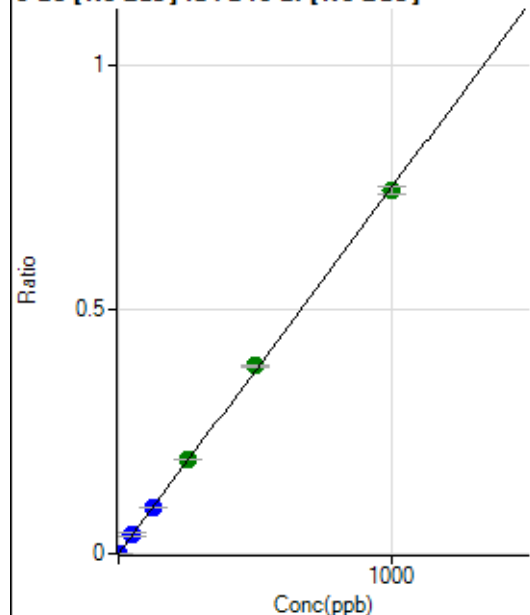


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8012025MS-02.b\
Analysis File: P8012025MS-02.batch.bin
DA Date-Time: 2025-01-20 13:54:07
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2025-01-20 13:16:54
2	006CALS.d	S02	2025-01-20 13:23:37
3	007CALB.d	S03	2025-01-20 13:26:58
4	008CALS.d	S04	2025-01-20 13:30:05
5	009CALS.d	S05	2025-01-20 13:33:02
6	010CALS.d	S06	2025-01-20 13:35:55
7	011CALS.d	S07	2025-01-20 13:38:40
8	012CALS.d	S08	2025-01-20 13:41:27

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	300.80	0.0000	P	1.3
2	☐	1.000	0.986	6172.62	0.0008	P	9.0
3	☐	50.000	51.924	280337.75	0.0389	P	19.6
4	☐	125.000	124.480	664482.27	0.0931	P	0.8
5	☐	250.000	257.183	1373427.65	0.1924	A	1.5
6	☐	500.000	513.722	2617752.37	0.3843	A	1.4
7	☐	1000.000	991.312	4919461.06	0.7415	A	2.2
8	☐			1228.24	0.0002	P	14.4

$$y = 7.4797E-004 * x + 4.0321E-005$$

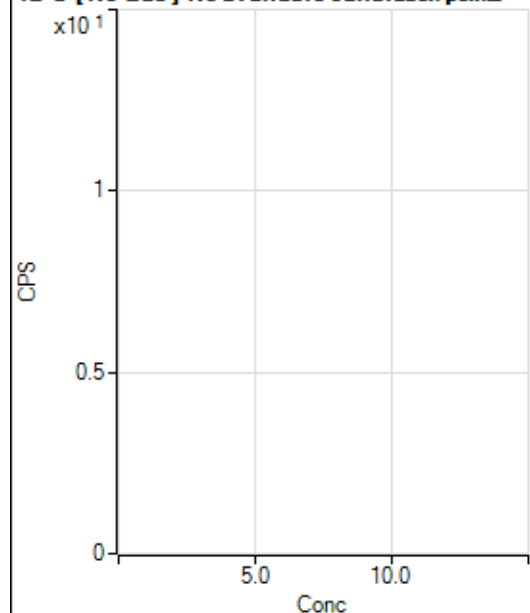
$$R = 0.9998$$

$$DL = 0.002056$$

Weight: <None>

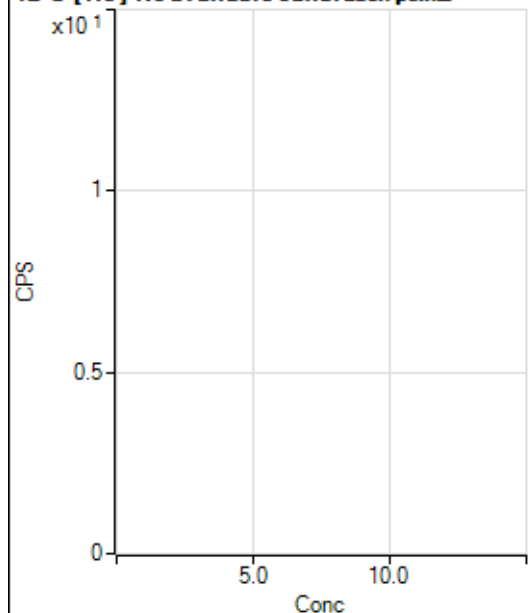
Min Conc: 0

12 C [No Gas] No available calibration points



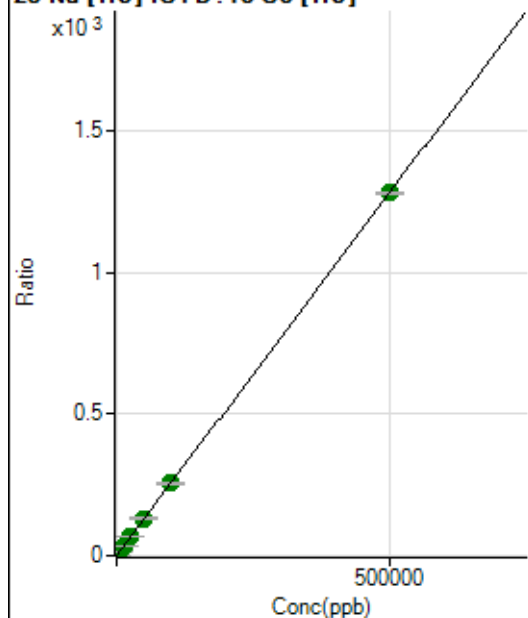
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			2988767.87		A	0.7
2	☐			3413285.61		A	1.0
3	☐			3381751.13		A	2.8
4	☐			3362685.65		A	1.0
5	☐			3391706.51		A	0.9
6	☐			3595805.05		A	1.4
7	☐			4025413.31		A	2.6
8	☐			5689364.53		A	13.4

12 C [He] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			20349.72		P	0.2
2	☐			23176.11		P	0.3
3	☐			22688.68		P	0.6
4	☐			23052.53		P	0.1
5	☐			23863.86		P	0.1
6	☐			26215.62		P	1.5
7	☐			30190.99		P	0.5
8	☐			54903.15		P	0.5

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	19756.79	0.1115	P	1.1
2	☐	500.000	568.028	266513.12	1.5679	P	4.1
3	☐	5000.000	5125.352	2403126.88	13.2523	A	1.7
4	☐	12500.000	12823.617	5755021.44	32.9898	A	1.0
5	☐	25000.000	25658.172	11365147.33	65.8962	A	3.3
6	☐	50000.000	51196.294	22803129.94	131.3731	A	1.8
7	☐	100000.00	99385.558	44902612.66	254.9250	A	1.3
8	☐	500000.00	499960.93	193092612.6	1,281.955	A	0.4

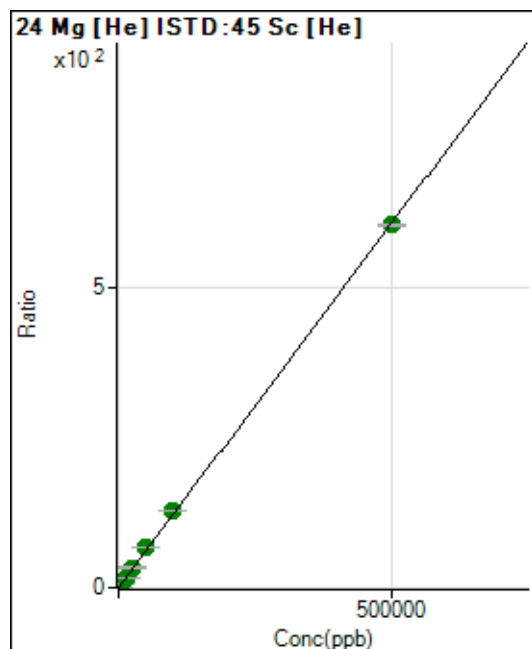
$$y = 0.0026 * x + 0.1115$$

$$R = 1.0000$$

$$DL = 1.442$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	494.46	0.0028	P	27.0
2	☐	500.000	622.568	128868.04	0.7582	P	4.4
3	☐	5000.000	5536.159	1218508.36	6.7199	A	2.7
4	☐	12500.000	14095.477	2984043.39	17.1051	A	1.4
5	☐	25000.000	27685.849	5794146.51	33.5946	A	3.3
6	☐	50000.000	55084.747	11602091.08	66.8383	A	0.1
7	☐	100000.00	106241.77	22706176.33	128.9082	A	0.7
8	☐	500000.00	498063.50	91024075.31	604.3137	A	0.3

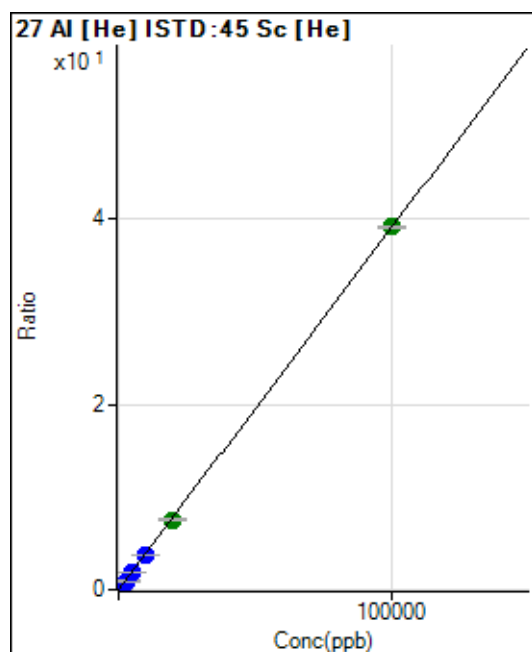
$$y = 0.0012 * x + 0.0028$$

$$R = 0.9999$$

$$DL = 1.866$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	70.00	0.0004	P	17.8
2	☐	20.000	20.812	1447.87	0.0085	P	4.2
3	☐	1000.000	944.228	66907.35	0.3689	P	0.1
4	☐	2500.000	2383.290	162302.52	0.9304	P	0.6
5	☐	5000.000	4744.231	319389.22	1.8517	P	2.8
6	☐	10000.000	9454.023	640443.72	3.6896	P	0.6
7	☐	20000.000	19261.848	1324002.93	7.5168	A	2.4
8	☐	100000.00	100218.49	5890618.18	39.1079	A	0.8

$$y = 3.9022E-004 * x + 3.9543E-004$$

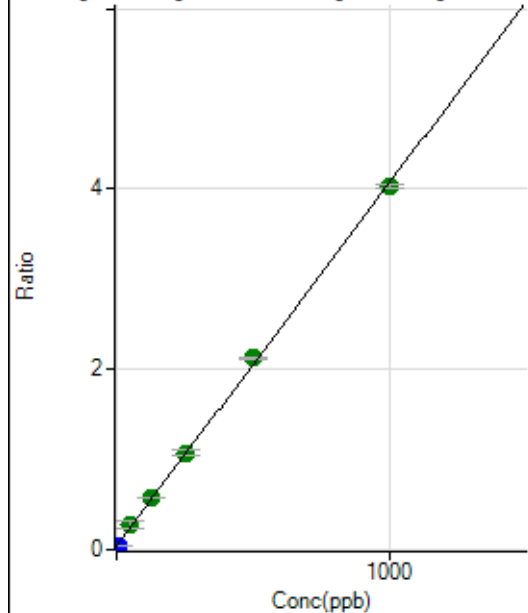
$$R = 1.0000$$

$$DL = 0.5424$$

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	439018.00	0.0430	P	1.2
2	☐	10.000	1.318	521372.71	0.0483	P	11.8
3	☐	50.000	57.947	2657734.09	0.2762	A	24.1
4	☐	125.000	132.944	5819722.69	0.5781	A	1.2
5	☐	250.000	256.762	10867568.59	1.0766	A	4.9
6	☐	500.000	516.477	21210476.35	2.1221	A	0.1
7	☐	1000.000	988.767	40188977.18	4.0233	A	1.0
8	☐			540090.23	0.0630	P	2.0

$$y = 0.0040 * x + 0.0430$$

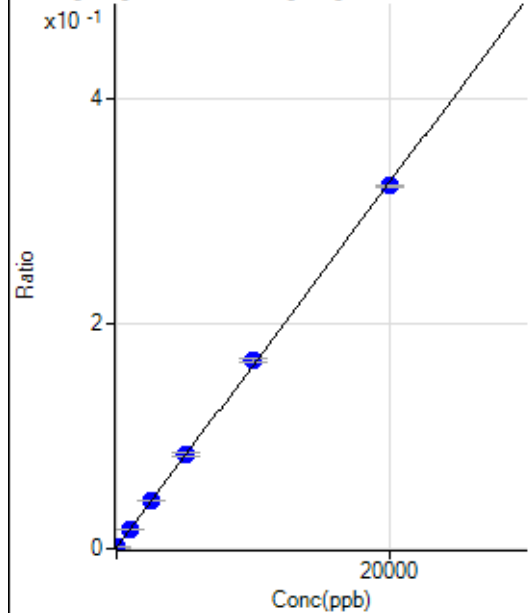
$$R = 0.9996$$

$$DL = 0.383$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-23.439	77.78	0.0004	P	8.7
2	☐	0.000	23.439	203.34	0.0012	P	15.1
3	☐	1000.000	984.002	3041.46	0.0168	P	5.2
4	☐	2500.000	2573.995	7425.29	0.0426	P	1.6
5	☐	5000.000	5122.984	14469.52	0.0839	P	4.2
6	☐	10000.000	10292.600	29115.88	0.1677	P	1.5
7	☐	20000.000	19814.504	56746.10	0.3222	P	0.6
8	☐			103.33	0.0007	P	25.9

$$y = 1.6217E-005 * x + 8.1905E-004$$

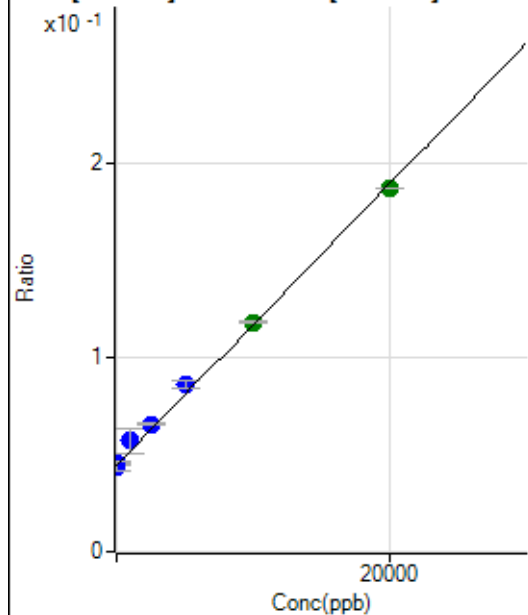
$$R = 0.9998$$

$$DL = 20.32$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	91.436	462277.32	0.0453	P	0.6
2	☐	0.000	-91.436	474393.64	0.0439	P	11.6
3	☐	1000.000	1719.693	550804.56	0.0571	P	22.4
4	☐	2500.000	2931.589	663142.57	0.0659	P	0.9
5	☐	5000.000	5790.737	874672.92	0.0866	P	4.7
6	☐	10000.000	10161.177	1183245.55	0.1184	A	1.3
7	☐	20000.000	19631.794	1869666.39	0.1872	A	0.1
8	☐			341644.28	0.0398	P	0.8

$$y = 7.2621E-006 * x + 0.0446$$

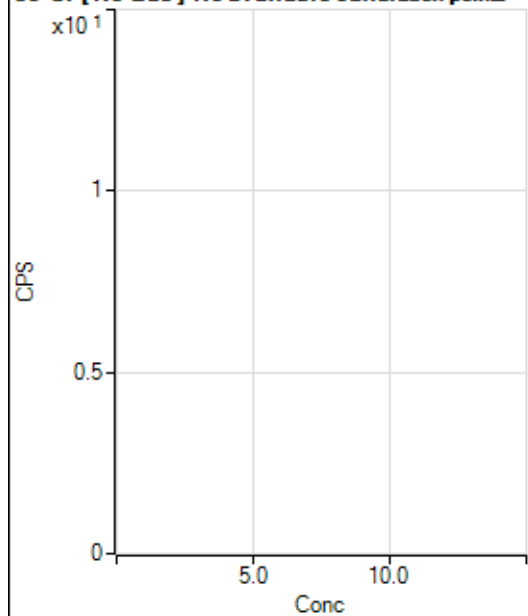
$$R = 0.9987$$

$$DL = 1115$$

Weight: <None>

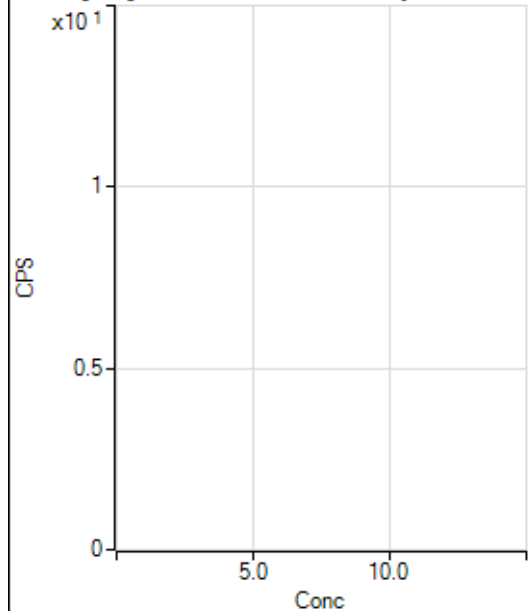
Min Conc: 0

35 Cl [No Gas] No available calibration points



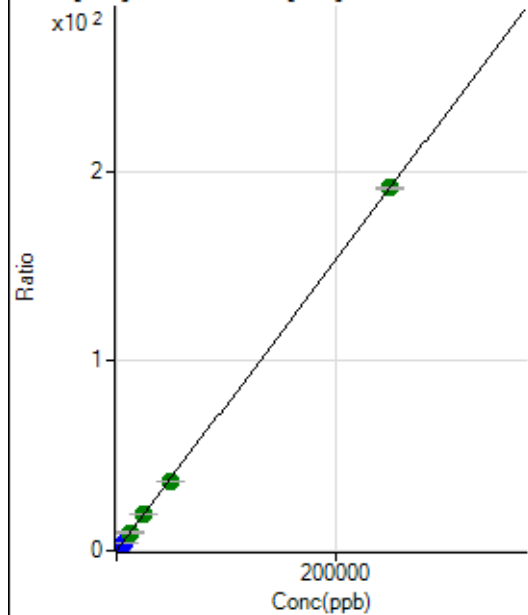
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			87301.98		P	1.0
2	☐			89021.26		P	0.1
3	☐			91722.28		P	0.9
4	☐			93513.74		P	1.0
5	☐			95968.46		P	1.0
6	☐			105718.87		P	1.5
7	☐			125191.17		P	2.2
8	☐			78650.90		P	1.3

