y = 1.4445\text{E-}004 * x + 5.8489\text{E-}005$$

$$R = 0.9999$$

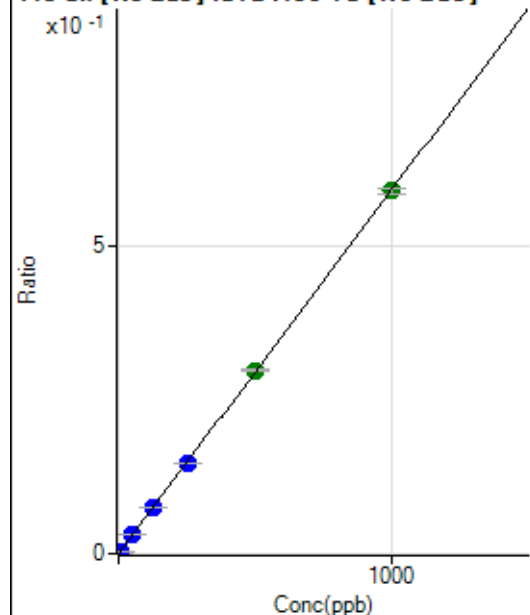
$$DL = 0.03737$$

$$BEC = 0.4049$$

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	1374.68	0.0002	P	33.5
2	☐	5.000	4.585	20538.11	0.0029	P	0.9
3	☐	50.000	53.289	216520.21	0.0317	P	5.6
4	☐	125.000	126.402	526673.51	0.0750	P	0.0
5	☐	250.000	248.872	1024054.15	0.1476	P	0.9
6	☐	500.000	504.151	2064527.16	0.2987	A	1.7
7	☐	1000.000	997.869	4109980.39	0.5910	A	1.6
8	☐			4450.89	0.0007	P	1.2

$$y = 5.9210\text{E-}004 * x + 1.9624\text{E-}004$$

$$R = 1.0000$$

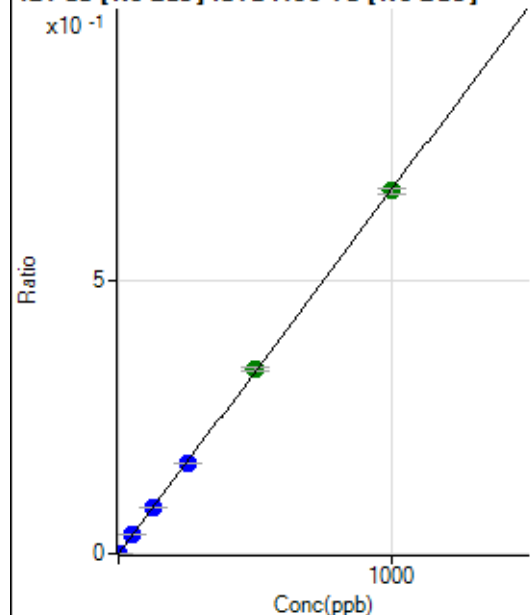
$$DL = 0.3326$$

$$BEC = 0.3314$$

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	15.55	0.0000	P	24.0
2	☐	2.000	1.943	9148.53	0.0013	P	2.6
3	☐	50.000	52.688	239453.23	0.0351	P	5.8
4	☐	125.000	125.922	588965.81	0.0839	P	0.5
5	☐	250.000	248.234	1148107.21	0.1654	P	0.9
6	☐	500.000	507.003	2335181.32	0.3379	A	1.2
7	☐	1000.000	996.690	4619049.31	0.6642	A	1.4
8	☐			3680.51	0.0006	P	4.0

$$y = 6.6640\text{E-}004 * x + 2.2134\text{E-}006$$

$$R = 1.0000$$

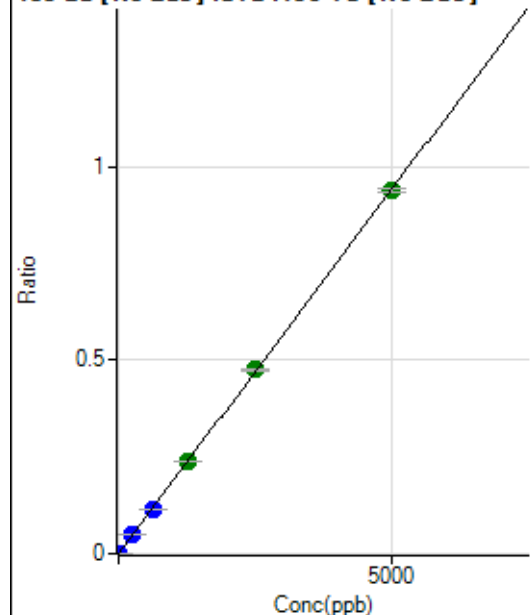
$$DL = 0.002396$$

$$BEC = 0.003321$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	21.11	0.0000	P	23.6
2	☐	10.000	9.632	12814.76	0.0018	P	2.1
3	☐	250.000	258.016	331338.99	0.0486	P	5.2
4	☐	625.000	615.149	812840.79	0.1158	P	0.6
5	☐	1250.000	1264.026	1651563.55	0.2380	A	1.5
6	☐	2500.000	2528.960	3290717.24	0.4761	A	1.1
7	☐	5000.000	4982.845	6523788.86	0.9381	A	1.1
8	☐			3082.59	0.0005	P	7.8

$$y = 1.8827E-004 * x + 3.0052E-006$$

$$R = 1.0000$$

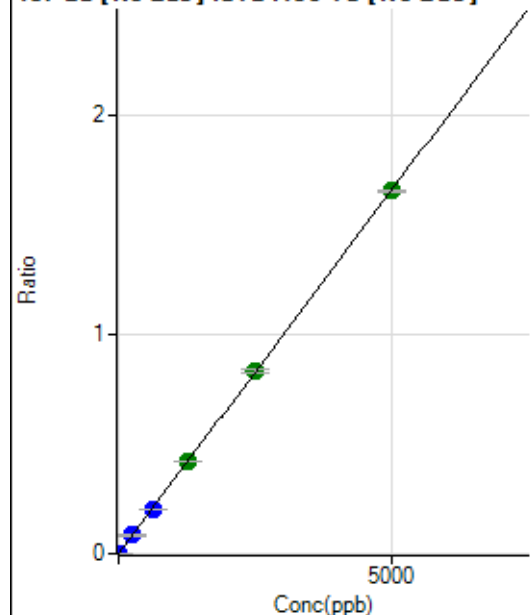
$$DL = 0.01132$$

$$BEC = 0.01596$$

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	26.67	0.0000	P	44.9
2	☐	10.000	9.344	21915.86	0.0031	P	0.9
3	☐	250.000	255.701	579190.33	0.0849	P	4.9
4	☐	625.000	610.632	1423126.02	0.2028	P	0.4
5	☐	1250.000	1267.932	2921983.88	0.4210	A	0.9
6	☐	2500.000	2510.699	5761792.14	0.8337	A	1.6
7	☐	5000.000	4991.680	11527170.94	1.6575	A	0.5
8	☐			5313.27	0.0008	P	7.0

$$y = 3.3205E-004 * x + 3.7989E-006$$

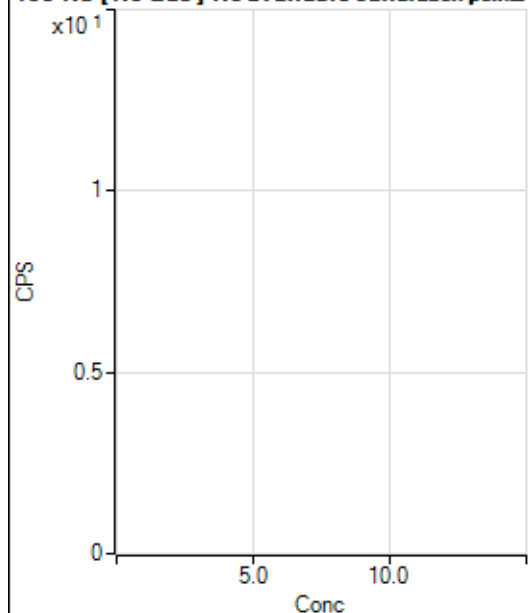
$$R = 1.0000$$

$$DL = 0.0154$$

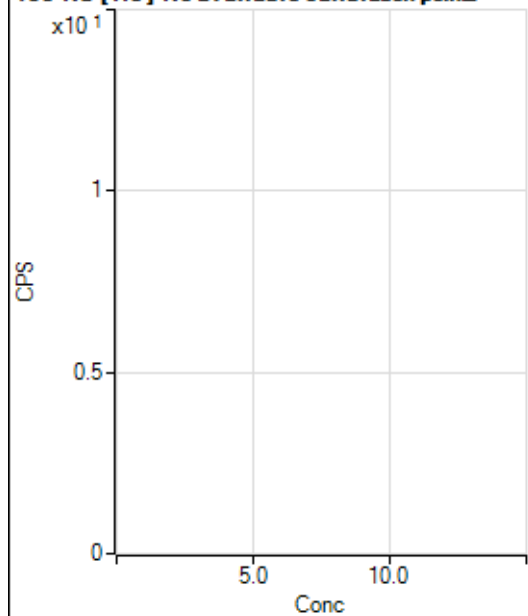
$$BEC = 0.01144$$

Weight: <None>

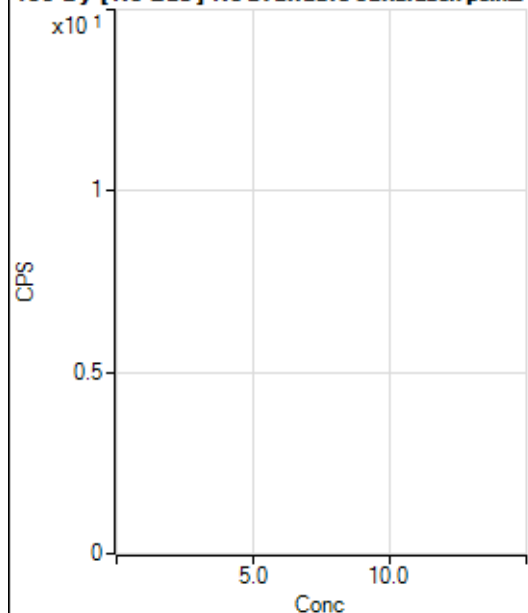
Min Conc: 0

150 Nd [No Gas] No available calibration points

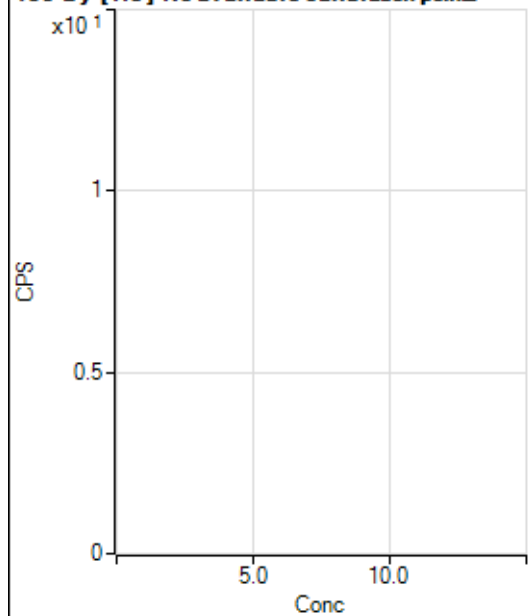
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	114.
2	☐			11.11		P	45.8
3	☐			101.11		P	25.6
4	☐			231.12		P	14.0
5	☐			401.12		P	2.9
6	☐			765.58		P	6.8
7	☐			1514.54		P	4.2
8	☐			112.22		P	1.7

150 Nd [He] No available calibration points

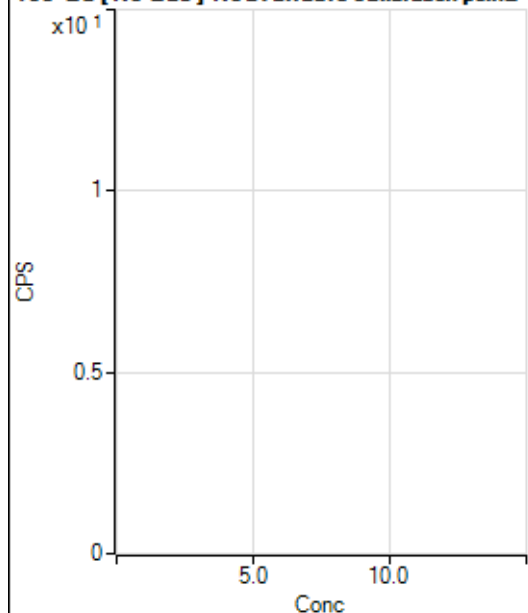
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐			3.33		P	173.
3	☐			16.67		P	52.9
4	☐			38.89		P	21.6
5	☐			61.11		P	11.4
6	☐			126.67		P	9.1
7	☐			240.00		P	8.3
8	☐			50.00		P	6.7

156 Dy [No Gas] No available calibration points

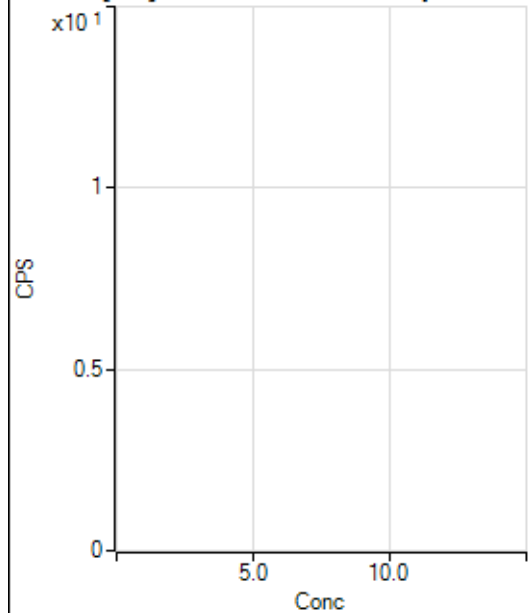
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			12.22		P	78.7
2	☐			7.78		P	65.5
3	☐			23.33		P	62.3
4	☐			38.89		P	4.9
5	☐			75.56		P	16.7
6	☐			140.00		P	8.6
7	☐			291.12		P	8.6
8	☐			283.34		P	17.1

156 Dy [He] No available calibration points

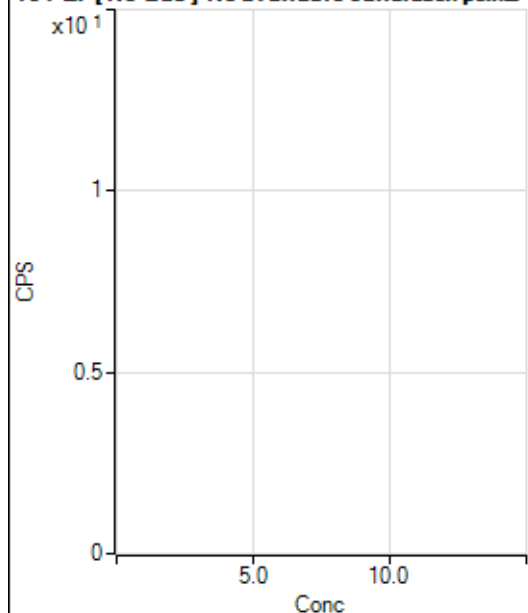
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	86.6
2	☐			1.11		P	173.
3	☐			22.22		P	60.6
4	☐			43.33		P	27.7
5	☐			83.33		P	16.0
6	☐			135.56		P	11.6
7	☐			281.12		P	14.5
8	☐			164.45		P	5.1

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

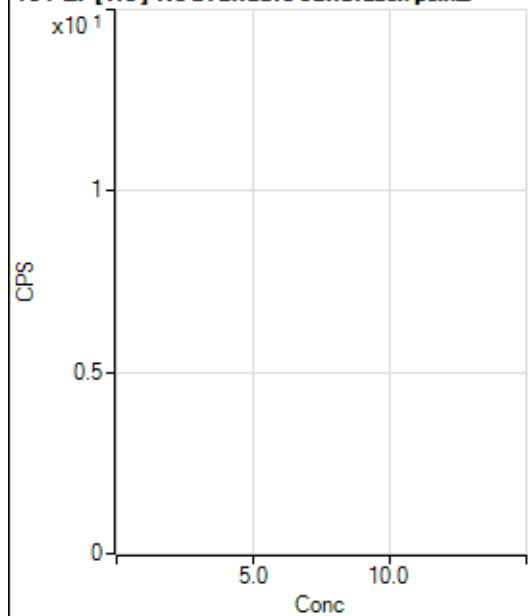
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			46.67		P	18.9
2	☐			52.22		P	24.2
3	☐			36.67		P	24.1
4	☐			45.55		P	15.2
5	☐			60.00		P	19.2
6	☐			66.67		P	26.5
7	☐			92.22		P	12.7
8	☐			230.01		P	5.0

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			214.45		P	6.5
2	☐			242.23		P	3.2
3	☐			267.78		P	11.5
4	☐			284.45		P	12.5
5	☐			243.34		P	18.4
6	☐			245.56		P	10.2
7	☐			257.78		P	7.8
8	☐			318.89		P	6.1

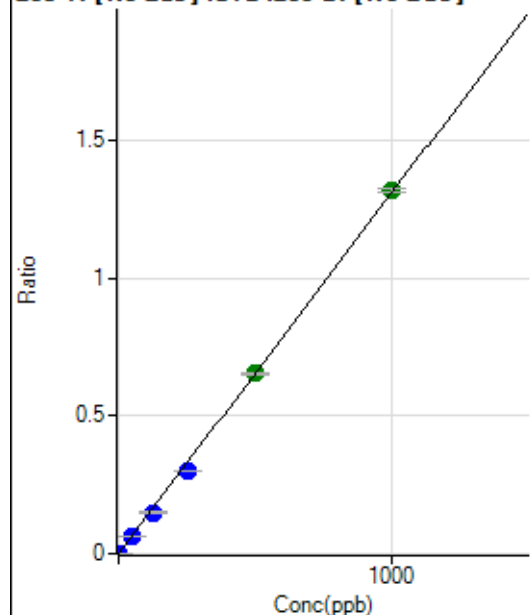
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			44.45		P	35.4
2	☐			44.45		P	62.9
3	☐			67.78		P	52.6
4	☐			61.11		P	22.7
5	☐			71.11		P	9.8
6	☐			60.00		P	20.0
7	☐			108.89		P	15.1
8	☐			208.89		P	7.5

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			26.67		P	37.5
2	☐			22.22		P	52.7
3	☐			28.89		P	46.6
4	☐			33.33		P	36.1
5	☐			36.67		P	45.5
6	☐			51.11		P	16.4
7	☐			71.11		P	26.7
8	☐			121.11		P	6.4

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	70.00	0.0000	P	17.3
2	☐	1.000	0.856	5552.29	0.0011	P	1.9
3	☐	50.000	47.102	290007.77	0.0616	P	5.3
4	☐	125.000	114.153	717252.79	0.1493	P	1.0
5	☐	250.000	229.917	1421324.84	0.3008	P	1.0
6	☐	500.000	499.670	3097157.45	0.6537	A	1.0
7	☐	1000.000	1006.687	6089707.06	1.3170	A	1.2
8	☐			1460.10	0.0004	P	17.6

$$y = 0.0013 * x + 1.4465E-005$$

$$R = 0.9998$$

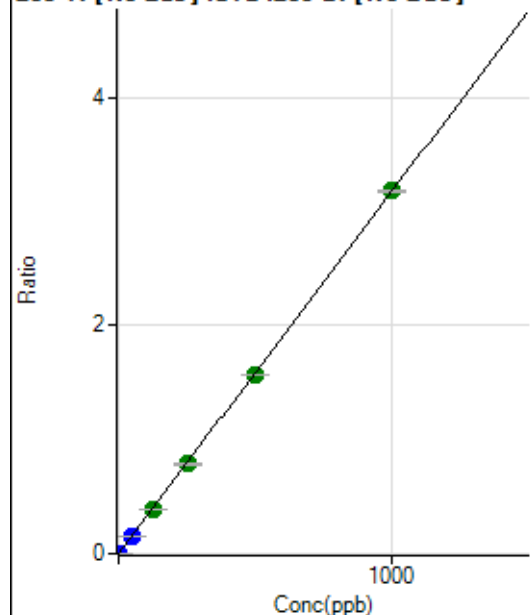
$$DL = 0.005743$$

$$BEC = 0.01106$$

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	195.56	0.0000	P	10.8
2	☐	1.000	0.863	13592.44	0.0028	P	1.5
3	☐	50.000	46.489	693366.99	0.1474	P	5.4
4	☐	125.000	122.546	1865101.64	0.3884	A	1.3
5	☐	250.000	247.558	3707037.20	0.7845	A	1.0
6	☐	500.000	495.818	7444522.11	1.5712	A	0.5
7	☐	1000.000	1003.184	14700658.95	3.1790	A	0.7
8	☐			3476.04	0.0009	P	14.0

$$y = 0.0032 * x + 4.0348E-005$$

$$R = 1.0000$$

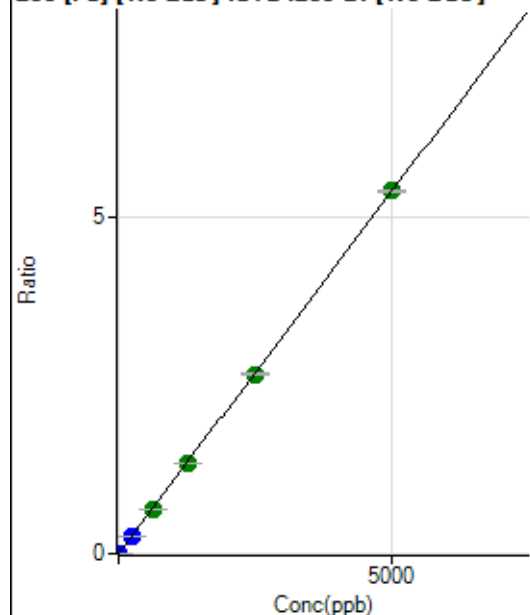
$$DL = 0.004112$$

$$BEC = 0.01273$$

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	291.12	0.0001	P	3.0
2	☐	1.000	0.875	4897.60	0.0010	P	5.2
3	☐	250.000	234.753	1186946.19	0.2522	P	5.2
4	☐	625.000	614.644	3171326.17	0.6603	A	1.1
5	☐	1250.000	1246.644	6328322.47	1.3393	A	1.5
6	☐	2500.000	2481.053	12628611.76	2.6653	A	0.7
7	☐	5000.000	5012.369	24900502.40	5.3846	A	0.4
8	☐			10082.71	0.0025	P	6.3

$$y = 0.0011 * x + 6.0093E-005$$

$$R = 1.0000$$

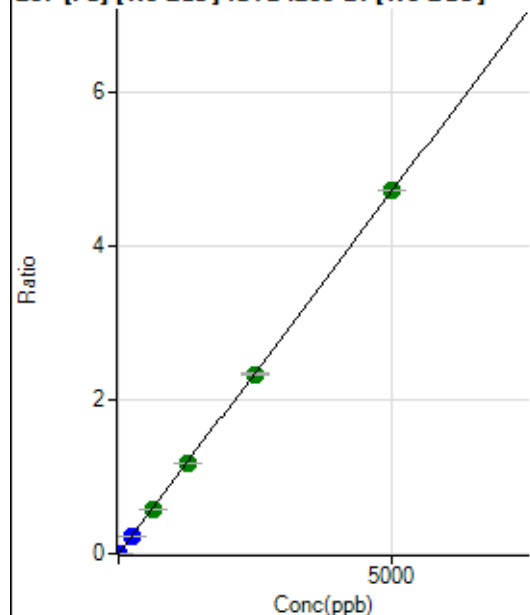
$$DL = 0.005034$$

$$BEC = 0.05594$$

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	244.45	0.0001	P	7.1
2	☐	1.000	0.861	4211.80	0.0009	P	1.8
3	☐	250.000	234.099	1036318.28	0.2202	P	5.2
4	☐	625.000	617.840	2791046.55	0.5812	A	1.2
5	☐	1250.000	1247.393	5543966.03	1.1733	A	1.8
6	☐	2500.000	2476.741	11038113.86	2.3295	A	0.9
7	☐	5000.000	5013.971	21808581.62	4.7159	A	0.1
8	☐			9044.22	0.0023	P	7.7

$$y = 9.4054E-004 * x + 5.0447E-005$$

$$R = 1.0000$$

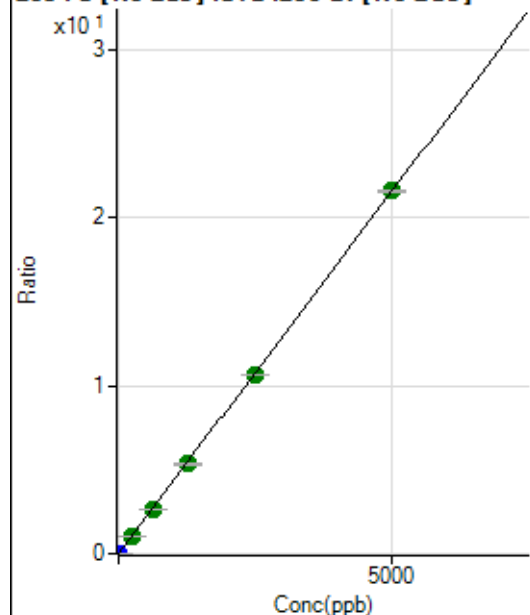
$$DL = 0.01137$$

$$BEC = 0.05364$$

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	1070.03	0.0002	P	4.8
2	☐	1.000	0.869	19384.48	0.0040	P	1.0
3	☐	250.000	244.189	4944221.06	1.0508	A	5.4
4	☐	625.000	615.040	12708865.12	2.6463	A	1.1
5	☐	1250.000	1244.386	25298247.61	5.3539	A	1.4
6	☐	2500.000	2478.207	50519555.78	10.6620	A	0.5
7	☐	5000.000	5013.836	99754902.68	21.5709	A	0.2
8	☐			40846.66	0.0102	P	7.1

$$y = 0.0043 * x + 2.2084E-004$$

$$R = 1.0000$$

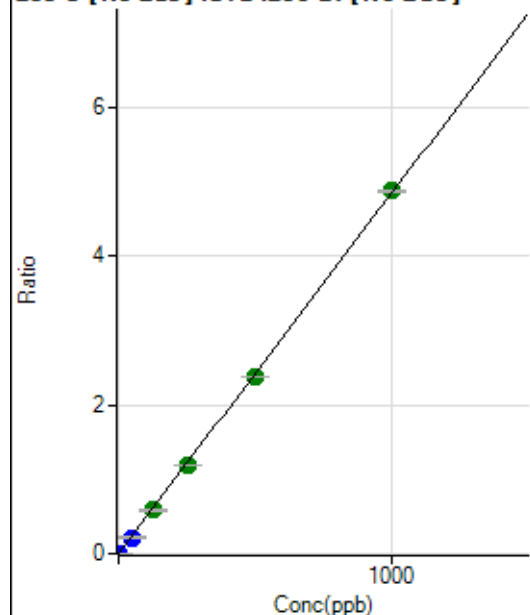
$$DL = 0.007395$$

$$BEC = 0.05133$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	28.89	0.0000	P	24.2
2	☐	1.000	0.801	19033.70	0.0039	P	0.1
3	☐	50.000	44.441	1013500.91	0.2154	P	5.2
4	☐	125.000	121.114	2818798.33	0.5870	A	2.0
5	☐	250.000	244.075	5589409.50	1.1829	A	1.0
6	☐	500.000	490.779	11269628.03	2.3785	A	0.2
7	☐	1000.000	1006.856	22564235.50	4.8796	A	0.8
8	☐			3596.09	0.0009	P	14.6

$$y = 0.0048 * x + 5.9646E-006$$

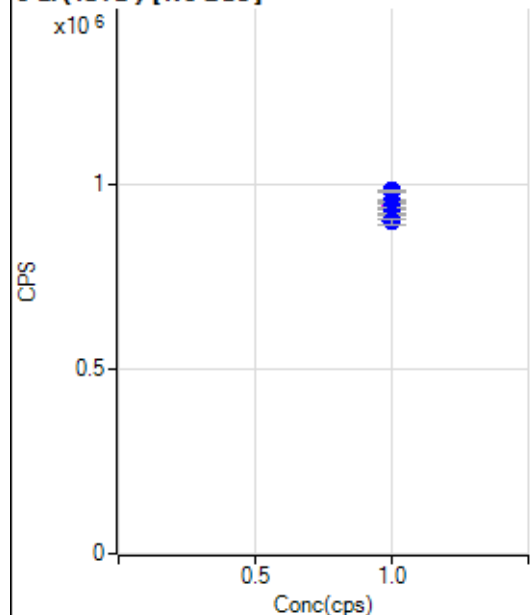
$$R = 0.9999$$

$$DL = 0.0008952$$

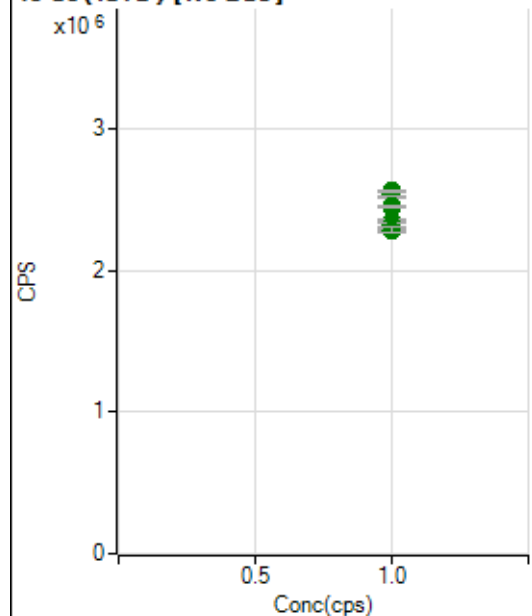
$$BEC = 0.001231$$

Weight: <None>

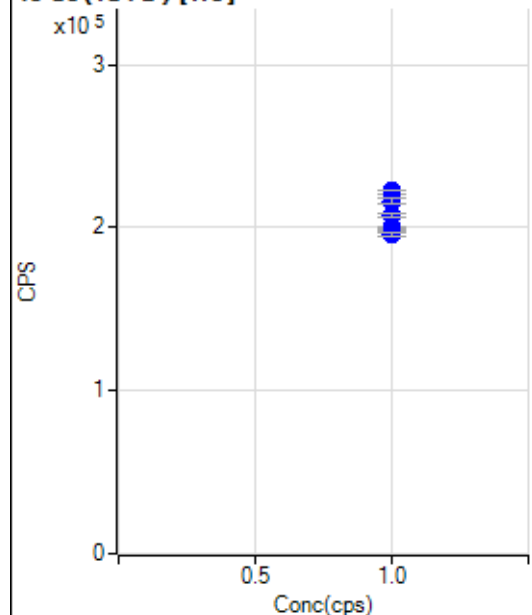
Min Conc: 0

6 Li (ISTD) [No Gas]

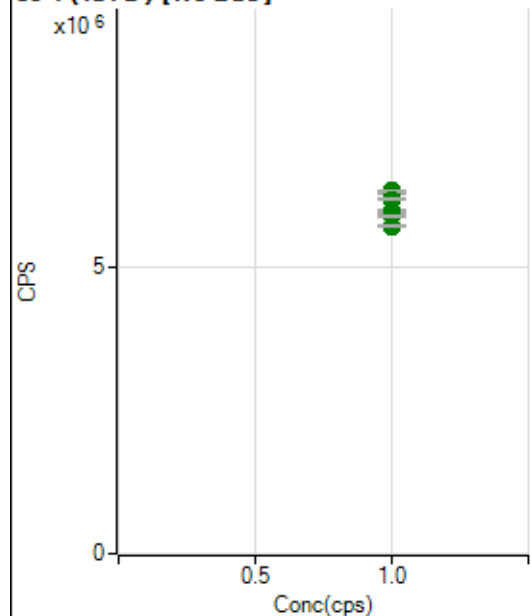
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		957198.65		M	4.7
2	☐	1.000		953578.90		A	1.2
3	☐	1.000		946341.25		M	2.1
4	☐	1.000		985142.02		P	0.6
5	☐	1.000		954090.55		P	0.3
6	☐	1.000		938105.37		P	0.1
7	☐	1.000		921429.63		P	0.1
8	☐	1.000		901020.84		P	1.4