35 Cl [He] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			327.79		P	22.4
2	☐			364.45		P	13.9
3	☐			338.90		P	6.7
4	☐			370.01		P	8.1
5	☐			366.67		P	16.8
6	☐			421.12		P	13.2
7	☐			482.23		P	4.9
8	☐			335.56		P	4.7

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	6919.49	0.0391	P	4.2
2	☐	500.000	534.806	76122.46	0.4478	P	4.3
3	☐	2500.000	2307.121	326904.42	1.8025	P	1.1
4	☐	6250.000	5895.266	792872.79	4.5452	P	0.7
5	☐	12500.000	12397.007	1641061.38	9.5149	A	3.5
6	☐	25000.000	24691.725	3282843.01	18.9126	A	1.1
7	☐	50000.000	47826.281	6446082.82	36.5959	A	0.9
8	☐	250000.00	250481.44	28844672.07	191.4988	A	0.2

$$y = 7.6437E-004 * x + 0.0391$$

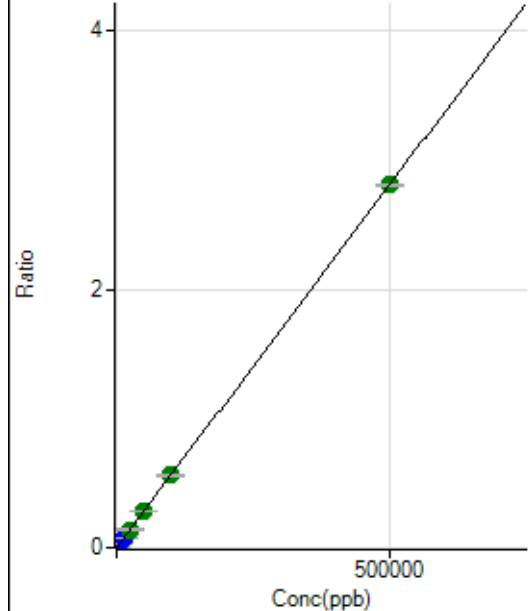
$$R = 1.0000$$

$$DL = 6.473$$

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	652.25	0.0001	P	7.8
2	☐	500.000	502.696	31114.75	0.0029	P	13.0
3	☐	5000.000	5288.731	286052.90	0.0297	P	24.2
4	☐	12500.000	12125.520	685427.60	0.0681	P	1.8
5	☐	25000.000	25120.915	1423546.38	0.1410	A	4.7
6	☐	50000.000	50513.785	2833296.73	0.2835	A	1.8
7	☐	100000.00	99600.911	5583183.74	0.5589	A	0.6
8	☐	500000.00	500028.86	24060389.92	2.8056	A	0.4

$$y = 5.6108E-006 * x + 6.3879E-005$$

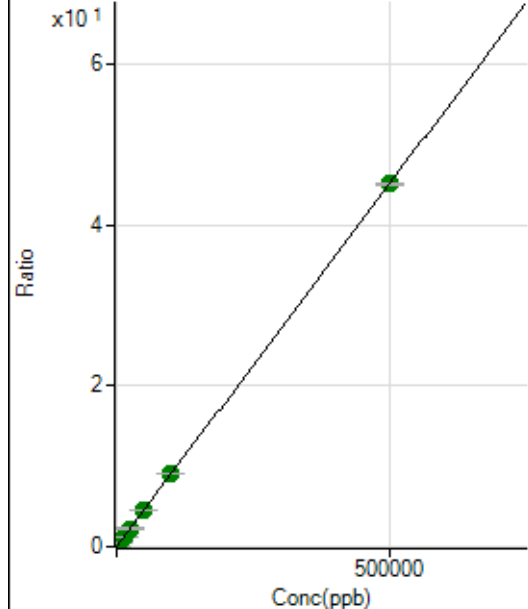
$$R = 1.0000$$

$$DL = 2.673$$

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	12528.88	0.0012	P	1.8
2	☐	500.000	502.045	501592.12	0.0465	P	12.7
3	☐	5000.000	5448.895	4738972.12	0.4925	A	24.2
4	☐	12500.000	12640.355	11483804.27	1.1408	A	0.7
5	☐	25000.000	25035.435	22803525.77	2.2583	A	3.9
6	☐	50000.000	50342.892	45373573.21	4.5399	A	2.1
7	☐	100000.00	99859.054	89946286.44	9.0040	A	0.8
8	☐	500000.00	499984.12	386573563.1	45.0774	A	0.5

$$y = 9.0155E-005 * x + 0.0012$$

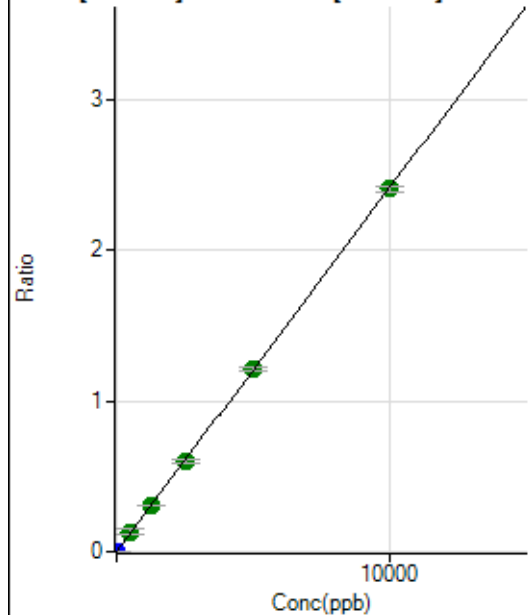
$$R = 1.0000$$

$$DL = 0.7418$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	188.89	0.0000	P	20.5
2	☐	5.000	4.971	13142.77	0.0012	P	11.2
3	☐	500.000	550.183	1277167.89	0.1326	A	23.7
4	☐	1250.000	1268.840	3078267.46	0.3058	A	1.9
5	☐	2500.000	2496.906	6076264.91	0.6018	A	4.2
6	☐	5000.000	5044.828	12152218.29	1.2159	A	2.0
7	☐	10000.000	9973.496	24011557.14	2.4038	A	1.3
8	☐			7635.44	0.0009	P	3.4

$$y = 2.4101E-004 * x + 1.8491E-005$$

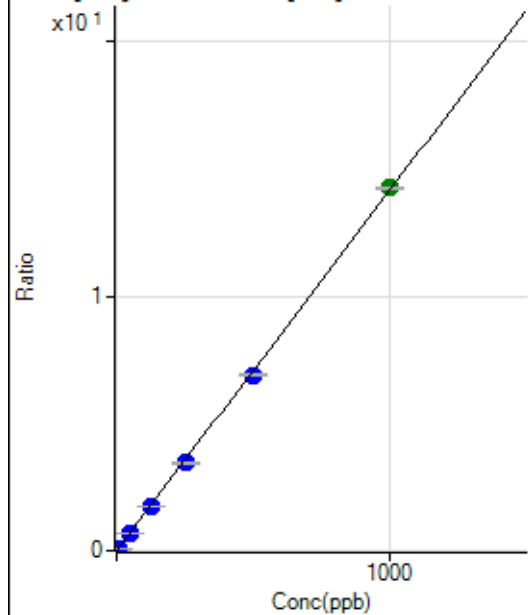
$$R = 1.0000$$

$$DL = 0.04713$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5.56	0.0000	P	34.3
2	☐	5.000	5.483	13200.62	0.0776	P	2.4
3	☐	50.000	47.166	121066.77	0.6675	P	0.8
4	☐	125.000	121.591	300174.24	1.7207	P	0.3
5	☐	250.000	244.622	597090.22	3.4618	P	2.9
6	☐	500.000	488.621	1200275.56	6.9147	P	0.5
7	☐	1000.000	1007.600	2511623.45	14.2591	A	0.7
8	☐			377.79	0.0025	P	6.2

$$y = 0.0142 * x + 3.1318E-005$$

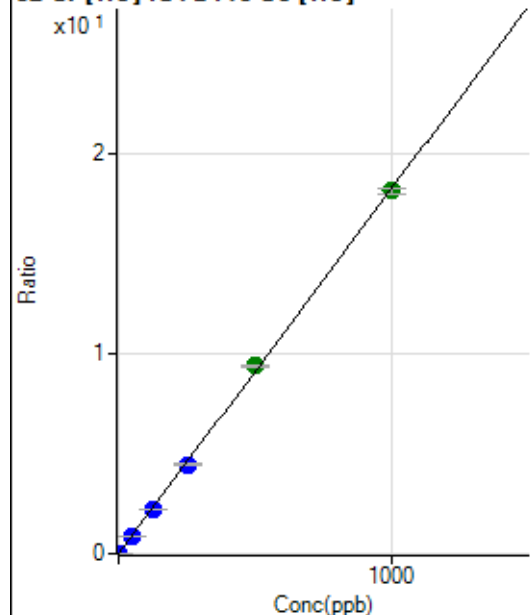
$$R = 0.9999$$

$$DL = 0.002274$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	498.90	0.0028	P	7.0
2	☐	2.000	2.241	7423.10	0.0437	P	5.9
3	☐	50.000	47.857	158808.33	0.8757	P	1.3
4	☐	125.000	122.491	390228.31	2.2370	P	0.3
5	☐	250.000	244.663	770167.09	4.4653	P	3.0
6	☐	500.000	515.127	1631345.57	9.3984	A	1.2
7	☐	1000.000	994.191	3194471.79	18.1362	A	1.5
8	☐			7192.85	0.0477	P	3.6

$$y = 0.0182 * x + 0.0028$$

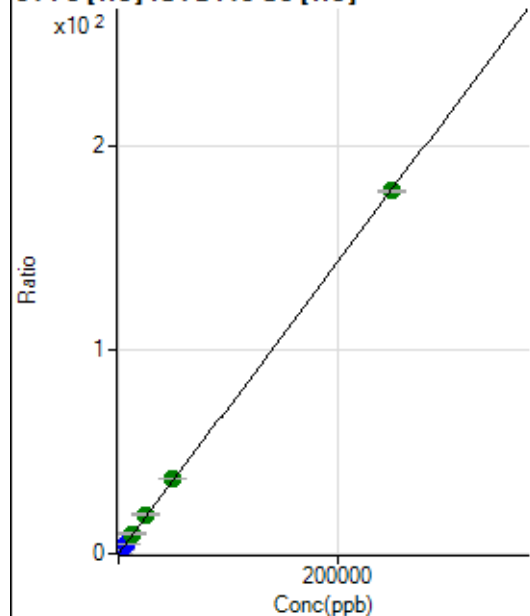
$$R = 0.9998$$

$$DL = 0.03221$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	854.48	0.0048	P	9.5
2	☐	50.000	56.991	7733.27	0.0455	P	7.2
3	☐	2500.000	2519.275	327181.78	1.8042	P	1.5
4	☐	6250.000	6436.295	802794.28	4.6020	P	0.0
5	☐	12500.000	13713.646	1689814.80	9.7998	A	4.8
6	☐	25000.000	27015.281	3350085.64	19.3006	A	1.8
7	☐	50000.000	51526.392	6483355.74	36.8077	A	0.8
8	☐	250000.00	249427.66	26834841.27	178.1595	A	0.6

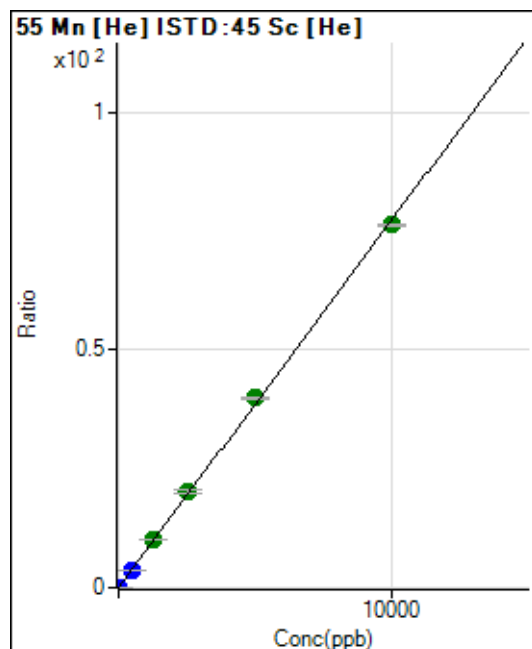
$$y = 7.1425E-004 * x + 0.0048$$

$$R = 0.9999$$

$$DL = 1.921$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	120.00	0.0007	P	20.7
2	☐	1.000	1.108	1571.21	0.0092	P	3.8
3	☐	500.000	483.084	677215.15	3.7340	P	0.8
4	☐	1250.000	1317.109	1775779.26	10.1795	A	0.4
5	☐	2500.000	2621.468	3494258.91	20.2598	A	3.3
6	☐	5000.000	5165.927	6929872.95	39.9237	A	1.2
7	☐	10000.000	9879.127	13447998.41	76.3480	A	0.9
8	☐			3887.23	0.0258	P	4.4

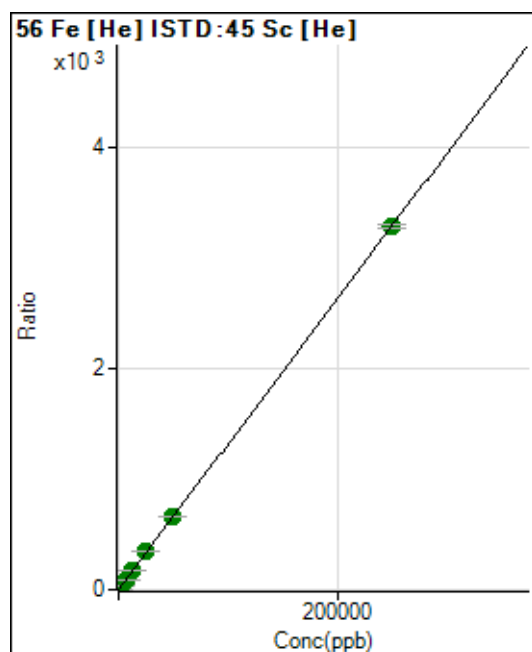
$$y = 0.0077 * x + 6.7694E-004$$

$$R = 0.9997$$

$$DL = 0.05431$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	22538.22	0.1276	P	66.0
2	☐	50.000	51.105	136016.01	0.8000	P	3.3
3	☐	2500.000	2571.809	6160739.35	33.9691	A	0.9
4	☐	6250.000	6635.419	15253173.94	87.4409	A	1.0
5	☐	12500.000	13327.568	30273795.94	175.5006	A	2.2
6	☐	25000.000	26225.504	59923756.33	345.2203	A	0.8
7	☐	50000.000	50114.060	116177056.0	659.5620	A	0.4
8	☐	250000.00	249802.90	495137863.7	3,287.201	A	0.9