45 Sc (ISTD) [No Gas]

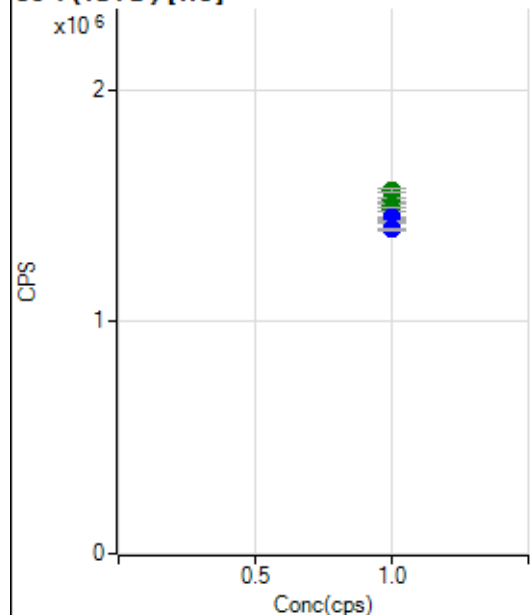
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2539738.50		A	1.5
2	☐	1.000		2566771.51		A	0.2
3	☐	1.000		2451235.43		A	6.3
4	☐	1.000		2456948.47		A	0.4
5	☐	1.000		2356841.81		A	0.6
6	☐	1.000		2327622.59		A	1.1
7	☐	1.000		2287038.06		A	0.5
8	☐	1.000		2287981.68		A	2.0

45 Sc (ISTD) [He]

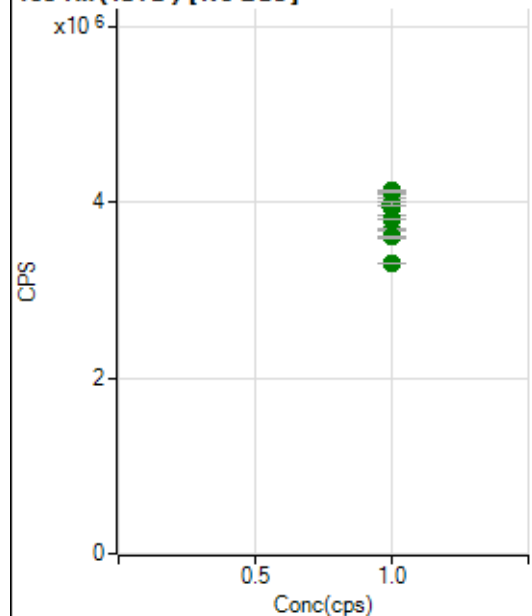
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		220857.37		P	0.2
2	☐	1.000		222483.10		P	0.1
3	☐	1.000		216277.62		P	1.3
4	☐	1.000		207836.45		P	0.9
5	☐	1.000		200041.97		P	0.7
6	☐	1.000		197624.19		P	0.9
7	☐	1.000		195891.90		P	0.9
8	☐	1.000		196170.81		P	1.2

89 Y (ISTD) [No Gas]

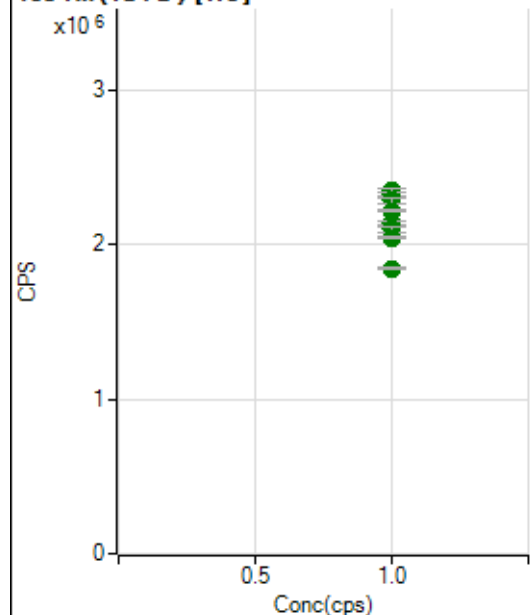
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6276275.32		A	0.9
2	☐	1.000		6313954.70		A	0.4
3	☐	1.000		6144723.66		A	5.7
4	☐	1.000		6172295.74		A	0.9
5	☐	1.000		5953707.69		A	1.1
6	☐	1.000		5931319.50		A	0.5
7	☐	1.000		5885038.17		A	0.7
8	☐	1.000		5701874.43		A	0.6

89 Y (ISTD) [He]

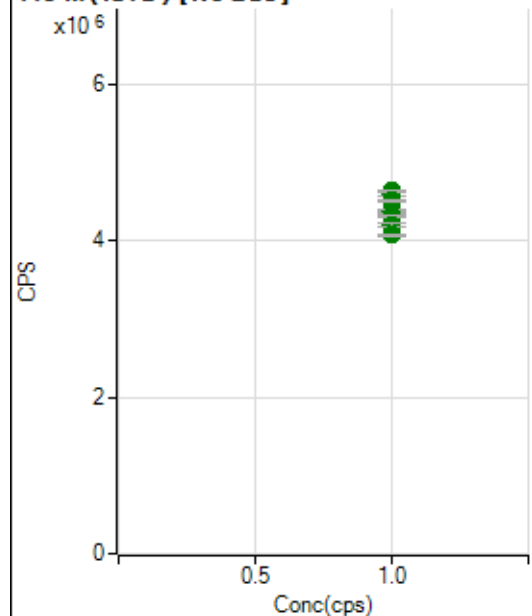
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1524625.78		A	0.6
2	☐	1.000		1562609.91		A	1.2
3	☐	1.000		1499526.42		A	1.2
4	☐	1.000		1481034.04		A	1.0
5	☐	1.000		1446037.89		P	0.2
6	☐	1.000		1439879.37		P	0.6
7	☐	1.000		1429841.94		P	0.9
8	☐	1.000		1395792.97		P	0.1

103 Rh (ISTD) [No Gas]

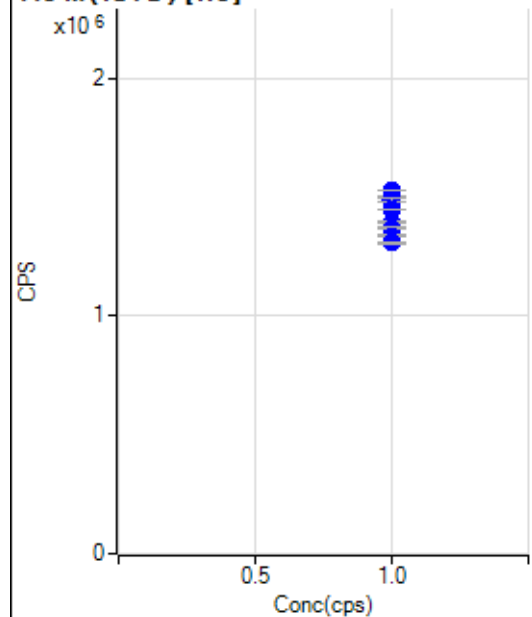
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4097552.86		A	0.6
2	☐	1.000		4124689.07		A	0.6
3	☐	1.000		3942302.96		A	4.8
4	☐	1.000		3976720.42		A	0.9
5	☐	1.000		3803761.78		A	0.2
6	☐	1.000		3679478.87		A	0.7
7	☐	1.000		3600140.36		A	0.8
8	☐	1.000		3308057.10		A	0.1

103 Rh (ISTD) [He]

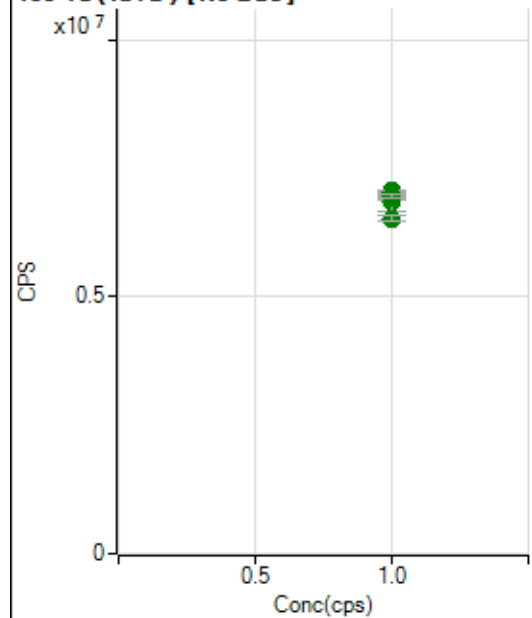
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2328381.87		A	0.6
2	☐	1.000		2348681.58		A	1.0
3	☐	1.000		2284651.37		A	1.3
4	☐	1.000		2219173.99		A	0.6
5	☐	1.000		2138605.23		A	1.1
6	☐	1.000		2101413.53		A	1.9
7	☐	1.000		2045546.01		A	0.9
8	☐	1.000		1846660.32		A	0.7

115 In (ISTD) [No Gas]

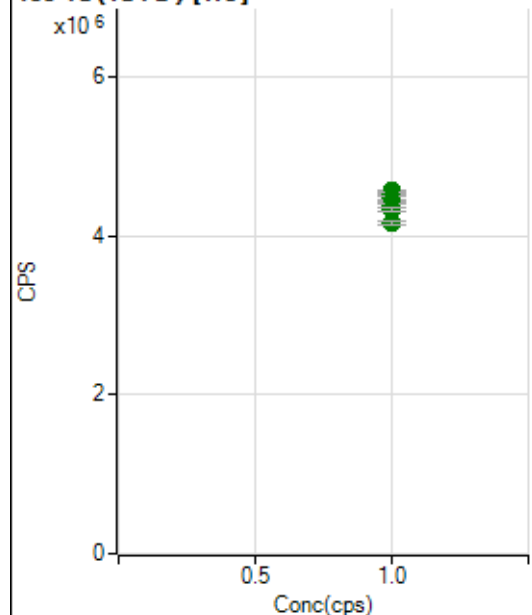
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4609949.45		A	1.6
2	☐	1.000		4641850.22		A	0.3
3	☐	1.000		4504134.86		A	5.1
4	☐	1.000		4517357.59		A	0.6
5	☐	1.000		4379234.66		A	1.5
6	☐	1.000		4322427.57		A	0.4
7	☐	1.000		4207039.00		A	0.9
8	☐	1.000		4079448.97		A	0.7

115 In (ISTD) [He]

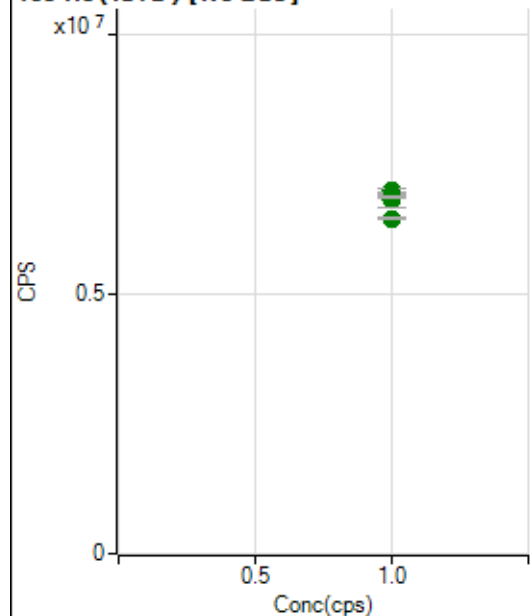
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1503296.35		P	0.5
2	☐	1.000		1525098.86		P	0.1
3	☐	1.000		1489752.07		P	1.0
4	☐	1.000		1447629.00		P	0.1
5	☐	1.000		1394213.09		P	0.4
6	☐	1.000		1370078.52		P	0.6
7	☐	1.000		1336334.88		P	0.6
8	☐	1.000		1307455.39		P	0.3

159 Tb (ISTD) [No Gas]

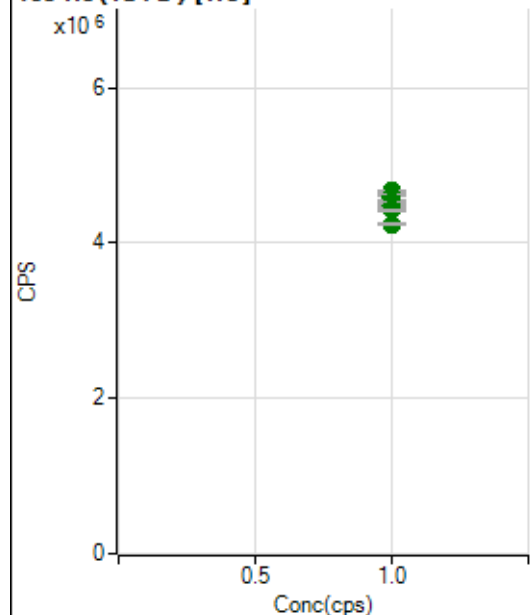
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7019731.28		A	0.9
2	☐	1.000		7054719.06		A	0.7
3	☐	1.000		6831948.72		A	4.8
4	☐	1.000		7018623.51		A	1.0
5	☐	1.000		6940629.97		A	1.0
6	☐	1.000		6911832.47		A	0.9
7	☐	1.000		6954675.18		A	1.1
8	☐	1.000		6524274.97		A	1.5

159 Tb (ISTD) [He]

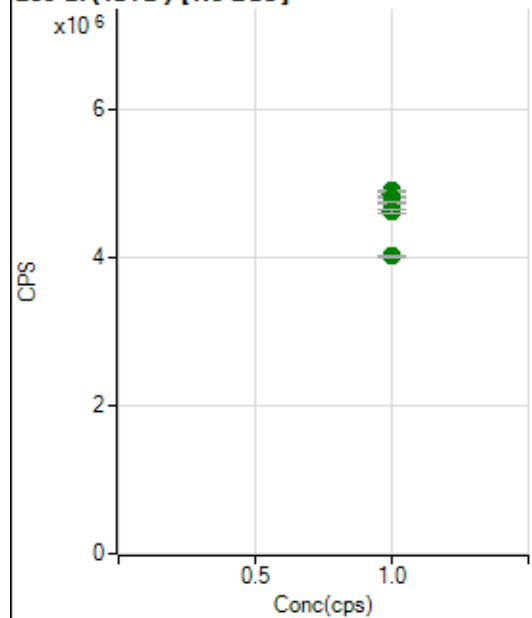
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4529913.65		A	0.4
2	☐	1.000		4568475.35		A	0.4
3	☐	1.000		4526345.98		A	0.7
4	☐	1.000		4481825.77		A	1.5
5	☐	1.000		4423591.95		A	0.7
6	☐	1.000		4388378.86		A	0.9
7	☐	1.000		4329750.73		A	1.2
8	☐	1.000		4165251.81		A	0.8

165 Ho (ISTD) [No Gas]

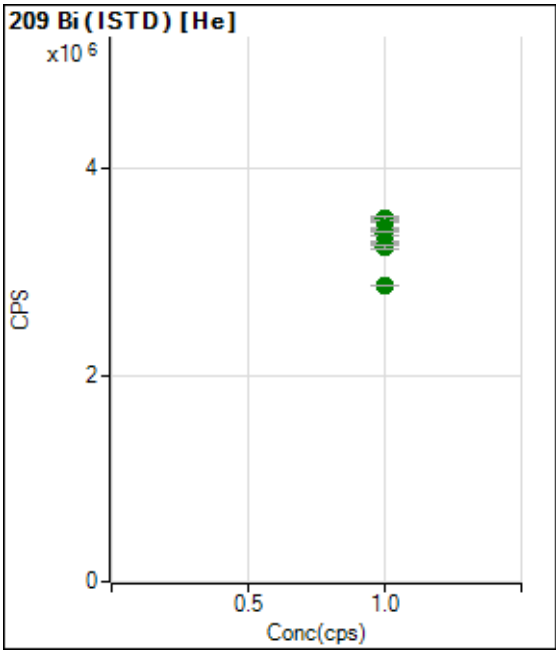
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6895614.34		A	1.1
2	☐	1.000		6976606.63		A	0.9
3	☐	1.000		6802129.41		A	4.5
4	☐	1.000		6903938.58		A	0.6
5	☐	1.000		6850899.06		A	0.1
6	☐	1.000		6859445.66		A	0.9
7	☐	1.000		6852919.48		A	0.9
8	☐	1.000		6448860.39		A	0.5

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4581938.09		A	1.0
2	☐	1.000		4672430.14		A	0.8
3	☐	1.000		4595326.70		A	1.7
4	☐	1.000		4528288.47		A	0.7
5	☐	1.000		4464510.04		A	1.0
6	☐	1.000		4494623.27		A	1.2
7	☐	1.000		4421287.88		A	0.9
8	☐	1.000		4239261.64		A	0.4

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4844707.46		A	0.9
2	☐	1.000		4897257.77		A	0.6
3	☐	1.000		4713217.26		A	4.7
4	☐	1.000		4802625.62		A	0.5
5	☐	1.000		4725433.85		A	0.5
6	☐	1.000		4738191.67		A	0.5
7	☐	1.000		4624488.82		A	1.2
8	☐	1.000		4020781.23		A	0.6



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3501008.45		A	0.7
2	☐	1.000		3512781.09		A	0.7
3	☐	1.000		3513058.56		A	1.2
4	☐	1.000		3420084.50		A	0.7
5	☐	1.000		3369240.75		A	0.9
6	☐	1.000		3294470.16		A	0.6
7	☐	1.000		3241052.66		A	1.5
8	☐	1.000		2862857.01		A	0.1

US EPA Tune Check Report

Operator Name Jaswal

Acq/Data Batch D:\Agilent\ICPMH\1\DATA\IP7060424-MS.b

Acq. Date-Time 2024-06-04 11:22:03

Report Comment ---

Instrument Name G8403A JP14410463

[No Gas]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
9		5273	52730.10			0.453	5.000
24		46119	461194.78			0.579	5.000
25		6026	60259.43			0.681	5.000
26		6814	68138.35			0.435	5.000
59		45675	456746.02			0.368	5.000
113		6887	68871.12			0.405	5.000
115		85768	857680.43			0.320	5.000
206		25495	254952.02			0.274	5.000
207		24158	241575.82			0.697	5.000
208		55109	551090.81			0.322	5.000
220		0	1.20			55.902	

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

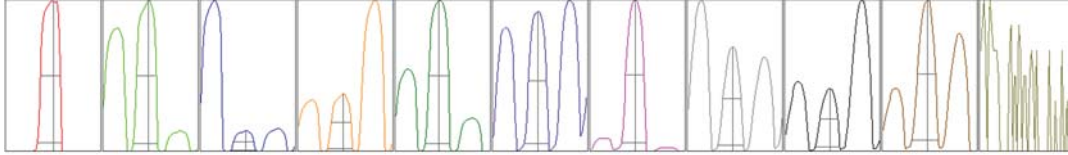
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	5280	5291	5298	5251	5245
24	45705	46071	46437	46190	46194
25	5964	6039	6056	6007	6064
26	6772	6801	6815	6834	6848
59	45558	45940	45743	45549	45583
113	6872	6926	6905	6874	6858
115	85870	86116	85826	85651	85377
206	25459	25520	25605	25463	25428
207	24169	24330	24286	24098	23905
208	55094	55303	55197	55126	54826

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	8499.83	9.05	8.90 - 9.10	
24	75605.92	23.95	23.90 - 24.10	
25	9807.50	24.95	24.90 - 25.10	
26	11046.21	25.95	25.90 - 26.10	
59	74692.72	58.90	58.90 - 59.10	
113	12256.88	112.95	112.90 - 113.10	
115	154053.70	114.95	114.90 - 115.10	
206	45610.84	205.95	205.90 - 206.10	
207	41243.75	206.95	206.90 - 207.10	
208	98499.79	207.95	207.90 - 208.10	
220			-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.63	0.772	0.900	
24	0.64	0.776	0.900	
25	0.64	0.747	0.900	
26	0.64	0.785	0.900	
59	0.63	0.785	0.900	
113	0.57	0.783	0.900	
115	0.57	0.783	0.900	
206	0.57	0.816	0.900	
207	0.58	0.776	0.900	
208	0.57	0.841	0.900	
220				

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode --- Nebulizer Gas 0.82 L/min Dilution Gas 0.40 L/min

US EPA Tune Check Report

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

Lens Parameters

Extract 1	0.0 V	Omega Lens	8.8 V	Deflect	15.0 V
Extract 2	-130.0 V	Cell Entrance	-30 V	Plate Bias	-35 V
Omega Bias	-75 V	Cell Exit	-50 V		

Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	---	OctP RF	190 V		

QP Parameters

Mass Gain	132	Axis Gain	0.9970	QP Bias	-3.0 V
Mass Offset	130	Axis Offset	0.12		

Hardware Settings

Torch

Torch H	-0.3 mm	Torch V	0.2 mm
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EM

Discriminator	4.7 mV	Analog HV	2308 V	Pulse HV	1366 V
---------------	--------	-----------	--------	----------	--------

[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		14357	143572.22			0.333	
89		19647	196473.70			0.346	
205		24944	249440.92			0.343	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	14396	14411	14307	14311	14361
89	19732	19675	19623	19549	19657
205	25087	24922	24893	24951	24868

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	---	Nebulizer Gas	0.82 L/min	Dilution Gas	0.40 L/min
RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.80 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	9.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	0.0 V	Omega Lens	9.0 V	Deflect	2.6 V
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US EPA Tune Check Report

Extract 2	-125.0 V	Cell Entrance	-40 V	Plate Bias	-60 V
Omega Bias	-75 V	Cell Exit	-60 V		

Cell Parameters

Use Gas	Yes	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	3.9 mL/min	OctP Bias	-18.0 V		
H2 Flow	---	OctP RF	200 V		

QP Parameters

Mass Gain	132	Axis Gain	0.9970	QP Bias	-13.0 V
Mass Offset	130	Axis Offset	0.12		

Hardware Settings

Torch

Torch H	-0.3 mm	Torch V	0.2 mm
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EM

Discriminator	4.7 mV	Analog HV	2308 V	Pulse HV	1366 V
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LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 13:08:02	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.09	0.24	-0.15	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	-0.01	0.01	0.01	0.00	N/A	ppb
Barium	135-1	0.00	0.00	0.00	0.00	N/A	ppb
Barium	137-1	0.01	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.03	-0.02	-0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.12	-0.10	-0.02	0.00	N/A	ppb
Cadmium	106-1	0.23	0.62	-0.85	0.00	N/A	ppb
Cadmium	111-1	0.00	0.01	-0.01	0.00	N/A	ppb
Calcium	43-1	2.12	-1.51	-0.61	0.00	N/A	ppb
Calcium	44-1	1.95	-2.42	0.47	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.01	-0.02	0.00	N/A	ppb
Cobalt	59-2	-0.01	0.00	0.01	0.00	N/A	ppb
Copper	63-2	-0.02	0.03	-0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	-0.16	0.15	0.00	0.00	N/A	ppb
Iron	57-2	1.16	-1.59	0.44	0.00	N/A	ppb
Iron	54-2	-0.18	-0.19	0.36	0.00	N/A	ppb
Krypton	83-1						cps

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 13:08:02	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	207-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.32	-0.72	0.40	0.00	N/A	ppb
Manganese	55-2	0.07	0.01	-0.08	0.00	N/A	ppb
Molybdenum	94-1	-0.02	0.01	0.00	0.00	N/A	ppb
Molybdenum	95-1	-0.01	0.01	0.01	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.01	-0.01	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.09	0.06	0.03	0.00	N/A	ppb
Phosphorus	31-2	-15.17	-21.48	-11.87	-16.17		ppb
Potassium	39-2	-1.52	2.23	-0.71	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	-0.17	0.27	-0.10	0.00	N/A	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.25	0.19	0.06	0.00	N/A	ppb
Silicon	28-1	1.45	-0.78	-0.67	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	-1.05	0.71	0.33	0.00	N/A	ppb
Strontium	86-1	0.02	0.00	-0.02	0.00	N/A	ppb
Strontium	88-1	0.00	0.01	-0.01	0.00	N/A	ppb
Sulfur	34-1	220.03	-198.67	-20.50	0.28	73802.46	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	-0.05	0.13	-0.08	0.00	N/A	ppb
Titanium	47-1	0.03	0.00	-0.03	0.00	N/A	ppb

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 13:08:02	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	-0.01	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.08	0.12	-0.04	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	0.00	0.01	0.00	0.00	N/A	ppb

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 13:11:20	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.74	19.64	19.68	19.69	0.24	ppb
Antimony	121-1	1.92	1.91	2.00	1.94	2.62	ppb
Arsenic	75-2	0.98	0.96	1.13	1.02	9.15	ppb
Barium	135-1	9.42	9.65	9.83	9.63	2.13	ppb
Barium	137-1	9.27	9.34	9.43	9.34	0.86	ppb
Beryllium	9-1	1.09	1.12	1.10	1.10	1.19	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.86	0.99	0.93	0.93	7.28	ppb
Cadmium	106-1	2.75	2.60	1.72	2.36	23.47	ppb
Cadmium	111-1	1.13	1.00	1.12	1.08	6.52	ppb
Calcium	43-1	511.69	497.55	497.19	502.14	1.65	ppb
Calcium	44-1	496.15	496.13	503.40	498.56	0.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.97	2.07	1.89	1.98	4.72	ppb
Cobalt	59-2	1.03	1.04	1.02	1.03	1.31	ppb
Copper	63-2	2.00	1.92	2.02	1.98	2.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	56-2	52.16	51.42	50.92	51.50	1.21	ppb
Iron	57-2	57.82	55.32	51.14	54.76	6.16	ppb
Iron	54-2	53.74	54.75	55.12	54.54	1.31	ppb
Krypton	83-1						cps

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 13:11:20	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.83	0.93	0.87	0.88	5.55	ppb
Lead	207-1	0.88	0.84	0.86	0.86	1.91	ppb
Lead	208-1	0.86	0.88	0.87	0.87	1.07	ppb
Lithium	6-1				100		%
Magnesium	24-2	486.77	489.74	488.38	488.30	0.31	ppb
Manganese	55-2	0.99	1.03	1.05	1.02	3.38	ppb
Molybdenum	94-1	5.81	5.83	5.80	5.82	0.28	ppb
Molybdenum	95-1	4.66	4.66	4.79	4.70	1.66	ppb
Molybdenum	96-1	4.85	4.88	5.00	4.91	1.68	ppb
Molybdenum	97-1	4.84	4.91	4.79	4.84	1.26	ppb
Molybdenum	98-1	4.82	4.85	4.90	4.86	0.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.73	0.91	0.91	0.85	12.23	ppb
Phosphorus	31-2	11.95	16.69	19.88	16.17	24.70	ppb
Potassium	39-2	495.88	495.08	495.02	495.33	0.10	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	82-1	4.80	5.00	5.36	5.05	5.68	ppb
Selenium	77-2	3.17	2.16	4.83	3.39	39.88	ppb
Selenium	78-2	3.32	4.02	3.13	3.49	13.37	ppb
Silicon	28-1	-0.72	-0.82	-0.33	-0.62		ppb
Silver	107-1	0.97	1.05	1.01	1.01	4.07	ppb
Silver	109-1	0.97	1.01	1.00	0.99	2.32	ppb
Sodium	23-2	488.58	486.14	487.66	487.46	0.25	ppb
Strontium	86-1	1.04	0.95	1.00	1.00	4.76	ppb
Strontium	88-1	0.96	1.00	0.98	0.98	1.73	ppb
Sulfur	34-1	-107.19	56.53	49.80	-0.28		ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	0.86	0.84	0.87	0.86	1.88	ppb
Thallium	205-1	0.85	0.87	0.87	0.86	1.48	ppb
Tin	118-1	4.54	4.59	4.63	4.59	0.98	ppb
Titanium	47-1	4.97	4.41	4.99	4.79	6.88	ppb

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 13:11:20	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.80	0.80	0.80	0.80	0.14	ppb
Vanadium	51-2	4.95	4.86	4.80	4.87	1.53	ppb
Yttrium	89-1				101		%
Yttrium	89-2				102		%
Zinc	66-2	4.86	4.81	4.78	4.82	0.93	ppb
Zirconium	90-1	0.92	0.94	0.93	0.93	0.99	ppb
Zirconium	91-1	0.92	0.91	0.95	0.93	1.89	ppb

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 13:14:41	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1035.06	1025.81	1036.03	1032.30	0.55	ppb
Antimony	121-1	50.75	51.08	56.24	52.69	5.84	ppb
Arsenic	75-2	51.59	51.12	53.88	52.20	2.83	ppb
Barium	135-1	250.87	249.59	273.59	258.02	5.23	ppb
Barium	137-1	248.68	248.12	270.29	255.70	4.94	ppb
Beryllium	9-1	54.85	54.36	57.87	55.70	3.41	ppb
Bismuth	209-1				97		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	55.76	55.91	57.36	56.34	1.57	ppb
Cadmium	106-1	55.17	52.97	58.03	55.39	4.58	ppb
Cadmium	111-1	53.98	53.86	59.33	55.72	5.61	ppb
Calcium	43-1	5679.67	5756.15	6389.59	5941.80	6.56	ppb
Calcium	44-1	5520.82	5556.95	6180.91	5752.89	6.45	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	51.86	50.79	51.41	51.35	1.05	ppb
Cobalt	59-2	51.84	50.50	51.20	51.18	1.31	ppb
Copper	63-2	528.39	513.67	525.69	522.58	1.50	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				100		%
Indium	115-1				98		%
Indium	115-2				99		%
Iron	56-2	2598.18	2551.82	2584.67	2578.22	0.92	ppb
Iron	57-2	2715.97	2691.35	2742.82	2716.71	0.95	ppb
Iron	54-2	2736.60	2711.96	2736.42	2728.33	0.52	ppb
Krypton	83-1						cps

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 13:14:41	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	228.21	227.20	248.85	234.75	5.21	ppb
Lead	207-1	227.87	226.33	248.10	234.10	5.19	ppb
Lead	208-1	236.67	236.43	259.46	244.19	5.42	ppb
Lithium	6-1				99		%
Magnesium	24-2	5243.25	5152.83	5238.75	5211.61	0.98	ppb
Manganese	55-2	520.35	507.04	517.96	515.12	1.38	ppb
Molybdenum	94-1	554.43	547.34	609.56	570.45	5.97	ppb
Molybdenum	95-1	552.25	546.03	611.22	569.83	6.31	ppb
Molybdenum	96-1	551.92	543.39	609.35	568.22	6.31	ppb
Molybdenum	97-1	553.00	546.98	611.99	570.66	6.30	ppb
Molybdenum	98-1	547.96	533.12	612.87	564.65	7.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.95	51.47	52.48	52.30	1.45	ppb
Phosphorus	31-2	1038.23	987.51	1006.09	1010.61	2.54	ppb
Potassium	39-2	2652.45	2605.06	2629.24	2628.92	0.90	ppb
Rhodium	103-1				96		%
Rhodium	103-2				98		%
Scandium	45-1				97		%
Scandium	45-2				98		%
Selenium	82-1	51.82	51.06	56.76	53.21	5.82	ppb
Selenium	77-2	40.12	44.61	47.41	44.05	8.35	ppb
Selenium	78-2	50.31	50.86	57.88	53.02	7.96	ppb
Silicon	28-1	71.96	70.33	89.24	77.18	13.58	ppb
Silver	107-1	54.33	54.21	59.72	56.08	5.61	ppb
Silver	109-1	54.24	55.03	60.63	56.63	6.15	ppb
Sodium	23-2	5059.32	4876.32	4916.96	4950.86	1.94	ppb
Strontium	86-1	1244.72	1245.71	1382.10	1290.84	6.12	ppb
Strontium	88-1	1251.80	1239.60	1380.25	1290.55	6.04	ppb
Sulfur	34-1	861.08	870.86	2720.04	1483.99	72.13	ppb
Terbium	159-1				97		%
Terbium	159-2				100		%
Thallium	203-1	46.04	45.30	49.97	47.10	5.34	ppb
Thallium	205-1	44.95	45.13	49.38	46.49	5.40	ppb
Tin	118-1	51.55	51.57	56.74	53.29	5.61	ppb
Titanium	47-1	553.46	558.67	627.91	580.01	7.17	ppb

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 13:14:41	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	43.24	43.00	47.08	44.44	5.15	ppb
Vanadium	51-2	50.77	49.30	50.71	50.26	1.66	ppb
Yttrium	89-1				98		%
Yttrium	89-2				98		%
Zinc	66-2	522.21	509.62	517.52	516.45	1.23	ppb
Zirconium	90-1	50.30	49.63	56.04	51.99	6.78	ppb
Zirconium	91-1	49.69	49.46	55.48	51.55	6.61	ppb

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 13:17:52	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2602.87	2567.72	2570.54	2580.38	0.76	ppb
Antimony	121-1	126.35	125.17	126.25	125.92	0.52	ppb
Arsenic	75-2	130.15	127.67	128.73	128.85	0.96	ppb
Barium	135-1	615.90	610.94	618.61	615.15	0.63	ppb
Barium	137-1	609.31	609.24	613.35	610.63	0.39	ppb
Beryllium	9-1	129.95	128.76	130.22	129.65	0.60	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	137.54	127.16	133.46	132.72	3.94	ppb
Cadmium	106-1	134.72	133.23	133.64	133.86	0.58	ppb
Cadmium	111-1	132.02	130.51	133.12	131.88	1.00	ppb
Calcium	43-1	14338.84	14523.17	14186.79	14349.60	1.17	ppb
Calcium	44-1	13096.76	13164.78	13004.10	13088.55	0.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	129.11	126.40	128.26	127.92	1.08	ppb
Cobalt	59-2	130.65	127.48	129.12	129.08	1.23	ppb
Copper	63-2	1337.04	1302.74	1314.69	1318.16	1.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				99		%
Indium	115-1				98		%
Indium	115-2				96		%
Iron	56-2	6565.43	6347.43	6509.41	6474.09	1.75	ppb
Iron	57-2	6875.22	6807.28	6811.17	6831.22	0.56	ppb
Iron	54-2	6926.77	6810.78	6894.63	6877.40	0.87	ppb
Krypton	83-1						cps