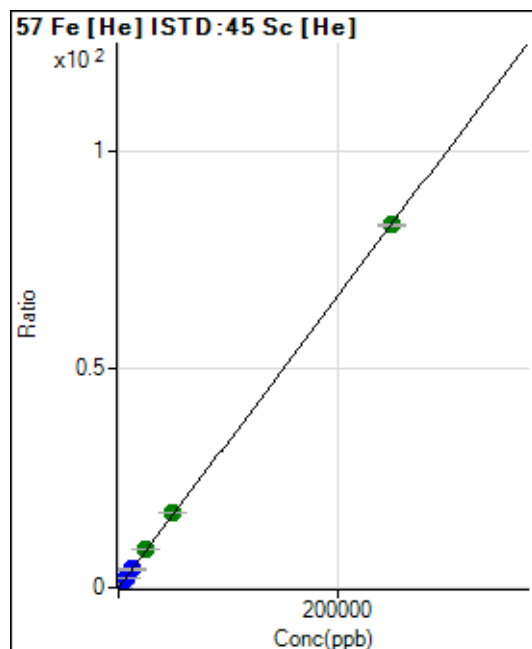
$$y = 0.0132 * x + 0.1276$$

$$R = 1.0000$$

$$DL = 19.2$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	377.79	0.0021	P	6.7
2	☐	50.000	55.790	3516.03	0.0207	P	3.6
3	☐	2500.000	2449.067	148006.07	0.8161	P	1.0
4	☐	6250.000	6323.212	366971.18	2.1037	P	0.7
5	☐	12500.000	12646.148	725337.44	4.2052	P	2.7
6	☐	25000.000	26398.224	1523369.16	8.7757	A	2.3
7	☐	50000.000	51293.001	3003180.93	17.0497	A	0.3
8	☐	250000.00	249592.94	12495101.62	82.9559	A	0.8

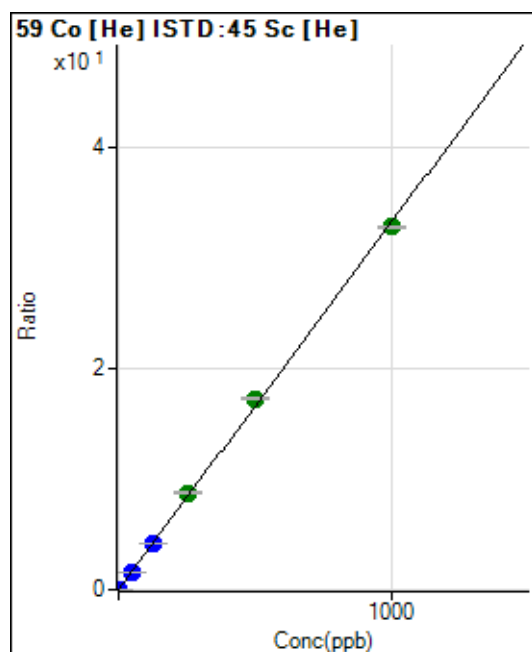
$$y = 3.3236E-004 * x + 0.0021$$

$$R = 1.0000$$

$$DL = 1.29$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	67.78	0.0004	P	23.3
2	☐	1.000	1.159	6620.48	0.0390	P	6.6
3	☐	50.000	49.147	296804.81	1.6368	P	1.6
4	☐	125.000	125.160	727016.73	4.1676	P	0.5
5	☐	250.000	262.756	1509202.30	8.7490	A	2.5
6	☐	500.000	519.431	3002196.07	17.2951	A	0.5
7	☐	1000.000	987.118	5789229.43	32.8671	A	0.8
8	☐			10006.92	0.0664	P	2.0

$$y = 0.0333 * x + 3.8295E-004$$

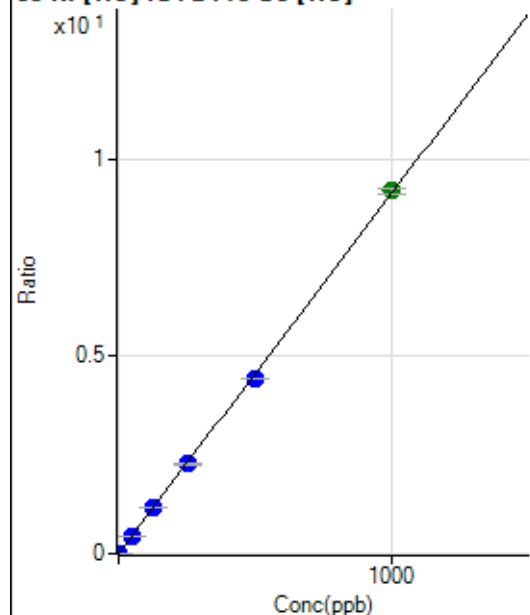
$$R = 0.9996$$

$$DL = 0.008028$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1154.51	0.0065	P	4.0
2	☐	1.000	1.143	2879.21	0.0169	P	5.3
3	☐	50.000	49.385	82814.67	0.4566	P	1.1
4	☐	125.000	125.678	200962.91	1.1520	P	1.1
5	☐	250.000	249.337	393120.06	2.2792	P	2.8
6	☐	500.000	484.700	768009.58	4.4244	P	0.6
7	☐	1000.000	1007.762	1619119.42	9.1920	A	1.3
8	☐			6365.92	0.0423	P	2.3

$$y = 0.0091 * x + 0.0065$$

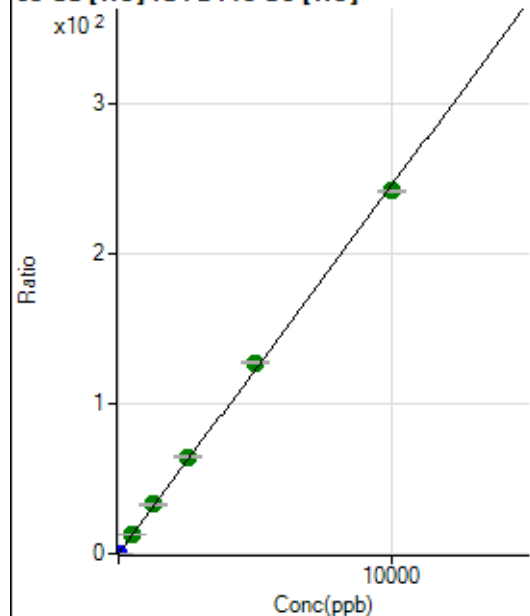
$$R = 0.9998$$

$$DL = 0.08551$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3448.23	0.0195	P	2.4
2	☐	2.000	2.388	13282.96	0.0781	P	2.8
3	☐	500.000	527.339	2352663.98	12.9707	A	0.3
4	☐	1250.000	1333.199	5715219.36	32.7622	A	0.6
5	☐	2500.000	2638.077	11179240.11	64.8094	A	2.5
6	☐	5000.000	5186.805	22114631.34	127.4049	A	1.4
7	☐	10000.000	9860.311	42659109.37	242.1839	A	0.3
8	☐			9635.56	0.0640	P	3.8

$$y = 0.0246 * x + 0.0195$$

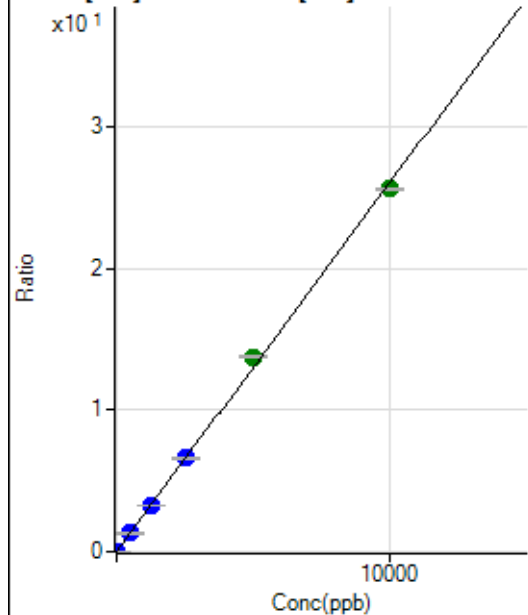
$$R = 0.9996$$

$$DL = 0.05682$$

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	260.00	0.0015	P	15.5
2	☐	5.000	6.224	3003.68	0.0177	P	6.1
3	☐	500.000	498.627	235781.76	1.3002	P	1.6
4	☐	1250.000	1272.855	578586.56	3.3168	P	0.5
5	☐	2500.000	2534.122	1138714.69	6.6019	P	2.8
6	☐	5000.000	5291.577	2392598.90	13.7840	A	1.6
7	☐	10000.000	9842.892	4516084.52	25.6384	A	0.7
8	☐			5475.55	0.0364	P	2.7

$$y = 0.0026 * x + 0.0015$$

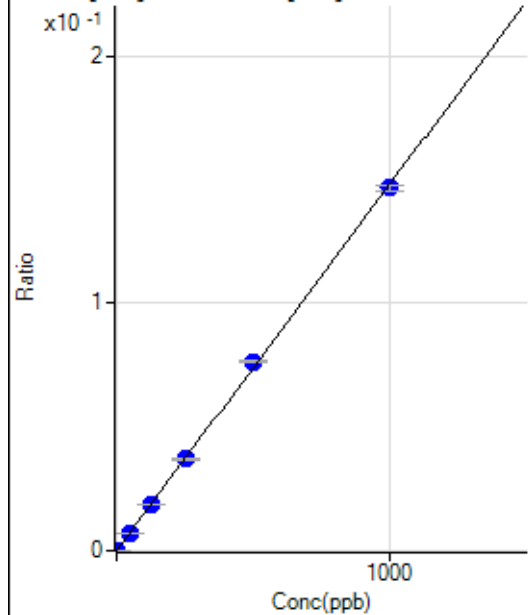
$$R = 0.9994$$

$$DL = 0.2623$$

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	1.11	0.0000	P	173.
2	☐	1.000	1.227	312.23	0.0002	P	10.4
3	☐	50.000	49.112	13248.54	0.0073	P	1.5
4	☐	125.000	125.594	33212.39	0.0186	P	0.5
5	☐	250.000	251.372	66011.42	0.0372	P	2.4
6	☐	500.000	516.525	133756.51	0.0765	P	1.5
7	☐	1000.000	991.364	261291.48	0.1468	P	1.6
8	☐			97.78	0.0001	P	3.2

$$y = 1.4804E-004 * x + 6.1724E-007$$

$$R = 0.9998$$

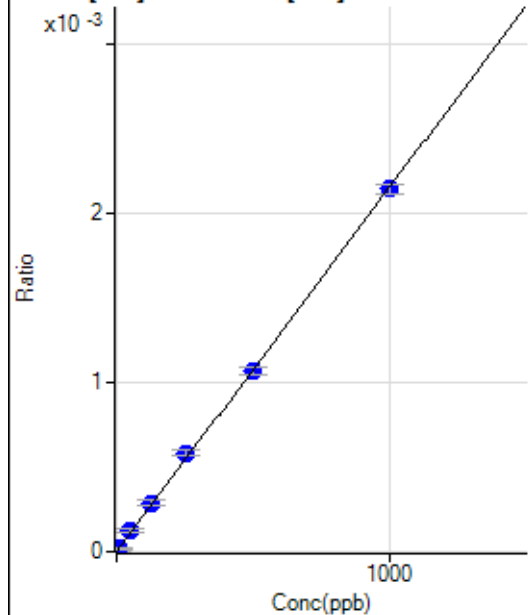
$$DL = 0.02167$$

Weight: <None>

Min Conc: 0

Calibration for 015LLIC.d

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.
2	☐	5.000	8.475	32.22	0.0000	P	46.3
3	☐	50.000	59.264	234.45	0.0001	P	17.9
4	☐	125.000	132.607	511.13	0.0003	P	10.7
5	☐	250.000	271.096	1036.71	0.0006	P	4.4
6	☐	500.000	494.887	1865.70	0.0011	P	3.9
7	☐	1000.000	995.851	3820.55	0.0021	P	2.6
8	☐			2.22	0.0000	P	173.

$$y = 2.1542\text{E-}006 * x + 6.1943\text{E-}007$$

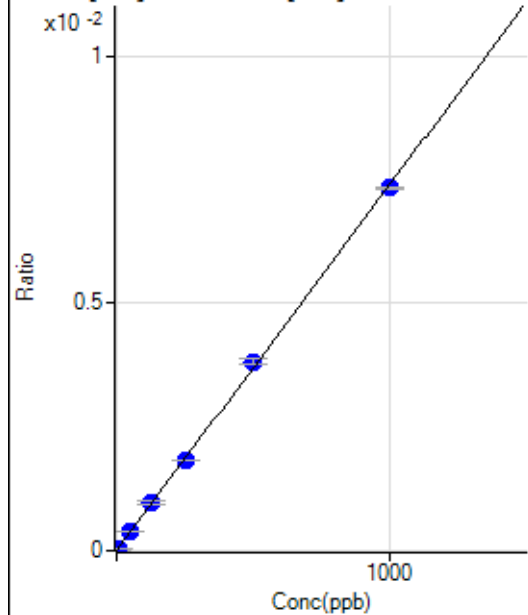
$$R = 0.9997$$

$$DL = 1.494$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	6.67	0.0000	P	86.6
2	☐	5.000	6.704	91.11	0.0001	P	9.7
3	☐	50.000	52.870	718.91	0.0004	P	3.7
4	☐	125.000	130.237	1726.79	0.0010	P	6.7
5	☐	250.000	246.250	3237.07	0.0018	P	1.7
6	☐	500.000	516.176	6679.43	0.0038	P	2.7
7	☐	1000.000	992.043	13061.72	0.0073	P	0.9
8	☐			7.78	0.0000	P	22.8

$$y = 7.3910\text{E-}006 * x + 3.7151\text{E-}006$$

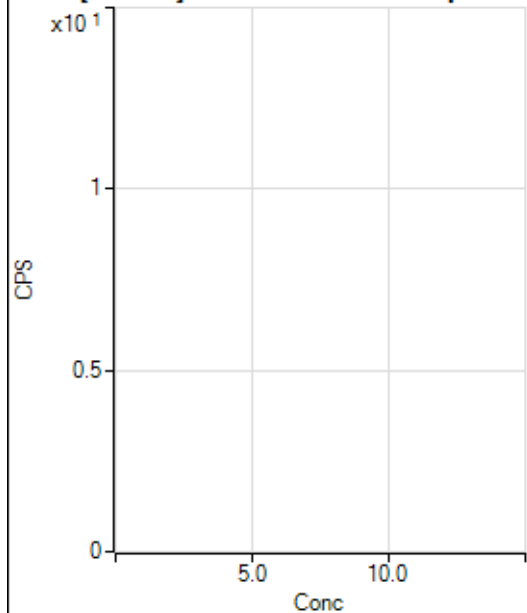
$$R = 0.9998$$

$$DL = 1.306$$

Weight: <None>

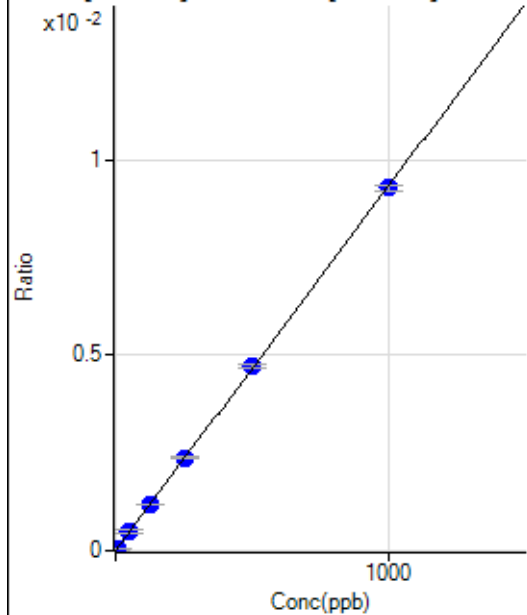
Min Conc: 0

81 Br [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6494.90		P	0.3
2	☐			6387.07		P	1.5
3	☐			6664.97		P	1.9
4	☐			6581.59		P	4.2
5	☐			6723.90		P	2.7
6	☐			7118.55		P	2.4
7	☐			7374.22		P	2.1
8	☐			7478.73		P	4.3