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 13:17:52	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	607.39	616.03	620.51	614.64	1.09	ppb
Lead	207-1	609.74	618.98	624.80	617.84	1.23	ppb
Lead	208-1	607.90	616.34	620.88	615.04	1.07	ppb
Lithium	6-1				103		%
Magnesium	24-2	12884.92	12585.63	12752.06	12740.87	1.18	ppb
Manganese	55-2	1288.73	1244.74	1295.23	1276.24	2.15	ppb
Molybdenum	94-1	1388.29	1380.30	1359.26	1375.95	1.09	ppb
Molybdenum	95-1	1395.12	1368.73	1363.67	1375.84	1.23	ppb
Molybdenum	96-1	1391.37	1376.53	1379.55	1382.48	0.57	ppb
Molybdenum	97-1	1391.64	1370.39	1347.02	1369.68	1.63	ppb
Molybdenum	98-1	1378.55	1371.29	1368.90	1372.91	0.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	131.35	129.23	131.34	130.64	0.93	ppb
Phosphorus	31-2	2588.93	2528.30	2570.15	2562.46	1.21	ppb
Potassium	39-2	6224.22	6107.02	6140.57	6157.27	0.98	ppb
Rhodium	103-1				97		%
Rhodium	103-2				95		%
Scandium	45-1				97		%
Scandium	45-2				94		%
Selenium	82-1	127.18	129.50	127.41	128.03	1.00	ppb
Selenium	77-2	131.20	143.30	119.36	131.28	9.12	ppb
Selenium	78-2	132.12	128.50	124.73	128.45	2.88	ppb
Silicon	28-1	155.76	153.86	148.68	152.77	2.40	ppb
Silver	107-1	132.31	131.98	133.02	132.44	0.40	ppb
Silver	109-1	133.20	132.67	133.67	133.18	0.37	ppb
Sodium	23-2	12504.73	12576.86	12495.92	12525.83	0.35	ppb
Strontium	86-1	3143.67	3109.46	3137.04	3130.06	0.58	ppb
Strontium	88-1	3124.69	3111.65	3061.44	3099.26	1.08	ppb
Sulfur	34-1	2639.38	2486.35	2095.89	2407.20	11.64	ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	112.83	114.69	114.94	114.15	1.01	ppb
Thallium	205-1	121.21	124.25	122.18	122.55	1.27	ppb
Tin	118-1	126.42	126.45	126.33	126.40	0.05	ppb
Titanium	47-1	1395.55	1392.21	1383.98	1390.58	0.43	ppb

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 13:17:52	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	118.51	123.45	121.38	121.11	2.05	ppb
Vanadium	51-2	126.83	124.29	125.62	125.58	1.01	ppb
Yttrium	89-1				98		%
Yttrium	89-2				97		%
Zinc	66-2	1304.61	1278.15	1297.74	1293.50	1.06	ppb
Zirconium	90-1	125.58	126.72	124.83	125.71	0.76	ppb
Zirconium	91-1	125.80	125.22	124.62	125.21	0.47	ppb

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 13:20:55	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5124.75	5171.99	5142.07	5146.27	0.46	ppb
Antimony	121-1	247.70	250.64	246.36	248.23	0.88	ppb
Arsenic	75-2	254.99	251.96	251.39	252.78	0.76	ppb
Barium	135-1	1266.97	1280.83	1244.27	1264.03	1.46	ppb
Barium	137-1	1273.81	1275.66	1254.32	1267.93	0.93	ppb
Beryllium	9-1	254.47	258.80	257.20	256.83	0.85	ppb
Bismuth	209-1				98		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	256.45	260.41	259.44	258.77	0.80	ppb
Cadmium	106-1	252.15	264.69	252.42	256.42	2.79	ppb
Cadmium	111-1	260.39	261.54	257.54	259.82	0.79	ppb
Calcium	43-1	28542.88	28416.17	28677.45	28545.50	0.46	ppb
Calcium	44-1	26108.18	26179.17	26310.49	26199.28	0.39	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	251.99	255.47	253.59	253.68	0.69	ppb
Cobalt	59-2	253.20	254.35	255.67	254.41	0.49	ppb
Copper	63-2	2580.82	2596.32	2586.76	2587.97	0.30	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				99		%
Holmium	165-2				97		%
Indium	115-1				95		%
Indium	115-2				93		%
Iron	56-2	12781.80	12997.69	12974.52	12918.00	0.92	ppb
Iron	57-2	13393.84	13562.15	13523.29	13493.09	0.65	ppb
Iron	54-2	13505.97	13657.82	13628.76	13597.52	0.59	ppb
Krypton	83-1						cps

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 13:20:55	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1230.09	1265.94	1243.90	1246.64	1.45	ppb
Lead	207-1	1222.82	1254.62	1264.74	1247.39	1.75	ppb
Lead	208-1	1224.98	1249.57	1258.61	1244.39	1.40	ppb
Lithium	6-1				100		%
Magnesium	24-2	25182.55	25188.72	25152.38	25174.55	0.08	ppb
Manganese	55-2	2506.41	2525.35	2507.15	2512.97	0.43	ppb
Molybdenum	94-1	2732.02	2758.11	2765.96	2752.03	0.65	ppb
Molybdenum	95-1	2700.52	2744.47	2753.67	2732.89	1.04	ppb
Molybdenum	96-1	2704.72	2731.32	2793.52	2743.19	1.66	ppb
Molybdenum	97-1	2733.61	2755.98	2794.30	2761.30	1.11	ppb
Molybdenum	98-1	2712.88	2756.28	2742.88	2737.35	0.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	258.63	261.34	258.89	259.62	0.58	ppb
Phosphorus	31-2	5014.66	5136.01	4919.80	5023.49	2.16	ppb
Potassium	39-2	12328.60	12465.60	12262.03	12352.08	0.84	ppb
Rhodium	103-1				93		%
Rhodium	103-2				92		%
Scandium	45-1				93		%
Scandium	45-2				91		%
Selenium	82-1	252.80	254.19	259.22	255.41	1.32	ppb
Selenium	77-2	242.70	234.46	251.16	242.77	3.44	ppb
Selenium	78-2	250.50	266.01	259.25	258.59	3.01	ppb
Silicon	28-1	276.87	280.48	277.60	278.32	0.69	ppb
Silver	107-1	259.61	260.54	253.73	257.96	1.43	ppb
Silver	109-1	260.29	260.46	257.27	259.34	0.69	ppb
Sodium	23-2	25029.36	24988.13	24719.50	24912.33	0.68	ppb
Strontium	86-1	6228.36	6367.45	6293.81	6296.54	1.11	ppb
Strontium	88-1	6200.41	6327.34	6323.09	6283.62	1.15	ppb
Sulfur	34-1	5046.25	4699.02	4821.92	4855.73	3.63	ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	227.38	230.83	231.54	229.92	0.97	ppb
Thallium	205-1	245.30	250.10	247.27	247.56	0.97	ppb
Tin	118-1	250.12	250.20	246.30	248.87	0.90	ppb
Titanium	47-1	2770.19	2766.24	2787.98	2774.80	0.42	ppb

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 13:20:55	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	241.57	246.43	244.22	244.08	1.00	ppb
Vanadium	51-2	249.30	252.49	251.82	251.20	0.67	ppb
Yttrium	89-1				95		%
Yttrium	89-2				95		%
Zinc	66-2	2537.53	2575.44	2573.06	2562.01	0.83	ppb
Zirconium	90-1	246.97	248.77	254.38	250.04	1.54	ppb
Zirconium	91-1	246.21	250.86	253.97	250.34	1.56	ppb

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 13:23:52	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10133.07	10270.44	10151.11	10184.88	0.73	ppb
Antimony	121-1	508.10	500.56	512.35	507.00	1.18	ppb
Arsenic	75-2	501.18	510.34	497.10	502.87	1.35	ppb
Barium	135-1	2539.21	2498.28	2549.40	2528.96	1.07	ppb
Barium	137-1	2536.76	2464.58	2530.76	2510.70	1.60	ppb
Beryllium	9-1	500.92	502.07	504.96	502.65	0.41	ppb
Bismuth	209-1				98		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	512.73	505.10	506.61	508.15	0.80	ppb
Cadmium	106-1	505.63	500.55	502.15	502.78	0.52	ppb
Cadmium	111-1	509.27	506.98	513.14	509.80	0.61	ppb
Calcium	43-1	56168.22	56257.97	57520.92	56649.04	1.34	ppb
Calcium	44-1	50553.22	51599.40	52028.89	51393.84	1.48	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	503.36	510.68	502.80	505.61	0.87	ppb
Cobalt	59-2	500.76	511.11	504.04	505.30	1.05	ppb
Copper	63-2	5044.88	5106.89	5058.18	5069.98	0.64	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				99		%
Holmium	165-2				98		%
Indium	115-1				94		%
Indium	115-2				91		%
Iron	56-2	25284.23	26047.55	25190.81	25507.53	1.84	ppb
Iron	57-2	26780.93	27154.69	26877.67	26937.76	0.72	ppb
Iron	54-2	26016.45	26623.10	26280.86	26306.81	1.16	ppb
Krypton	83-1						cps

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 13:23:52	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2499.50	2476.43	2467.24	2481.05	0.67	ppb
Lead	207-1	2461.16	2502.63	2466.43	2476.74	0.91	ppb
Lead	208-1	2469.28	2491.45	2473.90	2478.21	0.47	ppb
Lithium	6-1				98		%
Magnesium	24-2	49703.68	50783.80	49567.93	50018.47	1.33	ppb
Manganese	55-2	4959.66	5049.72	4968.07	4992.48	1.00	ppb
Molybdenum	94-1	5416.96	5434.94	5495.61	5449.17	0.76	ppb
Molybdenum	95-1	5492.72	5450.21	5548.71	5497.21	0.90	ppb
Molybdenum	96-1	5426.52	5497.40	5478.66	5467.52	0.67	ppb
Molybdenum	97-1	5378.36	5497.88	5457.57	5444.60	1.12	ppb
Molybdenum	98-1	5466.30	5481.94	5463.69	5470.64	0.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	503.86	512.75	507.34	507.98	0.88	ppb
Phosphorus	31-2	10079.95	10183.73	9978.56	10080.75	1.02	ppb
Potassium	39-2	24204.21	24635.54	24237.55	24359.10	0.99	ppb
Rhodium	103-1				90		%
Rhodium	103-2				90		%
Scandium	45-1				92		%
Scandium	45-2				89		%
Selenium	82-1	500.28	499.58	506.62	502.16	0.77	ppb
Selenium	77-2	503.27	509.86	494.59	502.57	1.52	ppb
Selenium	78-2	518.29	487.17	508.84	504.77	3.16	ppb
Silicon	28-1	511.60	510.56	531.69	517.95	2.30	ppb
Silver	107-1	509.58	511.99	508.67	510.08	0.34	ppb
Silver	109-1	511.91	504.60	514.59	510.37	1.01	ppb
Sodium	23-2	49749.25	50012.11	49626.46	49795.94	0.40	ppb
Strontium	86-1	12551.13	12526.91	12610.09	12562.71	0.34	ppb
Strontium	88-1	12418.13	12291.74	12420.10	12376.66	0.59	ppb
Sulfur	34-1	9690.49	9230.85	9833.62	9584.99	3.29	ppb
Terbium	159-1				98		%
Terbium	159-2				97		%
Thallium	203-1	505.01	495.51	498.49	499.67	0.97	ppb
Thallium	205-1	497.44	492.83	497.18	495.82	0.52	ppb
Tin	118-1	500.16	498.07	514.22	504.15	1.74	ppb
Titanium	47-1	5321.73	5433.83	5554.22	5436.59	2.14	ppb

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 13:23:52	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	491.89	490.58	489.87	490.78	0.21	ppb
Vanadium	51-2	498.08	508.20	501.68	502.65	1.02	ppb
Yttrium	89-1				95		%
Yttrium	89-2				94		%
Zinc	66-2	5034.85	5128.02	5050.61	5071.16	0.98	ppb
Zirconium	90-1	494.32	501.65	501.66	499.21	0.85	ppb
Zirconium	91-1	498.82	498.85	502.88	500.19	0.47	ppb

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 13:26:46	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19568.36	19547.60	19711.00	19608.99	0.45	ppb
Antimony	121-1	995.61	1011.58	982.88	996.69	1.44	ppb
Arsenic	75-2	992.78	990.31	1008.75	997.28	1.00	ppb
Barium	135-1	5017.72	5008.42	4922.39	4982.84	1.05	ppb
Barium	137-1	4991.62	5015.43	4967.99	4991.68	0.48	ppb
Beryllium	9-1	994.46	997.82	996.03	996.10	0.17	ppb
Bismuth	209-1				95		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	995.29	999.98	982.09	992.45	0.93	ppb
Cadmium	106-1	994.65	1000.54	991.70	995.63	0.45	ppb
Cadmium	111-1	998.43	993.47	982.59	991.50	0.82	ppb
Calcium	43-1	109790.92	107857.63	112038.82	109895.79	1.90	ppb
Calcium	44-1	105311.02	103715.45	103997.21	104341.23	0.82	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	987.80	1008.54	991.17	995.84	1.12	ppb
Cobalt	59-2	994.60	1001.82	990.61	995.68	0.57	ppb
Copper	63-2	9877.53	9926.14	9996.44	9933.37	0.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				96		%
Indium	115-1				91		%
Indium	115-2				89		%
Iron	56-2	50388.39	51064.21	50877.74	50776.78	0.69	ppb
Iron	57-2	50980.29	51616.46	51146.19	51247.65	0.64	ppb
Iron	54-2	51159.15	51523.60	52186.89	51623.21	1.01	ppb
Krypton	83-1						cps

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 13:26:46	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	5022.20	5026.04	4988.87	5012.37	0.41	ppb
Lead	207-1	5017.58	5014.13	5010.20	5013.97	0.07	ppb
Lead	208-1	5008.61	5026.87	5006.03	5013.84	0.23	ppb
Lithium	6-1				96		%
Magnesium	24-2	98580.05	99626.85	99729.06	99311.99	0.64	ppb
Manganese	55-2	9901.68	10001.23	10086.54	9996.48	0.93	ppb
Molybdenum	94-1	10991.18	11089.46	10990.66	11023.77	0.52	ppb
Molybdenum	95-1	11057.80	11029.60	10926.32	11004.57	0.63	ppb
Molybdenum	96-1	11073.68	11090.30	10884.30	11016.10	1.04	ppb
Molybdenum	97-1	11055.90	11155.30	10862.32	11024.51	1.35	ppb
Molybdenum	98-1	11054.96	11145.06	10852.09	11017.37	1.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	985.85	991.13	1001.37	992.78	0.80	ppb
Phosphorus	31-2	19985.58	19860.53	19990.14	19945.41	0.37	ppb
Potassium	39-2	48886.50	49317.58	49560.98	49255.02	0.69	ppb
Rhodium	103-1				88		%
Rhodium	103-2				88		%
Scandium	45-1				90		%
Scandium	45-2				89		%
Selenium	82-1	992.42	1009.64	989.02	997.03	1.11	ppb
Selenium	77-2	1008.12	1019.59	972.41	1000.04	2.46	ppb
Selenium	78-2	969.44	993.42	1021.82	994.90	2.64	ppb
Silicon	28-1	995.04	972.95	969.68	979.22	1.41	ppb
Silver	107-1	998.54	991.49	985.18	991.74	0.67	ppb
Silver	109-1	1002.05	993.41	977.92	991.13	1.23	ppb
Sodium	23-2	97698.44	100223.62	98754.82	98892.29	1.28	ppb
Strontium	86-1	24930.14	25179.14	24753.73	24954.34	0.86	ppb
Strontium	88-1	25058.32	25188.99	24916.06	25054.46	0.54	ppb
Sulfur	34-1	20478.00	20048.68	20166.25	20230.98	1.10	ppb
Terbium	159-1				99		%
Terbium	159-2				96		%
Thallium	203-1	1018.96	1005.28	995.83	1006.69	1.16	ppb
Thallium	205-1	1006.07	1008.36	995.12	1003.18	0.71	ppb
Tin	118-1	1009.92	1003.99	979.70	997.87	1.60	ppb
Titanium	47-1	11065.23	10973.74	11027.19	11022.05	0.42	ppb

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 13:26:46	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1013.75	1008.91	997.90	1006.86	0.81	ppb
Vanadium	51-2	993.91	1000.24	1000.71	998.29	0.38	ppb
Yttrium	89-1				94		%
Yttrium	89-2				94		%
Zinc	66-2	9860.25	9901.09	10066.63	9942.66	1.10	ppb
Zirconium	90-1	997.85	1012.20	990.55	1000.20	1.10	ppb
Zirconium	91-1	1011.83	1002.98	984.34	999.72	1.40	ppb

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 13:29:31	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100152.48	99373.07	100624.66	100050.07	0.63	ppb
Antimony	121-1	0.84	0.81	0.88	0.84	4.00	ppb
Arsenic	75-2	0.95	0.78	0.82	0.85	10.77	ppb
Barium	135-1	2.69	2.49	2.30	2.49	7.85	ppb
Barium	137-1	2.64	2.35	2.34	2.44	7.02	ppb
Beryllium	9-1	1.30	1.19	1.10	1.20	8.44	ppb
Bismuth	209-1				83		%
Bismuth	209-2				82		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.90	1.46	1.37	1.58	18.09	ppb
Cadmium	106-1	1.18	0.08	-0.28	0.32	234.32	ppb
Cadmium	111-1	0.41	0.38	0.32	0.37	13.21	ppb
Calcium	43-1	505967.81	496625.33	488775.87	497123.00	1.73	ppb
Calcium	44-1	505646.94	496721.00	494362.56	498910.17	1.19	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	14.63	14.70	14.82	14.72	0.66	ppb
Cobalt	59-2	3.10	3.06	3.16	3.10	1.67	ppb
Copper	63-2	5.49	5.31	5.23	5.34	2.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				93		%
Indium	115-1				88		%
Indium	115-2				87		%
Iron	56-2	251978.99	245398.36	251922.48	249766.61	1.51	ppb
Iron	57-2	251058.85	245074.09	252338.08	249490.34	1.55	ppb
Iron	54-2	252412.96	243887.28	252115.26	249471.83	1.94	ppb
Krypton	83-1						cps

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 13:29:31	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2.40	2.32	2.12	2.28	6.42	ppb
Lead	207-1	2.52	2.33	2.16	2.34	7.84	ppb
Lead	208-1	2.48	2.31	2.14	2.31	7.29	ppb
Lithium	6-1				94		%
Magnesium	24-2	499380.88	497033.08	503942.74	500118.90	0.70	ppb
Manganese	55-2	7.35	7.15	7.38	7.30	1.74	ppb
Molybdenum	94-1	7.49	7.18	6.63	7.10	6.15	ppb
Molybdenum	95-1	7.60	7.47	6.77	7.28	6.12	ppb
Molybdenum	96-1	8.32	7.96	7.25	7.84	6.95	ppb
Molybdenum	97-1	7.29	7.26	6.72	7.09	4.54	ppb
Molybdenum	98-1	7.39	7.12	6.55	7.02	6.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	12.67	12.09	12.49	12.42	2.40	ppb
Phosphorus	31-2	14.37	20.05	13.29	15.90	22.83	ppb
Potassium	39-2	249330.58	249249.31	252084.67	250221.52	0.65	ppb
Rhodium	103-1				81		%
Rhodium	103-2				79		%
Scandium	45-1				90		%
Scandium	45-2				89		%
Selenium	82-1	0.63	2.08	0.80	1.17	67.75	ppb
Selenium	77-2	0.60	1.20	1.80	1.20	50.08	ppb
Selenium	78-2	0.35	-0.41	0.35	0.10	454.33	ppb
Silicon	28-1	52.24	79.20	78.45	69.96	21.95	ppb
Silver	107-1	0.32	0.29	0.28	0.30	8.23	ppb
Silver	109-1	0.33	0.28	0.28	0.30	9.04	ppb
Sodium	23-2	498739.37	496282.23	505716.97	500246.19	0.98	ppb
Strontium	86-1	8.36	8.01	6.89	7.75	9.91	ppb
Strontium	88-1	8.45	7.83	7.05	7.78	9.00	ppb
Sulfur	34-1	357.56	316.04	194.75	289.45	29.23	ppb
Terbium	159-1				93		%
Terbium	159-2				92		%
Thallium	203-1	0.31	0.27	0.21	0.27	18.34	ppb
Thallium	205-1	0.30	0.25	0.23	0.26	14.67	ppb
Tin	118-1	0.84	0.82	0.81	0.82	1.75	ppb
Titanium	47-1	3.71	3.37	3.03	3.37	10.00	ppb

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 13:29:31	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.21	0.18	0.16	0.18	14.68	ppb
Vanadium	51-2	0.56	0.46	0.58	0.53	12.37	ppb
Yttrium	89-1				91		%
Yttrium	89-2				92		%
Zinc	66-2	6.45	6.53	7.11	6.70	5.44	ppb
Zirconium	90-1	0.66	0.66	0.59	0.64	6.39	ppb
Zirconium	91-1	0.69	0.62	0.62	0.64	6.38	ppb

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 13:46:28	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	523.24	529.64	525.37	526.08	0.62	ppb
Antimony	121-1	200.63	199.11	198.14	199.29	0.63	ppb
Arsenic	75-2	208.97	207.95	204.62	207.18	1.10	ppb
Barium	135-1	99.32	98.76	98.31	98.80	0.51	ppb
Barium	137-1	98.84	97.96	97.13	97.98	0.87	ppb
Beryllium	9-1	103.57	102.87	103.12	103.19	0.35	ppb
Bismuth	209-1				98		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	207.92	201.88	205.48	205.09	1.48	ppb
Cadmium	106-1	225.00	230.82	220.17	225.33	2.37	ppb
Cadmium	111-1	107.91	105.77	107.06	106.91	1.01	ppb
Calcium	43-1	2237.15	2269.30	2244.82	2250.42	0.75	ppb
Calcium	44-1	2171.20	2163.46	2161.76	2165.48	0.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	103.63	105.21	103.44	104.09	0.93	ppb
Cobalt	59-2	105.44	106.85	105.74	106.01	0.70	ppb
Copper	63-2	104.63	106.73	105.61	105.66	0.99	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				95		%
Indium	115-1				93		%
Indium	115-2				91		%
Iron	56-2	2025.14	2079.38	2052.86	2052.46	1.32	ppb
Iron	57-2	2144.91	2155.99	2145.60	2148.83	0.29	ppb
Iron	54-2	2197.07	2230.41	2210.37	2212.61	0.76	ppb
Krypton	83-1						cps

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 13:46:28	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	190.27	189.61	190.28	190.05	0.20	ppb
Lead	207-1	182.96	182.18	182.47	182.54	0.22	ppb
Lead	208-1	195.47	195.41	195.60	195.49	0.05	ppb
Lithium	6-1				97		%
Magnesium	24-2	1158.81	1189.35	1163.80	1170.66	1.40	ppb
Manganese	55-2	103.87	104.87	103.18	103.97	0.82	ppb
Molybdenum	94-1	5059.15	5150.90	5090.65	5100.23	0.91	ppb
Molybdenum	95-1	5001.46	4939.86	4997.50	4979.61	0.69	ppb
Molybdenum	96-1	4986.55	4952.55	4980.20	4973.10	0.36	ppb
Molybdenum	97-1	4972.80	4988.61	4954.93	4972.11	0.34	ppb
Molybdenum	98-1	4933.08	4937.23	4961.94	4944.08	0.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	106.69	109.35	109.24	108.43	1.39	ppb
Phosphorus	31-2	6.57	-14.65	7.18	-0.30		ppb
Potassium	39-2	2042.78	2061.39	2048.96	2051.04	0.46	ppb
Rhodium	103-1				92		%
Rhodium	103-2				91		%
Scandium	45-1				91		%
Scandium	45-2				89		%
Selenium	82-1	211.81	207.99	214.46	211.42	1.54	ppb
Selenium	77-2	193.70	194.07	196.58	194.78	0.80	ppb
Selenium	78-2	202.38	211.63	216.10	210.04	3.33	ppb
Silicon	28-1	216.31	216.80	221.12	218.07	1.21	ppb
Silver	107-1	52.97	52.57	52.51	52.68	0.48	ppb
Silver	109-1	52.30	52.43	51.44	52.06	1.03	ppb
Sodium	23-2	2090.53	2106.01	2113.50	2103.35	0.56	ppb
Strontium	86-1	532.15	535.22	534.84	534.07	0.31	ppb
Strontium	88-1	532.99	540.11	535.34	536.15	0.68	ppb
Sulfur	34-1	833.62	311.31	264.32	469.75	67.27	ppb
Terbium	159-1				97		%
Terbium	159-2				96		%
Thallium	203-1	190.17	189.27	189.71	189.72	0.24	ppb
Thallium	205-1	208.53	205.85	205.08	206.49	0.88	ppb
Tin	118-1	540.16	533.69	531.54	535.13	0.84	ppb
Titanium	47-1	5038.95	4973.62	5004.12	5005.56	0.65	ppb

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 13:46:28	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	531.18	532.80	534.40	532.79	0.30	ppb
Vanadium	51-2	99.47	100.08	100.90	100.15	0.72	ppb
Yttrium	89-1				93		%
Yttrium	89-2				93		%
Zinc	66-2	202.76	206.17	206.53	205.15	1.01	ppb
Zirconium	90-1	520.90	512.24	521.15	518.10	0.98	ppb
Zirconium	91-1	514.29	517.82	517.92	516.68	0.40	ppb

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 14:07:08	DataFile Name :	015LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.50	20.07	19.84	19.80	1.44	ppb
Antimony	121-1	1.96	1.90	1.90	1.92	1.94	ppb
Arsenic	75-2	0.98	0.93	1.01	0.97	3.90	ppb
Barium	135-1	9.17	9.19	9.45	9.27	1.69	ppb
Barium	137-1	9.20	9.20	9.24	9.21	0.23	ppb
Beryllium	9-1	1.16	1.15	1.11	1.14	2.44	ppb
Bismuth	209-1				100		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.17	0.83	0.91	0.97	17.97	ppb
Cadmium	106-1	-0.88	-0.06	-0.63	-0.52		ppb
Cadmium	111-1	0.98	1.14	0.96	1.02	9.69	ppb
Calcium	43-1	486.72	495.46	523.23	501.80	3.80	ppb
Calcium	44-1	484.41	498.93	500.46	494.60	1.79	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.99	2.17	2.06	2.07	4.53	ppb
Cobalt	59-2	1.00	0.99	1.07	1.02	4.41	ppb
Copper	63-2	1.94	2.13	2.01	2.03	4.73	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				97		%
Indium	115-1				97		%
Indium	115-2				94		%
Iron	56-2	54.01	54.07	53.25	53.78	0.85	ppb
Iron	57-2	53.88	53.26	54.10	53.75	0.81	ppb
Iron	54-2	53.70	56.83	56.43	55.65	3.06	ppb
Krypton	83-1						cps

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 14:07:08	DataFile Name :	015LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.89	0.82	0.85	0.85	3.60	ppb
Lead	207-1	0.86	0.90	0.84	0.87	3.18	ppb
Lead	208-1	0.89	0.86	0.88	0.87	1.48	ppb
Lithium	6-1				99		%
Magnesium	24-2	492.82	484.99	489.04	488.95	0.80	ppb
Manganese	55-2	1.14	1.03	1.07	1.08	5.10	ppb
Molybdenum	94-1	5.84	5.68	5.81	5.78	1.49	ppb
Molybdenum	95-1	5.09	4.93	5.00	5.01	1.60	ppb
Molybdenum	96-1	4.98	4.94	4.87	4.93	1.12	ppb
Molybdenum	97-1	5.02	4.80	5.01	4.94	2.45	ppb
Molybdenum	98-1	4.91	4.82	4.89	4.87	0.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.15	0.85	1.09	1.03	15.84	ppb
Phosphorus	31-2	15.96	40.67	25.67	27.43	45.39	ppb
Potassium	39-2	500.66	503.70	503.34	502.57	0.33	ppb
Rhodium	103-1				95		%
Rhodium	103-2				94		%
Scandium	45-1				93		%
Scandium	45-2				92		%
Selenium	82-1	5.28	5.34	4.17	4.93	13.33	ppb
Selenium	77-2	4.55	6.30	6.88	5.91	20.54	ppb
Selenium	78-2	4.15	4.04	7.26	5.15	35.56	ppb
Silicon	28-1	-0.25	0.27	0.65	0.22	201.24	ppb
Silver	107-1	0.99	1.01	1.01	1.00	0.82	ppb
Silver	109-1	0.95	0.98	1.00	0.98	2.46	ppb
Sodium	23-2	520.42	526.82	530.40	525.88	0.96	ppb
Strontium	86-1	0.97	0.95	0.94	0.95	1.38	ppb
Strontium	88-1	1.01	1.03	1.00	1.01	1.47	ppb
Sulfur	34-1	178.08	235.51	302.32	238.64	26.06	ppb
Terbium	159-1				98		%
Terbium	159-2				98		%
Thallium	203-1	0.85	0.89	0.89	0.88	2.76	ppb
Thallium	205-1	0.84	0.85	0.90	0.86	3.60	ppb
Tin	118-1	4.53	4.45	4.51	4.50	0.92	ppb
Titanium	47-1	4.70	4.86	4.89	4.82	2.14	ppb

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 14:07:08	DataFile Name :	015LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.79	0.82	0.81	0.81	1.90	ppb
Vanadium	51-2	4.87	4.95	4.88	4.90	0.91	ppb
Yttrium	89-1				95		%
Yttrium	89-2				96		%
Zinc	66-2	4.76	5.63	5.49	5.29	8.83	ppb
Zirconium	90-1	0.94	0.98	0.98	0.97	2.50	ppb
Zirconium	91-1	0.89	0.91	0.96	0.92	3.79	ppb

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 14:10:30	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.13	-0.51	0.06	-0.19		ppb
Antimony	121-1	0.02	0.02	0.02	0.02	19.97	ppb
Arsenic	75-2	0.03	0.01	0.03	0.02	56.91	ppb
Barium	135-1	0.01	0.01	0.02	0.02	24.84	ppb
Barium	137-1	0.03	0.01	0.01	0.02	58.67	ppb
Beryllium	9-1	0.12	0.14	0.17	0.14	17.87	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.17	-0.10	0.02	0.03	475.22	ppb
Cadmium	106-1	-2.70	-1.59	1.67	-0.87		ppb
Cadmium	111-1	-0.04	0.00	0.03	0.00		ppb
Calcium	43-1	-1.47	-2.83	-0.45	-1.58		ppb
Calcium	44-1	-9.63	-7.60	-8.86	-8.70		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	-0.03	0.02	0.00	604.55	ppb
Cobalt	59-2	0.00	0.02	0.00	0.01	126.15	ppb
Copper	63-2	0.02	0.02	-0.01	0.01	207.75	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				96		%
Indium	115-2				95		%
Iron	56-2	1.08	0.87	0.96	0.97	11.21	ppb
Iron	57-2	1.46	1.94	0.20	1.20	75.14	ppb
Iron	54-2	1.05	0.54	1.90	1.16	59.32	ppb
Krypton	83-1						cps

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 14:10:30	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.02	0.03	0.02	0.02	29.19	ppb
Lead	207-1	0.01	0.04	0.02	0.02	51.96	ppb
Lead	208-1	0.02	0.02	0.03	0.02	3.56	ppb
Lithium	6-1				99		%
Magnesium	24-2	-2.04	-1.94	-2.29	-2.09		ppb
Manganese	55-2	0.10	0.02	0.11	0.07	66.33	ppb
Molybdenum	94-1	0.14	0.10	0.10	0.11	21.51	ppb
Molybdenum	95-1	0.16	0.14	0.15	0.15	5.74	ppb
Molybdenum	96-1	0.09	0.09	0.09	0.09	2.40	ppb
Molybdenum	97-1	0.16	0.10	0.13	0.13	20.11	ppb
Molybdenum	98-1	0.12	0.09	0.09	0.10	15.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.07	-0.10	-0.10	-0.04		ppb
Phosphorus	31-2	2.67	-4.85	-1.47	-1.22		ppb
Potassium	39-2	6.95	3.73	9.10	6.60	40.98	ppb
Rhodium	103-1				95		%
Rhodium	103-2				95		%
Scandium	45-1				93		%
Scandium	45-2				92		%
Selenium	82-1	0.40	0.03	0.51	0.31	81.55	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.72	-0.82	0.47	0.12	666.59	ppb
Silicon	28-1	-1.87	-2.01	-1.82	-1.90		ppb
Silver	107-1	0.02	0.01	0.01	0.01	12.05	ppb
Silver	109-1	0.01	0.02	0.01	0.01	9.53	ppb
Sodium	23-2	28.54	28.37	29.14	28.68	1.41	ppb
Strontium	86-1	0.01	0.03	-0.01	0.01	222.02	ppb
Strontium	88-1	0.03	0.03	0.02	0.03	6.74	ppb
Sulfur	34-1	176.33	144.56	170.39	163.76	10.32	ppb
Terbium	159-1				98		%
Terbium	159-2				97		%
Thallium	203-1	0.01	0.00	0.01	0.01	56.80	ppb
Thallium	205-1	0.00	0.01	0.01	0.01	41.26	ppb
Tin	118-1	-0.07	-0.09	-0.08	-0.08		ppb
Titanium	47-1	-0.02	-0.03	-0.02	-0.03		ppb

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 14:10:30	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	42.22	ppb
Vanadium	51-2	0.02	0.00	0.00	0.00	299.73	ppb
Yttrium	89-1				95		%
Yttrium	89-2				96		%
Zinc	66-2	-0.11	0.14	0.22	0.09	198.67	ppb
Zirconium	90-1	0.01	0.00	0.00	0.01	77.90	ppb
Zirconium	91-1	0.01	-0.01	0.01	0.00	350.09	ppb

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 14:13:50	DataFile Name :	017ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	94082.02	94452.33	95039.43	94524.59	0.51	ppb
Antimony	121-1	1.08	1.08	1.13	1.10	2.32	ppb
Arsenic	75-2	0.46	0.30	0.46	0.40	22.36	ppb
Barium	135-1	1.43	1.35	1.41	1.40	2.71	ppb
Barium	137-1	1.36	1.34	1.27	1.32	3.84	ppb
Beryllium	9-1	0.38	0.44	0.36	0.39	9.66	ppb
Bismuth	209-1				93		%
Bismuth	209-2				90		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	17.70	17.30	15.62	16.87	6.53	ppb
Cadmium	106-1	-4.07	-3.18	-2.76	-3.33		ppb
Cadmium	111-1	0.46	0.53	0.68	0.56	20.60	ppb
Calcium	43-1	101909.50	101895.16	99562.90	101122.52	1.34	ppb
Calcium	44-1	97615.13	95986.23	94258.12	95953.16	1.75	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.90	20.75	20.06	20.23	2.23	ppb
Cobalt	59-2	1.30	1.20	1.33	1.28	5.35	ppb
Copper	63-2	7.79	8.00	8.07	7.95	1.86	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				99		%
Holmium	165-2				96		%
Indium	115-1				91		%
Indium	115-2				88		%
Iron	56-2	101348.04	100412.62	100657.03	100805.89	0.48	ppb
Iron	57-2	98892.26	98922.60	99969.68	99261.51	0.62	ppb
Iron	54-2	100272.56	100305.40	99922.86	100166.94	0.21	ppb
Krypton	83-1						cps

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 14:13:50	DataFile Name :	017ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4.61	4.42	4.42	4.48	2.39	ppb
Lead	207-1	4.12	4.09	3.85	4.02	3.65	ppb
Lead	208-1	4.31	4.18	4.06	4.19	2.92	ppb
Lithium	6-1				93		%
Magnesium	24-2	89888.45	88746.45	88908.34	89181.08	0.69	ppb
Manganese	55-2	7.98	8.14	8.02	8.04	1.01	ppb
Molybdenum	94-1	1591.94	1616.65	1601.44	1603.34	0.78	ppb
Molybdenum	95-1	1919.51	1918.66	1947.83	1928.67	0.86	ppb
Molybdenum	96-1	1891.70	1905.81	1915.68	1904.40	0.63	ppb
Molybdenum	97-1	1916.19	1953.86	1940.84	1936.96	0.99	ppb
Molybdenum	98-1	1876.51	1928.22	1931.66	1912.13	1.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.50	5.30	4.72	5.18	7.88	ppb
Phosphorus	31-2	96566.33	95706.67	96326.58	96199.86	0.46	ppb
Potassium	39-2	95846.42	94190.21	94243.82	94760.15	0.99	ppb
Rhodium	103-1				86		%
Rhodium	103-2				85		%
Scandium	45-1				88		%
Scandium	45-2				85		%
Selenium	82-1	-0.68	-0.21	0.08	-0.27		ppb
Selenium	77-2	0.00	0.60	0.60	0.40	86.60	ppb
Selenium	78-2	0.77	-1.31	0.95	0.14	925.19	ppb
Silicon	28-1	21.03	21.44	21.66	21.38	1.51	ppb
Silver	107-1	0.06	0.06	0.06	0.06	5.47	ppb
Silver	109-1	0.07	0.07	0.07	0.07	1.87	ppb
Sodium	23-2	96444.12	96907.64	96310.82	96554.19	0.32	ppb
Strontium	86-1	33.97	34.16	34.03	34.05	0.28	ppb
Strontium	88-1	33.71	34.03	34.52	34.09	1.19	ppb
Sulfur	34-1	107669.22	106280.03	104024.65	105991.30	1.74	ppb
Terbium	159-1				99		%
Terbium	159-2				96		%
Thallium	203-1	0.13	0.13	0.14	0.13	3.66	ppb
Thallium	205-1	0.10	0.13	0.15	0.13	17.01	ppb
Tin	118-1	0.18	0.19	0.16	0.18	8.19	ppb
Titanium	47-1	2059.42	2042.20	1999.40	2033.67	1.52	ppb

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 14:13:50	DataFile Name :	017ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.02	0.02	0.02	4.92	ppb
Vanadium	51-2	0.28	0.29	0.32	0.30	7.86	ppb
Yttrium	89-1				93		%
Yttrium	89-2				91		%
Zinc	66-2	12.38	11.21	10.63	11.41	7.84	ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	48.74	ppb
Zirconium	91-1	0.02	0.01	0.02	0.02	27.00	ppb

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 14:16:59	DataFile Name :	018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	88384.68	95892.29	92497.37	92258.11	4.08	ppb
Antimony	121-1	20.09	20.12	20.35	20.19	0.70	ppb
Arsenic	75-2	19.63	20.66	20.54	20.28	2.79	ppb
Barium	135-1	20.10	20.02	20.98	20.36	2.62	ppb
Barium	137-1	19.78	20.15	20.19	20.04	1.15	ppb
Beryllium	9-1	20.17	19.83	20.15	20.05	0.96	ppb
Bismuth	209-1				94		%
Bismuth	209-2				91		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	38.03	36.33	39.68	38.01	4.40	ppb
Cadmium	106-1	24.13	21.61	24.89	23.54	7.30	ppb
Cadmium	111-1	20.11	19.72	20.06	19.96	1.08	ppb
Calcium	43-1	101876.56	102251.33	100866.13	101664.68	0.70	ppb
Calcium	44-1	96325.85	97431.71	95517.07	96424.87	1.00	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	37.86	41.18	39.49	39.51	4.20	ppb
Cobalt	59-2	19.96	21.86	21.22	21.01	4.60	ppb
Copper	63-2	26.11	28.18	27.54	27.27	3.89	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				100		%
Holmium	165-2				97		%
Indium	115-1				91		%
Indium	115-2				88		%
Iron	56-2	94000.93	101635.30	99419.72	98351.99	3.99	ppb
Iron	57-2	94490.36	101325.78	98498.98	98105.04	3.50	ppb
Iron	54-2	92904.98	101926.04	97739.18	97523.40	4.63	ppb
Krypton	83-1						cps

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 14:16:59	DataFile Name :	018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	23.65	23.74	23.98	23.79	0.71	ppb
Lead	207-1	23.11	22.94	23.12	23.06	0.43	ppb
Lead	208-1	23.15	23.06	23.38	23.20	0.72	ppb
Lithium	6-1				90		%
Magnesium	24-2	83924.27	90448.97	87245.83	87206.36	3.74	ppb
Manganese	55-2	26.27	28.71	27.79	27.59	4.48	ppb
Molybdenum	94-1	1694.28	1744.11	1754.15	1730.85	1.85	ppb
Molybdenum	95-1	1952.15	1996.39	2000.15	1982.90	1.35	ppb
Molybdenum	96-1	1909.91	1953.16	1942.25	1935.11	1.16	ppb
Molybdenum	97-1	1932.09	2023.58	1971.42	1975.70	2.32	ppb
Molybdenum	98-1	1929.34	1961.65	1974.42	1955.13	1.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	23.09	26.40	26.15	25.21	7.30	ppb
Phosphorus	31-2	90120.77	97883.59	95255.94	94420.10	4.18	ppb
Potassium	39-2	88388.92	95498.47	94672.40	92853.26	4.19	ppb
Rhodium	103-1				85		%
Rhodium	103-2				87		%
Scandium	45-1				85		%
Scandium	45-2				85		%
Selenium	82-1	19.08	20.04	18.64	19.26	3.72	ppb
Selenium	77-2	16.56	21.90	19.27	19.24	13.87	ppb
Selenium	78-2	14.32	19.69	19.70	17.90	17.32	ppb
Silicon	28-1	43.78	43.79	42.62	43.40	1.54	ppb
Silver	107-1	18.56	18.16	18.93	18.55	2.09	ppb
Silver	109-1	18.70	18.71	18.98	18.80	0.85	ppb
Sodium	23-2	90540.30	98193.77	95117.38	94617.15	4.07	ppb
Strontium	86-1	82.82	85.25	85.25	84.44	1.67	ppb
Strontium	88-1	82.98	84.43	85.32	84.24	1.40	ppb
Sulfur	34-1	104228.05	103668.28	103750.46	103882.26	0.29	ppb
Terbium	159-1				98		%
Terbium	159-2				97		%
Thallium	203-1	19.73	19.77	19.96	19.82	0.62	ppb
Thallium	205-1	19.57	19.49	19.76	19.60	0.71	ppb
Tin	118-1	47.57	47.76	48.01	47.78	0.46	ppb
Titanium	47-1	2093.07	2100.16	2062.27	2085.17	0.97	ppb

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 14:16:59	DataFile Name :	018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	45.13	44.88	45.95	45.32	1.24	ppb
Vanadium	51-2	19.04	20.78	19.54	19.78	4.53	ppb
Yttrium	89-1				92		%
Yttrium	89-2				92		%
Zinc	66-2	29.72	31.40	30.55	30.56	2.75	ppb
Zirconium	90-1	48.95	49.88	49.98	49.61	1.15	ppb
Zirconium	91-1	48.10	49.26	49.77	49.04	1.74	ppb

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P7
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 14:20:06	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49558.66	48472.25	49023.58	49018.16	1.11	ppb
Antimony	121-1	494.25	499.14	486.68	493.36	1.27	ppb
Arsenic	75-2	497.76	494.48	494.84	495.69	0.36	ppb
Barium	135-1	2530.59	2534.73	2504.90	2523.41	0.64	ppb
Barium	137-1	2488.62	2496.44	2485.17	2490.08	0.23	ppb
Beryllium	9-1	500.25	506.84	509.09	505.39	0.91	ppb
Bismuth	209-1				90		%
Bismuth	209-2				86		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	491.63	485.87	499.90	492.47	1.43	ppb
Cadmium	106-1	475.31	488.76	485.96	483.34	1.47	ppb
Cadmium	111-1	480.06	483.78	479.84	481.23	0.46	ppb
Calcium	43-1	248989.98	252399.05	249004.78	250131.27	0.79	ppb
Calcium	44-1	248921.23	248775.14	249202.21	248966.19	0.09	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	515.97	513.56	509.94	513.16	0.59	ppb
Cobalt	59-2	498.05	497.38	493.41	496.28	0.51	ppb
Copper	63-2	5250.32	5210.61	5203.15	5221.36	0.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				94		%
Indium	115-1				90		%
Indium	115-2				85		%
Iron	56-2	126582.43	126758.98	125982.76	126441.39	0.32	ppb
Iron	57-2	125760.47	126223.93	125425.97	125803.46	0.32	ppb
Iron	54-2	125364.22	124954.93	124489.52	124936.22	0.35	ppb
Krypton	83-1						cps

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P7
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 14:20:06	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2568.90	2633.33	2589.88	2597.37	1.27	ppb
Lead	207-1	2593.36	2619.28	2584.63	2599.09	0.69	ppb
Lead	208-1	2567.50	2620.88	2585.43	2591.27	1.05	ppb
Lithium	6-1				89		%
Magnesium	24-2	245477.09	245836.29	243382.12	244898.50	0.54	ppb
Manganese	55-2	5038.30	5026.02	5002.33	5022.21	0.36	ppb
Molybdenum	94-1	5559.18	5634.56	5637.91	5610.55	0.79	ppb
Molybdenum	95-1	5578.85	5579.03	5579.34	5579.07	0.00	ppb
Molybdenum	96-1	5643.42	5628.18	5602.03	5624.54	0.37	ppb
Molybdenum	97-1	5671.49	5613.89	5675.50	5653.63	0.61	ppb
Molybdenum	98-1	5569.09	5580.69	5631.60	5593.79	0.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	497.97	493.14	493.92	495.01	0.52	ppb
Phosphorus	31-2	10142.83	10127.29	10122.44	10130.85	0.11	ppb
Potassium	39-2	123452.66	122993.03	122565.61	123003.77	0.36	ppb
Rhodium	103-1				84		%
Rhodium	103-2				83		%
Scandium	45-1				87		%
Scandium	45-2				85		%
Selenium	82-1	485.57	487.27	490.68	487.84	0.53	ppb
Selenium	77-2	471.47	438.43	490.93	466.94	5.68	ppb
Selenium	78-2	475.65	498.15	503.79	492.53	3.02	ppb
Silicon	28-1	552.85	556.71	568.87	559.47	1.49	ppb
Silver	107-1	490.30	479.69	477.06	482.35	1.45	ppb
Silver	109-1	494.96	497.08	481.99	491.34	1.66	ppb
Sodium	23-2	248178.15	244323.22	245949.66	246150.34	0.79	ppb
Strontium	86-1	12675.63	12700.63	12692.58	12689.61	0.10	ppb
Strontium	88-1	12493.28	12672.08	12726.45	12630.60	0.97	ppb
Sulfur	34-1	10306.15	10147.98	10397.42	10283.85	1.23	ppb
Terbium	159-1				97		%
Terbium	159-2				94		%
Thallium	203-1	525.14	529.11	516.56	523.60	1.23	ppb
Thallium	205-1	515.21	528.09	511.94	518.41	1.65	ppb
Tin	118-1	498.06	499.88	502.66	500.20	0.46	ppb
Titanium	47-1	5567.67	5556.60	5560.49	5561.59	0.10	ppb

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P7
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 14:20:06	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	530.89	539.29	527.70	532.63	1.12	ppb
Vanadium	51-2	517.05	512.60	508.11	512.59	0.87	ppb
Yttrium	89-1				92		%
Yttrium	89-2				90		%
Zinc	66-2	5155.90	5138.10	5113.86	5135.95	0.41	ppb
Zirconium	90-1	508.88	507.18	511.91	509.32	0.47	ppb
Zirconium	91-1	511.56	511.40	511.04	511.34	0.05	ppb

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P7
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 14:29:30	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.92	0.89	0.68	0.83	15.78	ppb
Antimony	121-1	0.06	0.08	0.08	0.07	17.34	ppb
Arsenic	75-2	0.03	0.05	0.03	0.03	34.00	ppb
Barium	135-1	0.03	0.04	0.04	0.04	14.01	ppb
Barium	137-1	0.03	0.03	0.04	0.03	15.58	ppb
Beryllium	9-1	0.35	0.28	0.28	0.30	14.15	ppb
Bismuth	209-1				98		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.17	0.20	0.05	0.14	55.62	ppb
Cadmium	106-1	-3.18	-2.09	-2.11	-2.46		ppb
Cadmium	111-1	-0.04	-0.04	-0.01	-0.03		ppb
Calcium	43-1	0.97	0.60	-3.06	-0.50		ppb
Calcium	44-1	-3.33	-2.36	-5.78	-3.82		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.03	0.01	0.01	0.00		ppb
Cobalt	59-2	0.02	0.03	0.03	0.03	21.10	ppb
Copper	63-2	0.18	0.19	0.16	0.18	7.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				95		%
Indium	115-1				93		%
Indium	115-2				91		%
Iron	56-2	6.70	7.44	7.74	7.29	7.37	ppb
Iron	57-2	5.89	3.83	6.33	5.35	25.01	ppb
Iron	54-2	6.07	7.78	9.18	7.67	20.33	ppb
Krypton	83-1						cps

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P7
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 14:29:30	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.09	0.08	0.09	0.09	9.04	ppb
Lead	207-1	0.09	0.08	0.07	0.08	13.13	ppb
Lead	208-1	0.09	0.08	0.08	0.09	7.17	ppb
Lithium	6-1				91		%
Magnesium	24-2	1.14	1.54	2.30	1.66	35.65	ppb
Manganese	55-2	0.12	0.22	0.25	0.20	33.43	ppb
Molybdenum	94-1	0.17	0.28	0.29	0.25	26.94	ppb
Molybdenum	95-1	0.28	0.31	0.31	0.30	6.85	ppb
Molybdenum	96-1	0.25	0.27	0.29	0.27	7.31	ppb
Molybdenum	97-1	0.26	0.31	0.33	0.30	12.82	ppb
Molybdenum	98-1	0.26	0.25	0.30	0.27	9.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	-0.05	0.00	-0.01		ppb
Phosphorus	31-2	-8.38	-15.64	-5.95	-9.99		ppb
Potassium	39-2	22.41	15.21	20.13	19.25	19.13	ppb
Rhodium	103-1				91		%
Rhodium	103-2				93		%
Scandium	45-1				86		%
Scandium	45-2				87		%
Selenium	82-1	0.32	0.34	-0.02	0.22	94.74	ppb
Selenium	77-2	0.00	0.00	1.18	0.39	173.21	ppb
Selenium	78-2	-0.30	0.11	0.46	0.09	420.01	ppb
Silicon	28-1	5.32	8.10	4.27	5.90	33.56	ppb
Silver	107-1	0.02	0.01	0.01	0.01	51.96	ppb
Silver	109-1	0.02	0.02	0.02	0.02	4.26	ppb
Sodium	23-2	88.78	88.98	88.16	88.64	0.48	ppb
Strontium	86-1	0.02	0.07	0.09	0.06	58.54	ppb
Strontium	88-1	0.07	0.07	0.09	0.08	17.67	ppb
Sulfur	34-1	352.48	919.64	299.30	523.81	65.64	ppb
Terbium	159-1				97		%
Terbium	159-2				95		%
Thallium	203-1	0.05	0.05	0.04	0.05	12.75	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	5.23	ppb
Tin	118-1	-0.06	-0.08	-0.08	-0.08		ppb
Titanium	47-1	0.20	0.21	1.04	0.48	99.70	ppb

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P7
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 14:29:30	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	17.58	ppb
Vanadium	51-2	0.03	0.02	0.01	0.02	58.19	ppb
Yttrium	89-1				92		%
Yttrium	89-2				93		%
Zinc	66-2	0.08	0.26	0.20	0.18	49.51	ppb
Zirconium	90-1	0.02	0.02	0.03	0.02	46.69	ppb
Zirconium	91-1	0.00	0.03	0.02	0.02	82.42	ppb

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 14:32:50	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.21	19.59	19.58	19.79	1.84	ppb
Antimony	121-1	1.87	1.88	1.98	1.91	3.29	ppb
Arsenic	75-2	0.84	1.18	0.96	0.99	17.69	ppb
Barium	135-1	8.91	9.06	9.48	9.15	3.22	ppb
Barium	137-1	8.94	9.19	9.54	9.22	3.25	ppb
Beryllium	9-1	1.24	1.11	1.20	1.18	5.84	ppb
Bismuth	209-1				97		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.84	0.92	1.15	0.97	16.87	ppb
Cadmium	106-1	0.08	-0.51	-1.85	-0.76		ppb
Cadmium	111-1	0.90	1.08	1.14	1.04	11.78	ppb
Calcium	43-1	500.56	489.53	498.21	496.10	1.17	ppb
Calcium	44-1	485.29	504.44	524.90	504.87	3.92	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.92	2.05	1.97	1.98	3.33	ppb
Cobalt	59-2	1.09	1.12	1.02	1.07	4.88	ppb
Copper	63-2	1.98	2.08	2.31	2.12	7.99	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				96		%
Indium	115-1				93		%
Indium	115-2				93		%
Iron	56-2	57.06	57.37	57.87	57.43	0.72	ppb
Iron	57-2	54.84	56.59	59.37	56.93	4.02	ppb
Iron	54-2	59.30	60.44	63.92	61.22	3.93	ppb
Krypton	83-1						cps

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 14:32:50	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.90	0.87	0.91	0.89	2.41	ppb
Lead	207-1	0.92	0.89	0.94	0.92	3.11	ppb
Lead	208-1	0.90	0.90	0.92	0.91	1.66	ppb
Lithium	6-1				91		%
Magnesium	24-2	482.84	481.57	488.14	484.18	0.72	ppb
Manganese	55-2	1.01	1.11	1.08	1.07	4.58	ppb
Molybdenum	94-1	5.90	5.91	6.19	6.00	2.73	ppb
Molybdenum	95-1	4.87	4.88	5.14	4.96	3.07	ppb
Molybdenum	96-1	5.25	5.00	5.18	5.14	2.46	ppb
Molybdenum	97-1	5.03	5.03	4.83	4.97	2.31	ppb
Molybdenum	98-1	5.01	4.91	5.11	5.01	1.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.02	1.02	0.98	1.01	2.63	ppb
Phosphorus	31-2	24.22	12.45	27.08	21.25	36.48	ppb
Potassium	39-2	506.32	508.09	516.87	510.43	1.11	ppb
Rhodium	103-1				91		%
Rhodium	103-2				92		%
Scandium	45-1				87		%
Scandium	45-2				88		%
Selenium	82-1	6.00	4.83	6.01	5.61	12.12	ppb
Selenium	77-2	5.26	7.64	4.12	5.67	31.65	ppb
Selenium	78-2	5.68	4.27	3.55	4.50	24.08	ppb
Silicon	28-1	5.59	8.65	9.48	7.90	25.92	ppb
Silver	107-1	0.89	0.91	0.97	0.92	4.20	ppb
Silver	109-1	0.91	0.96	1.04	0.97	6.79	ppb
Sodium	23-2	560.34	556.90	564.62	560.62	0.69	ppb
Strontium	86-1	0.99	0.92	1.11	1.01	9.50	ppb
Strontium	88-1	0.95	0.98	1.03	0.98	4.04	ppb
Sulfur	34-1	356.54	716.51	960.73	677.93	44.83	ppb
Terbium	159-1				97		%
Terbium	159-2				96		%
Thallium	203-1	0.87	0.94	0.96	0.92	4.97	ppb
Thallium	205-1	0.90	0.87	0.88	0.88	1.66	ppb
Tin	118-1	4.41	4.34	4.63	4.46	3.41	ppb
Titanium	47-1	4.90	5.08	5.11	5.03	2.26	ppb

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 14:32:50	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.82	0.82	0.82	0.82	0.35	ppb
Vanadium	51-2	4.70	5.04	4.95	4.90	3.56	ppb
Yttrium	89-1				92		%
Yttrium	89-2				93		%
Zinc	66-2	4.96	5.81	5.38	5.38	7.96	ppb
Zirconium	90-1	0.95	0.94	0.97	0.95	1.39	ppb
Zirconium	91-1	0.86	0.99	0.99	0.95	8.05	ppb

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	P2252-10	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOIL	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 14:42:26	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	80676.83	81329.23	79771.04	80592.37	0.97	ppb
Antimony	121-1	286.96	288.32	288.82	288.03	0.33	ppb
Arsenic	75-2	2795.78	2752.68	2792.72	2780.40	0.86	ppb
Barium	135-1	7514.86	7543.48	7526.30	7528.21	0.19	ppb
Barium	137-1	7475.34	7490.07	7498.69	7488.03	0.16	ppb
Beryllium	9-1	152.25	150.71	150.09	151.02	0.74	ppb
Bismuth	209-1				94		%
Bismuth	209-2				88		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1593.27	1597.77	1608.43	1599.82	0.49	ppb
Cadmium	106-1	1484.16	1473.44	1493.07	1483.55	0.66	ppb
Cadmium	111-1	2079.40	2113.90	2112.90	2102.07	0.93	ppb
Calcium	43-1	173645.56	178227.50	175884.40	175919.15	1.30	ppb
Calcium	44-1	170898.37	176375.89	173476.57	173583.61	1.58	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1558.30	1562.24	1550.54	1557.02	0.38	ppb
Cobalt	59-2	1618.74	1609.76	1600.68	1609.73	0.56	ppb
Copper	63-2	1918.78	1928.31	1877.58	1908.22	1.41	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				95		%
Indium	115-1				86		%
Indium	115-2				80		%
Iron	56-2	139914.04	139819.50	139231.56	139655.03	0.26	ppb
Iron	57-2	138490.99	137830.39	136936.47	137752.61	0.57	ppb
Iron	54-2	137958.44	138431.16	139106.21	138498.60	0.42	ppb
Krypton	83-1						cps

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	P2252-10	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOIL	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 14:42:26	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	817.96	818.40	821.04	819.13	0.20	ppb
Lead	207-1	775.56	793.35	804.92	791.28	1.87	ppb
Lead	208-1	791.89	801.20	802.33	798.47	0.72	ppb
Lithium	6-1				222		%
Magnesium	24-2	141465.66	141577.09	141161.04	141401.26	0.15	ppb
Manganese	55-2	8112.39	8115.18	8102.65	8110.07	0.08	ppb
Molybdenum	94-1	1451.33	1460.70	1467.31	1459.78	0.55	ppb
Molybdenum	95-1	1678.20	1698.86	1705.25	1694.10	0.83	ppb
Molybdenum	96-1	1647.84	1669.61	1682.97	1666.81	1.06	ppb
Molybdenum	97-1	1709.46	1687.01	1725.61	1707.36	1.14	ppb
Molybdenum	98-1	1666.34	1677.75	1706.50	1683.53	1.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1719.33	1729.32	1702.88	1717.18	0.78	ppb
Phosphorus	31-2	5851.95	5782.79	5784.34	5806.36	0.68	ppb
Potassium	39-2	25548.97	25462.48	25200.76	25404.07	0.71	ppb
Rhodium	103-1				82		%
Rhodium	103-2				82		%
Scandium	45-1				87		%
Scandium	45-2				84		%
Selenium	82-1	2122.06	2105.32	2150.38	2125.92	1.07	ppb
Selenium	77-2	2199.89	2146.60	2195.51	2180.67	1.36	ppb
Selenium	78-2	2221.22	2164.68	2205.68	2197.19	1.33	ppb
Silicon	28-1	1855.23	1937.49	2011.77	1934.83	4.05	ppb
Silver	107-1	758.90	765.76	765.29	763.32	0.50	ppb
Silver	109-1	766.19	771.04	783.70	773.64	1.17	ppb
Sodium	23-2	97939.39	98295.01	97658.54	97964.31	0.33	ppb
Strontium	86-1	2035.05	2055.85	2065.47	2052.13	0.76	ppb
Strontium	88-1	2015.47	2034.89	2064.48	2038.28	1.21	ppb
Sulfur	34-1	-978.07	-575.26	-845.26	-799.53		ppb
Terbium	159-1				100		%
Terbium	159-2				94		%
Thallium	203-1	1738.74	1729.13	1758.52	1742.13	0.86	ppb
Thallium	205-1	1729.27	1731.83	1733.81	1731.64	0.13	ppb
Tin	118-1	612.18	608.78	617.50	612.82	0.72	ppb
Titanium	47-1	4158.39	4310.00	4209.44	4225.94	1.83	ppb

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	P2252-10	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOIL	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 14:42:26	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	426.55	425.81	435.08	429.15	1.20	ppb
Vanadium	51-2	2817.66	2843.59	2847.26	2836.17	0.57	ppb
Yttrium	89-1				102		%
Yttrium	89-2				97		%
Zinc	66-2	3103.01	3121.19	3086.38	3103.53	0.56	ppb
Zirconium	90-1	30.96	31.43	31.43	31.28	0.86	ppb
Zirconium	91-1	31.83	38.23	33.11	34.39	9.85	ppb

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	P2252-10DLX5	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	5
Date & Time Acquired ::	2024-06-04 14:57:54	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17352.73	17700.35	17404.27	17485.78	1.07	ppb
Antimony	121-1	60.48	61.09	61.07	60.88	0.57	ppb
Arsenic	75-2	622.80	626.70	622.45	623.98	0.38	ppb
Barium	135-1	1576.15	1614.41	1574.94	1588.50	1.41	ppb
Barium	137-1	1550.63	1566.24	1563.71	1560.19	0.54	ppb
Beryllium	9-1	64.57	64.98	64.35	64.64	0.49	ppb
Bismuth	209-1				93		%
Bismuth	209-2				91		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	340.22	358.77	356.12	351.70	2.85	ppb
Cadmium	106-1	312.49	316.66	318.41	315.85	0.96	ppb
Cadmium	111-1	445.63	451.08	446.99	447.90	0.63	ppb
Calcium	43-1	39318.68	39824.86	40488.92	39877.48	1.47	ppb
Calcium	44-1	37745.96	37379.13	38474.80	37866.63	1.47	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	337.85	341.59	335.35	338.26	0.93	ppb
Cobalt	59-2	351.78	354.87	348.08	351.58	0.97	ppb
Copper	63-2	416.36	418.91	413.02	416.09	0.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				92		%
Indium	115-1				87		%
Indium	115-2				82		%
Iron	56-2	30363.90	30275.04	29745.51	30128.15	1.11	ppb
Iron	57-2	31108.83	31678.97	31058.79	31282.20	1.10	ppb
Iron	54-2	30374.64	30664.09	30501.66	30513.46	0.48	ppb
Krypton	83-1						cps

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	P2252-10DLX5	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	5
Date & Time Acquired ::	2024-06-04 14:57:54	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	146.78	148.55	149.19	148.18	0.84	ppb
Lead	207-1	142.47	143.94	143.56	143.32	0.53	ppb
Lead	208-1	144.67	146.33	146.23	145.74	0.64	ppb
Lithium	6-1				106		%
Magnesium	24-2	30166.83	30554.58	30022.13	30247.85	0.91	ppb
Manganese	55-2	1740.55	1768.36	1746.67	1751.86	0.83	ppb
Molybdenum	94-1	329.59	336.68	326.26	330.84	1.61	ppb
Molybdenum	95-1	378.80	388.06	379.69	382.18	1.34	ppb
Molybdenum	96-1	376.89	383.62	375.63	378.71	1.13	ppb
Molybdenum	97-1	382.68	388.06	381.51	384.08	0.91	ppb
Molybdenum	98-1	381.65	387.58	380.64	383.29	0.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	380.91	386.19	381.26	382.78	0.77	ppb
Phosphorus	31-2	1179.56	1240.04	1254.35	1224.65	3.24	ppb
Potassium	39-2	5687.97	5788.86	5657.66	5711.49	1.20	ppb
Rhodium	103-1				83		%
Rhodium	103-2				82		%
Scandium	45-1				79		%
Scandium	45-2				78		%
Selenium	82-1	486.46	497.82	487.97	490.75	1.26	ppb
Selenium	77-2	507.63	501.32	519.55	509.50	1.82	ppb
Selenium	78-2	499.94	499.97	490.82	496.91	1.06	ppb
Silicon	28-1	433.50	522.48	498.24	484.74	9.49	ppb
Silver	107-1	163.59	165.80	163.76	164.38	0.75	ppb
Silver	109-1	165.90	166.84	165.30	166.01	0.47	ppb
Sodium	23-2	20761.89	20919.48	20929.04	20870.14	0.45	ppb
Strontium	86-1	454.23	463.24	456.54	458.00	1.02	ppb
Strontium	88-1	462.04	464.50	460.39	462.31	0.45	ppb
Sulfur	34-1	173.52	67.09	204.23	148.28	48.53	ppb
Terbium	159-1				94		%
Terbium	159-2				91		%
Thallium	203-1	341.24	347.73	350.99	346.66	1.43	ppb
Thallium	205-1	337.24	342.86	342.74	340.95	0.94	ppb
Tin	118-1	125.91	126.85	126.64	126.47	0.39	ppb
Titanium	47-1	909.27	931.99	946.86	929.38	2.04	ppb

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	P2252-10DLX5	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	5
Date & Time Acquired ::	2024-06-04 14:57:54	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	82.55	83.88	83.34	83.26	0.80	ppb
Vanadium	51-2	610.05	618.43	606.84	611.78	0.98	ppb
Yttrium	89-1				88		%
Yttrium	89-2				86		%
Zinc	66-2	689.78	701.75	686.47	692.67	1.16	ppb
Zirconium	90-1	6.90	7.14	7.00	7.02	1.66	ppb
Zirconium	91-1	7.17	7.34	7.17	7.22	1.39	ppb