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	45.56	0.0000	P	74.3
2	☐	5.000	4.985	1293.42	0.0000	P	11.7
3	☐	50.000	54.276	12415.75	0.0005	P	19.7
4	☐	125.000	127.475	30465.71	0.0012	P	2.4
5	☐	250.000	253.777	60483.73	0.0024	P	2.0
6	☐	500.000	506.780	120100.61	0.0047	P	1.3
7	☐	1000.000	995.143	235530.80	0.0093	P	1.8
8	☐			52.22	0.0000	P	24.3

$$y = 9.3292E-006 * x + 1.7752E-006$$

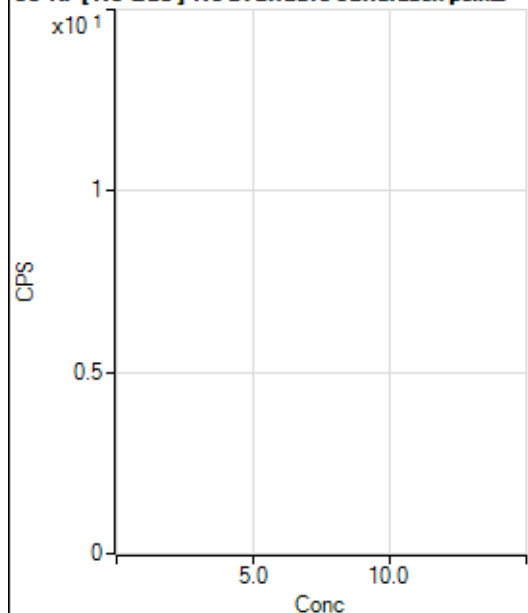
$$R = 1.0000$$

$$DL = 0.4241$$

Weight: <None>

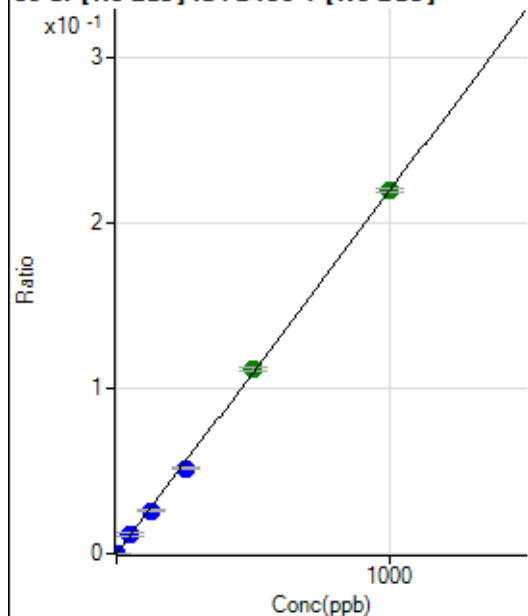
Min Conc: 0

83 Kr [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			148.89		P	6.8
2	☐			182.23		P	12.2
3	☐			172.22		P	23.1
4	☐			173.34		P	5.1
5	☐			176.67		P	19.9
6	☐			211.11		P	19.0
7	☐			222.23		P	3.5
8	☐			334.45		P	11.0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	307.78	0.0000	P	9.0
2	☐	1.000	0.942	5845.72	0.0002	P	12.6
3	☐	50.000	51.572	274767.13	0.0113	P	23.1
4	☐	125.000	118.200	662329.24	0.0259	P	2.1
5	☐	250.000	235.121	1314532.86	0.0515	P	1.6
6	☐	500.000	508.996	2830318.92	0.1115	A	1.4
7	☐	1000.000	999.993	5554309.64	0.2190	A	1.0
8	☐			12959.46	0.0006	P	2.0

$$y = 2.1895E-004 * x + 1.2028E-005$$

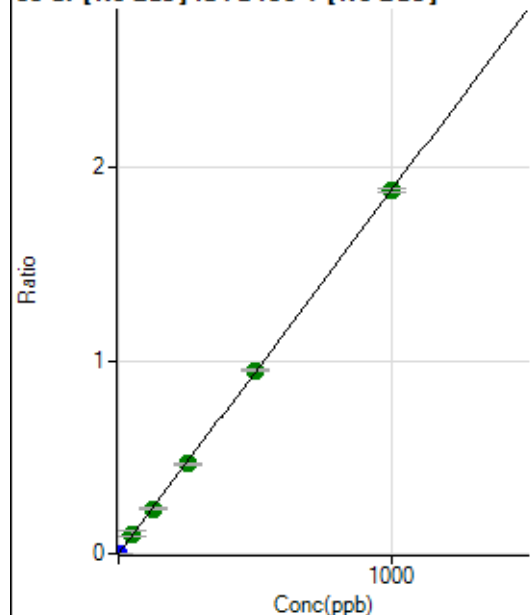
$$R = 0.9998$$

$$DL = 0.01477$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	391.12	0.0000	P	5.4
2	☐	1.000	0.936	47600.94	0.0018	P	12.6
3	☐	50.000	54.699	2501182.03	0.1030	A	23.7
4	☐	125.000	123.294	5937817.34	0.2321	A	3.0
5	☐	250.000	247.589	11897762.46	0.4661	A	2.4
6	☐	500.000	504.638	24124382.69	0.9500	A	1.6
7	☐	1000.000	998.262	47668973.73	1.8792	A	1.0
8	☐			110417.44	0.0050	P	1.1

$$y = 0.0019 * x + 1.5280E-005$$

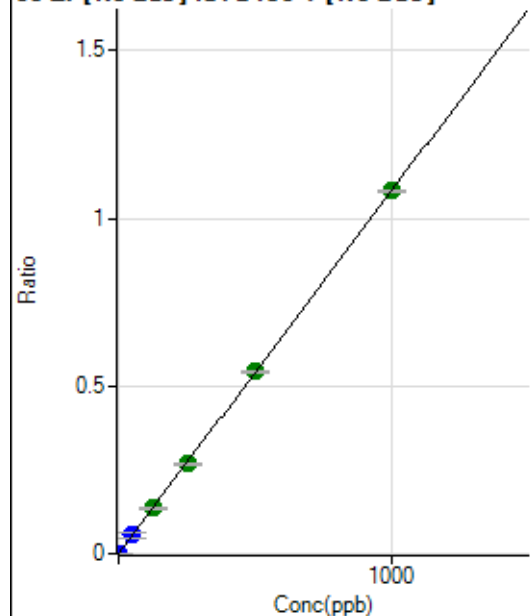
$$R = 1.0000$$

$$DL = 0.001326$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	853.37	0.0000	P	6.3
2	☐	1.000	0.969	28966.82	0.0011	P	11.0
3	☐	50.000	50.574	1328524.54	0.0547	P	24.1
4	☐	125.000	124.759	3452648.35	0.1350	A	1.6
5	☐	250.000	247.006	6819937.88	0.2672	A	2.6
6	☐	500.000	501.642	13778050.35	0.5426	A	1.5
7	☐	1000.000	999.929	27433664.04	1.0815	A	0.7
8	☐			13563.39	0.0006	P	4.4

$$y = 0.0011 * x + 3.3329E-005$$

$$R = 1.0000$$

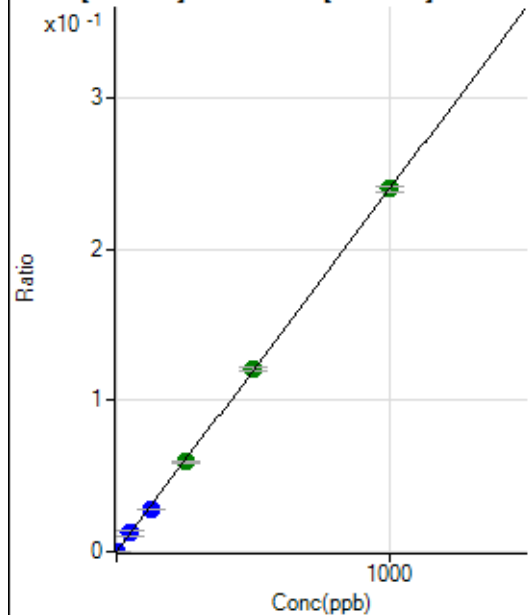
$$DL = 0.005796$$

Weight: <None>

Min Conc: 0

Calibration for 015LLIC.d

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	165.56	0.0000	P	9.4
2	☐	1.000	0.963	6349.28	0.0002	P	12.3
3	☐	50.000	50.771	295444.34	0.0122	P	24.0
4	☐	125.000	116.903	716671.05	0.0280	P	2.5
5	☐	250.000	247.741	1515406.09	0.0594	A	2.3
6	☐	500.000	502.448	3057214.64	0.1204	A	1.8
7	☐	1000.000	1000.314	6079831.16	0.2397	A	1.4
8	☐			3042.59	0.0001	P	6.0

$$y = 2.3960E-004 * x + 6.4703E-006$$

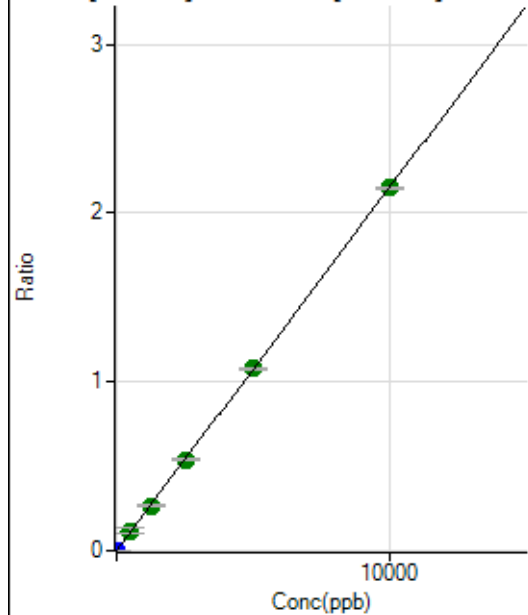
$$R = 1.0000$$

$$DL = 0.00762$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	370.01	0.0000	P	6.0
2	☐	5.000	5.780	33725.27	0.0013	P	10.8
3	☐	500.000	549.166	2872345.76	0.1182	A	23.2
4	☐	1250.000	1242.683	6840431.01	0.2674	A	3.1
5	☐	2500.000	2493.022	13695802.85	0.5365	A	2.1
6	☐	5000.000	5021.863	27443830.98	1.0807	A	0.9
7	☐	10000.000	9989.269	54530670.30	2.1497	A	0.5
8	☐			11696.18	0.0005	P	10.5

$$y = 2.1520E-004 * x + 1.4443E-005$$

$$R = 1.0000$$

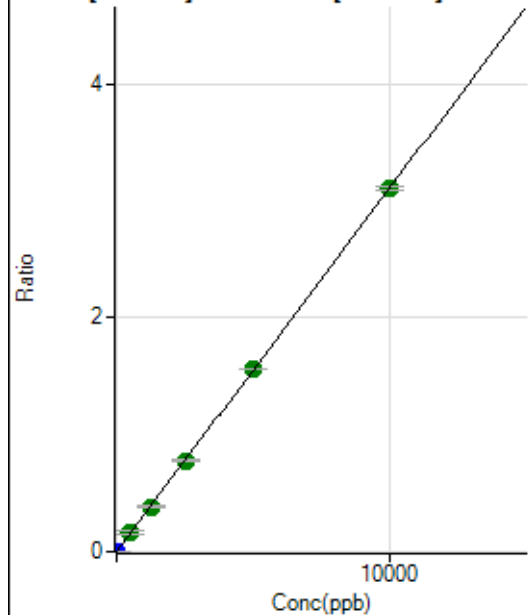
$$DL = 0.01211$$

Weight: <None>

Min Conc: 0

Calibration for 015LLIC.d

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	150.00	0.0000	P	3.3
2	☐	5.000	4.849	40481.01	0.0015	P	11.5
3	☐	500.000	541.575	4087455.42	0.1681	A	23.1
4	☐	1250.000	1242.700	9869320.06	0.3858	A	2.1
5	☐	2500.000	2494.023	19766705.68	0.7743	A	1.7
6	☐	5000.000	5032.278	39672522.19	1.5623	A	0.6
7	☐	10000.000	9984.189	78624273.27	3.0996	A	1.2
8	☐			10526.35	0.0005	P	12.8

$$y = 3.1045\text{E-}004 * x + 5.8593\text{E-}006$$

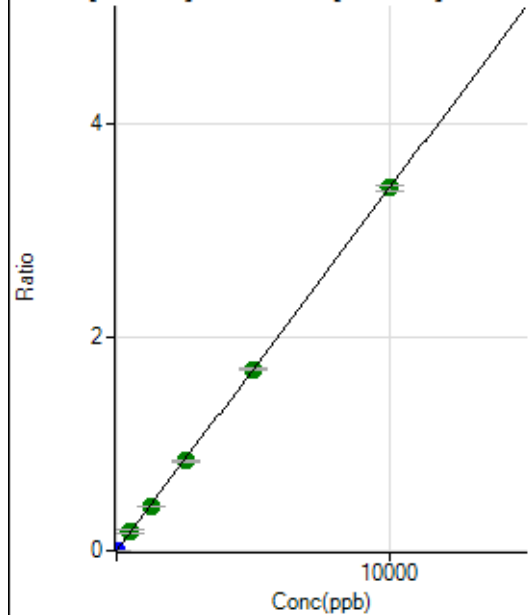
$$R = 1.0000$$

$$DL = 0.001887$$

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	188.89	0.0000	P	8.2
2	☐	5.000	4.889	44656.04	0.0017	P	11.9
3	☐	500.000	542.586	4473009.20	0.1842	A	24.0
4	☐	1250.000	1235.031	10728846.23	0.4194	A	1.2
5	☐	2500.000	2478.726	21484417.46	0.8417	A	2.6
6	☐	5000.000	5006.364	43168927.13	1.7000	A	0.6
7	☐	10000.000	10001.878	86149439.83	3.3962	A	1.7
8	☐			15038.31	0.0007	P	10.4

$$y = 3.3956\text{E-}004 * x + 7.3783\text{E-}006$$

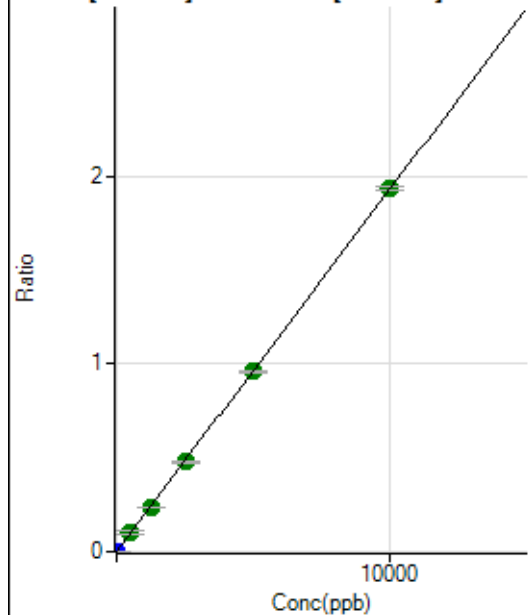
$$R = 1.0000$$

$$DL = 0.005376$$

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	80.00	0.0000	P	21.7
2	☐	5.000	4.932	25572.54	0.0010	P	11.8
3	☐	500.000	540.371	2534903.71	0.1043	A	23.1
4	☐	1250.000	1232.848	6085729.98	0.2379	A	2.2
5	☐	2500.000	2471.036	12172380.79	0.4768	A	2.1
6	☐	5000.000	4968.288	24345899.36	0.9587	A	0.2
7	☐	10000.000	10023.222	49064591.49	1.9342	A	1.0
8	☐			5007.64	0.0002	P	18.6

$$y = 1.9297E-004 * x + 3.1233E-006$$

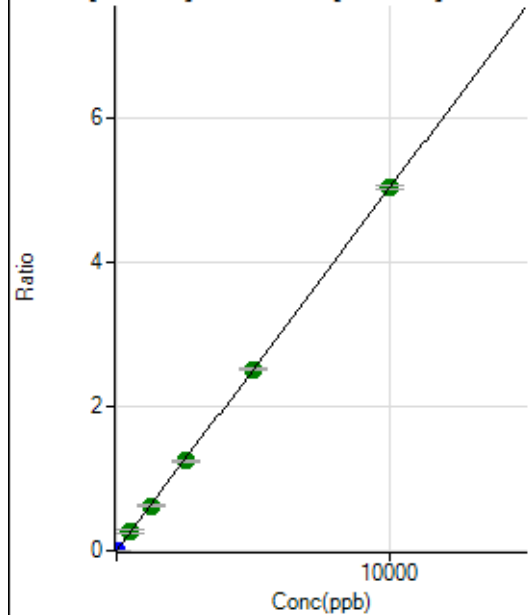
$$R = 1.0000$$

$$DL = 0.01055$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	224.45	0.0000	P	27.9
2	☐	5.000	4.828	65226.83	0.0024	P	11.7
3	☐	500.000	535.465	6547775.04	0.2691	A	22.6
4	☐	1250.000	1237.321	15908669.35	0.6219	A	2.5
5	☐	2500.000	2486.031	31897927.86	1.2495	A	2.1
6	☐	5000.000	4995.571	63761652.94	2.5109	A	0.9
7	☐	10000.000	10005.518	127565231.4	5.0290	A	1.0
8	☐			12679.42	0.0006	P	21.1