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	PB161320BL	Instrumnet Name :	P7
Client Sample ID :	PB161320BL	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 15:08:34	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.03	0.07	0.11	0.07	53.82	ppb
Antimony	121-1	0.01	0.02	0.01	0.01	41.83	ppb
Arsenic	75-2	0.11	0.05	0.05	0.07	50.88	ppb
Barium	135-1	0.09	0.06	0.07	0.07	22.19	ppb
Barium	137-1	0.08	0.09	0.07	0.08	9.98	ppb
Beryllium	9-1	0.35	0.26	0.34	0.32	16.13	ppb
Bismuth	209-1				92		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.15	0.10	0.10	0.12	21.98	ppb
Cadmium	106-1	-1.70	-2.98	-2.79	-2.49		ppb
Cadmium	111-1	0.01	0.02	0.03	0.02	40.27	ppb
Calcium	43-1	4.10	-1.75	0.28	0.88	339.13	ppb
Calcium	44-1	11.66	7.93	3.57	7.72	52.45	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	-0.01	0.03	0.02	115.11	ppb
Cobalt	59-2	0.08	0.11	0.09	0.09	13.70	ppb
Copper	63-2	0.72	0.60	0.64	0.65	9.12	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				91		%
Holmium	165-2				91		%
Indium	115-1				88		%
Indium	115-2				85		%
Iron	56-2	5.79	5.63	6.20	5.88	5.02	ppb
Iron	57-2	4.55	3.74	4.79	4.36	12.57	ppb
Iron	54-2	7.25	6.91	7.51	7.22	4.15	ppb
Krypton	83-1						cps

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	PB161320BL	Instrumnet Name :	P7
Client Sample ID :	PB161320BL	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 15:08:34	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.15	0.12	0.13	0.13	10.33	ppb
Lead	207-1	0.16	0.17	0.12	0.15	15.36	ppb
Lead	208-1	0.15	0.14	0.14	0.14	5.00	ppb
Lithium	6-1				82		%
Magnesium	24-2	-2.35	-1.92	-2.35	-2.21		ppb
Manganese	55-2	0.27	0.27	0.36	0.30	16.46	ppb
Molybdenum	94-1	0.11	0.11	0.16	0.13	21.61	ppb
Molybdenum	95-1	0.17	0.21	0.19	0.19	11.10	ppb
Molybdenum	96-1	0.15	0.14	0.16	0.15	8.20	ppb
Molybdenum	97-1	0.17	0.23	0.18	0.19	16.38	ppb
Molybdenum	98-1	0.14	0.14	0.15	0.14	2.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.23	-0.30	-0.13	-0.22		ppb
Phosphorus	31-2	2.34	1.96	3.06	2.45	22.65	ppb
Potassium	39-2	28.05	27.93	30.51	28.83	5.06	ppb
Rhodium	103-1				86		%
Rhodium	103-2				86		%
Scandium	45-1				81		%
Scandium	45-2				79		%
Selenium	82-1	-0.25	0.98	-0.02	0.23	280.28	ppb
Selenium	77-2	0.00	0.00	0.64	0.21	173.21	ppb
Selenium	78-2	0.33	1.68	-1.28	0.24	609.82	ppb
Silicon	28-1	8.21	8.39	9.19	8.60	6.06	ppb
Silver	107-1	0.02	0.01	0.02	0.01	21.69	ppb
Silver	109-1	0.02	0.02	0.02	0.02	7.83	ppb
Sodium	23-2	71.48	70.58	68.49	70.18	2.18	ppb
Strontium	86-1	0.02	0.01	0.01	0.01	68.58	ppb
Strontium	88-1	0.03	0.02	0.03	0.03	20.05	ppb
Sulfur	34-1	752.30	647.03	624.49	674.61	10.11	ppb
Terbium	159-1				91		%
Terbium	159-2				89		%
Thallium	203-1	0.08	0.07	0.08	0.08	7.26	ppb
Thallium	205-1	0.07	0.06	0.06	0.07	9.68	ppb
Tin	118-1	-0.09	-0.09	-0.07	-0.08		ppb
Titanium	47-1	0.01	-0.02	0.00	0.00		ppb

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	PB161320BL	Instrumnet Name :	P7
Client Sample ID :	PB161320BL	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 15:08:34	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	11.24	ppb
Vanadium	51-2	0.11	0.11	0.11	0.11	2.52	ppb
Yttrium	89-1				85		%
Yttrium	89-2				86		%
Zinc	66-2	0.06	0.01	0.23	0.10	118.11	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	166.88	ppb
Zirconium	91-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	PB161320BS	Instrumnet Name :	P7
Client Sample ID :	PB161320BS	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 15:15:48	DataFile Name :	031LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10172.01	9105.36	9129.16	9468.84	6.43	ppb
Antimony	121-1	506.19	499.86	492.89	499.65	1.33	ppb
Arsenic	75-2	508.51	452.94	455.33	472.26	6.65	ppb
Barium	135-1	2566.21	2511.80	2480.57	2519.53	1.72	ppb
Barium	137-1	2570.82	2485.41	2477.24	2511.15	2.06	ppb
Beryllium	9-1	509.38	512.04	509.63	510.35	0.29	ppb
Bismuth	209-1				89		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	513.93	504.73	504.26	507.64	1.07	ppb
Cadmium	106-1	509.49	502.01	493.25	501.58	1.62	ppb
Cadmium	111-1	508.77	500.16	496.79	501.91	1.23	ppb
Calcium	43-1	58894.69	57068.63	56909.84	57624.38	1.91	ppb
Calcium	44-1	54371.96	53184.54	52679.51	53412.00	1.63	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	515.71	461.23	464.59	480.51	6.35	ppb
Cobalt	59-2	515.94	463.47	462.09	480.50	6.39	ppb
Copper	63-2	5345.38	4731.24	4707.46	4928.03	7.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				90		%
Holmium	165-2				95		%
Indium	115-1				83		%
Indium	115-2				86		%
Iron	56-2	26520.27	23489.35	23762.35	24590.66	6.82	ppb
Iron	57-2	27555.39	24632.10	24769.45	25652.32	6.43	ppb
Iron	54-2	26746.82	23636.38	23976.40	24786.53	6.88	ppb
Krypton	83-1						cps

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	PB161320BS	Instrumnet Name :	P7
Client Sample ID :	PB161320BS	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 15:15:48	DataFile Name :	031LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2556.76	2541.47	2545.50	2547.91	0.31	ppb
Lead	207-1	2523.33	2541.06	2536.59	2533.66	0.36	ppb
Lead	208-1	2520.18	2540.78	2541.03	2534.00	0.47	ppb
Lithium	6-1				80		%
Magnesium	24-2	50020.90	45135.86	44658.84	46605.20	6.37	ppb
Manganese	55-2	5193.87	4593.13	4676.68	4821.23	6.75	ppb
Molybdenum	94-1	5688.42	5593.18	5561.94	5614.51	1.17	ppb
Molybdenum	95-1	5725.45	5654.54	5597.79	5659.26	1.13	ppb
Molybdenum	96-1	5723.59	5671.37	5490.15	5628.37	2.18	ppb
Molybdenum	97-1	5732.17	5634.62	5641.05	5669.28	0.96	ppb
Molybdenum	98-1	5667.57	5563.20	5596.58	5609.12	0.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	520.66	468.27	467.04	485.32	6.31	ppb
Phosphorus	31-2	10106.97	9114.98	9001.07	9407.67	6.47	ppb
Potassium	39-2	25227.34	22624.68	22664.66	23505.56	6.34	ppb
Rhodium	103-1				79		%
Rhodium	103-2				85		%
Scandium	45-1				78		%
Scandium	45-2				82		%
Selenium	82-1	514.02	513.35	505.12	510.83	0.97	ppb
Selenium	77-2	473.08	454.37	442.04	456.50	3.42	ppb
Selenium	78-2	517.81	462.61	480.25	486.89	5.79	ppb
Silicon	28-1	550.85	538.97	537.55	542.46	1.35	ppb
Silver	107-1	516.51	505.20	496.17	505.96	2.01	ppb
Silver	109-1	521.17	507.77	501.23	510.06	1.99	ppb
Sodium	23-2	50083.16	45098.85	45067.94	46749.98	6.17	ppb
Strontium	86-1	12931.14	12811.84	12751.45	12831.48	0.71	ppb
Strontium	88-1	12946.84	12639.07	12584.77	12723.56	1.53	ppb
Sulfur	34-1	12185.20	11089.99	11005.07	11426.75	5.76	ppb
Terbium	159-1				90		%
Terbium	159-2				95		%
Thallium	203-1	522.00	513.16	510.34	515.17	1.18	ppb
Thallium	205-1	511.63	509.60	503.21	508.15	0.87	ppb
Tin	118-1	512.20	499.68	496.56	502.82	1.65	ppb
Titanium	47-1	5761.75	5531.59	5640.32	5644.55	2.04	ppb

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	PB161320BS	Instrumnet Name :	P7
Client Sample ID :	PB161320BS	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 15:15:48	DataFile Name :	031LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	506.88	505.24	503.66	505.26	0.32	ppb
Vanadium	51-2	515.44	459.00	458.21	477.55	6.87	ppb
Yttrium	89-1				83		%
Yttrium	89-2				88		%
Zinc	66-2	5202.20	4675.25	4685.39	4854.28	6.21	ppb
Zirconium	90-1	521.53	512.99	508.75	514.42	1.27	ppb
Zirconium	91-1	512.09	508.53	502.50	507.71	0.95	ppb

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P7
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 15:18:38	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49556.60	49086.69	49175.55	49272.94	0.51	ppb
Antimony	121-1	484.50	489.41	488.21	487.37	0.53	ppb
Arsenic	75-2	511.56	504.86	504.16	506.86	0.81	ppb
Barium	135-1	2513.59	2498.96	2506.17	2506.24	0.29	ppb
Barium	137-1	2494.21	2528.48	2504.08	2508.92	0.70	ppb
Beryllium	9-1	524.30	520.87	527.13	524.10	0.60	ppb
Bismuth	209-1				85		%
Bismuth	209-2				82		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	484.63	491.75	486.57	487.65	0.75	ppb
Cadmium	106-1	486.63	484.01	493.91	488.18	1.05	ppb
Cadmium	111-1	474.88	477.85	476.51	476.41	0.31	ppb
Calcium	43-1	255876.59	248695.80	254768.62	253113.67	1.53	ppb
Calcium	44-1	252176.08	247708.23	253863.80	251249.37	1.27	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	518.89	515.65	516.81	517.12	0.32	ppb
Cobalt	59-2	503.18	498.95	506.00	502.71	0.71	ppb
Copper	63-2	5365.13	5264.53	5384.97	5338.21	1.21	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				89		%
Indium	115-1				83		%
Indium	115-2				79		%
Iron	56-2	130399.66	126730.06	128268.21	128465.97	1.43	ppb
Iron	57-2	128077.02	126687.13	128043.20	127602.45	0.62	ppb
Iron	54-2	126102.38	126500.98	127187.78	126597.04	0.43	ppb
Krypton	83-1						cps

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P7
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 15:18:38	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2618.62	2602.43	2554.72	2591.93	1.28	ppb
Lead	207-1	2599.38	2573.89	2549.45	2574.24	0.97	ppb
Lead	208-1	2589.98	2585.28	2552.04	2575.77	0.80	ppb
Lithium	6-1				79		%
Magnesium	24-2	246599.75	243418.57	244539.74	244852.69	0.66	ppb
Manganese	55-2	5176.58	5087.52	5087.89	5117.33	1.00	ppb
Molybdenum	94-1	5599.94	5591.64	5599.20	5596.92	0.08	ppb
Molybdenum	95-1	5590.52	5643.35	5685.40	5639.76	0.84	ppb
Molybdenum	96-1	5573.65	5604.63	5609.69	5595.99	0.35	ppb
Molybdenum	97-1	5601.41	5661.30	5527.84	5596.85	1.19	ppb
Molybdenum	98-1	5575.43	5602.59	5602.20	5593.41	0.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	503.72	498.86	505.01	502.53	0.65	ppb
Phosphorus	31-2	10231.51	10069.73	10207.69	10169.64	0.86	ppb
Potassium	39-2	124863.53	123725.62	123507.25	124032.13	0.59	ppb
Rhodium	103-1				77		%
Rhodium	103-2				76		%
Scandium	45-1				79		%
Scandium	45-2				78		%
Selenium	82-1	484.99	485.43	476.90	482.44	1.00	ppb
Selenium	77-2	482.08	501.92	507.34	497.11	2.67	ppb
Selenium	78-2	499.52	482.54	502.20	494.75	2.15	ppb
Silicon	28-1	571.65	556.92	575.99	568.18	1.76	ppb
Silver	107-1	481.60	479.40	475.94	478.98	0.60	ppb
Silver	109-1	479.88	486.30	477.22	481.13	0.97	ppb
Sodium	23-2	246978.21	246830.95	247567.48	247125.55	0.16	ppb
Strontium	86-1	12682.59	12718.07	12624.38	12675.01	0.37	ppb
Strontium	88-1	12555.48	12680.25	12509.24	12581.66	0.70	ppb
Sulfur	34-1	11429.04	10835.53	11326.56	11197.04	2.83	ppb
Terbium	159-1				91		%
Terbium	159-2				87		%
Thallium	203-1	536.12	528.54	519.16	527.94	1.61	ppb
Thallium	205-1	522.88	519.88	515.56	519.44	0.71	ppb
Tin	118-1	498.67	496.19	490.43	495.10	0.85	ppb
Titanium	47-1	5704.71	5546.25	5676.78	5642.58	1.50	ppb

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P7
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 15:18:38	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	529.05	537.95	525.25	530.75	1.23	ppb
Vanadium	51-2	517.44	514.87	517.71	516.67	0.30	ppb
Yttrium	89-1				85		%
Yttrium	89-2				83		%
Zinc	66-2	5226.62	5153.38	5207.77	5195.92	0.73	ppb
Zirconium	90-1	511.88	511.29	514.07	512.41	0.29	ppb
Zirconium	91-1	509.66	509.26	510.32	509.75	0.11	ppb

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P7
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 15:26:04	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.67	10.72	8.99	9.79	8.88	ppb
Antimony	121-1	0.09	0.13	0.14	0.12	24.38	ppb
Arsenic	75-2	0.07	0.13	0.11	0.11	29.50	ppb
Barium	135-1	0.10	0.10	0.08	0.09	13.51	ppb
Barium	137-1	0.12	0.15	0.10	0.13	18.54	ppb
Beryllium	9-1	0.70	0.60	0.52	0.61	14.79	ppb
Bismuth	209-1				93		%
Bismuth	209-2				91		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.10	0.15	0.15	0.13	19.43	ppb
Cadmium	106-1	-2.50	-1.80	-2.87	-2.39		ppb
Cadmium	111-1	0.01	0.01	0.02	0.01	34.91	ppb
Calcium	43-1	6.55	1.46	5.02	4.34	60.12	ppb
Calcium	44-1	-5.55	-2.32	-8.61	-5.49		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.04	0.07	0.03	0.05	35.57	ppb
Cobalt	59-2	0.08	0.12	0.11	0.10	18.97	ppb
Copper	63-2	0.44	0.60	0.59	0.54	17.00	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				91		%
Holmium	165-2				89		%
Indium	115-1				87		%
Indium	115-2				84		%
Iron	56-2	8.15	8.38	8.09	8.21	1.86	ppb
Iron	57-2	8.07	7.09	8.12	7.76	7.50	ppb
Iron	54-2	10.48	8.99	9.58	9.69	7.75	ppb
Krypton	83-1						cps

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P7
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 15:26:04	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.18	0.17	0.16	0.17	5.82	ppb
Lead	207-1	0.18	0.16	0.17	0.17	6.62	ppb
Lead	208-1	0.18	0.17	0.16	0.17	4.53	ppb
Lithium	6-1				82		%
Magnesium	24-2	-0.14	2.61	0.92	1.13	122.75	ppb
Manganese	55-2	0.55	0.59	0.53	0.55	5.75	ppb
Molybdenum	94-1	0.38	0.39	0.41	0.39	4.02	ppb
Molybdenum	95-1	0.52	0.45	0.47	0.48	7.58	ppb
Molybdenum	96-1	0.45	0.36	0.31	0.37	18.84	ppb
Molybdenum	97-1	0.49	0.48	0.49	0.49	1.13	ppb
Molybdenum	98-1	0.43	0.45	0.38	0.42	8.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.05	0.03	-0.11	-0.04		ppb
Phosphorus	31-2	-2.10	14.46	1.08	4.48	196.04	ppb
Potassium	39-2	50.50	44.89	58.98	51.46	13.79	ppb
Rhodium	103-1				86		%
Rhodium	103-2				85		%
Scandium	45-1				80		%
Scandium	45-2				78		%
Selenium	82-1	-0.07	-0.07	-0.18	-0.11		ppb
Selenium	77-2	0.00	0.64	0.00	0.21	173.21	ppb
Selenium	78-2	-0.81	0.96	-0.41	-0.08		ppb
Silicon	28-1	6.18	8.80	10.32	8.43	24.84	ppb
Silver	107-1	0.03	0.04	0.03	0.03	16.66	ppb
Silver	109-1	0.03	0.02	0.02	0.03	13.47	ppb
Sodium	23-2	82.34	85.67	86.31	84.77	2.51	ppb
Strontium	86-1	0.32	0.21	0.23	0.25	22.76	ppb
Strontium	88-1	0.29	0.26	0.23	0.26	11.67	ppb
Sulfur	34-1	750.36	1237.43	1312.30	1100.03	27.74	ppb
Terbium	159-1				91		%
Terbium	159-2				89		%
Thallium	203-1	0.08	0.09	0.09	0.09	3.69	ppb
Thallium	205-1	0.09	0.09	0.09	0.09	2.17	ppb
Tin	118-1	-0.06	-0.06	-0.05	-0.06		ppb
Titanium	47-1	0.19	0.26	0.12	0.19	38.90	ppb

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P7
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 15:26:04	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.01	0.01	0.01	7.92	ppb
Vanadium	51-2	0.06	0.05	0.07	0.06	21.93	ppb
Yttrium	89-1				85		%
Yttrium	89-2				85		%
Zinc	66-2	0.37	0.34	0.31	0.34	8.01	ppb
Zirconium	90-1	0.01	0.02	0.02	0.02	18.85	ppb
Zirconium	91-1	0.01	0.00	0.02	0.01	96.00	ppb

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 13:08:02	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	70	107	63	80	29.17	cps
Antimony	121-1	13	13	20	16	24.76	cps
Arsenic	75-2	0	3	3	2	86.60	cps
Barium	135-1	27	17	20	21	24.12	cps
Barium	137-1	40	23	17	27	45.07	cps
Beryllium	9-1	67	27	37	43	48.03	cps
Bismuth	209-1	4811464	4825991	4896668	4844707	0.94	cps
Bismuth	209-2	3523368	3474397	3505261	3501008	0.71	cps
Bromine	81-1	18635	18094	18482	18404	1.51	cps
Bromine	81-2	73	87	70	77	11.51	cps
Cadmium	108-1	20	0	7	9	114.55	cps
Cadmium	106-1	4177	4171	4054	4134	1.68	cps
Cadmium	111-1	407	420	404	411	2.12	cps
Calcium	43-1	260	220	230	237	8.80	cps
Calcium	44-1	22700	22443	22871	22671	0.95	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	387	387	343	372	6.72	cps
Cobalt	59-2	67	90	110	89	24.40	cps
Copper	63-2	783	863	797	814	5.26	cps
Dysprosium	156-1	7	7	23	12	78.69	cps
Dysprosium	156-2	0	10	10	7	86.60	cps
Erbium	164-1	50	57	27	44	35.44	cps
Erbium	164-2	37	27	17	27	37.50	cps
Gadolinium	160-1	57	43	40	47	18.90	cps
Gadolinium	160-2	210	203	230	214	6.47	cps
Holmium	165-1	6819922	6898251	6968670	6895614	1.08	cps
Holmium	165-2	4632309	4539510	4573995	4581938	1.02	cps
Indium	115-1	4618590	4680636	4530622	4609949	1.64	cps
Indium	115-2	1505088	1495745	1509056	1503296	0.45	cps
Iron	56-2	12689	13152	12969	12937	1.81	cps
Iron	57-2	540	433	513	496	11.20	cps
Iron	54-2	1740	1737	1790	1756	1.70	cps
Krypton	83-1	70	43	73	62	26.43	cps

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 13:08:02	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	283	300	290	291	2.88	cps
Lead	207-1	223	257	253	244	7.51	cps
Lead	208-1	1007	1110	1093	1070	5.19	cps
Lithium	6-1	932449	930430	1008717	957199	4.66	cps
Magnesium	24-2	1620	1403	1640	1555	8.44	cps
Manganese	55-2	553	470	357	460	21.46	cps
Molybdenum	94-1	183	237	220	213	12.79	cps
Molybdenum	95-1	360	410	410	393	7.34	cps
Molybdenum	96-1	130	127	137	131	3.88	cps
Molybdenum	97-1	80	93	73	82	12.39	cps
Molybdenum	98-1	160	140	143	148	7.25	cps
Neodymium	150-1	3	10	0	4	114.60	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	497	590	573	553	9.00	cps
Phosphorus	31-2	453	417	473	448	6.42	cps
Potassium	39-2	91429	92143	91814	91795	0.39	cps
Rhodium	103-1	4125795	4075107	4091757	4097553	0.63	cps
Rhodium	103-2	2335433	2338152	2311561	2328382	0.63	cps
Scandium	45-1	2498094	2570560	2550562	2539739	1.47	cps
Scandium	45-2	220791	220496	221285	220857	0.18	cps
Selenium	82-1	193	223	201	206	7.67	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	93	103	100	99	5.15	cps
Silicon	28-1	652852	654010	649767	652210	0.34	cps
Silver	107-1	67	50	67	61	15.75	cps
Silver	109-1	7	13	17	12	41.65	cps
Sodium	23-2	13453	14006	13933	13797	2.18	cps
Strontium	86-1	210	173	157	180	15.16	cps
Strontium	88-1	723	810	657	730	10.53	cps
Sulfur	34-1	316216	317295	318244	317252	0.32	cps
Terbium	159-1	7041694	6945124	7072376	7019731	0.95	cps
Terbium	159-2	4550362	4524600	4514779	4529914	0.41	cps
Thallium	203-1	77	77	57	70	16.49	cps
Thallium	205-1	170	207	210	196	11.35	cps
Tin	118-1	1164	1887	1074	1375	32.41	cps
Titanium	47-1	120	110	90	107	14.32	cps

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 13:08:02	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	23	37	27	29	24.03	cps
Vanadium	51-2	27	10	27	21	45.58	cps
Yttrium	89-1	6218072	6282383	6328371	6276275	0.88	cps
Yttrium	89-2	1514958	1534571	1524349	1524626	0.64	cps
Zinc	66-2	207	263	220	230	12.88	cps
Zirconium	90-1	257	237	300	264	12.24	cps
Zirconium	91-1	50	63	47	53	16.53	cps

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 13:11:20	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2340	2327	2337	2335	0.30	cps
Antimony	121-1	8996	9063	9386	9149	2.28	cps
Arsenic	75-2	193	187	220	200	8.82	cps
Barium	135-1	12489	12933	13023	12815	2.23	cps
Barium	137-1	21660	22067	22020	21916	1.02	cps
Beryllium	9-1	943	963	933	947	1.61	cps
Bismuth	209-1	4891361	4872485	4927928	4897258	0.58	cps
Bismuth	209-2	3490401	3539205	3508737	3512781	0.70	cps
Bromine	81-1	18331	18191	18151	18225	0.52	cps
Bromine	81-2	77	53	57	62	20.29	cps
Cadmium	108-1	87	100	93	93	7.14	cps
Cadmium	106-1	4501	4531	4364	4465	1.99	cps
Cadmium	111-1	1563	1446	1544	1518	4.12	cps
Calcium	43-1	6935	6752	6725	6804	1.68	cps
Calcium	44-1	126724	126750	127853	127109	0.51	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3824	4007	3690	3841	4.14	cps
Cobalt	59-2	2754	2767	2707	2742	1.15	cps
Copper	63-2	4301	4161	4331	4264	2.13	cps
Dysprosium	156-1	7	3	13	8	65.47	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	30	77	27	44	62.90	cps
Erbium	164-2	23	10	33	22	52.68	cps
Gadolinium	160-1	47	43	67	52	24.17	cps
Gadolinium	160-2	247	233	247	242	3.18	cps
Holmium	165-1	6973626	7044007	6912187	6976607	0.95	cps
Holmium	165-2	4706559	4674476	4636255	4672430	0.75	cps
Indium	115-1	4641342	4629472	4654736	4641850	0.27	cps
Indium	115-2	1524922	1524193	1526181	1525099	0.07	cps
Iron	56-2	93803	92566	92006	92791	0.99	cps
Iron	57-2	2750	2650	2494	2631	4.92	cps
Iron	54-2	6391	6471	6518	6460	0.99	cps
Krypton	83-1	77	57	70	68	15.02	cps

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 13:11:20	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4664	5148	4881	4898	4.95	cps
Lead	207-1	4284	4117	4234	4212	2.03	cps
Lead	208-1	19145	19452	19556	19384	1.10	cps
Lithium	6-1	961062	959404	940271	953579	1.21	cps
Magnesium	24-2	102666	103173	103133	102990	0.27	cps
Manganese	55-2	1797	1860	1890	1849	2.58	cps
Molybdenum	94-1	9366	9446	9313	9375	0.72	cps
Molybdenum	95-1	11074	11141	11351	11189	1.29	cps
Molybdenum	96-1	12329	12472	12679	12493	1.41	cps
Molybdenum	97-1	7048	7185	6948	7061	1.68	cps
Molybdenum	98-1	18168	18378	18412	18319	0.72	cps
Neodymium	150-1	7	10	17	11	45.82	cps
Neodymium	150-2	0	10	0	3	173.21	cps
Nickel	60-2	1023	1137	1140	1100	6.04	cps
Phosphorus	31-2	613	640	660	638	3.67	cps
Potassium	39-2	203981	203582	204049	203871	0.12	cps
Rhodium	103-1	4151796	4114794	4107477	4124689	0.58	cps
Rhodium	103-2	2324559	2347893	2373593	2348682	1.04	cps
Scandium	45-1	2569159	2569775	2561381	2566772	0.18	cps
Scandium	45-2	222468	222228	222753	222483	0.12	cps
Selenium	82-1	518	535	553	536	3.28	cps
Selenium	77-2	20	13	30	21	39.75	cps
Selenium	78-2	170	180	163	171	4.90	cps
Silicon	28-1	654131	653505	655257	654298	0.14	cps
Silver	107-1	5158	5651	5394	5401	4.57	cps
Silver	109-1	4864	5144	5024	5011	2.80	cps
Sodium	23-2	173650	172665	173570	173295	0.32	cps
Strontium	86-1	1710	1580	1647	1646	3.95	cps
Strontium	88-1	13189	13703	13363	13418	1.95	cps
Sulfur	34-1	318889	322130	320948	320656	0.51	cps
Terbium	159-1	7030128	7107939	7026090	7054719	0.65	cps
Terbium	159-2	4546944	4582583	4575899	4568475	0.41	cps
Thallium	203-1	5561	5414	5681	5552	2.41	cps
Thallium	205-1	13360	13564	13854	13592	1.83	cps
Tin	118-1	20274	20705	20635	20538	1.13	cps
Titanium	47-1	3120	2780	3120	3007	6.53	cps

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 13:11:20	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	18980	18954	19167	19034	0.61	cps
Vanadium	51-2	7679	7535	7459	7558	1.48	cps
Yttrium	89-1	6309069	6343923	6288871	6313955	0.44	cps
Yttrium	89-2	1583649	1547856	1556324	1562610	1.20	cps
Zinc	66-2	1623	1607	1600	1610	0.75	cps
Zirconium	90-1	7602	7792	7652	7682	1.28	cps
Zirconium	91-1	1700	1700	1743	1715	1.46	cps

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 13:14:41	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	114412	116007	114499	114973	0.78	cps
Antimony	121-1	237086	239288	241986	239453	1.02	cps
Arsenic	75-2	9570	9593	9867	9677	1.71	cps
Barium	135-1	331119	330318	332580	331339	0.35	cps
Barium	137-1	578909	579152	579510	579190	0.05	cps
Beryllium	9-1	44915	44861	45894	45223	1.29	cps
Bismuth	209-1	4807426	4871735	4460490	4713217	4.69	cps
Bismuth	209-2	3492045	3561890	3485240	3513059	1.21	cps
Bromine	81-1	17544	17948	17474	17655	1.45	cps
Bromine	81-2	63	67	73	68	7.51	cps
Cadmium	108-1	5064	5091	4797	4984	3.26	cps
Cadmium	106-1	11341	11084	10791	11072	2.49	cps
Cadmium	111-1	55069	55099	55713	55294	0.66	cps
Calcium	43-1	73835	74622	74150	74202	0.53	cps
Calcium	44-1	1166400	1170690	1163714	1166935	0.30	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	88149	88320	87364	87944	0.58	cps
Cobalt	59-2	128860	128434	127257	128184	0.65	cps
Copper	63-2	887230	882453	882541	884075	0.31	cps
Dysprosium	156-1	13	40	17	23	62.27	cps
Dysprosium	156-2	10	20	37	22	60.63	cps
Erbium	164-1	107	60	37	68	52.59	cps
Erbium	164-2	43	27	17	29	46.62	cps
Gadolinium	160-1	47	33	30	37	24.06	cps
Gadolinium	160-2	303	250	250	268	11.50	cps
Holmium	165-1	6948235	7011104	6447049	6802129	4.54	cps
Holmium	165-2	4524489	4679738	4581754	4595327	1.71	cps
Indium	115-1	4615267	4656960	4240178	4504135	5.10	cps
Indium	115-2	1488611	1504491	1476154	1489752	0.95	cps
Iron	56-2	3894729	3913773	3873874	3894125	0.51	cps
Iron	57-2	102506	103926	103496	103309	0.70	cps
Iron	54-2	228826	232016	228771	229871	0.81	cps
Krypton	83-1	50	63	63	59	13.07	cps

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 13:14:41	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1178838	1189307	1192693	1186946	0.61	cps
Lead	207-1	1030561	1037310	1041084	1036318	0.51	cps
Lead	208-1	4896051	4956516	4980096	4944221	0.88	cps
Lithium	6-1	953899	961266	923859	946341	2.09	cps
Magnesium	24-2	1052187	1057940	1051104	1053744	0.35	cps
Manganese	55-2	679415	677342	676189	677649	0.24	cps
Molybdenum	94-1	872085	872668	873382	872712	0.07	cps
Molybdenum	95-1	1265574	1268375	1275919	1269956	0.42	cps
Molybdenum	96-1	1387910	1385072	1395830	1389604	0.40	cps
Molybdenum	97-1	795287	797343	801722	798117	0.41	cps
Molybdenum	98-1	2046286	2017989	2084821	2049699	1.64	cps
Neodymium	150-1	80	93	130	101	25.61	cps
Neodymium	150-2	20	7	23	17	52.90	cps
Nickel	60-2	33013	32843	32716	32857	0.45	cps
Phosphorus	31-2	6308	6165	6128	6200	1.53	cps
Potassium	39-2	664713	669539	659565	664606	0.75	cps
Rhodium	103-1	4016805	4082774	3727330	3942303	4.80	cps
Rhodium	103-2	2265077	2317940	2270937	2284651	1.27	cps
Scandium	45-1	2544284	2537361	2272062	2451235	6.33	cps
Scandium	45-2	214638	219593	214601	216278	1.33	cps
Selenium	82-1	3571	3570	3546	3563	0.41	cps
Selenium	77-2	240	270	280	263	7.91	cps
Selenium	78-2	1063	1087	1193	1114	6.22	cps
Silicon	28-1	1221558	1205420	1212740	1213239	0.67	cps
Silver	107-1	284919	285021	288413	286118	0.69	cps
Silver	109-1	271293	275944	279290	275509	1.46	cps
Sodium	23-2	1609425	1587520	1564248	1587064	1.42	cps
Strontium	86-1	1821758	1848045	1842624	1837476	0.76	cps
Strontium	88-1	16160146	16220686	16231171	16204001	0.24	cps
Sulfur	34-1	334329	333606	330323	332753	0.64	cps
Terbium	159-1	7010280	7029038	6456528	6831949	4.76	cps
Terbium	159-2	4515587	4562417	4501035	4526346	0.71	cps
Thallium	203-1	289602	288757	291665	290008	0.52	cps
Thallium	205-1	684991	696906	698204	693367	1.05	cps
Tin	118-1	215366	216011	218184	216520	0.68	cps
Titanium	47-1	332302	334520	336654	334492	0.65	cps

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 13:14:41	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1007415	1015322	1017766	1013501	0.53	cps
Vanadium	51-2	75849	75354	75755	75653	0.35	cps
Yttrium	89-1	6303250	6389112	5741809	6144724	5.72	cps
Yttrium	89-2	1500039	1517642	1480898	1499526	1.23	cps
Zinc	66-2	144370	144147	143050	143856	0.49	cps
Zirconium	90-1	401118	401196	407091	403135	0.85	cps
Zirconium	91-1	88927	89725	90433	89695	0.84	cps

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 13:17:52	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	277299	277482	273424	276068	0.83	cps
Antimony	121-1	586480	591742	588676	588966	0.45	cps
Arsenic	75-2	23579	23572	23629	23593	0.13	cps
Barium	135-1	807678	815936	814908	812841	0.55	cps
Barium	137-1	1409269	1435066	1425043	1423126	0.91	cps
Beryllium	9-1	109962	109408	109354	109575	0.31	cps
Bismuth	209-1	4820309	4774252	4813316	4802626	0.52	cps
Bismuth	209-2	3445697	3410317	3404240	3420084	0.65	cps
Bromine	81-1	16960	17080	17260	17100	0.88	cps
Bromine	81-2	57	77	33	56	39.04	cps
Cadmium	108-1	12399	11675	12085	12053	3.01	cps
Cadmium	106-1	21603	21803	21559	21655	0.60	cps
Cadmium	111-1	133241	134145	134960	134115	0.64	cps
Calcium	43-1	178981	181890	178490	179787	1.02	cps
Calcium	44-1	2631993	2654471	2634249	2640238	0.47	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	211052	209596	209350	209999	0.44	cps
Cobalt	59-2	313034	309820	308887	310580	0.70	cps
Copper	63-2	2163509	2138288	2124005	2141934	0.93	cps
Dysprosium	156-1	37	40	40	39	4.94	cps
Dysprosium	156-2	33	57	40	43	27.74	cps
Erbium	164-1	50	57	77	61	22.71	cps
Erbium	164-2	20	37	43	33	36.05	cps
Gadolinium	160-1	53	43	40	46	15.23	cps
Gadolinium	160-2	253	277	323	284	12.53	cps
Holmium	165-1	6879570	6883154	6949092	6903939	0.57	cps
Holmium	165-2	4493683	4537299	4553884	4528288	0.69	cps
Indium	115-1	4493705	4508609	4549759	4517358	0.64	cps
Indium	115-2	1446341	1449304	1447242	1447629	0.10	cps
Iron	56-2	9470937	9288294	9375392	9378208	0.97	cps
Iron	57-2	249484	250569	246774	248942	0.79	cps
Iron	54-2	555942	554507	552496	554315	0.31	cps
Krypton	83-1	77	50	40	56	34.12	cps

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 13:17:52	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3145466	3159754	3208759	3171326	1.05	cps
Lead	207-1	2764642	2779714	2828784	2791047	1.20	cps
Lead	208-1	12607727	12660587	12858282	12708865	1.04	cps
Lithium	6-1	986313	990347	978767	985142	0.60	cps
Magnesium	24-2	2491000	2468098	2461435	2473511	0.63	cps
Manganese	55-2	1621825	1588964	1627427	1612739	1.29	cps
Molybdenum	94-1	2117067	2129613	2109963	2118881	0.47	cps
Molybdenum	95-1	3099496	3076600	3083959	3086685	0.38	cps
Molybdenum	96-1	3392442	3395676	3423937	3404018	0.51	cps
Molybdenum	97-1	1940452	1933268	1911923	1928548	0.77	cps
Molybdenum	98-1	4991499	5023529	5045452	5020160	0.54	cps
Neodymium	150-1	203	223	267	231	14.01	cps
Neodymium	150-2	47	40	30	39	21.57	cps
Nickel	60-2	78192	78045	78062	78100	0.10	cps
Phosphorus	31-2	14410	14287	14287	14328	0.50	cps
Potassium	39-2	1388148	1383203	1368484	1379945	0.74	cps
Rhodium	103-1	3986452	4006699	3937010	3976720	0.90	cps
Rhodium	103-2	2205056	2228136	2224331	2219174	0.56	cps
Scandium	45-1	2447727	2455982	2467137	2456948	0.40	cps
Scandium	45-2	206955	209926	206628	207836	0.87	cps
Selenium	82-1	8208	8452	8370	8344	1.49	cps
Selenium	77-2	767	853	707	776	9.51	cps
Selenium	78-2	2574	2554	2467	2531	2.24	cps
Silicon	28-1	1811708	1803300	1771849	1795619	1.17	cps
Silver	107-1	689336	700238	696163	695246	0.79	cps
Silver	109-1	661925	671417	667225	666856	0.71	cps
Sodium	23-2	3816480	3893513	3807774	3839255	1.23	cps
Strontium	86-1	4461043	4464331	4531464	4485613	0.89	cps
Strontium	88-1	39112155	39406559	39007715	39175477	0.53	cps
Sulfur	34-1	354377	352745	347103	351408	1.09	cps
Terbium	159-1	6965366	7093650	6996855	7018624	0.95	cps
Terbium	159-2	4404803	4534270	4506405	4481826	1.52	cps
Thallium	203-1	711539	716388	723831	717253	0.86	cps
Thallium	205-1	1851620	1879923	1863762	1865102	0.76	cps
Tin	118-1	522761	532513	524746	526674	0.98	cps
Titanium	47-1	805948	806730	805602	806093	0.07	cps

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 13:17:52	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2768583	2856385	2831427	2818798	1.61	cps
Vanadium	51-2	182688	181598	180660	181649	0.56	cps
Yttrium	89-1	6111832	6183626	6221430	6172296	0.90	cps
Yttrium	89-2	1465299	1493255	1484549	1481034	0.97	cps
Zinc	66-2	347438	345282	345065	345928	0.38	cps
Zirconium	90-1	970613	990910	982125	981216	1.04	cps
Zirconium	91-1	218201	219750	220040	219330	0.45	cps

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 13:20:55	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	531689	530232	527685	529869	0.38	cps
Antimony	121-1	1139854	1151451	1153018	1148107	0.63	cps
Arsenic	75-2	45710	44978	44891	45193	1.00	cps
Barium	135-1	1647158	1662353	1645179	1651564	0.57	cps
Barium	137-1	2920805	2920086	2925061	2921984	0.09	cps
Beryllium	9-1	208662	212089	209802	210184	0.83	cps
Bismuth	209-1	4752004	4707154	4717144	4725434	0.50	cps
Bismuth	209-2	3402013	3341387	3364322	3369241	0.91	cps
Bromine	81-1	15879	15979	16266	16041	1.25	cps
Bromine	81-2	37	33	50	40	22.05	cps
Cadmium	108-1	22912	23225	23573	23236	1.42	cps
Cadmium	106-1	36539	38090	37197	37276	2.09	cps
Cadmium	111-1	260140	260850	261678	260890	0.30	cps
Calcium	43-1	342558	343396	342620	342858	0.14	cps
Calcium	44-1	5027083	5075550	5043023	5048552	0.49	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	400889	401615	399047	400517	0.33	cps
Cobalt	59-2	590783	586428	590076	589096	0.40	cps
Copper	63-2	4066727	4042682	4031774	4047061	0.44	cps
Dysprosium	156-1	70	90	67	76	16.70	cps
Dysprosium	156-2	97	83	70	83	16.00	cps
Erbium	164-1	73	63	77	71	9.76	cps
Erbium	164-2	37	20	53	37	45.45	cps
Gadolinium	160-1	67	67	47	60	19.24	cps
Gadolinium	160-2	207	230	293	243	18.43	cps
Holmium	165-1	6839633	6857304	6855760	6850899	0.14	cps
Holmium	165-2	4512955	4447989	4432586	4464510	0.96	cps
Indium	115-1	4407437	4306122	4424145	4379235	1.46	cps
Indium	115-2	1396443	1398413	1387783	1394213	0.41	cps
Iron	56-2	17947220	18033933	18019596	18000250	0.26	cps
Iron	57-2	472949	473213	472324	472829	0.10	cps
Iron	54-2	1054252	1053456	1052257	1053322	0.10	cps
Krypton	83-1	63	73	50	62	18.81	cps

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 13:20:55	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	6279693	6401706	6303569	6328322	1.02	cps
Lead	207-1	5465611	5554789	5611498	5543966	1.33	cps
Lead	208-1	25044766	25306466	25543510	25298248	0.99	cps
Lithium	6-1	955940	955379	950953	954091	0.29	cps
Magnesium	24-2	4740389	4685370	4683235	4702998	0.69	cps
Manganese	55-2	3071736	3058271	3039234	3056413	0.53	cps
Molybdenum	94-1	4101568	4099087	4062554	4087736	0.53	cps
Molybdenum	95-1	5906563	5942293	5892303	5913720	0.44	cps
Molybdenum	96-1	6492587	6490470	6560434	6514497	0.61	cps
Molybdenum	97-1	3752653	3745300	3752850	3750268	0.11	cps
Molybdenum	98-1	9670883	9726759	9565952	9654531	0.85	cps
Neodymium	150-1	400	413	390	401	2.92	cps
Neodymium	150-2	67	53	63	61	11.36	cps
Nickel	60-2	149466	149237	147985	148896	0.54	cps
Phosphorus	31-2	26723	27034	25942	26566	2.12	cps
Potassium	39-2	2595838	2592666	2554199	2580901	0.90	cps
Rhodium	103-1	3800019	3810546	3800721	3803762	0.15	cps
Rhodium	103-2	2154965	2149613	2111238	2138605	1.12	cps
Scandium	45-1	2354955	2371239	2344332	2356842	0.58	cps
Scandium	45-2	201569	199180	199377	200042	0.66	cps
Selenium	82-1	15869	15794	15914	15859	0.38	cps
Selenium	77-2	1403	1350	1447	1400	3.46	cps
Selenium	78-2	4744	5011	4888	4881	2.74	cps
Silicon	28-1	2627990	2672773	2621498	2640754	1.06	cps
Silver	107-1	1340840	1343354	1332764	1338986	0.41	cps
Silver	109-1	1282293	1280959	1288995	1284083	0.34	cps
Sodium	23-2	7427587	7327514	7256037	7337046	1.17	cps
Strontium	86-1	8701578	8806405	8602488	8703491	1.17	cps
Strontium	88-1	76410949	77190781	76234379	76612036	0.66	cps
Sulfur	34-1	383572	380033	377887	380497	0.75	cps
Terbium	159-1	6905373	6893637	7022879	6940630	1.03	cps
Terbium	159-2	4459443	4415731	4395602	4423592	0.74	cps
Thallium	203-1	1413557	1421504	1428913	1421325	0.54	cps
Thallium	205-1	3694031	3730744	3696336	3707037	0.55	cps
Tin	118-1	1024032	1022586	1025544	1024054	0.14	cps
Titanium	47-1	1539085	1547516	1541983	1542861	0.28	cps

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 13:20:55	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	5563286	5621756	5583187	5589410	0.53	cps
Vanadium	51-2	349716	350001	349415	349711	0.08	cps
Yttrium	89-1	6017345	5956816	5886962	5953708	1.10	cps
Yttrium	89-2	1449948	1443831	1444335	1446038	0.23	cps
Zinc	66-2	657998	659911	659953	659287	0.17	cps
Zirconium	90-1	1879151	1873744	1893527	1882141	0.54	cps
Zirconium	91-1	420407	424047	424263	422905	0.51	cps

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 13:23:52	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1038087	1033580	1035967	1035878	0.22	cps
Antimony	121-1	2323358	2327695	2354491	2335181	0.72	cps
Arsenic	75-2	89638	90201	88706	89515	0.84	cps
Barium	135-1	3280203	3282100	3309848	3290717	0.50	cps
Barium	137-1	5779775	5710626	5794976	5761792	0.78	cps
Beryllium	9-1	403477	403886	405939	404434	0.33	cps
Bismuth	209-1	4714126	4763201	4737248	4738192	0.52	cps
Bismuth	209-2	3302344	3308588	3272479	3294470	0.59	cps
Bromine	81-1	15909	15452	15472	15611	1.65	cps
Bromine	81-2	47	47	53	49	7.86	cps
Cadmium	108-1	45508	45591	45190	45430	0.47	cps
Cadmium	106-1	68745	69251	68641	68879	0.47	cps
Cadmium	111-1	505176	511449	511565	509397	0.72	cps
Calcium	43-1	667615	673257	674263	671712	0.53	cps
Calcium	44-1	9623775	9889706	9767554	9760345	1.36	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	790457	787786	786554	788265	0.25	cps
Cobalt	59-2	1153725	1156792	1156861	1155793	0.15	cps
Copper	63-2	7849407	7805569	7840068	7831681	0.29	cps
Dysprosium	156-1	150	143	127	140	8.58	cps
Dysprosium	156-2	153	130	123	136	11.62	cps
Erbium	164-1	63	47	70	60	20.03	cps
Erbium	164-2	43	60	50	51	16.42	cps
Gadolinium	160-1	73	80	47	67	26.45	cps
Gadolinium	160-2	247	270	220	246	10.19	cps
Holmium	165-1	6849069	6924692	6804576	6859446	0.89	cps
Holmium	165-2	4556457	4472961	4454451	4494623	1.21	cps
Indium	115-1	4322488	4339731	4305063	4322428	0.40	cps
Indium	115-2	1379341	1364786	1366109	1370079	0.59	cps
Iron	56-2	35047009	35467174	34784320	35099501	0.98	cps
Iron	57-2	933393	929702	933189	932095	0.22	cps
Iron	54-2	2003948	2014429	2016574	2011650	0.34	cps
Krypton	83-1	90	47	83	73	31.81	cps

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 13:23:52	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	12658065	12671789	12555981	12628612	0.50	cps
Lead	207-1	10912647	11212042	10989653	11038114	1.41	cps
Lead	208-1	50081046	51056785	50420836	50519556	0.98	cps
Lithium	6-1	939117	937907	937292	938105	0.10	cps
Magnesium	24-2	9237955	9272010	9177574	9229180	0.52	cps
Manganese	55-2	6001934	6003002	5989166	5998034	0.13	cps
Molybdenum	94-1	8001601	8090109	8098973	8063561	0.67	cps
Molybdenum	95-1	11820206	11819255	11913055	11850838	0.45	cps
Molybdenum	96-1	12816721	13084352	12909909	12936994	1.05	cps
Molybdenum	97-1	7264608	7483363	7354529	7367500	1.49	cps
Molybdenum	98-1	19173038	19376278	19119480	19222932	0.70	cps
Neodymium	150-1	813	773	710	766	6.81	cps
Neodymium	150-2	133	133	113	127	9.12	cps
Nickel	60-2	287072	286967	287945	287328	0.19	cps
Phosphorus	31-2	52553	52152	51831	52179	0.69	cps
Potassium	39-2	4952900	4950700	4940685	4948095	0.13	cps
Rhodium	103-1	3664887	3710013	3663536	3679479	0.72	cps
Rhodium	103-2	2146947	2074878	2082416	2101414	1.89	cps
Scandium	45-1	2333023	2348985	2300861	2327623	1.05	cps
Scandium	45-2	199049	195534	198289	197624	0.94	cps
Selenium	82-1	30709	30903	31023	30878	0.51	cps
Selenium	77-2	2904	2907	2847	2886	1.17	cps
Selenium	78-2	9693	9009	9496	9400	3.74	cps
Silicon	28-1	4302796	4324701	4386908	4338135	1.01	cps
Silver	107-1	2615115	2672067	2623499	2636894	1.17	cps
Silver	109-1	2505869	2512023	2531594	2516495	0.53	cps
Sodium	23-2	14566517	14384845	14475150	14475504	0.63	cps
Strontium	86-1	17253121	17352731	17294035	17299962	0.29	cps
Strontium	88-1	150575434	150193234	150250671	150339780	0.14	cps
Sulfur	34-1	461486	456524	457601	458537	0.57	cps
Terbium	159-1	6861566	6978021	6895910	6911832	0.87	cps
Terbium	159-2	4423448	4347457	4394231	4388379	0.87	cps
Thallium	203-1	3114434	3087718	3089321	3097157	0.48	cps
Thallium	205-1	7431083	7438899	7463584	7444522	0.23	cps
Tin	118-1	2033366	2059260	2100956	2064527	1.65	cps
Titanium	47-1	2929064	3011224	3014880	2985056	1.63	cps

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 13:23:52	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11237755	11324555	11246574	11269628	0.42	cps
Vanadium	51-2	689950	691548	692286	691261	0.17	cps
Yttrium	89-1	5920658	5966353	5906948	5931319	0.52	cps
Yttrium	89-2	1446670	1429622	1443346	1439879	0.63	cps
Zinc	66-2	1289044	1289711	1288144	1288967	0.06	cps
Zirconium	90-1	3700476	3784287	3746729	3743830	1.12	cps
Zirconium	91-1	838027	844533	842892	841818	0.40	cps

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 13:26:46	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1990543	1970770	1969326	1976880	0.60	cps
Antimony	121-1	4564092	4684426	4608630	4619049	1.32	cps
Arsenic	75-2	176792	175473	176583	176283	0.40	cps
Barium	135-1	6498442	6552335	6520589	6523789	0.42	cps
Barium	137-1	11401814	11572650	11607049	11527171	0.95	cps
Beryllium	9-1	787024	788565	785949	787180	0.17	cps
Bismuth	209-1	4559868	4650629	4662970	4624489	1.22	cps
Bismuth	209-2	3298036	3218971	3206151	3241053	1.54	cps
Bromine	81-1	15869	15889	15635	15797	0.89	cps
Bromine	81-2	40	60	43	48	22.43	cps
Cadmium	108-1	88555	89876	89376	89269	0.75	cps
Cadmium	106-1	131656	133758	134276	133230	1.04	cps
Cadmium	111-1	992543	997647	999114	996435	0.35	cps
Calcium	43-1	1272187	1263140	1305372	1280233	1.74	cps
Calcium	44-1	19525368	19435270	19388113	19449584	0.36	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1539976	1558342	1517705	1538675	1.32	cps
Cobalt	59-2	2275355	2271520	2225839	2257571	1.22	cps
Copper	63-2	15259974	15198851	15168498	15209107	0.31	cps
Dysprosium	156-1	320	277	277	291	8.60	cps
Dysprosium	156-2	237	317	290	281	14.49	cps
Erbium	164-1	117	120	90	109	15.10	cps
Erbium	164-2	77	87	50	71	26.66	cps
Gadolinium	160-1	93	103	80	92	12.69	cps
Gadolinium	160-2	237	277	260	258	7.79	cps
Holmium	165-1	6814298	6922519	6821942	6852919	0.88	cps
Holmium	165-2	4468348	4407251	4388264	4421288	0.95	cps
Indium	115-1	4167405	4239160	4214552	4207039	0.87	cps
Indium	115-2	1343703	1338271	1327031	1336335	0.64	cps
Iron	56-2	69342374	69648104	68768186	69252888	0.65	cps
Iron	57-2	1763931	1770075	1738139	1757382	0.96	cps
Iron	54-2	3911399	3904264	3918854	3911506	0.19	cps
Krypton	83-1	60	83	57	67	21.79	cps

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 13:26:46	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	24601100	25109999	24990409	24900502	1.07	cps
Lead	207-1	21519436	21932671	21973638	21808582	1.15	cps
Lead	208-1	98257954	100579007	100427748	99754903	1.30	cps
Lithium	6-1	922771	921464	920054	921430	0.15	cps
Magnesium	24-2	18192096	18221961	18076202	18163419	0.42	cps
Manganese	55-2	11897944	11910821	11904119	11904295	0.05	cps
Molybdenum	94-1	16044631	16241351	16270000	16185327	0.76	cps
Molybdenum	95-1	23516322	23533532	23564230	23538028	0.10	cps
Molybdenum	96-1	25847325	25971300	25763376	25860667	0.40	cps
Molybdenum	97-1	14757884	14939564	14703855	14800434	0.83	cps
Molybdenum	98-1	38319749	38759179	38146732	38408553	0.82	cps
Neodymium	150-1	1587	1493	1463	1515	4.25	cps
Neodymium	150-2	260	220	240	240	8.34	cps
Nickel	60-2	557262	555269	555945	556159	0.18	cps
Phosphorus	31-2	102990	101440	101178	101869	0.96	cps
Potassium	39-2	9849598	9847478	9806461	9834512	0.25	cps
Rhodium	103-1	3624095	3609498	3566828	3600140	0.83	cps
Rhodium	103-2	2059471	2053576	2023591	2045546	0.94	cps
Scandium	45-1	2274766	2299067	2287281	2287038	0.53	cps
Scandium	45-2	197651	195895	194129	195892	0.90	cps
Selenium	82-1	60014	61253	60652	60640	1.02	cps
Selenium	77-2	5791	5828	5491	5703	3.24	cps
Selenium	78-2	17971	18321	18615	18303	1.76	cps
Silicon	28-1	7607732	7531367	7469586	7536228	0.92	cps
Silver	107-1	5137351	5152975	5184426	5158251	0.46	cps
Silver	109-1	4917620	4924791	4908824	4917078	0.16	cps
Sodium	23-2	28393171	28868017	28188676	28483288	1.22	cps
Strontium	86-1	33867047	34317857	34101379	34095428	0.66	cps
Strontium	88-1	300274709	302833795	302778409	301962304	0.48	cps
Sulfur	34-1	634511	633866	632639	633672	0.15	cps
Terbium	159-1	6878991	6948917	7036117	6954675	1.13	cps
Terbium	159-2	4381481	4328418	4279353	4329751	1.18	cps
Thallium	203-1	6078338	6116111	6074673	6089707	0.38	cps
Thallium	205-1	14537385	14860427	14704165	14700659	1.10	cps
Tin	118-1	4114822	4132225	4082895	4109980	0.61	cps
Titanium	47-1	5938092	5951906	5950234	5946744	0.13	cps

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 13:26:46	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	22402464	22739384	22550859	22564235	0.75	cps
Vanadium	51-2	1367104	1363599	1351933	1360878	0.58	cps
Yttrium	89-1	5851130	5870383	5933602	5885038	0.73	cps
Yttrium	89-2	1440394	1433218	1415914	1429842	0.88	cps
Zinc	66-2	2506537	2494563	2513401	2504834	0.38	cps
Zirconium	90-1	7381860	7512662	7431150	7441891	0.89	cps
Zirconium	91-1	1679863	1670651	1657270	1669261	0.68	cps

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 13:29:31	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10053107	10169323	10078627	10100352	0.60	cps
Antimony	121-1	3604	3614	3824	3681	3.38	cps
Arsenic	75-2	167	137	143	149	10.58	cps
Barium	135-1	3287	3127	2834	3083	7.46	cps
Barium	137-1	5675	5194	5071	5313	6.00	cps
Beryllium	9-1	1030	963	900	964	6.74	cps
Bismuth	209-1	3997194	4021461	4043688	4020781	0.58	cps
Bismuth	209-2	2864584	2859756	2864231	2862857	0.09	cps
Bromine	81-1	17093	16112	15962	16389	3.75	cps
Bromine	81-2	43	27	63	44	41.30	cps
Cadmium	108-1	167	133	123	141	16.08	cps
Cadmium	106-1	3937	3917	3791	3882	2.05	cps
Cadmium	111-1	760	748	676	728	6.26	cps
Calcium	43-1	5764593	5826460	5784261	5791771	0.55	cps
Calcium	44-1	92115572	93181495	93545985	92947684	0.80	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	22834	23385	23078	23099	1.19	cps
Cobalt	59-2	7068	7115	7195	7126	0.90	cps
Copper	63-2	9083	8989	8679	8917	2.37	cps
Dysprosium	156-1	287	330	233	283	17.09	cps
Dysprosium	156-2	173	157	163	164	5.10	cps
Erbium	164-1	203	197	227	209	7.54	cps
Erbium	164-2	117	117	130	121	6.35	cps
Gadolinium	160-1	223	243	223	230	5.02	cps
Gadolinium	160-2	327	297	333	319	6.13	cps
Holmium	165-1	6480372	6413651	6452558	6448860	0.52	cps
Holmium	165-2	4243862	4254995	4218928	4239262	0.44	cps
Indium	115-1	4105283	4049357	4083707	4079449	0.69	cps
Indium	115-2	1306391	1312388	1303587	1307455	0.34	cps
Iron	56-2	342143822	339704348	341326222	341058130	0.36	cps
Iron	57-2	8570418	8529215	8595428	8565020	0.39	cps
Iron	54-2	19037746	18753354	18974110	18921736	0.79	cps
Krypton	83-1	67	50	77	64	20.91	cps

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 13:29:31	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	10548	10264	9437	10083	5.72	cps
Lead	207-1	9690	9033	8409	9044	7.08	cps
Lead	208-1	43555	40781	38205	40847	6.55	cps
Lithium	6-1	887191	905234	910637	901021	1.36	cps
Magnesium	24-2	90935419	92272265	91567352	91591679	0.73	cps
Manganese	55-2	9126	9056	9140	9107	0.49	cps
Molybdenum	94-1	10771	10454	9640	10288	5.67	cps
Molybdenum	95-1	16002	15922	14427	15450	5.74	cps
Molybdenum	96-1	18916	18305	16643	17954	6.55	cps
Molybdenum	97-1	9490	9567	8833	9296	4.34	cps
Molybdenum	98-1	24921	24294	22320	23845	5.69	cps
Neodymium	150-1	113	113	110	112	1.72	cps
Neodymium	150-2	50	53	47	50	6.66	cps
Nickel	60-2	7552	7369	7435	7452	1.25	cps
Phosphorus	31-2	550	590	543	561	4.50	cps
Potassium	39-2	49239931	50183481	49675113	49699508	0.95	cps
Rhodium	103-1	3304566	3311917	3307689	3308057	0.11	cps
Rhodium	103-2	1854024	1854169	1831787	1846660	0.70	cps
Scandium	45-1	2236943	2303481	2323521	2287982	1.98	cps
Scandium	45-2	195044	198846	194622	196171	1.19	cps
Selenium	82-1	222	311	234	256	18.70	cps
Selenium	77-2	3	7	10	7	50.03	cps
Selenium	78-2	97	83	97	92	8.35	cps
Silicon	28-1	937113	1157684	1162386	1085728	11.86	cps
Silver	107-1	1613	1483	1400	1499	7.17	cps
Silver	109-1	1527	1360	1313	1400	8.01	cps
Sodium	23-2	142982258	145051458	144668465	144234060	0.76	cps
Strontium	86-1	11148	10821	9300	10423	9.46	cps
Strontium	88-1	98634	92589	83184	91469	8.51	cps
Sulfur	34-1	285473	293245	293676	290798	1.59	cps
Terbium	159-1	6444773	6633764	6494288	6524275	1.50	cps
Terbium	159-2	4127917	4174296	4193543	4165252	0.81	cps
Thallium	203-1	1687	1500	1193	1460	17.06	cps
Thallium	205-1	3974	3404	3050	3476	13.41	cps
Tin	118-1	4457	4514	4382	4451	1.48	cps
Titanium	47-1	2050	1930	1760	1913	7.62	cps

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 13:29:31	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	4144	3491	3154	3596	14.00	cps
Vanadium	51-2	780	650	800	743	10.96	cps
Yttrium	89-1	5662891	5728979	5713753	5701874	0.61	cps
Yttrium	89-2	1395388	1397454	1394537	1395793	0.11	cps
Zinc	66-2	1820	1877	1983	1893	4.38	cps
Zirconium	90-1	4988	5014	4507	4836	5.90	cps
Zirconium	91-1	1157	1057	1050	1088	5.49	cps

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 13:46:28	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	53567	53262	53118	53316	0.43	cps
Antimony	121-1	897162	908289	908275	904575	0.71	cps
Arsenic	75-2	36679	36211	35713	36201	1.33	cps
Barium	135-1	125490	127295	127340	126708	0.83	cps
Barium	137-1	220243	222693	221883	221606	0.56	cps
Beryllium	9-1	82983	82460	82279	82574	0.44	cps
Bismuth	209-1	4684490	4790506	4769382	4748126	1.18	cps
Bismuth	209-2	3382637	3375165	3349150	3368984	0.52	cps
Bromine	81-1	15955	15905	15869	15910	0.27	cps
Bromine	81-2	30	47	27	34	31.11	cps
Cadmium	108-1	18051	17881	18288	18074	1.13	cps
Cadmium	106-1	32109	33499	32296	32634	2.31	cps
Cadmium	111-1	104986	104985	106784	105585	0.98	cps
Calcium	43-1	26303	27047	26456	26602	1.48	cps
Calcium	44-1	425232	429663	424503	426466	0.65	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	162683	162232	160376	161764	0.76	cps
Cobalt	59-2	242525	241419	240202	241382	0.48	cps
Copper	63-2	163199	163505	162680	163128	0.26	cps
Dysprosium	156-1	17	23	20	20	16.65	cps
Dysprosium	156-2	23	3	7	11	96.43	cps
Erbium	164-1	47	60	60	56	13.85	cps
Erbium	164-2	47	30	40	39	21.57	cps
Gadolinium	160-1	60	40	70	57	26.96	cps
Gadolinium	160-2	197	190	193	193	1.72	cps
Holmium	165-1	6730821	6695402	6717363	6714529	0.27	cps
Holmium	165-2	4337176	4420633	4361786	4373198	0.98	cps
Indium	115-1	4261204	4306681	4303808	4290565	0.59	cps
Indium	115-2	1370628	1362707	1364349	1365895	0.31	cps
Iron	56-2	2812256	2836238	2815338	2821277	0.46	cps
Iron	57-2	75019	74071	74115	74402	0.72	cps
Iron	54-2	170344	169849	169246	169813	0.32	cps
Krypton	83-1	93	37	57	62	46.18	cps

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 13:46:28	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	957772	976032	975195	969666	1.06	cps
Lead	207-1	806346	821083	818764	815397	0.97	cps
Lead	208-1	3940424	4028334	4014501	3994420	1.18	cps
Lithium	6-1	933763	934244	929885	932631	0.26	cps
Magnesium	24-2	216318	218060	214557	216312	0.81	cps
Manganese	55-2	125854	124822	123478	124718	0.96	cps
Molybdenum	94-1	7387491	7548479	7458158	7464709	1.08	cps
Molybdenum	95-1	10639814	10546506	10666645	10617655	0.59	cps
Molybdenum	96-1	11642722	11604843	11666470	11638012	0.27	cps
Molybdenum	97-1	6639901	6684936	6637997	6654278	0.40	cps
Molybdenum	98-1	17104639	17180498	17261764	17182300	0.46	cps
Neodymium	150-1	43	43	40	42	4.55	cps
Neodymium	150-2	13	3	13	10	57.75	cps
Nickel	60-2	61057	61465	61733	61418	0.55	cps
Phosphorus	31-2	520	403	517	480	13.84	cps
Potassium	39-2	492790	487750	487918	489486	0.58	cps
Rhodium	103-1	3810511	3762174	3757560	3776748	0.78	cps
Rhodium	103-2	2135625	2114067	2129466	2126386	0.52	cps
Scandium	45-1	2289761	2321503	2295339	2302201	0.74	cps
Scandium	45-2	198657	195145	196199	196667	0.92	cps
Selenium	82-1	12963	12779	13167	12969	1.50	cps
Selenium	77-2	1097	1090	1107	1098	0.76	cps
Selenium	78-2	3771	3907	3997	3892	2.93	cps
Silicon	28-1	2124974	2157957	2164410	2149114	0.98	cps
Silver	107-1	265884	269207	270184	268425	0.84	cps
Silver	109-1	250377	256046	252465	252963	1.13	cps
Sodium	23-2	622788	616219	621706	620238	0.57	cps
Strontium	86-1	723295	730069	729364	727576	0.51	cps
Strontium	88-1	6389379	6497964	6438849	6442064	0.84	cps
Sulfur	34-1	300411	295456	291315	295728	1.54	cps
Terbium	159-1	6709961	6845212	6878747	6811307	1.31	cps
Terbium	159-2	4397329	4289869	4316344	4334514	1.29	cps
Thallium	203-1	1165502	1186184	1183744	1178477	0.96	cps
Thallium	205-1	3095724	3125040	3099643	3106802	0.51	cps
Tin	118-1	2147366	2164425	2166281	2159357	0.48	cps
Titanium	47-1	2721999	2723954	2709772	2718575	0.28	cps

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 13:46:28	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	12059066	12369775	12352217	12260353	1.42	cps
Vanadium	51-2	137526	135925	137785	137079	0.73	cps
Yttrium	89-1	5852858	5873872	5872274	5866334	0.20	cps
Yttrium	89-2	1419658	1408390	1411675	1413241	0.41	cps
Zinc	66-2	52007	51943	52315	52088	0.38	cps
Zirconium	90-1	3854790	3804295	3869415	3842833	0.89	cps
Zirconium	91-1	854109	863062	862994	860055	0.60	cps

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 14:07:08	DataFile Name :	015LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2120	2157	2140	2139	0.86	cps
Antimony	121-1	9070	8766	8719	8852	2.15	cps
Arsenic	75-2	180	170	183	178	3.90	cps
Barium	135-1	11965	11982	12252	12066	1.33	cps
Barium	137-1	21162	21139	21109	21137	0.13	cps
Beryllium	9-1	987	973	947	969	2.10	cps
Bismuth	209-1	4853109	4842224	4820871	4838734	0.34	cps
Bismuth	209-2	3380264	3385259	3428881	3398135	0.79	cps
Bromine	81-1	17444	17400	17107	17317	1.06	cps
Bromine	81-2	43	27	50	40	30.04	cps
Cadmium	108-1	113	83	90	96	16.49	cps
Cadmium	106-1	3961	4064	3967	3997	1.45	cps
Cadmium	111-1	1380	1541	1354	1425	7.13	cps
Calcium	43-1	6138	6171	6508	6272	3.26	cps
Calcium	44-1	115425	116866	117219	116503	0.82	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3537	3797	3630	3655	3.60	cps
Cobalt	59-2	2434	2384	2584	2467	4.22	cps
Copper	63-2	3851	4107	3921	3959	3.35	cps
Dysprosium	156-1	3	20	7	10	88.20	cps
Dysprosium	156-2	3	10	7	7	50.03	cps
Erbium	164-1	33	47	37	39	17.85	cps
Erbium	164-2	20	23	3	16	68.90	cps
Gadolinium	160-1	37	50	47	44	15.61	cps
Gadolinium	160-2	220	220	220	220	0.00	cps
Holmium	165-1	6769729	6793901	6850556	6804728	0.61	cps
Holmium	165-2	4426943	4395794	4469549	4430762	0.84	cps
Indium	115-1	4476885	4464603	4481106	4474198	0.19	cps
Indium	115-2	1420830	1414845	1420823	1418833	0.24	cps
Iron	56-2	88605	87774	86882	87754	0.98	cps
Iron	57-2	2380	2334	2370	2361	1.04	cps
Iron	54-2	5855	6038	6025	5972	1.71	cps
Krypton	83-1	57	67	70	64	10.76	cps