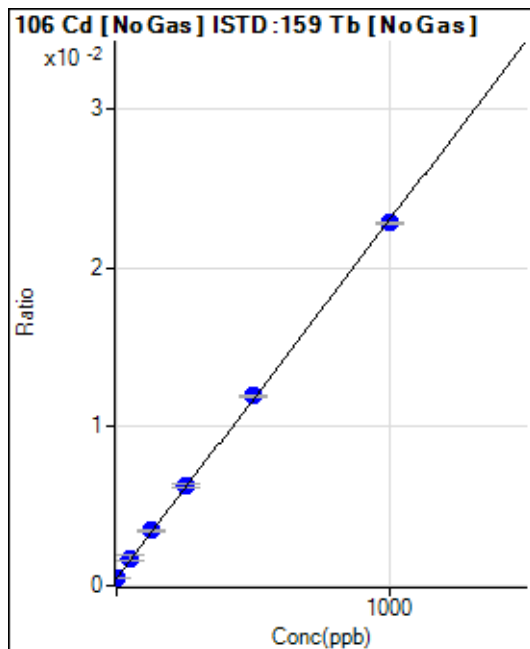
$$y = 5.0262E-004 * x + 8.7854E-006$$

$$R = 1.0000$$

$$DL = 0.01464$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	8450.45	0.0005	P	2.1
2	☐	1.000	1.001	9393.32	0.0005	P	1.0
3	☐	50.000	56.819	31144.13	0.0017	P	17.1
4	☐	125.000	132.809	64058.73	0.0035	P	1.6
5	☐	250.000	256.695	117276.19	0.0063	P	3.6
6	☐	500.000	509.462	224496.80	0.0120	P	1.0
7	☐	1000.000	992.278	430122.25	0.0229	P	0.7
8	☐			7213.06	0.0004	P	3.7

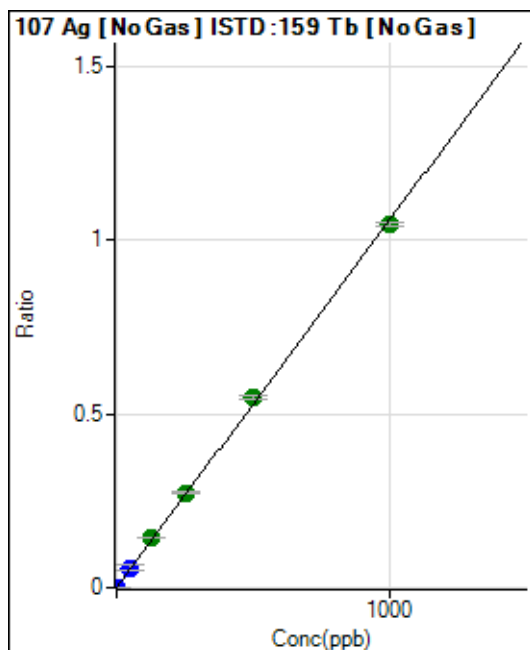
$$y = 2.2581\text{E-}005 * x + 4.5522\text{E-}004$$

$$R = 0.9999$$

$$DL = 1.264$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	197.78	0.0000	P	12.0
2	☐	1.000	0.998	20782.39	0.0011	P	11.5
3	☐	50.000	54.857	1028057.04	0.0580	P	24.2
4	☐	125.000	135.185	2650706.42	0.1429	A	1.0
5	☐	250.000	258.902	5134967.66	0.2737	A	3.8
6	☐	500.000	517.780	10275473.46	0.5474	A	2.0
7	☐	1000.000	987.369	19638590.54	1.0438	A	1.1
8	☐			2375.79	0.0001	P	15.9

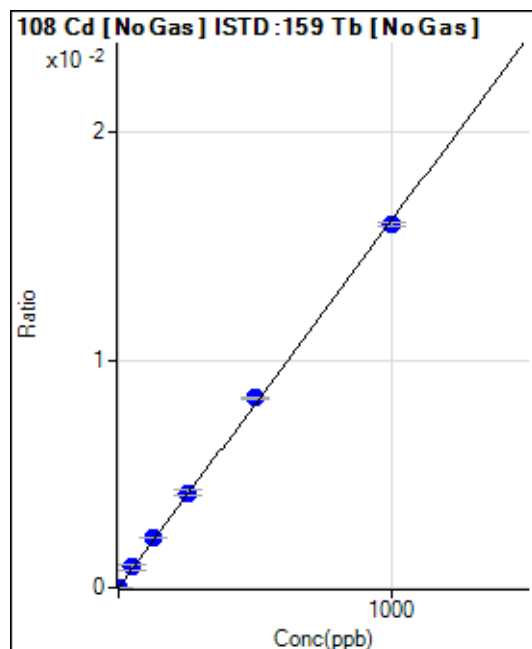
$$y = 0.0011 * x + 1.0655\text{E-}005$$

$$R = 0.9997$$

$$DL = 0.00362$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	25.56	0.0000	P	19.9
2	☐	1.000	1.051	360.01	0.0000	P	3.2
3	☐	50.000	56.960	16267.49	0.0009	P	25.8
4	☐	125.000	134.301	40176.17	0.0022	P	1.2
5	☐	250.000	258.440	78154.29	0.0042	P	4.8
6	☐	500.000	516.560	156333.85	0.0083	P	1.1
7	☐	1000.000	988.099	299694.52	0.0159	P	1.1
8	☐			158.89	0.0000	P	13.5

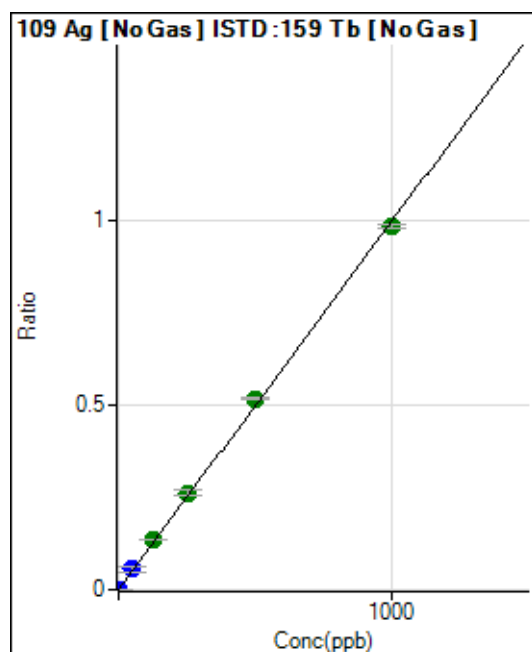
$$y = 1.6120E-005 * x + 1.3768E-006$$

$$R = 0.9997$$

$$DL = 0.05108$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	73.33	0.0000	P	29.9
2	☐	1.000	0.989	19242.42	0.0010	P	13.2
3	☐	50.000	55.571	979992.87	0.0553	P	24.3
4	☐	125.000	136.178	2512876.39	0.1355	A	0.8
5	☐	250.000	263.286	4912844.65	0.2620	A	4.6
6	☐	500.000	518.343	9681019.72	0.5157	A	1.4
7	☐	1000.000	985.831	18453884.03	0.9809	A	1.2
8	☐			2240.21	0.0001	P	21.2

$$y = 9.9494E-004 * x + 3.9517E-006$$

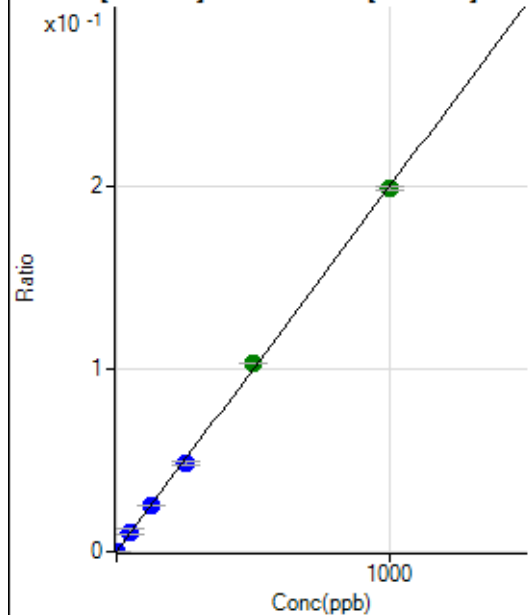
$$R = 0.9996$$

$$DL = 0.003569$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1694.42	0.0001	P	1.7
2	☐	1.000	1.055	5912.93	0.0003	P	7.5
3	☐	50.000	54.265	194068.38	0.0109	P	23.4
4	☐	125.000	125.137	465535.10	0.0251	P	2.2
5	☐	250.000	243.081	913220.63	0.0487	P	3.4
6	☐	500.000	516.229	1938599.11	0.1033	A	0.7
7	☐	1000.000	993.385	3737296.67	0.1986	A	1.1
8	☐			2178.09	0.0001	P	2.1

$$y = 1.9988\text{E-}004 * x + 9.1279\text{E-}005$$

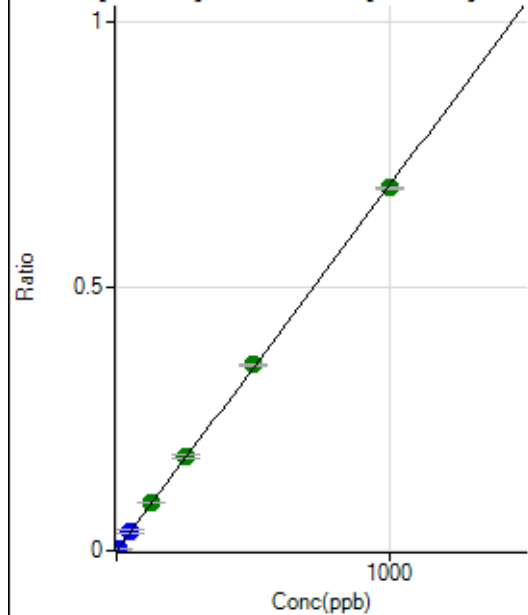
$$R = 0.9998$$

$$DL = 0.02298$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1621.65	0.0001	P	23.7
2	☐	5.000	4.999	69142.12	0.0035	P	12.0
3	☐	50.000	53.480	657080.60	0.0371	P	24.5
4	☐	125.000	130.456	1675489.30	0.0903	A	1.2
5	☐	250.000	257.292	3340871.69	0.1781	A	3.7
6	☐	500.000	508.626	6607223.16	0.3520	A	0.5
7	☐	1000.000	993.008	12927309.81	0.6871	A	0.3
8	☐			3309.33	0.0002	P	11.7

$$y = 6.9186\text{E-}004 * x + 8.7363\text{E-}005$$

$$R = 0.9999$$

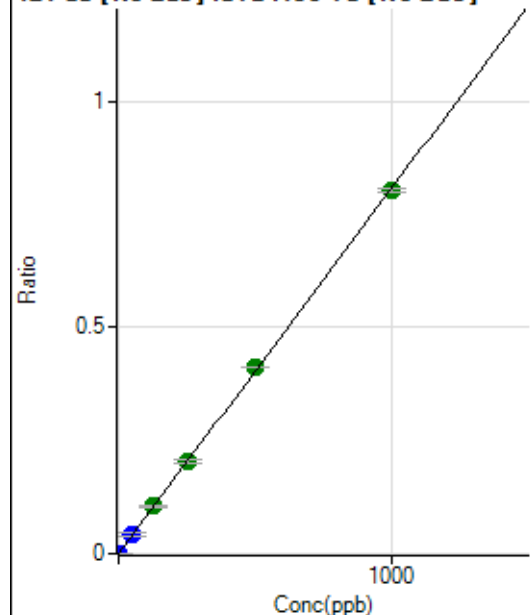
$$DL = 0.08963$$

Weight: <None>

Min Conc: 0

Calibration for 015LLIC.d

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	65.56	0.0000	P	17.8
2	☐	2.000	1.972	31147.70	0.0016	P	10.8
3	☐	50.000	52.670	754826.06	0.0425	P	23.5
4	☐	125.000	129.574	1940782.70	0.1047	A	3.2
5	☐	250.000	253.909	3845968.90	0.2051	A	4.7
6	☐	500.000	509.992	7732098.84	0.4119	A	0.2
7	☐	1000.000	993.322	15094131.58	0.8023	A	1.2
8	☐			8715.10	0.0005	P	5.2

$$y = 8.0767E-004 * x + 3.5315E-006$$

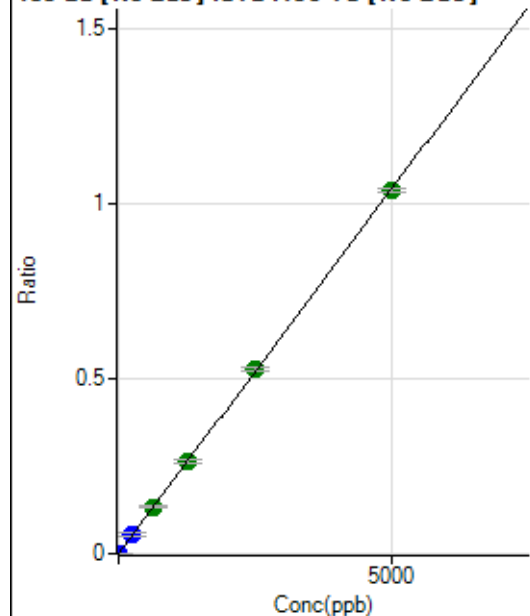
$$R = 0.9999$$

$$DL = 0.002341$$

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	303.34	0.0000	P	14.3
2	☐	10.000	10.010	40939.45	0.0021	P	12.1
3	☐	250.000	261.176	963069.36	0.0544	P	24.7
4	☐	625.000	646.050	2493844.82	0.1345	A	2.7
5	☐	1250.000	1264.813	4936759.41	0.2633	A	5.1
6	☐	2500.000	2533.089	9896985.06	0.5272	A	1.8
7	☐	5000.000	4976.562	19487599.71	1.0358	A	0.9
8	☐			6980.76	0.0004	P	8.4

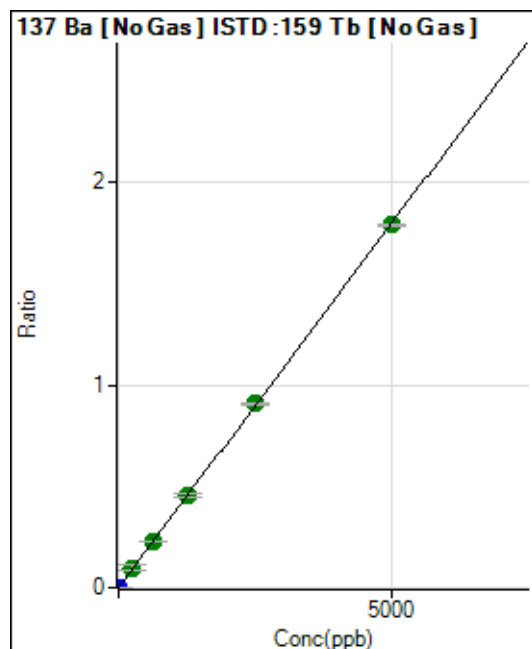
$$y = 2.0813E-004 * x + 1.6339E-005$$

$$R = 1.0000$$

$$DL = 0.03365$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	477.79	0.0000	P	7.2
2	☐	10.000	9.870	69751.65	0.0036	P	11.1
3	☐	250.000	275.897	1758655.36	0.0992	A	24.3
4	☐	625.000	636.748	4246780.21	0.2290	A	1.7
5	☐	1250.000	1258.340	8487615.85	0.4525	A	4.2
6	☐	2500.000	2527.743	17062861.00	0.9090	A	1.0
7	☐	5000.000	4981.281	33700608.39	1.7913	A	0.8
8	☐			12557.06	0.0008	P	7.8

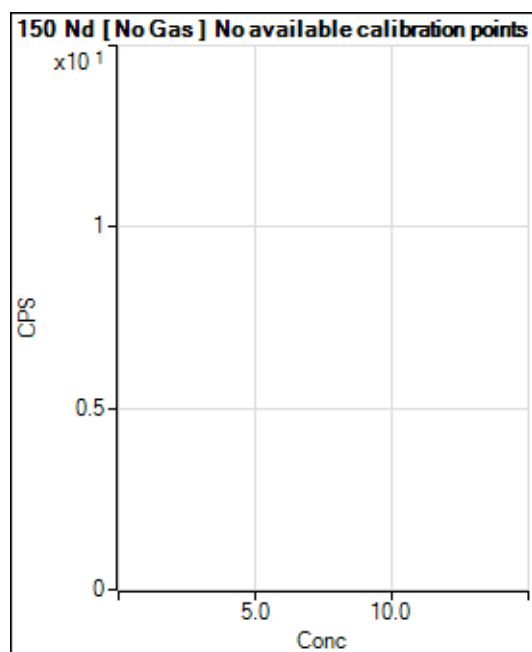
$$y = 3.5960E-004 * x + 2.5740E-005$$

$$R = 1.0000$$

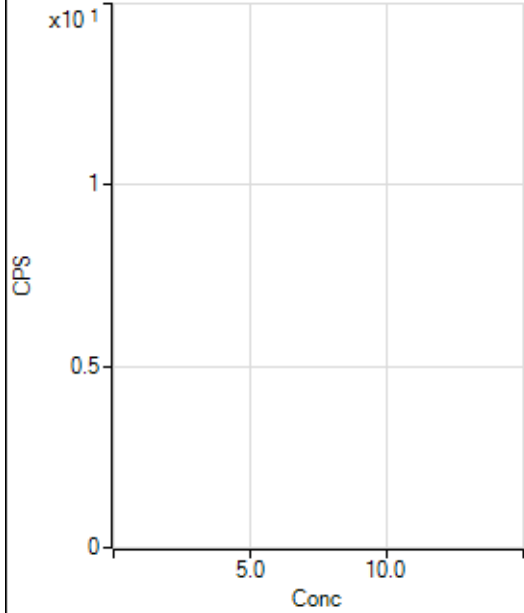
$$DL = 0.0155$$

Weight: <None>

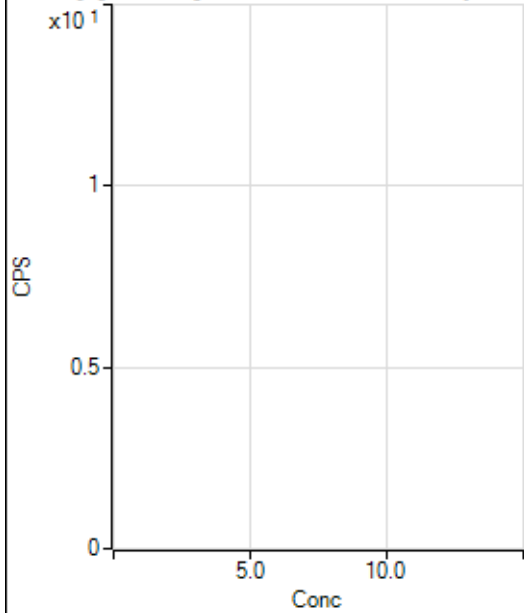
Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			17.78		P	21.7
2	☐			25.55		P	52.7
3	☐			87.78		P	8.8
4	☐			216.67		P	17.7
5	☐			472.23		P	12.6
6	☐			820.04		P	9.1
7	☐			1569.00		P	6.3
8	☐			341.12		P	5.6