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 14:07:08	DataFile Name :	015LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4908	4577	4704	4730	3.52	cps
Lead	207-1	4191	4341	4074	4202	3.18	cps
Lead	208-1	19562	18982	19219	19254	1.52	cps
Lithium	6-1	945250	945690	949309	946750	0.24	cps
Magnesium	24-2	95246	92780	93824	93950	1.32	cps
Manganese	55-2	1840	1687	1743	1757	4.41	cps
Molybdenum	94-1	8783	8673	8859	8772	1.07	cps
Molybdenum	95-1	11271	11091	11218	11193	0.83	cps
Molybdenum	96-1	11822	11905	11718	11815	0.79	cps
Molybdenum	97-1	6818	6628	6898	6782	2.05	cps
Molybdenum	98-1	17264	17204	17434	17300	0.69	cps
Neodymium	150-1	3	3	0	2	86.60	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	1183	993	1140	1106	9.01	cps
Phosphorus	31-2	583	707	630	640	9.73	cps
Potassium	39-2	187935	186602	187088	187208	0.36	cps
Rhodium	103-1	3870795	3899218	3898710	3889574	0.42	cps
Rhodium	103-2	2201915	2208460	2173671	2194682	0.84	cps
Scandium	45-1	2386318	2358444	2359635	2368132	0.67	cps
Scandium	45-2	203893	201774	202379	202682	0.54	cps
Selenium	82-1	514	525	452	497	7.86	cps
Selenium	77-2	27	37	40	34	20.14	cps
Selenium	78-2	173	170	230	191	17.64	cps
Silicon	28-1	611068	607703	610827	609866	0.31	cps
Silver	107-1	5204	5284	5231	5240	0.78	cps
Silver	109-1	4724	4851	4931	4835	2.16	cps
Sodium	23-2	168692	168837	170408	169312	0.56	cps
Strontium	86-1	1490	1497	1473	1487	0.81	cps
Strontium	88-1	12849	13283	12906	13013	1.81	cps
Sulfur	34-1	301314	298813	300150	300093	0.42	cps
Terbium	159-1	6916358	6912752	6873321	6900810	0.35	cps
Terbium	159-2	4436611	4461509	4361277	4419799	1.18	cps
Thallium	203-1	5458	5728	5665	5617	2.51	cps
Thallium	205-1	13073	13230	13884	13396	3.21	cps
Tin	118-1	19927	19590	19713	19743	0.86	cps
Titanium	47-1	2747	2804	2824	2791	1.43	cps

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P7
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 14:07:08	DataFile Name :	015LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	18687	19361	19010	19019	1.77	cps
Vanadium	51-2	6932	6975	6895	6934	0.58	cps
Yttrium	89-1	5891608	5978514	5968977	5946366	0.80	cps
Yttrium	89-2	1470029	1458815	1457559	1462134	0.47	cps
Zinc	66-2	1460	1670	1640	1590	7.14	cps
Zirconium	90-1	7235	7642	7659	7512	3.19	cps
Zirconium	91-1	1537	1600	1673	1603	4.27	cps

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 14:10:30	DataFile Name :	016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	60	20	80	53	57.28	cps
Antimony	121-1	87	90	117	98	16.82	cps
Arsenic	75-2	7	3	7	6	34.70	cps
Barium	135-1	37	40	47	41	12.39	cps
Barium	137-1	83	43	57	61	33.33	cps
Beryllium	9-1	137	153	177	156	12.92	cps
Bismuth	209-1	4808883	4747883	4811089	4789285	0.75	cps
Bismuth	209-2	3429172	3436790	3424136	3430033	0.19	cps
Bromine	81-1	17127	17320	17310	17252	0.63	cps
Bromine	81-2	83	47	33	54	47.55	cps
Cadmium	108-1	23	0	10	11	105.35	cps
Cadmium	106-1	3691	3857	4257	3935	7.40	cps
Cadmium	111-1	363	399	432	398	8.72	cps
Calcium	43-1	203	187	217	202	7.43	cps
Calcium	44-1	19306	19670	19539	19505	0.95	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	380	300	370	350	12.45	cps
Cobalt	59-2	80	120	93	98	20.83	cps
Copper	63-2	783	790	727	767	4.54	cps
Dysprosium	156-1	10	3	10	8	49.52	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	50	57	33	47	25.76	cps
Erbium	164-2	40	30	30	33	17.32	cps
Gadolinium	160-1	20	23	43	29	43.68	cps
Gadolinium	160-2	227	273	233	244	10.33	cps
Holmium	165-1	6744890	6757243	6820474	6774202	0.60	cps
Holmium	165-2	4517817	4406641	4485200	4469886	1.28	cps
Indium	115-1	4422131	4410753	4488235	4440373	0.94	cps
Indium	115-2	1424200	1426891	1436355	1429149	0.45	cps
Iron	56-2	13403	13176	13276	13285	0.86	cps
Iron	57-2	507	527	463	499	6.49	cps
Iron	54-2	1693	1663	1767	1708	3.11	cps
Krypton	83-1	40	57	57	51	18.83	cps

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 14:10:30	DataFile Name :	016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	407	437	373	406	7.81	cps
Lead	207-1	303	397	323	341	14.41	cps
Lead	208-1	1550	1547	1587	1561	1.42	cps
Lithium	6-1	943130	944434	943034	943533	0.08	cps
Magnesium	24-2	1040	1067	997	1034	3.42	cps
Manganese	55-2	540	447	557	514	11.52	cps
Molybdenum	94-1	413	350	357	373	9.32	cps
Molybdenum	95-1	717	683	710	703	2.51	cps
Molybdenum	96-1	333	343	347	341	2.03	cps
Molybdenum	97-1	290	220	260	257	13.68	cps
Molybdenum	98-1	557	477	460	498	10.38	cps
Neodymium	150-1	3	0	3	2	86.60	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	550	453	453	486	11.49	cps
Phosphorus	31-2	510	473	490	491	3.74	cps
Potassium	39-2	85669	85525	86417	85870	0.56	cps
Rhodium	103-1	3867707	3914974	3949607	3910763	1.05	cps
Rhodium	103-2	2250213	2211354	2207652	2223073	1.06	cps
Scandium	45-1	2370552	2367119	2380937	2372869	0.30	cps
Scandium	45-2	202689	203919	203412	203340	0.30	cps
Selenium	82-1	219	198	229	215	7.36	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	107	80	103	97	15.03	cps
Silicon	28-1	595111	593183	598062	595452	0.41	cps
Silver	107-1	140	130	123	131	6.40	cps
Silver	109-1	80	87	73	80	8.34	cps
Sodium	23-2	21165	21241	21418	21275	0.61	cps
Strontium	86-1	190	213	153	186	16.30	cps
Strontium	88-1	1020	1037	1000	1019	1.80	cps
Sulfur	34-1	299292	298293	300497	299361	0.37	cps
Terbium	159-1	6850751	6896304	6865660	6870905	0.34	cps
Terbium	159-2	4483309	4378759	4376787	4412952	1.38	cps
Thallium	203-1	130	90	153	124	25.74	cps
Thallium	205-1	243	307	273	274	11.54	cps
Tin	118-1	1074	971	1014	1019	5.09	cps
Titanium	47-1	87	83	87	86	2.25	cps

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 14:10:30	DataFile Name :	016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	73	70	47	63	22.94	cps
Vanadium	51-2	47	17	13	26	71.84	cps
Yttrium	89-1	5950800	5984366	6015960	5983709	0.54	cps
Yttrium	89-2	1441102	1470364	1458383	1456616	1.01	cps
Zinc	66-2	183	250	270	234	19.36	cps
Zirconium	90-1	327	277	273	292	10.22	cps
Zirconium	91-1	67	37	63	56	29.59	cps

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 14:13:50	DataFile Name :	017ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9038838	9110333	9146652	9098608	0.60	cps
Antimony	121-1	4984	5061	5244	5097	2.62	cps
Arsenic	75-2	80	53	80	71	21.65	cps
Barium	135-1	1870	1800	1860	1843	2.05	cps
Barium	137-1	3140	3137	2950	3076	3.54	cps
Beryllium	9-1	333	370	317	340	8.03	cps
Bismuth	209-1	4459928	4511230	4562178	4511112	1.13	cps
Bismuth	209-2	3167066	3145109	3165443	3159206	0.39	cps
Bromine	81-1	17214	17177	17447	17279	0.85	cps
Bromine	81-2	50	70	70	63	18.23	cps
Cadmium	108-1	1583	1570	1413	1522	6.21	cps
Cadmium	106-1	3530	3697	3737	3655	3.00	cps
Cadmium	111-1	855	947	1091	964	12.35	cps
Calcium	43-1	1153494	1153245	1137116	1147952	0.82	cps
Calcium	44-1	17680270	17384255	17227117	17430547	1.32	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	29609	30979	29893	30160	2.40	cps
Cobalt	59-2	2890	2684	2960	2845	5.06	cps
Copper	63-2	12048	12405	12485	12313	1.89	cps
Dysprosium	156-1	33	47	60	47	28.58	cps
Dysprosium	156-2	20	17	10	16	32.73	cps
Erbium	164-1	60	80	107	82	28.48	cps
Erbium	164-2	53	27	30	37	39.62	cps
Gadolinium	160-1	43	53	73	57	26.96	cps
Gadolinium	160-2	207	213	247	222	9.64	cps
Holmium	165-1	6736330	6842206	6857666	6812068	0.97	cps
Holmium	165-2	4406851	4406355	4399626	4404277	0.09	cps
Indium	115-1	4152755	4235362	4227395	4205171	1.08	cps
Indium	115-2	1323698	1320329	1318019	1320682	0.22	cps
Iron	56-2	131719005	131019921	131047838	131262255	0.30	cps
Iron	57-2	3231395	3245180	3272260	3249612	0.64	cps
Iron	54-2	7239471	7270506	7226738	7245571	0.31	cps
Krypton	83-1	70	50	83	68	24.75	cps

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 14:13:50	DataFile Name :	017ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	22332	21681	21941	21985	1.49	cps
Lead	207-1	17515	17561	16757	17278	2.61	cps
Lead	208-1	83670	82210	80786	82222	1.75	cps
Lithium	6-1	895890	880075	883910	886625	0.93	cps
Magnesium	24-2	15667586	15529779	15523637	15573668	0.52	cps
Manganese	55-2	9443	9660	9506	9536	1.17	cps
Molybdenum	94-1	2325386	2354606	2300884	2326959	1.16	cps
Molybdenum	95-1	4084847	4071145	4077094	4077695	0.17	cps
Molybdenum	96-1	4418110	4438100	4400730	4418980	0.42	cps
Molybdenum	97-1	2559353	2602073	2549752	2570393	1.08	cps
Molybdenum	98-1	6508406	6668293	6589771	6588823	1.21	cps
Neodymium	150-1	20	30	13	21	39.75	cps
Neodymium	150-2	23	10	13	16	44.60	cps
Nickel	60-2	3404	3310	2990	3235	6.70	cps
Phosphorus	31-2	468258	465931	467907	467365	0.27	cps
Potassium	39-2	18164708	17922828	17893256	17993597	0.83	cps
Rhodium	103-1	3488227	3566530	3551283	3535347	1.17	cps
Rhodium	103-2	1968590	1998555	1963142	1976763	0.96	cps
Scandium	45-1	2222018	2221850	2242086	2228651	0.52	cps
Scandium	45-2	186681	187420	187005	187035	0.20	cps
Selenium	82-1	151	178	193	174	12.30	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	103	67	107	92	24.06	cps
Silicon	28-1	715672	718504	726536	720237	0.78	cps
Silver	107-1	357	387	353	366	5.02	cps
Silver	109-1	333	337	347	339	2.05	cps
Sodium	23-2	26473159	26705625	26482425	26553737	0.50	cps
Strontium	86-1	46343	46460	45661	46154	0.93	cps
Strontium	88-1	404917	407457	407729	406701	0.38	cps
Sulfur	34-1	2076835	2053466	2034138	2054813	1.04	cps
Terbium	159-1	6880024	6978960	6952841	6937275	0.74	cps
Terbium	159-2	4349072	4326803	4313697	4329857	0.41	cps
Thallium	203-1	813	857	890	853	4.50	cps
Thallium	205-1	1643	2107	2287	2012	16.50	cps
Tin	118-1	2089	2161	2034	2095	3.03	cps
Titanium	47-1	1079627	1070517	1057627	1069257	1.03	cps

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 14:13:50	DataFile Name :	017ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	387	370	410	389	5.17	cps
Vanadium	51-2	380	390	437	402	7.52	cps
Yttrium	89-1	5854521	5837469	5758470	5816820	0.88	cps
Yttrium	89-2	1383920	1386608	1385220	1385249	0.10	cps
Zinc	66-2	3167	2897	2750	2938	7.19	cps
Zirconium	90-1	287	347	363	332	12.14	cps
Zirconium	91-1	83	70	83	79	9.76	cps

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 14:16:59	DataFile Name :	018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8929976	8941347	8911320	8927548	0.17	cps
Antimony	121-1	92354	92978	93176	92836	0.46	cps
Arsenic	75-2	3554	3414	3527	3498	2.13	cps
Barium	135-1	26117	26151	27153	26474	2.22	cps
Barium	137-1	45319	46432	46091	45947	1.24	cps
Beryllium	9-1	14874	14684	14877	14812	0.75	cps
Bismuth	209-1	4551855	4613417	4542573	4569281	0.84	cps
Bismuth	209-2	3330815	3092934	3158242	3193997	3.85	cps
Bromine	81-1	17290	17400	17534	17408	0.70	cps
Bromine	81-2	67	100	93	87	20.35	cps
Cadmium	108-1	3400	3267	3534	3400	3.92	cps
Cadmium	106-1	7165	6878	7235	7093	2.67	cps
Cadmium	111-1	20437	20154	20314	20301	0.70	cps
Calcium	43-1	1109784	1117078	1119286	1115383	0.45	cps
Calcium	44-1	16791308	17032831	16961239	16928459	0.73	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	58941	59142	58617	58900	0.45	cps
Cobalt	59-2	45435	45917	46044	45798	0.70	cps
Copper	63-2	40785	40572	40983	40780	0.50	cps
Dysprosium	156-1	27	30	27	28	6.92	cps
Dysprosium	156-2	13	17	17	16	12.40	cps
Erbium	164-1	80	60	87	76	18.37	cps
Erbium	164-2	23	47	57	42	40.52	cps
Gadolinium	160-1	40	40	83	54	45.95	cps
Gadolinium	160-2	250	227	263	247	7.52	cps
Holmium	165-1	6818606	6906487	6980203	6901765	1.17	cps
Holmium	165-2	4669425	4219671	4456453	4448516	5.06	cps
Indium	115-1	4197531	4230392	4180388	4202770	0.60	cps
Indium	115-2	1393449	1273726	1318523	1328566	4.55	cps
Iron	56-2	128479911	128200861	129572528	128751100	0.56	cps
Iron	57-2	3247020	3213362	3227500	3229294	0.52	cps
Iron	54-2	7054040	7142032	7076236	7090769	0.65	cps
Krypton	83-1	67	80	37	61	36.31	cps

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 14:16:59	DataFile Name :	018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	115929	117949	117284	117054	0.88	cps
Lead	207-1	99162	99793	99010	99321	0.42	cps
Lead	208-1	454447	458658	457974	457026	0.49	cps
Lithium	6-1	857637	861180	858576	859131	0.21	cps
Magnesium	24-2	15383513	15300828	15249323	15311221	0.44	cps
Manganese	55-2	31757	32004	32014	31925	0.46	cps
Molybdenum	94-1	2461904	2497409	2500412	2486575	0.86	cps
Molybdenum	95-1	4132542	4164650	4153603	4150265	0.39	cps
Molybdenum	96-1	4437296	4471712	4426595	4445201	0.53	cps
Molybdenum	97-1	2567083	2649488	2569512	2595361	1.81	cps
Molybdenum	98-1	6656592	6669525	6682574	6669564	0.19	cps
Neodymium	150-1	60	17	33	37	59.61	cps
Neodymium	150-2	7	10	0	6	91.64	cps
Nickel	60-2	13446	14120	14457	14008	3.67	cps
Phosphorus	31-2	459602	460657	463195	461151	0.40	cps
Potassium	39-2	17622763	17565846	17993080	17727230	1.31	cps
Rhodium	103-1	3474173	3518667	3496245	3496362	0.64	cps
Rhodium	103-2	2114557	1927826	2004940	2015775	4.66	cps
Scandium	45-1	2138508	2144675	2178420	2153868	1.00	cps
Scandium	45-2	196321	181181	187200	188234	4.05	cps
Selenium	82-1	1336	1373	1284	1331	3.35	cps
Selenium	77-2	97	117	107	107	9.37	cps
Selenium	78-2	363	423	440	409	9.86	cps
Silicon	28-1	839777	842219	847626	843207	0.48	cps
Silver	107-1	95783	94230	97333	95782	1.62	cps
Silver	109-1	92026	92546	93036	92536	0.55	cps
Sodium	23-2	26136750	26159165	26181780	26159232	0.09	cps
Strontium	86-1	112146	113755	113248	113050	0.73	cps
Strontium	88-1	990368	993046	998964	994126	0.44	cps
Sulfur	34-1	1943439	1940014	1971886	1951779	0.90	cps
Terbium	159-1	6896830	6934252	6869960	6900347	0.47	cps
Terbium	159-2	4607181	4214404	4423429	4415005	4.45	cps
Thallium	203-1	117538	119360	118661	118520	0.78	cps
Thallium	205-1	282439	285040	284559	284013	0.49	cps
Tin	118-1	195617	197440	196625	196560	0.46	cps
Titanium	47-1	1056024	1062659	1059905	1059529	0.31	cps

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 14:16:59	DataFile Name :	018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	995490	1003442	1011695	1003542	0.81	cps
Vanadium	51-2	26029	26216	25468	25905	1.50	cps
Yttrium	89-1	5823857	5739070	5713101	5758676	1.01	cps
Yttrium	89-2	1463748	1335844	1387901	1395831	4.61	cps
Zinc	66-2	7709	7505	7549	7588	1.41	cps
Zirconium	90-1	360668	362185	361270	361374	0.21	cps
Zirconium	91-1	79537	80264	80724	80175	0.75	cps

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P7
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 14:20:06	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4753404	4676734	4734693	4721610	0.85	cps
Antimony	121-1	2235952	2276133	2212053	2241379	1.44	cps
Arsenic	75-2	84884	84036	83855	84258	0.65	cps
Barium	135-1	3234251	3265481	3216507	3238746	0.77	cps
Barium	137-1	5609712	5672376	5628340	5636809	0.57	cps
Beryllium	9-1	364986	372317	372102	369801	1.13	cps
Bismuth	209-1	4341300	4332101	4393913	4355771	0.77	cps
Bismuth	209-2	3039364	3029977	3009998	3026446	0.50	cps
Bromine	81-1	16883	16803	16693	16793	0.57	cps
Bromine	81-2	37	53	30	40	30.04	cps
Cadmium	108-1	43171	43007	44104	43427	1.36	cps
Cadmium	106-1	64174	66404	65832	65470	1.77	cps
Cadmium	111-1	471155	478602	473160	474305	0.81	cps
Calcium	43-1	2777947	2855200	2789807	2807651	1.48	cps
Calcium	44-1	44414504	45006686	44651801	44690997	0.67	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	758641	759568	754978	757729	0.32	cps
Cobalt	59-2	1074409	1079304	1071773	1075162	0.36	cps
Copper	63-2	7648683	7635789	7632548	7639007	0.11	cps
Dysprosium	156-1	233	200	260	231	13.01	cps
Dysprosium	156-2	250	200	193	214	14.44	cps
Erbium	164-1	153	113	147	138	15.55	cps
Erbium	164-2	110	83	100	98	13.78	cps
Gadolinium	160-1	130	100	153	128	20.93	cps
Gadolinium	160-2	290	253	263	269	7.05	cps
Holmium	165-1	6797808	6730116	6731088	6753004	0.57	cps
Holmium	165-2	4301985	4337233	4319657	4319625	0.41	cps
Indium	115-1	4092174	4124272	4168431	4128293	0.93	cps
Indium	115-2	1285210	1278582	1283783	1282525	0.27	cps
Iron	56-2	164238714	165441741	164594354	164758270	0.38	cps
Iron	57-2	4102382	4141882	4119847	4121370	0.48	cps
Iron	54-2	9035594	9059433	9034788	9043271	0.15	cps
Krypton	83-1	77	70	57	68	15.02	cps

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P7
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 14:20:06	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	11980635	12255096	12224890	12153540	1.24	cps
Lead	207-1	10589412	10672587	10681633	10647877	0.48	cps
Lead	208-1	47954756	48848132	48874954	48559281	1.08	cps
Lithium	6-1	850657	856471	852192	853107	0.35	cps
Magnesium	24-2	42713216	43029033	42642403	42794884	0.48	cps
Manganese	55-2	5708722	5728533	5707283	5714846	0.21	cps
Molybdenum	94-1	7927212	8120814	8068366	8038797	1.25	cps
Molybdenum	95-1	11589664	11714277	11632343	11645428	0.54	cps
Molybdenum	96-1	12867303	12970092	12818822	12885406	0.60	cps
Molybdenum	97-1	7395182	7398529	7427004	7406905	0.24	cps
Molybdenum	98-1	18856913	19098707	19137097	19030906	0.80	cps
Neodymium	150-1	803	913	870	862	6.43	cps
Neodymium	150-2	170	177	140	162	12.04	cps
Nickel	60-2	265647	264633	265321	265200	0.20	cps
Phosphorus	31-2	49510	49727	49754	49664	0.27	cps
Potassium	39-2	23335341	23386426	23328904	23350224	0.13	cps
Rhodium	103-1	3459681	3480121	3428416	3456073	0.75	cps
Rhodium	103-2	1947961	1930707	1903631	1927433	1.16	cps
Scandium	45-1	2190458	2220967	2199679	2203701	0.71	cps
Scandium	45-2	186370	187474	187663	187169	0.37	cps
Selenium	82-1	28778	29188	29184	29050	0.81	cps
Selenium	77-2	2594	2404	2684	2560	5.58	cps
Selenium	78-2	8489	8856	8929	8758	2.69	cps
Silicon	28-1	4320248	4407012	4447755	4391672	1.48	cps
Silver	107-1	2489381	2455002	2433574	2459319	1.14	cps
Silver	109-1	2397115	2426615	2345278	2389669	1.72	cps
Sodium	23-2	67991211	67331679	67848102	67723664	0.51	cps
Strontium	86-1	16820678	17034509	16903698	16919628	0.64	cps
Strontium	88-1	146239134	149921931	149503801	148554956	1.36	cps
Sulfur	34-1	443428	446963	446805	445732	0.45	cps
Terbium	159-1	6788486	6842827	6820482	6817265	0.40	cps
Terbium	159-2	4254511	4195082	4263919	4237837	0.88	cps
Thallium	203-1	2982478	2998658	2969297	2983478	0.49	cps
Thallium	205-1	7087819	7249676	7128158	7155217	1.18	cps
Tin	118-1	2003264	2026696	2031295	2020418	0.74	cps
Titanium	47-1	2877167	2911439	2885554	2891387	0.62	cps

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P7
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 14:20:06	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11169664	11322232	11237015	11242970	0.68	cps
Vanadium	51-2	670617	668777	663587	667661	0.55	cps
Yttrium	89-1	5715563	5776826	5736103	5742830	0.54	cps
Yttrium	89-2	1379352	1374621	1370647	1374873	0.32	cps
Zinc	66-2	1235949	1238976	1234375	1236433	0.19	cps
Zirconium	90-1	3677463	3704510	3712690	3698221	0.50	cps
Zirconium	91-1	829659	838284	831793	833245	0.54	cps

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P7
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 14:29:30	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	160	157	137	151	8.35	cps
Antimony	121-1	283	377	393	351	16.89	cps
Arsenic	75-2	7	10	7	8	24.71	cps
Barium	135-1	60	73	67	67	10.00	cps
Barium	137-1	100	90	113	101	11.58	cps
Beryllium	9-1	303	250	247	267	11.93	cps
Bismuth	209-1	4771650	4723616	4764720	4753329	0.55	cps
Bismuth	209-2	3413667	3371523	3345945	3377045	1.01	cps
Bromine	81-1	17304	17774	17150	17409	1.87	cps
Bromine	81-2	70	53	50	58	18.55	cps
Cadmium	108-1	23	27	13	21	32.88	cps
Cadmium	106-1	3610	3774	3767	3717	2.49	cps
Cadmium	111-1	358	362	391	370	4.81	cps
Calcium	43-1	217	207	173	199	11.41	cps
Calcium	44-1	19099	18742	18865	18902	0.96	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	280	340	343	321	11.10	cps
Cobalt	59-2	127	147	153	142	9.76	cps
Copper	63-2	980	987	953	973	1.81	cps
Dysprosium	156-1	0	7	10	6	91.64	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	60	37	47	48	24.50	cps
Erbium	164-2	10	23	30	21	48.24	cps
Gadolinium	160-1	40	20	33	31	32.73	cps
Gadolinium	160-2	243	223	240	236	4.55	cps
Holmium	165-1	6598257	6721995	6768871	6696374	1.32	cps
Holmium	165-2	4377685	4399702	4336794	4371394	0.73	cps
Indium	115-1	4348314	4298066	4280282	4308887	0.82	cps
Indium	115-2	1381239	1368854	1374520	1374871	0.45	cps
Iron	56-2	20134	21092	21586	20937	3.53	cps
Iron	57-2	627	557	643	609	7.55	cps
Iron	54-2	1970	2094	2207	2090	5.66	cps
Krypton	83-1	40	37	73	50	40.55	cps

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P7
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 14:29:30	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	750	683	767	733	6.01	cps
Lead	207-1	630	600	540	590	7.77	cps
Lead	208-1	2994	2723	2793	2837	4.94	cps
Lithium	6-1	867809	867895	870972	868892	0.21	cps
Magnesium	24-2	1550	1620	1763	1645	6.61	cps
Manganese	55-2	543	657	693	631	12.39	cps
Molybdenum	94-1	440	607	623	557	18.21	cps
Molybdenum	95-1	933	1027	1020	993	5.24	cps
Molybdenum	96-1	700	750	803	751	6.88	cps
Molybdenum	97-1	413	490	520	474	11.60	cps
Molybdenum	98-1	1017	1000	1160	1059	8.31	cps
Neodymium	150-1	0	0	17	6	173.21	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	497	453	480	477	4.59	cps
Phosphorus	31-2	427	390	440	419	6.18	cps
Potassium	39-2	83879	82354	83672	83302	0.99	cps
Rhodium	103-1	3747805	3704521	3775631	3742653	0.96	cps
Rhodium	103-2	2165144	2162263	2147558	2158322	0.44	cps
Scandium	45-1	2206070	2145305	2230594	2193990	2.00	cps
Scandium	45-2	191378	191075	191915	191456	0.22	cps
Selenium	82-1	207	211	190	203	5.68	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	87	93	100	93	7.14	cps
Silicon	28-1	603009	604932	602478	603473	0.21	cps
Silver	107-1	147	110	90	116	24.87	cps
Silver	109-1	100	97	93	97	3.45	cps
Sodium	23-2	36927	36924	36857	36903	0.11	cps
Strontium	86-1	193	260	290	248	19.97	cps
Strontium	88-1	1490	1497	1787	1591	10.65	cps
Sulfur	34-1	281448	282847	283685	282660	0.40	cps
Terbium	159-1	6817046	6860721	6854638	6844135	0.35	cps
Terbium	159-2	4286338	4305641	4363061	4318347	0.92	cps
Thallium	203-1	367	390	320	359	9.93	cps
Thallium	205-1	823	757	813	798	4.51	cps
Tin	118-1	1084	1021	1011	1039	3.82	cps
Titanium	47-1	197	197	641	345	74.37	cps

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P7
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 14:29:30	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	100	103	127	110	13.21	cps
Vanadium	51-2	53	47	27	42	32.86	cps
Yttrium	89-1	5731995	5825406	5823792	5793731	0.92	cps
Yttrium	89-2	1420325	1409299	1412696	1414107	0.40	cps
Zinc	66-2	220	263	250	244	9.08	cps
Zirconium	90-1	360	367	500	409	19.31	cps
Zirconium	91-1	53	107	83	81	32.97	cps

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 14:32:50	DataFile Name :	021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2100	2023	2010	2045	2.38	cps
Antimony	121-1	8593	8633	8746	8657	0.92	cps
Arsenic	75-2	150	210	170	177	17.29	cps
Barium	135-1	11585	11738	11812	11712	0.99	cps
Barium	137-1	20488	20979	20945	20804	1.32	cps
Beryllium	9-1	977	867	917	920	5.99	cps
Bismuth	209-1	4762306	4737144	4665780	4721743	1.06	cps
Bismuth	209-2	3395249	3372647	3369130	3379009	0.42	cps
Bromine	81-1	17671	17761	17427	17620	0.98	cps
Bromine	81-2	47	20	53	40	44.09	cps
Cadmium	108-1	83	90	107	93	12.88	cps
Cadmium	106-1	4071	3981	3664	3905	5.47	cps
Cadmium	111-1	1302	1475	1472	1416	6.99	cps
Calcium	43-1	5951	5704	5701	5786	2.48	cps
Calcium	44-1	109088	110277	111969	110445	1.31	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3284	3460	3317	3354	2.80	cps
Cobalt	59-2	2534	2587	2344	2488	5.14	cps
Copper	63-2	3734	3861	4184	3926	5.91	cps
Dysprosium	156-1	10	3	17	10	66.70	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-1	40	40	37	39	4.94	cps
Erbium	164-2	27	33	37	32	15.80	cps
Gadolinium	160-1	47	47	37	43	13.32	cps
Gadolinium	160-2	213	243	233	230	6.64	cps
Holmium	165-1	6726284	6693763	6563257	6661101	1.30	cps
Holmium	165-2	4423207	4406717	4301699	4377208	1.51	cps
Indium	115-1	4340908	4289812	4183952	4271557	1.87	cps
Indium	115-2	1396359	1389183	1386547	1390696	0.37	cps
Iron	56-2	88920	88726	88879	88842	0.12	cps
Iron	57-2	2310	2354	2434	2366	2.65	cps
Iron	54-2	6025	6068	6291	6128	2.34	cps
Krypton	83-1	30	47	43	40	22.05	cps

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 14:32:50	DataFile Name :	021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4868	4688	4824	4793	1.96	cps
Lead	207-1	4357	4194	4381	4311	2.36	cps
Lead	208-1	19499	19326	19589	19471	0.69	cps
Lithium	6-1	879862	870838	850028	866909	1.76	cps
Magnesium	24-2	89321	88466	89133	88973	0.50	cps
Manganese	55-2	1607	1707	1667	1660	3.03	cps
Molybdenum	94-1	8779	8806	8929	8838	0.91	cps
Molybdenum	95-1	10684	10727	10927	10780	1.20	cps
Molybdenum	96-1	12325	11775	11805	11968	2.59	cps
Molybdenum	97-1	6772	6778	6315	6622	4.01	cps
Molybdenum	98-1	17447	17133	17274	17285	0.91	cps
Neodymium	150-1	17	0	0	6	173.21	cps
Neodymium	150-2	0	3	10	4	114.60	cps
Nickel	60-2	1060	1050	1020	1043	2.00	cps
Phosphorus	31-2	600	537	607	581	6.65	cps
Potassium	39-2	180948	180027	180689	180555	0.26	cps
Rhodium	103-1	3814634	3785913	3644132	3748226	2.44	cps
Rhodium	103-2	2182493	2160930	2098277	2147233	2.04	cps
Scandium	45-1	2251994	2205523	2167181	2208233	1.92	cps
Scandium	45-2	195101	193735	192607	193815	0.64	cps
Selenium	82-1	552	482	536	523	6.99	cps
Selenium	77-2	30	43	23	32	31.61	cps
Selenium	78-2	197	170	157	174	11.68	cps
Silicon	28-1	617443	625680	620333	621152	0.67	cps
Silver	107-1	4671	4744	4844	4753	1.83	cps
Silver	109-1	4487	4707	4914	4703	4.54	cps
Sodium	23-2	172864	170674	171867	171802	0.64	cps
Strontium	86-1	1503	1420	1623	1516	6.74	cps
Strontium	88-1	11988	12399	12556	12314	2.38	cps
Sulfur	34-1	287376	287417	286401	287064	0.20	cps
Terbium	159-1	6894069	6869227	6607551	6790283	2.34	cps
Terbium	159-2	4375999	4364244	4266510	4335584	1.39	cps
Thallium	203-1	5494	5871	5921	5762	4.05	cps
Thallium	205-1	13710	13200	13200	13370	2.20	cps
Tin	118-1	19359	19012	19426	19266	1.15	cps
Titanium	47-1	2697	2734	2704	2711	0.72	cps

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 14:32:50	DataFile Name :	021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	18950	18837	18673	18820	0.74	cps
Vanadium	51-2	6401	6808	6658	6623	3.11	cps
Yttrium	89-1	5828976	5839572	5659190	5775913	1.75	cps
Yttrium	89-2	1430079	1422776	1420810	1424555	0.34	cps
Zinc	66-2	1447	1650	1533	1543	6.61	cps
Zirconium	90-1	7242	7178	7145	7188	0.68	cps
Zirconium	91-1	1470	1697	1633	1600	7.31	cps

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	P2252-10	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOIL	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 14:42:26	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7692944	7668609	7597863	7653139	0.65	cps
Antimony	121-1	1322700	1352048	1353188	1342645	1.29	cps
Arsenic	75-2	511462	507855	509684	509667	0.35	cps
Barium	135-1	9785868	9993775	9962029	9913890	1.13	cps
Barium	137-1	17168783	17501447	17505776	17392002	1.11	cps
Beryllium	9-1	270359	276941	276930	274744	1.38	cps
Bismuth	209-1	4490938	4575976	4545632	4537515	0.95	cps
Bismuth	209-2	3054681	3053495	3091997	3066725	0.71	cps
Bromine	81-1	31774	33906	34697	33459	4.52	cps
Bromine	81-2	3154	3184	3264	3200	1.78	cps
Cadmium	108-1	142532	145416	146255	144734	1.35	cps
Cadmium	106-1	195523	197513	199908	197648	1.11	cps
Cadmium	111-1	2078034	2149199	2146252	2124495	1.90	cps
Calcium	43-1	1955188	1977233	1982529	1971650	0.74	cps
Calcium	44-1	30779180	31297468	31276895	31117848	0.94	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2277196	2257474	2263256	2265975	0.45	cps
Cobalt	59-2	3471442	3413649	3428789	3437960	0.87	cps
Copper	63-2	2779424	2762052	2716646	2752707	1.18	cps
Dysprosium	156-1	160957	163978	163374	162770	0.98	cps
Dysprosium	156-2	99120	98811	98418	98783	0.36	cps
Erbium	164-1	90833	93392	93617	92614	1.67	cps
Erbium	164-2	57718	56272	56925	56972	1.27	cps
Gadolinium	160-1	109192	112487	112816	111498	1.80	cps
Gadolinium	160-2	72181	71983	71913	72026	0.19	cps
Holmium	165-1	6825507	6931898	7015012	6924139	1.37	cps
Holmium	165-2	4344972	4323202	4329703	4332626	0.26	cps
Indium	115-1	3952334	3946166	3957489	3951996	0.14	cps
Indium	115-2	1214130	1199604	1207609	1207114	0.60	cps
Iron	56-2	180476924	178342291	179390984	179403400	0.59	cps
Iron	57-2	4491283	4419979	4435789	4449017	0.84	cps
Iron	54-2	9885209	9808384	9956026	9883206	0.75	cps
Krypton	83-1	270	340	273	294	13.41	cps

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	P2252-10	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOIL	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 14:42:26	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3946392	4023305	4009518	3993072	1.03	cps
Lead	207-1	3276122	3414748	3441570	3377480	2.63	cps
Lead	208-1	15301125	15774079	15691653	15588952	1.62	cps
Lithium	6-1	2069838	2141868	2150760	2120822	2.09	cps
Magnesium	24-2	24472209	24218169	24391554	24360644	0.53	cps
Manganese	55-2	9138054	9039187	9116634	9097958	0.57	cps
Molybdenum	94-1	2290698	2345155	2334365	2323406	1.24	cps
Molybdenum	95-1	3858894	3973608	3952317	3928273	1.55	cps
Molybdenum	96-1	4158440	4285895	4280923	4241752	1.70	cps
Molybdenum	97-1	2467068	2476571	2510215	2484618	0.91	cps
Molybdenum	98-1	6244821	6395768	6446236	6362275	1.65	cps
Neodymium	150-1	230686	233606	235275	233189	1.00	cps
Neodymium	150-2	120761	120287	120018	120356	0.31	cps
Nickel	60-2	910718	905780	900974	905824	0.54	cps
Phosphorus	31-2	28590	27942	28233	28255	1.15	cps
Potassium	39-2	4862254	4791975	4791543	4815257	0.85	cps
Rhodium	103-1	3307180	3322935	3392694	3340936	1.36	cps
Rhodium	103-2	1884176	1892339	1925756	1900757	1.16	cps
Scandium	45-1	2210568	2178028	2212951	2200516	0.89	cps
Scandium	45-2	185284	183216	185072	184524	0.62	cps
Selenium	82-1	138501	139775	141465	139914	1.06	cps
Selenium	77-2	12982	12776	12926	12895	0.83	cps
Selenium	78-2	42176	41455	41782	41804	0.86	cps
Silicon	28-1	13293324	13653581	14382521	13776475	4.03	cps
Silver	107-1	3925870	4030211	4024112	3993398	1.47	cps
Silver	109-1	3780749	3870765	3930807	3860774	1.96	cps
Sodium	23-2	26682205	26480205	26575260	26579223	0.38	cps
Strontium	86-1	2989053	3071553	3057898	3039501	1.45	cps
Strontium	88-1	26111713	26817000	26959725	26629479	1.71	cps
Sulfur	34-1	259902	262674	262393	261656	0.58	cps
Terbium	159-1	6916733	7036887	7030541	6994720	0.97	cps
Terbium	159-2	4291896	4224600	4232167	4249554	0.87	cps
Thallium	203-1	10215181	10351071	10457227	10341160	1.17	cps
Thallium	205-1	24609468	25112555	24974505	24898842	1.04	cps
Tin	118-1	2508486	2537908	2571888	2539427	1.25	cps
Titanium	47-1	2168653	2214628	2197641	2193641	1.06	cps

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	P2252-10	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOIL	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 14:42:26	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	9283745	9443098	9584750	9437198	1.60	cps
Vanadium	51-2	3633110	3625623	3667073	3641935	0.61	cps
Yttrium	89-1	6325877	6434726	6376266	6378956	0.85	cps
Yttrium	89-2	1479736	1492305	1476209	1482750	0.57	cps
Zinc	66-2	739580	735612	734775	736656	0.35	cps
Zirconium	90-1	247905	255945	253678	252509	1.64	cps
Zirconium	91-1	57181	69854	59952	62329	10.69	cps

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	P2252-10DLX5	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	5
Date & Time Acquired ::	2024-06-04 14:57:54	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1541149	1561304	1562420	1554958	0.77	cps
Antimony	121-1	265803	266962	268988	267251	0.60	cps
Arsenic	75-2	101812	101286	101524	101541	0.26	cps
Barium	135-1	1956980	1992959	1959755	1969898	1.02	cps
Barium	137-1	3395672	3410136	3431822	3412543	0.53	cps
Beryllium	9-1	56589	56830	55867	56429	0.89	cps
Bismuth	209-1	4510064	4514810	4538473	4521116	0.34	cps
Bismuth	209-2	3201614	3181884	3210563	3198020	0.46	cps
Bromine	81-1	19556	19466	19960	19661	1.34	cps
Bromine	81-2	727	633	557	639	13.33	cps
Cadmium	108-1	29026	30432	30449	29969	2.73	cps
Cadmium	106-1	42318	42586	43140	42681	0.98	cps
Cadmium	111-1	424915	427638	427152	426568	0.34	cps
Calcium	43-1	407476	407896	412159	409177	0.63	cps
Calcium	44-1	6268914	6135617	6276330	6226954	1.27	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	460052	461968	461589	461203	0.22	cps
Cobalt	59-2	702680	704009	702804	703164	0.10	cps
Copper	63-2	562219	561794	563729	562581	0.18	cps
Dysprosium	156-1	31986	32467	31803	32086	1.07	cps
Dysprosium	156-2	19587	19964	19020	19524	2.44	cps
Erbium	164-1	17655	18125	17875	17885	1.32	cps
Erbium	164-2	11051	11098	11034	11061	0.30	cps
Gadolinium	160-1	21286	21904	21767	21652	1.50	cps
Gadolinium	160-2	14538	14271	13870	14226	2.36	cps
Holmium	165-1	6541831	6561523	6542669	6548674	0.17	cps
Holmium	165-2	4244834	4248914	4141227	4211658	1.45	cps
Indium	115-1	3971387	4015718	4013206	4000104	0.62	cps
Indium	115-2	1240471	1235480	1239084	1238345	0.21	cps
Iron	56-2	36486428	36131659	36129606	36249231	0.57	cps
Iron	57-2	939919	950613	948543	946358	0.60	cps
Iron	54-2	2028136	2033491	2058608	2040078	0.80	cps
Krypton	83-1	60	87	133	93	39.77	cps

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	P2252-10DLX5	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	5
Date & Time Acquired ::	2024-06-04 14:57:54	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	711427	720758	727662	719949	1.13	cps
Lead	207-1	604575	611470	613035	609693	0.74	cps
Lead	208-1	2808137	2843276	2856228	2835880	0.88	cps
Lithium	6-1	1021007	1018940	1011417	1017121	0.50	cps
Magnesium	24-2	4861344	4890246	4890285	4880625	0.34	cps
Manganese	55-2	1826327	1842851	1852541	1840573	0.72	cps
Molybdenum	94-1	455916	460508	453571	456665	0.77	cps
Molybdenum	95-1	763409	773308	769018	768578	0.65	cps
Molybdenum	96-1	833389	838785	834763	835646	0.34	cps
Molybdenum	97-1	483930	485244	484860	484678	0.14	cps
Molybdenum	98-1	1253248	1258437	1256151	1255945	0.21	cps
Neodymium	150-1	45119	45135	45878	45377	0.96	cps
Neodymium	150-2	23960	23820	24521	24101	1.54	cps
Nickel	60-2	188253	189554	190459	189422	0.59	cps
Phosphorus	31-2	5704	5935	6105	5915	3.40	cps
Potassium	39-2	1063943	1074168	1070089	1069400	0.48	cps
Rhodium	103-1	3371973	3388711	3391642	3384109	0.31	cps
Rhodium	103-2	1913973	1919769	1922235	1918659	0.22	cps
Scandium	45-1	2033880	2010112	1997822	2013938	0.91	cps
Scandium	45-2	172567	171390	174430	172796	0.89	cps
Selenium	82-1	27958	28286	28184	28143	0.60	cps
Selenium	77-2	2677	2614	2734	2675	2.24	cps
Selenium	78-2	8549	8452	8376	8459	1.03	cps
Silicon	28-1	3258207	3775129	3601773	3545037	7.42	cps
Silver	107-1	806938	813130	809535	809867	0.38	cps
Silver	109-1	780546	780461	779431	780146	0.08	cps
Sodium	23-2	5276551	5280275	5376393	5311073	1.07	cps
Strontium	86-1	584658	589577	590559	588264	0.54	cps
Strontium	88-1	5245140	5213989	5252420	5237183	0.39	cps
Sulfur	34-1	256743	252134	252653	253843	0.99	cps
Terbium	159-1	6594895	6556966	6609335	6587065	0.41	cps
Terbium	159-2	4111468	4082007	4143164	4112213	0.74	cps
Thallium	203-1	2013408	2053872	2083979	2050420	1.73	cps
Thallium	205-1	4819859	4905419	4929286	4884855	1.18	cps
Tin	118-1	492968	493779	496893	494547	0.42	cps
Titanium	47-1	436363	442037	446340	441580	1.13	cps

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	P2252-10DLX5	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	5
Date & Time Acquired ::	2024-06-04 14:57:54	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1804404	1835430	1833060	1824298	0.95	cps
Vanadium	51-2	732627	737627	736646	735633	0.36	cps
Yttrium	89-1	5542387	5480325	5570035	5530915	0.83	cps
Yttrium	89-2	1322273	1307239	1319273	1316262	0.60	cps
Zinc	66-2	153260	154853	154173	154095	0.52	cps
Zirconium	90-1	48617	49684	49557	49286	1.18	cps
Zirconium	91-1	11321	11461	11371	11385	0.62	cps

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	PB161320BL	Instrumnet Name :	P7
Client Sample ID :	PB161320BL	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 15:08:34	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	70	73	70	4.76	cps
Antimony	121-1	47	90	60	66	33.85	cps
Arsenic	75-2	20	10	10	13	43.30	cps
Barium	135-1	127	90	107	108	17.03	cps
Barium	137-1	183	213	180	192	9.55	cps
Beryllium	9-1	270	210	267	249	13.55	cps
Bismuth	209-1	4429147	4502551	4440511	4457403	0.89	cps
Bismuth	209-2	3170625	3257640	3219970	3216078	1.36	cps
Bromine	81-1	17304	16736	16669	16903	2.06	cps
Bromine	81-2	63	77	67	69	10.08	cps
Cadmium	108-1	20	17	17	18	10.81	cps
Cadmium	106-1	3514	3444	3440	3466	1.20	cps
Cadmium	111-1	381	396	402	393	2.83	cps
Calcium	43-1	233	173	193	200	15.27	cps
Calcium	44-1	20190	19669	18822	19561	3.53	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	337	287	333	319	8.77	cps
Cobalt	59-2	240	290	253	261	9.92	cps
Copper	63-2	1633	1467	1517	1539	5.56	cps
Dysprosium	156-1	20	17	7	14	48.02	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	43	50	40	44	11.46	cps
Erbium	164-2	47	20	40	36	39.03	cps
Gadolinium	160-1	30	33	20	28	24.98	cps
Gadolinium	160-2	267	213	257	246	11.54	cps
Holmium	165-1	6297710	6276054	6229064	6267609	0.56	cps
Holmium	165-2	4148357	4177065	4134117	4153179	0.53	cps
Indium	115-1	4029105	4070015	4030816	4043312	0.57	cps
Indium	115-2	1282675	1283183	1280605	1282154	0.11	cps
Iron	56-2	17353	17093	17724	17390	1.82	cps
Iron	57-2	533	507	537	526	3.13	cps
Iron	54-2	1887	1857	1890	1878	0.98	cps
Krypton	83-1	90	40	80	70	37.80	cps

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	PB161320BL	Instrumnet Name :	P7
Client Sample ID :	PB161320BL	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 15:08:34	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	963	847	900	903	6.47	cps
Lead	207-1	873	943	743	853	11.89	cps
Lead	208-1	3797	3630	3570	3666	3.20	cps
Lithium	6-1	783640	789920	789029	787530	0.43	cps
Magnesium	24-2	850	917	843	870	4.66	cps
Manganese	55-2	657	650	740	682	7.35	cps
Molybdenum	94-1	330	333	393	352	10.12	cps
Molybdenum	95-1	663	753	707	708	6.36	cps
Molybdenum	96-1	423	410	457	430	5.59	cps
Molybdenum	97-1	273	347	283	301	13.21	cps
Molybdenum	98-1	567	587	587	580	1.99	cps
Neodymium	150-1	0	3	7	3	100.05	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	327	290	370	329	12.18	cps
Phosphorus	31-2	440	437	440	439	0.44	cps
Potassium	39-2	77901	77593	77761	77752	0.20	cps
Rhodium	103-1	3507737	3523510	3561986	3531077	0.79	cps
Rhodium	103-2	2003215	2012683	2019435	2011778	0.41	cps
Scandium	45-1	2044068	2054522	2041644	2046745	0.33	cps
Scandium	45-2	175459	174811	174164	174811	0.37	cps
Selenium	82-1	161	230	173	188	19.78	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	90	113	63	89	28.15	cps
Silicon	28-1	577098	581148	582597	580281	0.49	cps
Silver	107-1	137	110	130	126	11.05	cps
Silver	109-1	93	87	83	88	5.80	cps
Sodium	23-2	29395	29054	28413	28954	1.72	cps
Strontium	86-1	177	163	160	167	5.29	cps
Strontium	88-1	970	870	970	937	6.16	cps
Sulfur	34-1	266927	266665	264648	266080	0.47	cps
Terbium	159-1	6304978	6455176	6407088	6389081	1.20	cps
Terbium	159-2	4040979	3986845	4054649	4027491	0.89	cps
Thallium	203-1	553	503	557	538	5.56	cps
Thallium	205-1	1203	1103	1030	1112	7.82	cps
Tin	118-1	891	934	994	939	5.52	cps
Titanium	47-1	90	77	87	84	8.22	cps

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	PB161320BL	Instrumnet Name :	P7
Client Sample ID :	PB161320BL	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 15:08:34	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	77	73	67	72	7.05	cps
Vanadium	51-2	153	153	147	151	2.55	cps
Yttrium	89-1	5326157	5379676	5320467	5342100	0.61	cps
Yttrium	89-2	1302885	1311894	1307733	1307504	0.34	cps
Zinc	66-2	197	183	233	204	12.66	cps
Zirconium	90-1	230	260	220	237	8.80	cps
Zirconium	91-1	43	43	43	43	0.00	cps

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	PB161320BS	Instrumnet Name :	P7
Client Sample ID :	PB161320BS	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 15:15:48	DataFile Name :	031LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	889400	876788	875379	880522	0.88	cps
Antimony	121-1	2105444	2120919	2104913	2110426	0.43	cps
Arsenic	75-2	79756	77367	78241	78455	1.54	cps
Barium	135-1	3015509	3010940	2992791	3006413	0.40	cps
Barium	137-1	5328068	5254644	5271356	5284689	0.73	cps
Beryllium	9-1	332328	334591	333556	333492	0.34	cps
Bismuth	209-1	4296283	4310665	4308792	4305247	0.18	cps
Bismuth	209-2	3058594	3350690	3393917	3267734	5.58	cps
Bromine	81-1	16309	16343	16212	16288	0.42	cps
Bromine	81-2	60	50	73	61	19.15	cps
Cadmium	108-1	41493	41569	41800	41621	0.38	cps
Cadmium	106-1	62982	63361	62724	63022	0.51	cps
Cadmium	111-1	459076	460389	460258	459908	0.16	cps
Calcium	43-1	581883	580441	575173	579166	0.61	cps
Calcium	44-1	8602718	8662883	8526641	8597414	0.79	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	691186	680817	682888	684963	0.80	cps
Cobalt	59-2	1014542	1003699	996487	1004909	0.90	cps
Copper	63-2	7098398	6919349	6855595	6957781	1.81	cps
Dysprosium	156-1	173	133	120	142	19.52	cps
Dysprosium	156-2	97	140	130	122	18.56	cps
Erbium	164-1	70	53	67	63	13.93	cps
Erbium	164-2	40	50	47	46	11.18	cps
Gadolinium	160-1	67	40	40	49	31.50	cps
Gadolinium	160-2	247	230	270	249	8.07	cps
Holmium	165-1	6107347	6173152	6307127	6195875	1.64	cps
Holmium	165-2	4105427	4506112	4484018	4365185	5.16	cps
Indium	115-1	3840278	3836361	3844741	3840460	0.11	cps
Indium	115-2	1212679	1339512	1344150	1298781	5.74	cps
Iron	56-2	31374034	30604454	30829683	30936057	1.28	cps
Iron	57-2	819668	806975	808056	811566	0.87	cps
Iron	54-2	1758325	1711415	1728704	1732815	1.37	cps
Krypton	83-1	67	83	67	72	13.32	cps

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	PB161320BS	Instrumnet Name :	P7
Client Sample ID :	PB161320BS	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 15:15:48	DataFile Name :	031LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	11800384	11769071	11782628	11784028	0.13	cps
Lead	207-1	10196621	10302610	10280027	10259753	0.54	cps
Lead	208-1	46582939	47120976	47104993	46936303	0.65	cps
Lithium	6-1	760667	761867	763098	761878	0.16	cps
Magnesium	24-2	7934807	7885279	7769112	7863066	1.08	cps
Manganese	55-2	5364467	5224586	5297220	5295424	1.32	cps
Molybdenum	94-1	7273240	7286740	7283867	7281282	0.10	cps
Molybdenum	95-1	10665055	10732188	10679937	10692393	0.33	cps
Molybdenum	96-1	11701477	11814014	11496212	11670568	1.38	cps
Molybdenum	97-1	6701889	6712442	6755179	6723170	0.42	cps
Molybdenum	98-1	17207186	17209800	17403409	17273465	0.65	cps
Neodymium	150-1	797	820	787	801	2.13	cps
Neodymium	150-2	103	120	153	126	20.28	cps
Nickel	60-2	253166	250803	249092	251020	0.81	cps
Phosphorus	31-2	44973	44712	43973	44552	1.16	cps
Potassium	39-2	4402951	4356710	4345899	4368520	0.69	cps
Rhodium	103-1	3213805	3259738	3261791	3245111	0.84	cps
Rhodium	103-2	1889874	2045902	2015377	1983717	4.17	cps
Scandium	45-1	1939318	1996392	1983794	1973168	1.52	cps
Scandium	45-2	169886	187095	186307	181096	5.37	cps
Selenium	82-1	27307	27787	27487	27527	0.88	cps
Selenium	77-2	2394	2504	2450	2449	2.25	cps
Selenium	78-2	8493	8272	8636	8467	2.16	cps
Silicon	28-1	3812872	3851535	3818458	3827622	0.55	cps
Silver	107-1	2411151	2405789	2378118	2398353	0.74	cps
Silver	109-1	2320652	2306470	2291514	2306212	0.63	cps
Sodium	23-2	12515738	12412930	12352210	12426960	0.67	cps
Strontium	86-1	15386432	15532811	15540293	15486512	0.56	cps
Strontium	88-1	135887021	135165831	135287568	135446807	0.29	cps
Sulfur	34-1	419994	415911	412019	415975	0.96	cps
Terbium	159-1	6241512	6367036	6408346	6338965	1.37	cps
Terbium	159-2	4065859	4410098	4442882	4306280	4.85	cps
Thallium	203-1	2933898	2893856	2876718	2901491	1.01	cps
Thallium	205-1	6965651	6961146	6870851	6932549	0.77	cps
Tin	118-1	1894116	1885023	1885412	1888184	0.27	cps
Titanium	47-1	2636084	2605269	2639711	2627021	0.72	cps

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	PB161320BS	Instrumnet Name :	P7
Client Sample ID :	PB161320BS	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 15:15:48	DataFile Name :	031LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10553798	10554887	10517265	10541983	0.20	cps
Vanadium	51-2	609392	597641	594098	600377	1.33	cps
Yttrium	89-1	5124908	5221840	5249097	5198615	1.26	cps
Yttrium	89-2	1268625	1381582	1389883	1346697	5.03	cps
Zinc	66-2	1136749	1125105	1122797	1128217	0.66	cps
Zirconium	90-1	3379394	3386963	3376469	3380942	0.16	cps
Zirconium	91-1	744680	753494	748448	748874	0.59	cps

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P7
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 15:18:38	DataFile Name :	032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4391274	4381401	4324219	4365631	0.83	cps
Antimony	121-1	2056471	2081542	2076219	2071411	0.64	cps
Arsenic	75-2	79944	79210	78563	79239	0.87	cps
Barium	135-1	3014146	3002667	3011014	3009275	0.20	cps
Barium	137-1	5275133	5358414	5306160	5313236	0.79	cps
Beryllium	9-1	339856	341555	344625	342012	0.71	cps
Bismuth	209-1	4079256	4132431	4157884	4123190	0.97	cps
Bismuth	209-2	2906375	2884439	2840526	2877113	1.17	cps
Bromine	81-1	16002	16089	16756	16282	2.53	cps
Bromine	81-2	30	27	47	34	31.11	cps
Cadmium	108-1	39928	40597	40165	40230	0.84	cps
Cadmium	106-1	61556	61369	62541	61822	1.02	cps
Cadmium	111-1	437290	440921	439638	439283	0.42	cps
Calcium	43-1	2594036	2592658	2600371	2595688	0.16	cps
Calcium	44-1	40885421	41298938	41438872	41207744	0.70	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	704837	705544	696651	702344	0.70	cps
Cobalt	59-2	1002808	1001650	1000718	1001725	0.10	cps
Copper	63-2	7220784	7137149	7192122	7183352	0.59	cps
Dysprosium	156-1	223	233	250	236	5.72	cps
Dysprosium	156-2	153	213	167	178	17.72	cps
Erbium	164-1	140	147	160	149	6.84	cps
Erbium	164-2	73	97	83	84	13.87	cps
Gadolinium	160-1	103	153	163	140	22.96	cps
Gadolinium	160-2	277	260	267	268	3.13	cps
Holmium	165-1	6261299	6277503	6209639	6249480	0.57	cps
Holmium	165-2	4112366	4044597	4031367	4062776	1.07	cps
Indium	115-1	3779317	3843138	3846000	3822818	0.99	cps
Indium	115-2	1183569	1187786	1182264	1184539	0.24	cps
Iron	56-2	156308158	153019161	152578751	153968690	1.32	cps
Iron	57-2	3859813	3845813	3829314	3844980	0.40	cps
Iron	54-2	8396724	8484777	8404285	8428595	0.58	cps
Krypton	83-1	73	110	70	84	26.28	cps

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P7
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 15:18:38	DataFile Name :	032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	11475372	11553100	11411159	11479877	0.62	cps
Lead	207-1	9973309	10004245	9970286	9982613	0.19	cps
Lead	208-1	45454758	45963675	45652311	45690248	0.56	cps
Lithium	6-1	755760	764550	762262	760857	0.60	cps
Magnesium	24-2	39641293	39415699	39009834	39355609	0.81	cps
Manganese	55-2	5418776	5364452	5285256	5356161	1.25	cps
Molybdenum	94-1	7381337	7448902	7443874	7424705	0.51	cps
Molybdenum	95-1	10735466	10952339	11011605	10899803	1.33	cps
Molybdenum	96-1	11746987	11938105	11924696	11869929	0.90	cps
Molybdenum	97-1	6751355	6896224	6720024	6789201	1.38	cps
Molybdenum	98-1	17450459	17722228	17685137	17619275	0.84	cps
Neodymium	150-1	760	947	767	824	12.85	cps
Neodymium	150-2	173	137	133	148	15.02	cps
Nickel	60-2	248248	247655	246985	247629	0.26	cps
Phosphorus	31-2	46136	45745	45678	45853	0.54	cps
Potassium	39-2	21804038	21763777	21403205	21657007	1.02	cps
Rhodium	103-1	3154854	3139450	3191172	3161825	0.84	cps
Rhodium	103-2	1777700	1767453	1788225	1777792	0.58	cps
Scandium	45-1	1990394	2046773	2003932	2013700	1.46	cps
Scandium	45-2	172179	173437	170864	172160	0.75	cps
Selenium	82-1	26570	26877	26355	26601	0.99	cps
Selenium	77-2	2430	2540	2550	2507	2.66	cps
Selenium	78-2	8166	7922	8186	8091	1.81	cps
Silicon	28-1	4041742	4062687	4096244	4066891	0.68	cps
Silver	107-1	2294223	2288368	2271625	2284739	0.51	cps
Silver	109-1	2180543	2214201	2172620	2189121	1.01	cps
Sodium	23-2	62510382	62929366	62180801	62540183	0.60	cps
Strontium	86-1	15556934	15766621	15618800	15647451	0.69	cps
Strontium	88-1	135850905	138662328	136515428	137009554	1.07	cps
Sulfur	34-1	419737	422490	421047	421091	0.33	cps
Terbium	159-1	6369290	6382171	6381514	6377658	0.11	cps
Terbium	159-2	3987765	3920281	3923079	3943708	0.97	cps
Thallium	203-1	2861018	2857374	2823932	2847441	0.72	cps
Thallium	205-1	6759140	6807923	6792919	6786661	0.37	cps
Tin	118-1	1881866	1876309	1854361	1870845	0.78	cps
Titanium	47-1	2678730	2678092	2683745	2680189	0.12	cps

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P7
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2024-06-04 15:18:38	DataFile Name :	032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10459083	10773533	10583999	10605538	1.49	cps
Vanadium	51-2	620019	621443	615595	619019	0.49	cps
Yttrium	89-1	5283250	5339524	5328716	5317163	0.56	cps
Yttrium	89-2	1264017	1269031	1260418	1264489	0.34	cps
Zinc	66-2	1157497	1149615	1144512	1150542	0.57	cps
Zirconium	90-1	3419394	3451810	3463542	3444915	0.66	cps
Zirconium	91-1	764047	771578	771629	769085	0.57	cps

LB Number :	LB131064	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P7
Client Sample ID :	CCB02	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	930	1007	853	930	8.24	cps
Antimony	121-1	387	570	610	522	22.80	cps
Arsenic	75-2	13	23	20	19	26.96	cps
Barium	135-1	137	143	113	131	12.01	cps
Barium	137-1	290	343	243	292	17.12	cps
Beryllium	9-1	517	437	387	447	14.68	cps
Bismuth	209-1	4571335	4461281	4468149	4500255	1.37	cps
Bismuth	209-2	3234060	3163986	3159490	3185845	1.31	cps
Bromine	81-1	16816	16776	16973	16855	0.62	cps
Bromine	81-2	47	77	20	48	59.34	cps
Cadmium	108-1	17	20	20	19	10.18	cps
Cadmium	106-1	3507	3537	3390	3478	2.23	cps
Cadmium	111-1	389	380	385	385	1.22	cps
Calcium	43-1	263	203	240	236	12.84	cps
Calcium	44-1	17624	17644	16616	17294	3.40	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	350	377	333	353	6.19	cps
Cobalt	59-2	237	310	280	276	13.38	cps
Copper	63-2	1237	1440	1417	1365	8.16	cps
Dysprosium	156-1	7	10	17	11	45.82	cps
Dysprosium	156-2	7	7	0	4	86.60	cps
Erbium	164-1	30	37	23	30	22.23	cps
Erbium	164-2	23	30	37	30	22.23	cps
Gadolinium	160-1	23	47	20	30	48.44	cps
Gadolinium	160-2	190	240	233	221	12.28	cps
Holmium	165-1	6411516	6202166	6120557	6244746	2.40	cps
Holmium	165-2	4134345	4079939	4079615	4097967	0.77	cps
Indium	115-1	4137335	4007304	3951744	4032128	2.36	cps
Indium	115-2	1267974	1272812	1261699	1267495	0.44	cps
Iron	56-2	20080	20023	19653	19919	1.16	cps
Iron	57-2	637	597	627	620	3.36	cps
Iron	54-2	2090	1957	1993	2013	3.42	cps
Krypton	83-1	87	50	67	68	27.09	cps

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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1160	1063	1043	1089	5.73	cps
Lead	207-1	997	880	937	938	6.22	cps
Lead	208-1	4527	4224	4134	4295	4.80	cps
Lithium	6-1	799590	782965	784371	788975	1.17	cps
Magnesium	24-2	1203	1624	1350	1392	15.31	cps
Manganese	55-2	943	970	903	939	3.57	cps
Molybdenum	94-1	697	690	723	703	2.51	cps
Molybdenum	95-1	1367	1197	1243	1269	6.92	cps
Molybdenum	96-1	1090	863	777	910	17.78	cps
Molybdenum	97-1	673	650	667	663	1.81	cps
Molybdenum	98-1	1510	1547	1337	1465	7.66	cps
Neodymium	150-1	3	7	7	6	34.70	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	413	443	373	410	8.57	cps
Phosphorus	31-2	417	483	423	441	8.32	cps
Potassium	39-2	81275	78956	81285	80506	1.67	cps
Rhodium	103-1	3527896	3504666	3513176	3515246	0.33	cps
Rhodium	103-2	1983151	2011897	1967285	1987444	1.14	cps
Scandium	45-1	2079215	2018787	2019558	2039186	1.70	cps
Scandium	45-2	174154	171269	171036	172153	1.01	cps
Selenium	82-1	174	170	164	169	2.86	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	70	100	77	82	19.16	cps
Silicon	28-1	573887	573617	583374	576959	0.96	cps
Silver	107-1	213	240	187	213	12.50	cps
Silver	109-1	143	123	110	126	13.36	cps
Sodium	23-2	31956	32264	32381	32200	0.68	cps
Strontium	86-1	553	407	437	466	16.64	cps
Strontium	88-1	3871	3454	3130	3485	10.65	cps
Sulfur	34-1	271486	270991	272231	271569	0.23	cps
Terbium	159-1	6465503	6368914	6331492	6388636	1.08	cps
Terbium	159-2	4074815	4050781	3940504	4022033	1.78	cps
Thallium	203-1	567	563	590	573	2.53	cps
Thallium	205-1	1497	1447	1410	1451	3.00	cps
Tin	118-1	1039	1015	1045	1033	1.52	cps
Titanium	47-1	180	210	140	177	19.88	cps

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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	283	240	257	260	8.41	cps
Vanadium	51-2	93	70	100	88	17.95	cps
Yttrium	89-1	5424670	5291287	5318690	5344882	1.32	cps
Yttrium	89-2	1284035	1295520	1286226	1288594	0.47	cps
Zinc	66-2	263	253	247	254	3.30	cps
Zirconium	90-1	330	347	370	349	5.76	cps
Zirconium	91-1	60	47	77	61	24.60	cps