150 Nd [He] No available calibration points

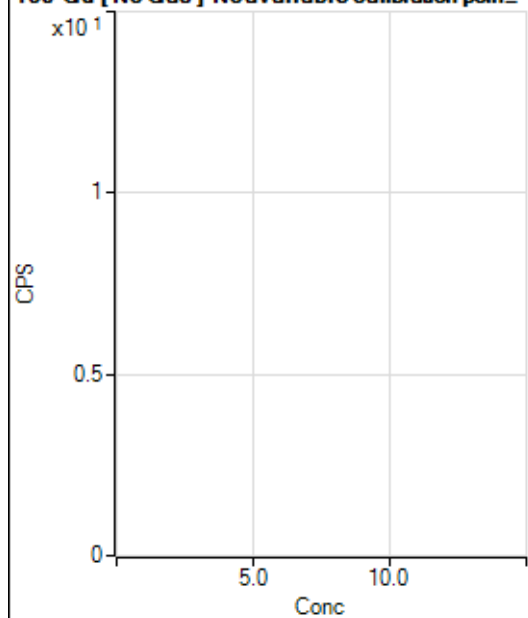
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.55		P	69.3
2	☐			1.11		P	173.
3	☐			0.00		P	
4	☐			4.45		P	86.6
5	☐			16.67		P	52.9
6	☐			36.67		P	NaN
7	☐			60.00		P	11.1
8	☐			60.00		P	29.4

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			54.45		P	46.8
2	☐			51.11		P	15.1
3	☐			77.78		P	13.1
4	☐			94.45		P	11.3
5	☐			135.56		P	15.0
6	☐			215.56		P	11.4
7	☐			382.23		P	15.4
8	☐			550.02		P	6.7

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐			3.33		P	100.
3	☐			5.55		P	69.3
4	☐			3.33		P	173.
5	☐			15.56		P	75.3
6	☐			26.67		P	33.1
7	☐			53.34		P	28.6
8	☐			177.78		P	8.7

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

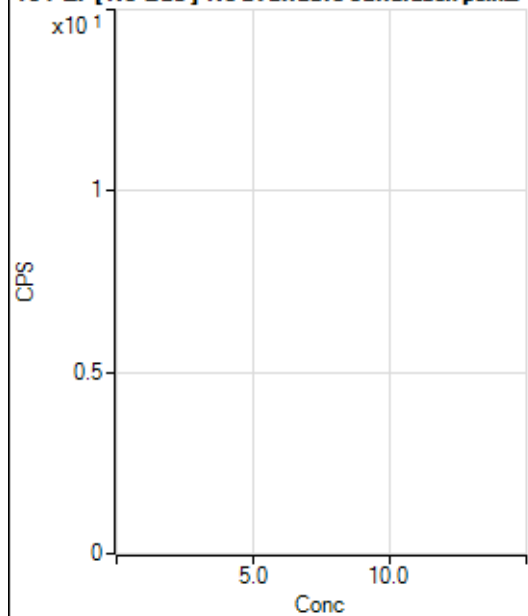
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			90.00		P	3.7
2	☐			94.45		P	4.1
3	☐			87.78		P	5.8
4	☐			85.56		P	29.2
5	☐			121.11		P	15.2
6	☐			125.56		P	10.1
7	☐			248.89		P	7.4
8	☐			531.13		P	5.1

160 Gd [He] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			17.78		P	39.0
2	☐			10.00		P	66.7
3	☐			17.78		P	47.2
4	☐			27.78		P	48.5
5	☐			32.22		P	26.0
6	☐			53.33		P	16.5
7	☐			50.00		P	43.7
8	☐			188.89		P	22.5

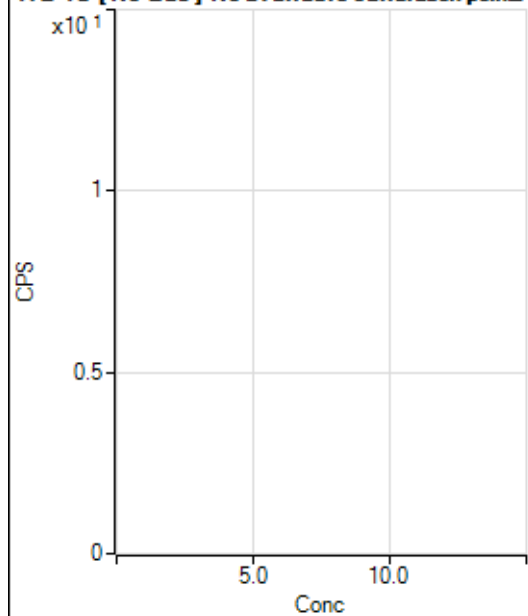
164 Er [No Gas] No available calibration points



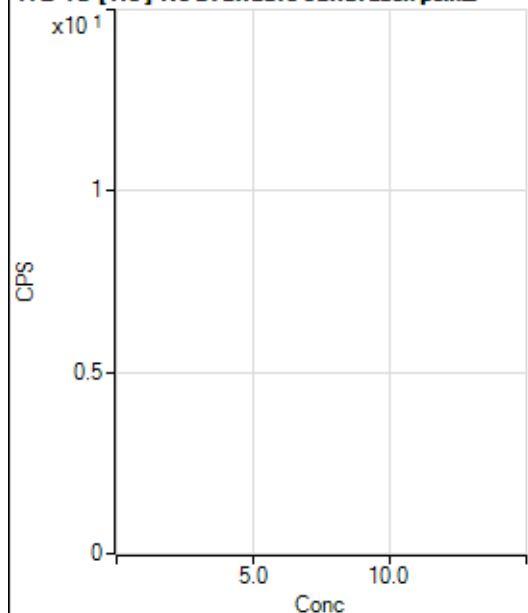
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			90.00		P	20.6
2	☐			103.33		P	9.7
3	☐			97.78		P	11.0
4	☐			111.12		P	6.2
5	☐			146.67		P	12.7
6	☐			181.11		P	10.5
7	☐			305.56		P	20.9
8	☐			587.80		P	10.4

164 Er [He] No available calibration points

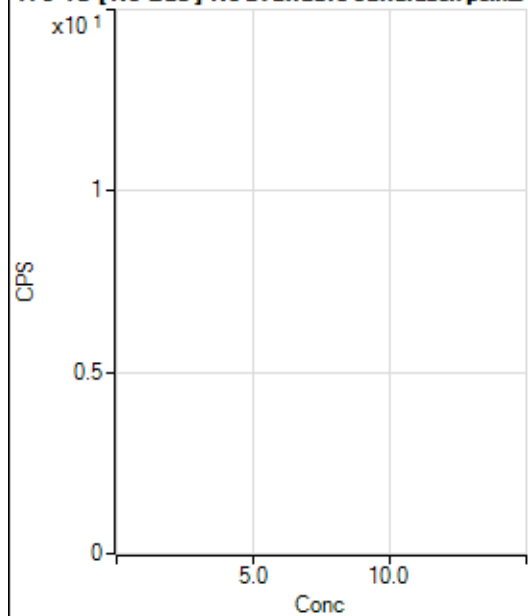
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			18.89		P	20.4
2	☐			22.22		P	43.3
3	☐			37.78		P	5.1
4	☐			41.11		P	24.8
5	☐			32.22		P	12.0
6	☐			53.33		P	22.5
7	☐			66.67		P	13.2
8	☐			198.89		P	13.4

172 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			90.00		P	19.6
2	☐			113.34		P	10.2
3	☐			110.00		P	21.0
4	☐			113.33		P	24.1
5	☐			156.67		P	25.8
6	☐			193.34		P	1.7
7	☐			264.45		P	16.0
8	☐			733.36		P	13.6

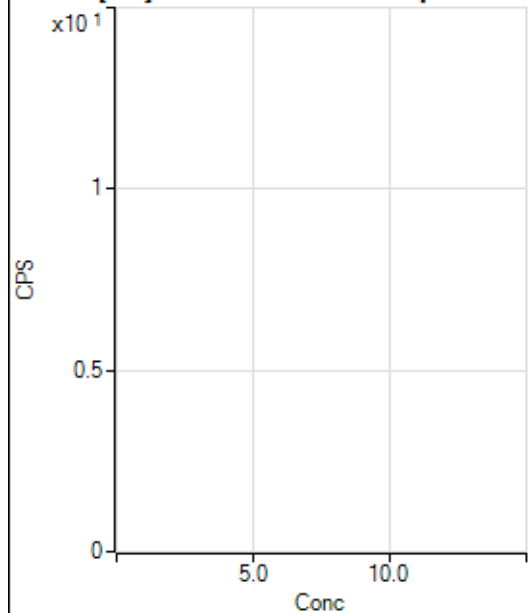
172 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			43.33		P	50.4
2	☐			31.11		P	40.6
3	☐			37.78		P	10.2
4	☐			66.67		P	20.0
5	☐			57.78		P	24.0
6	☐			71.11		P	9.8
7	☐			126.67		P	11.5
8	☐			272.23		P	16.3

176 Yb [No Gas] No available calibration points

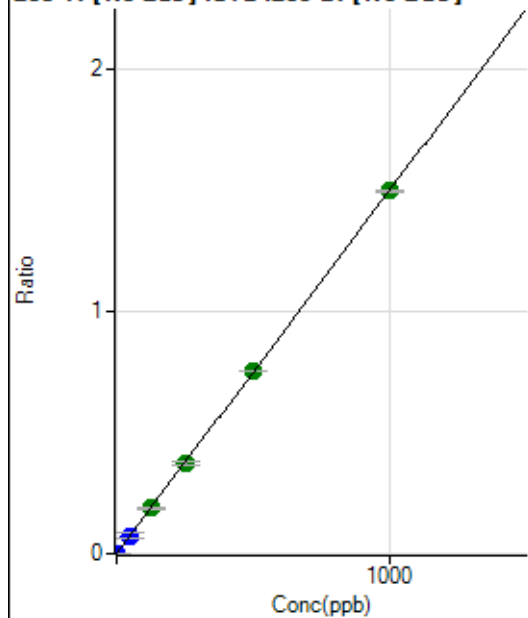
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2609.18		P	3.1
2	☐			2823.67		P	7.3
3	☐			6109.24		P	8.9
4	☐			11246.00		P	1.8
5	☐			19780.43		P	0.7
6	☐			37654.63		P	0.7
7	☐			72126.58		P	0.4
8	☐			2573.61		P	1.9

176 Yb [He] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			448.90		P	7.0
2	☐			376.68		P	9.0
3	☐			1573.44		P	4.8
4	☐			3407.14		P	2.6
5	☐			6227.08		P	0.9
6	☐			12201.27		P	0.4
7	☐			23659.02		P	0.5
8	☐			491.13		P	3.1

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	215.56	0.0000	P	13.8
2	☐	1.000	0.912	16567.33	0.0014	P	12.4
3	☐	50.000	49.996	806195.19	0.0748	P	22.8
4	☐	125.000	124.611	2086149.92	0.1865	A	0.7
5	☐	250.000	248.976	4159210.95	0.3726	A	2.9
6	☐	500.000	502.629	8163748.56	0.7522	A	0.3
7	☐	1000.000	998.990	15900301.15	1.4950	A	0.5
8	☐			1649.02	0.0002	P	24.5

$$y = 0.0015 * x + 1.8837E-005$$

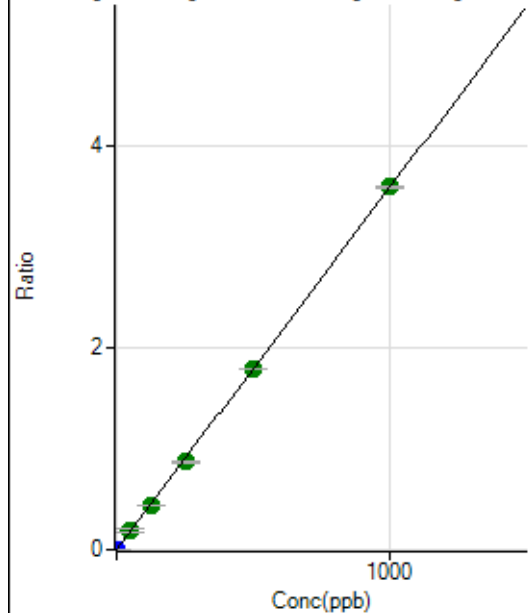
$$R = 1.0000$$

$$DL = 0.005209$$

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	558.91	0.0000	P	5.7
2	☐	1.000	0.912	39798.70	0.0033	P	11.6
3	☐	50.000	52.859	2046031.91	0.1899	A	22.6
4	☐	125.000	123.174	4948944.23	0.4424	A	0.5
5	☐	250.000	242.345	9716669.09	0.8704	A	2.4
6	☐	500.000	498.758	19441106.65	1.7912	A	0.5
7	☐	1000.000	1002.620	38297558.04	3.6007	A	0.4
8	☐			3905.11	0.0004	P	25.0

$$y = 0.0036 * x + 4.8903E-005$$

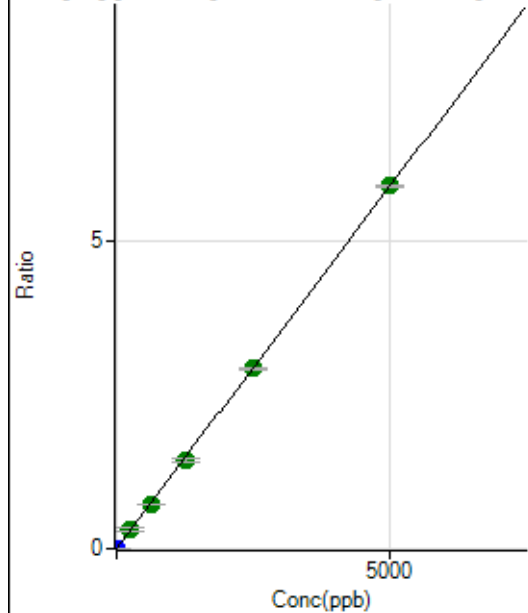
$$R = 1.0000$$

$$DL = 0.00232$$

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	1062.28	0.0001	P	4.1
2	☐	1.000	0.935	14256.80	0.0012	P	13.9
3	☐	250.000	267.997	3397509.98	0.3152	A	22.5
4	☐	625.000	613.579	8071761.55	0.7216	A	1.1
5	☐	1250.000	1220.870	16027709.62	1.4357	A	2.5
6	☐	2500.000	2487.584	31749724.25	2.9252	A	0.4
7	☐	5000.000	5014.018	62711051.29	5.8961	A	0.8
8	☐			16784.29	0.0019	P	4.9

$$y = 0.0012 * x + 9.2885E-005$$

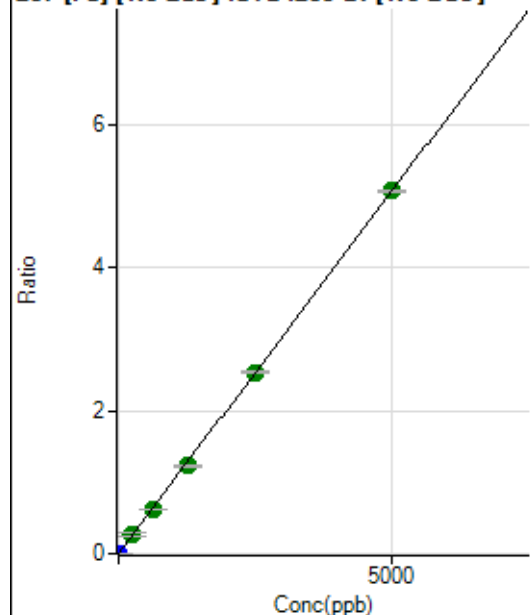
$$R = 1.0000$$

$$DL = 0.009674$$

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	908.93	0.0001	P	5.4
2	☐	1.000	0.935	12292.58	0.0010	P	13.5
3	☐	250.000	265.365	2896707.46	0.2691	A	23.5
4	☐	625.000	616.552	6993251.15	0.6252	A	0.8
5	☐	1250.000	1213.709	13738785.35	1.2306	A	2.1
6	☐	2500.000	2501.313	27525907.37	2.5360	A	1.4
7	☐	5000.000	5008.704	54011532.53	5.0781	A	0.2
8	☐			14135.65	0.0016	P	6.6

$$y = 0.0010 * x + 7.9526E-005$$

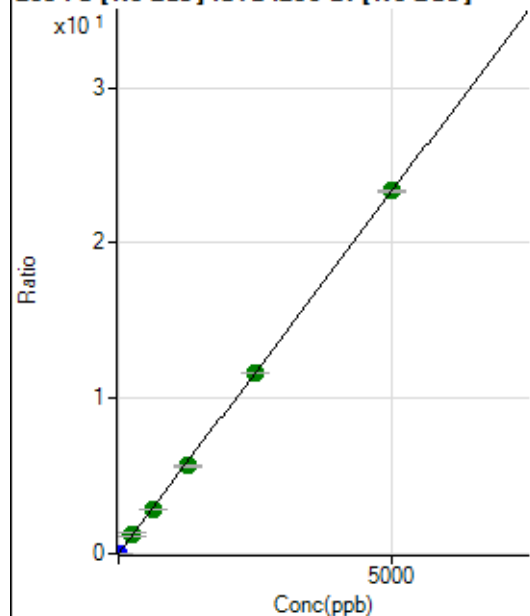
$$R = 1.0000$$

$$DL = 0.0127$$

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	4286.99	0.0004	P	1.5
2	☐	1.000	0.937	56702.25	0.0047	P	13.0
3	☐	250.000	265.710	13336986.44	1.2385	A	23.1
4	☐	625.000	615.785	32103082.99	2.8698	A	0.5
5	☐	1250.000	1218.612	63396317.25	5.6789	A	2.5
6	☐	2500.000	2498.850	126387681.1	11.6446	A	0.8
7	☐	5000.000	5008.789	248255109.6	23.3404	A	0.3
8	☐			65575.33	0.0075	P	6.2

$$y = 0.0047 * x + 3.7501E-004$$

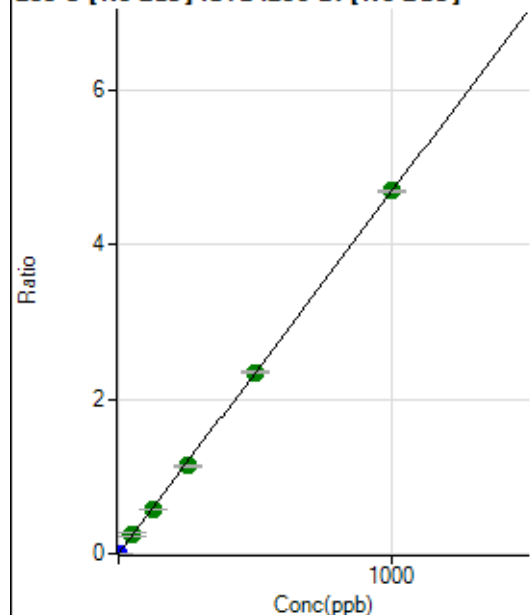
$$R = 1.0000$$

$$DL = 0.003518$$

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	66.67	0.0000	P	25.8
2	☐	1.000	0.919	51660.18	0.0043	P	11.0
3	☐	50.000	52.745	2659492.56	0.2472	A	23.8
4	☐	125.000	121.930	6393753.58	0.5715	A	0.3
5	☐	250.000	242.107	12668346.20	1.1349	A	2.8
6	☐	500.000	500.429	25460291.84	2.3457	A	1.3
7	☐	1000.000	1002.006	49955837.03	4.6968	A	0.4
8	☐			2402.50	0.0003	P	38.8

$$y = 0.0047 * x + 5.8405E-006$$

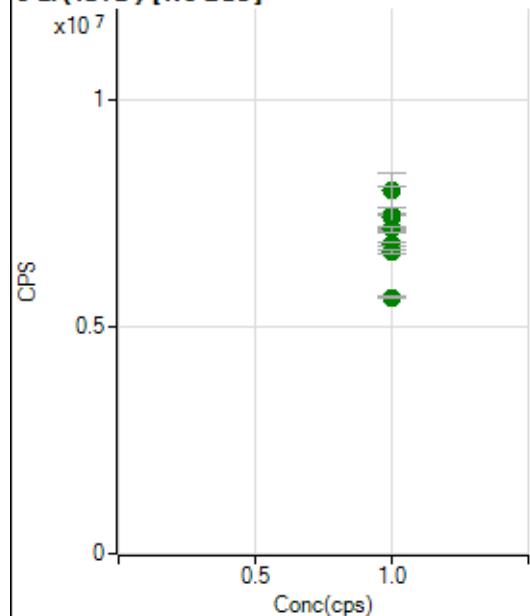
$$R = 1.0000$$

$$DL = 0.0009635$$

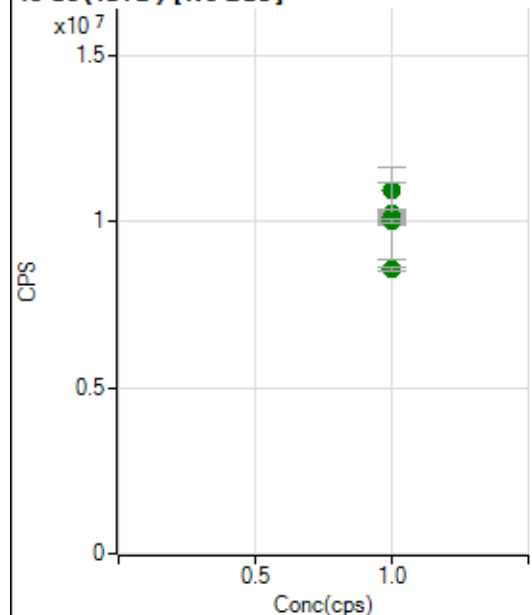
Weight: <None>

Min Conc: 0

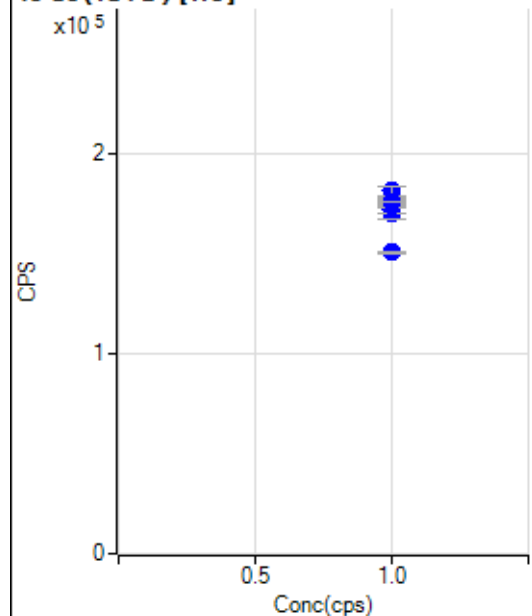
6 Li (ISTD) [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7459732.39		A	0.9
2	☐	1.000		7983787.46		A	9.5
3	☐	1.000		7386590.49		A	18.4
4	☐	1.000		7133979.04		A	0.9
5	☐	1.000		7139633.91		A	2.1
6	☐	1.000		6812729.57		A	1.4
7	☐	1.000		6635621.65		A	1.3
8	☐	1.000		5638948.47		A	0.4

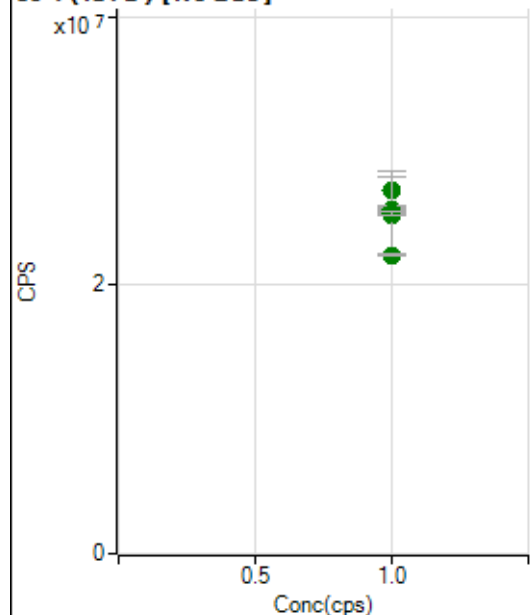
45 Sc (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10215678.80		A	0.9
2	☐	1.000		10906780.81		A	12.6
3	☐	1.000		9986571.66		A	22.9
4	☐	1.000		10066808.04		A	1.2
5	☐	1.000		10109309.71		A	4.5
6	☐	1.000		9995291.87		A	0.7
7	☐	1.000		9989874.44		A	1.0
8	☐	1.000		8576069.11		A	1.5

45 Sc (ISTD) [He]

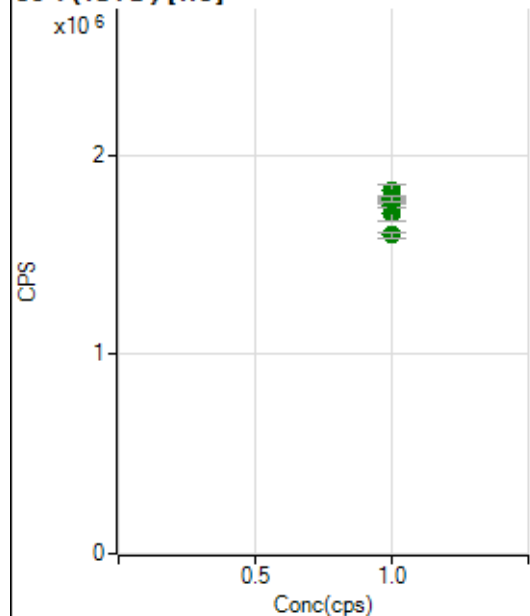
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		177177.94		P	0.7
2	☐	1.000		170154.72		P	3.7
3	☐	1.000		181391.97		P	2.8
4	☐	1.000		174445.88		P	0.6
5	☐	1.000		172557.11		P	2.3
6	☐	1.000		173584.66		P	0.5
7	☐	1.000		176143.78		P	0.3
8	☐	1.000		150625.04		P	0.4

89 Y (ISTD) [No Gas]

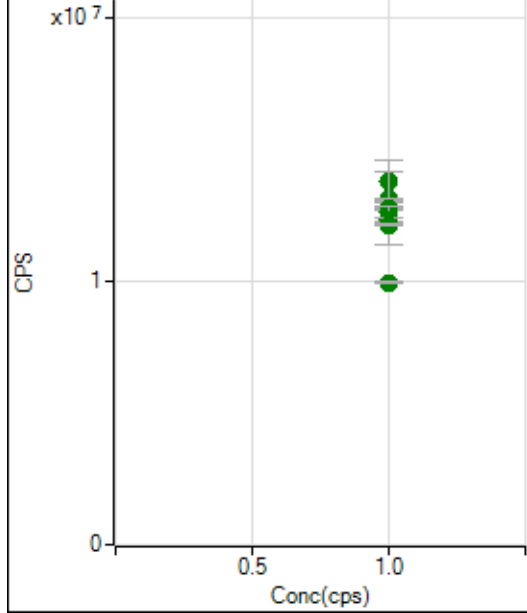


	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		25607494.06		A	1.3
2	☐	1.000		27007205.71		A	10.6
3	☐	1.000		25184454.49		A	22.7
4	☐	1.000		25586738.23		A	1.8
5	☐	1.000		25536009.90		A	2.4
6	☐	1.000		25394231.01		A	0.5
7	☐	1.000		25367367.68		A	0.9
8	☐	1.000		22255904.67		A	1.0

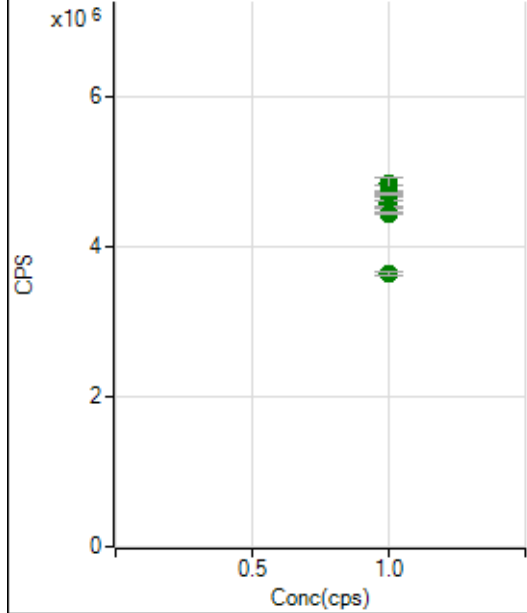
89 Y (ISTD) [He]



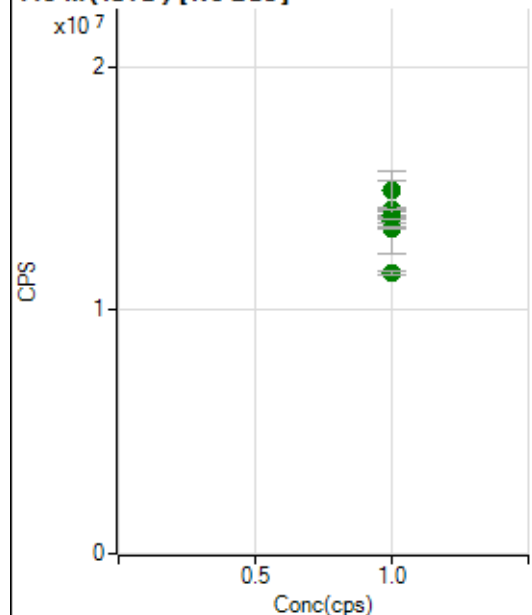
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1793651.76		A	0.2
2	☐	1.000		1714019.75		A	4.7
3	☐	1.000		1822027.44		A	3.5
4	☐	1.000		1786273.90		A	0.9
5	☐	1.000		1774498.18		A	2.3
6	☐	1.000		1749402.35		A	1.1
7	☐	1.000		1780635.84		A	1.4
8	☐	1.000		1601540.60		A	1.7

103 Rh (ISTD) [No Gas]

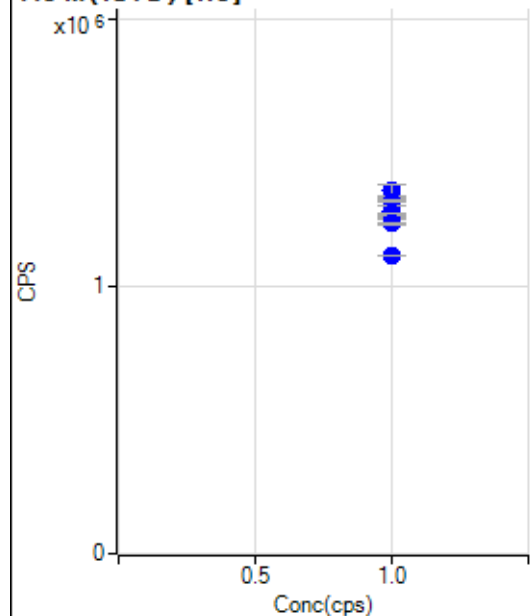
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		13112927.72		A	0.8
2	☐	1.000		13778951.32		A	11.6
3	☐	1.000		12763104.67		A	21.6
4	☐	1.000		12770838.28		A	0.6
5	☐	1.000		12627750.65		A	3.2
6	☐	1.000		12307176.35		A	1.2
7	☐	1.000		12159744.12		A	0.5
8	☐	1.000		9958344.92		A	0.4

103 Rh (ISTD) [He]

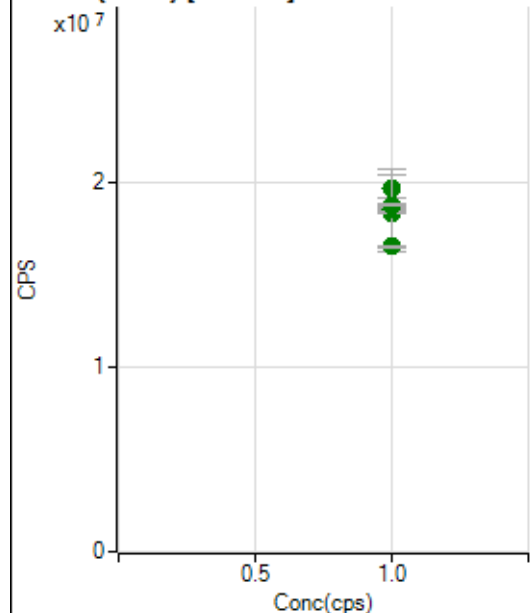
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4815406.70		A	0.1
2	☐	1.000		4589171.32		A	3.7
3	☐	1.000		4839513.92		A	3.8
4	☐	1.000		4702677.01		A	0.9
5	☐	1.000		4562998.72		A	2.6
6	☐	1.000		4519323.44		A	0.7
7	☐	1.000		4446710.18		A	0.7
8	☐	1.000		3640904.29		A	1.4

115 In (ISTD) [No Gas]

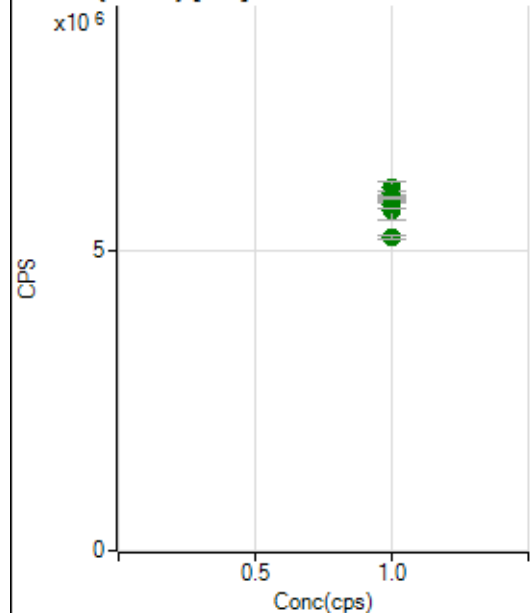
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		14133708.54		A	1.0
2	☐	1.000		14886761.58		A	11.1
3	☐	1.000		13814483.15		A	22.1
4	☐	1.000		13844106.07		A	0.6
5	☐	1.000		13906681.82		A	3.1
6	☐	1.000		13649216.15		A	0.6
7	☐	1.000		13372914.04		A	0.1
8	☐	1.000		11520172.17		A	1.6

115 In (ISTD) [He]

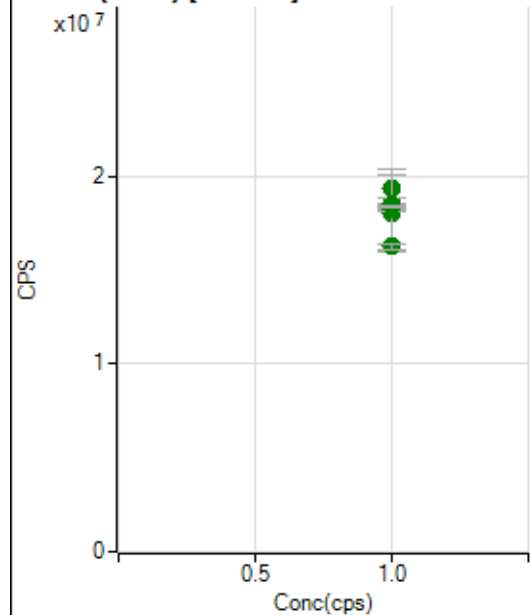
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1329786.87		P	0.3
2	☐	1.000		1278726.84		P	4.0
3	☐	1.000		1355989.41		P	3.3
4	☐	1.000		1317956.90		P	0.6
5	☐	1.000		1277018.56		P	3.2
6	☐	1.000		1270093.19		P	0.4
7	☐	1.000		1233218.46		P	0.7
8	☐	1.000		1114535.32		P	0.3

159 Tb (ISTD) [No Gas]

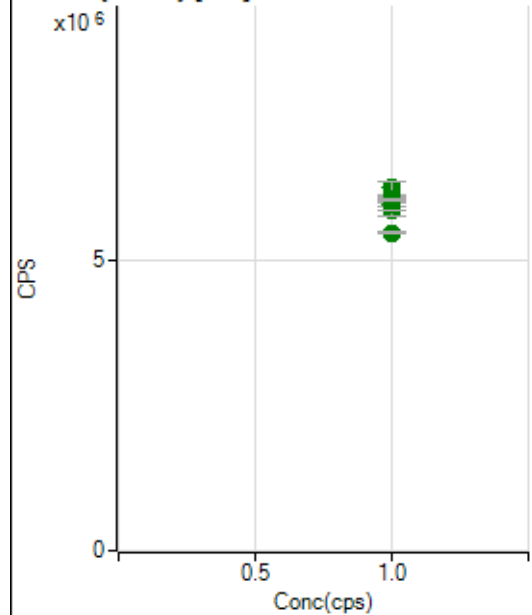
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		18562840.97		A	0.2
2	☐	1.000		19671785.96		A	11.0
3	☐	1.000		18389041.25		A	22.5
4	☐	1.000		18547023.34		A	1.0
5	☐	1.000		18777118.19		A	4.0
6	☐	1.000		18771333.89		A	0.2
7	☐	1.000		18814011.80		A	0.2
8	☐	1.000		16528051.70		A	0.8

159 Tb (ISTD) [He]

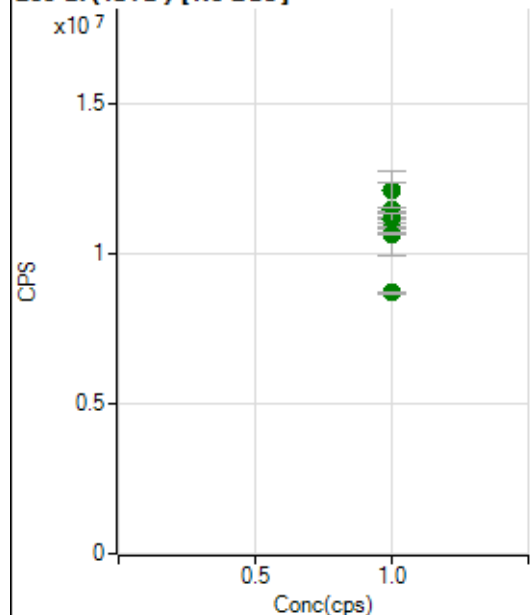
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5831717.55		A	0.8
2	☐	1.000		5654195.54		A	5.2
3	☐	1.000		6033230.33		A	3.4
4	☐	1.000		5932109.08		A	1.3
5	☐	1.000		5767622.41		A	2.7
6	☐	1.000		5846425.96		A	1.4
7	☐	1.000		5876438.73		A	0.5
8	☐	1.000		5208407.49		A	1.4

165 Ho (ISTD) [No Gas]

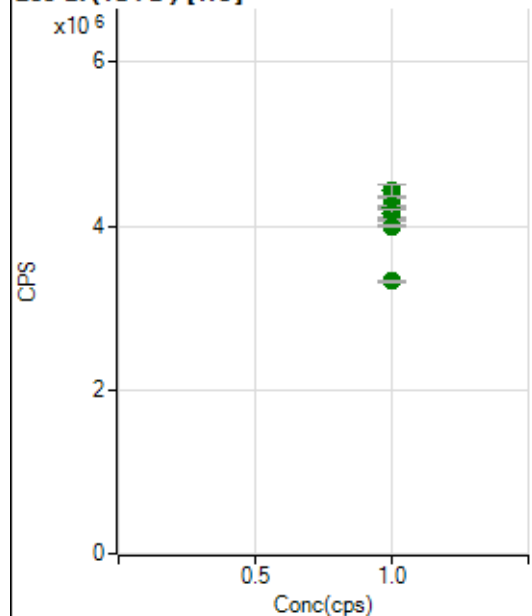
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		18381769.86		A	1.2
2	☐	1.000		19321880.55		A	11.3
3	☐	1.000		18025467.51		A	22.8
4	☐	1.000		18229490.42		A	1.1
5	☐	1.000		18520005.00		A	3.9
6	☐	1.000		18427440.00		A	0.6
7	☐	1.000		18419065.14		A	0.5
8	☐	1.000		16248267.54		A	1.9

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6065873.11		A	0.9
2	☐	1.000		5834054.50		A	2.8
3	☐	1.000		6232456.16		A	3.8
4	☐	1.000		6060756.51		A	1.6
5	☐	1.000		5953029.98		A	3.9
6	☐	1.000		6016991.09		A	1.3
7	☐	1.000		6029564.01		A	0.6
8	☐	1.000		5462861.24		A	0.4

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11433062.74		A	1.2
2	☐	1.000		12082973.43		A	11.4
3	☐	1.000		11135984.62		A	21.5
4	☐	1.000		11186618.30		A	0.8
5	☐	1.000		11168754.83		A	2.8
6	☐	1.000		10853558.45		A	0.4
7	☐	1.000		10636157.55		A	0.5
8	☐	1.000		8688354.59		A	1.2

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4354462.26		A	0.7
2	☐	1.000		4166908.44		A	3.0
3	☐	1.000		4429983.23		A	3.3
4	☐	1.000		4233329.28		A	1.1
5	☐	1.000		4146277.23		A	3.1
6	☐	1.000		4071084.87		A	0.8
7	☐	1.000		3997771.61		A	0.8
8	☐	1.000		3331441.27		A	0.8

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\IP8012025MS-02.b
Acq. Date-Time 2025-01-20 12:26:15
Report Comment ---
Instrument Name G8403A SG19224459

[No Gas]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
9		33447	334467.46			0.482	5.000
24		704515	7045151.04			0.739	5.000
25		95870	958697.78			0.885	5.000
26		111708	1117077.84			0.856	5.000
59		161821	1618214.42			0.603	5.000
113		18731	187308.65			0.390	5.000
115		249986	2499862.53			0.526	5.000
206		59241	592405.01			0.674	5.000
207		52013	520130.45			0.621	5.000
208		132683	1326829.19			0.802	5.000
220		0	3.40			16.109	

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

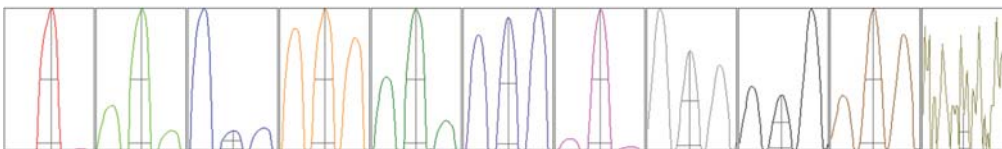
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	33660	33534	33290	33465	33286
24	701916	706501	706711	696952	710496
25	94948	96448	96491	94934	96527
26	111388	112163	112023	110229	112736
59	160424	161818	162992	161458	162415
113	18790	18764	18793	18679	18629
115	250918	251776	248712	248969	249557
206	58849	59280	58928	59286	59860
207	51475	52072	51995	52264	52260
208	133116	134270	131592	132537	131900

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	60199.98	9.10	8.90 - 9.10	
24	1231286.47	24.05	23.90 - 24.10	
25	165367.63	25.05	24.90 - 25.10	
26	192754.31	26.05	25.90 - 26.10	
59	286377.75	59.00	58.90 - 59.10	
113	36110.68	113.05	112.90 - 113.10	
115	482281.61	115.05	114.90 - 115.10	
206	112369.81	205.95	205.90 - 206.10	
207	96659.15	206.95	206.90 - 207.10	
208	248453.05	207.95	207.90 - 208.10	
220	0.20	219.90	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.60	0.775	0.900	
24	0.61	0.739	0.900	
25	0.61	0.739	0.900	
26	0.62	0.778	0.900	
59	0.60	0.738	0.900	
113	0.55	0.721	0.900	
115	0.55	0.762	0.900	
206	0.55	0.786	0.900	
207	0.55	0.788	0.900	
208	0.54	0.838	0.900	
220	0.33	0.348		

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode --- Nebulizer Gas 0.78 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	-6.0 V	Omega Lens	8.3 V	Deflect	15.0 V
Extract 2	-130.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-65 V	Cell Exit	-50 V		

Cell Parameters

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

QP Parameters

Mass Gain	102	Axis Gain	0.9959	QP Bias	-4.0 V
Mass Offset	126	Axis Offset	0.07		

Hardware Settings

Torch

Torch H	-0.3 mm	Torch V	1.4 mm
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EM

Discriminator	4.1 mV	Analog HV	2175 V	Pulse HV	1059 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		26846	268459.86			0.485	
89		20464	204638.82			0.285	
205		32647	326468.52			0.586	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	26804	26928	26980	26645	26873
89	20381	20465	20479	20451	20544
205	32976	32589	32485	32556	32629

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	---	Nebulizer Gas	0.78 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	-6.0 V	Omega Lens	8.3 V	Deflect	2.4 V
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US EPA Tune Check Report

Extract 2	-130.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-65 V	Cell Exit	-70 V		
Cell Parameters					
Use Gas	Yes	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	4.5 mL/min	OctP Bias	-18.0 V		
H2 Flow	---	OctP RF	200 V		
QP Parameters					
Mass Gain	102	Axis Gain	0.9959	QP Bias	-13.0 V
Mass Offset	126	Axis Offset	0.07		
Hardware Settings					
Torch					
Torch H	-0.3 mm	Torch V	1.4 mm		
EM					
Discriminator	4.1 mV	Analog HV	2175 V	Pulse HV	1059 V

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P8
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 13:16:54 DataFile Name : 004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.15	-0.20	0.05	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.00	0.00	0.01	0.00	N/A	ppb
Barium	135-1	0.01	0.00	-0.01	0.00	N/A	ppb
Barium	137-1	0.00	0.01	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Cadmium	108-1	0.00	0.01	-0.02	0.00	N/A	ppb
Cadmium	106-1	0.47	-0.11	-0.35	0.00	N/A	ppb
Cadmium	111-1	0.01	0.00	0.00	0.00	N/A	ppb
Calcium	43-1	-0.90	0.02	0.88	0.00	N/A	ppb
Calcium	44-1	-0.28	0.09	0.19	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.00	-0.01	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	-0.02	0.00	0.02	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-2	-0.54	-0.16	0.71	0.00	N/A	ppb
Iron	56-2	7.39	-3.63	-3.76	0.00	N/A	ppb
Iron	57-2	-0.26	0.50	-0.24	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P8
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 13:16:54 DataFile Name : 004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
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	0.63	-0.61	-0.02	0.00	N/A	ppb
Manganese	55-2	-0.02	0.00	0.02	0.00	N/A	ppb
Molybdenum	94-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.01	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	0.02	0.01	0.00	N/A	ppb
Phosphorus	31-2	-22.46	-21.72	-26.13	-23.44		ppb
Potassium	39-2	0.98	1.49	-2.47	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	-0.12	0.16	-0.03	0.00	N/A	ppb
Selenium	77-2	0.58	-0.29	-0.29	0.00	N/A	ppb
Selenium	78-2	-0.50	0.25	0.25	0.00	N/A	ppb
Silicon	28-1	-0.15	0.06	0.09	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	0.51	-0.44	-0.07	0.00	N/A	ppb
Strontium	86-1	0.00	0.00	0.01	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	46.28	108.97	119.05	91.44	43.12	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	-0.01	-0.02	0.03	0.00	N/A	ppb
Titanium	47-1	-0.01	0.02	-0.01	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :LB134353

Operator :Jaswal

Lab Sample ID :S00

Instrumnet Name :P8

Client Sample ID :S0

Dilution Factor :1

Date & Time Acquired :2025-01-20 13:16:54

DataFile Name :004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.10	-0.07	-0.03	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : S02 Instrumnet Name : P8
Client Sample ID : S02 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 13:23:37 DataFile Name : 006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.59	21.82	20.02	20.81	4.42	ppb
Antimony	121-1	1.73	2.07	2.12	1.97	10.87	ppb
Arsenic	75-2	1.36	1.22	1.10	1.23	10.44	ppb
Barium	135-1	8.60	10.66	10.77	10.01	12.23	ppb
Barium	137-1	8.61	10.33	10.67	9.87	11.20	ppb
Beryllium	9-1	0.88	1.01	1.07	0.99	9.54	ppb
Bismuth	209-1				106		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Cadmium	108-1	1.03	1.09	1.03	1.05	3.41	ppb
Cadmium	106-1	0.78	1.05	1.18	1.00	20.46	ppb
Cadmium	111-1	0.93	1.09	1.15	1.06	10.77	ppb
Calcium	43-1	425.41	539.23	543.45	502.70	13.32	ppb
Calcium	44-1	426.48	533.64	546.02	502.05	13.09	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.12	2.40	2.20	2.24	6.34	ppb
Cobalt	59-2	1.13	1.25	1.10	1.16	6.69	ppb
Copper	63-2	2.36	2.49	2.32	2.39	3.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				96		%
Indium	115-1				105		%
Indium	115-2				96		%
Iron	54-2	53.71	62.20	55.07	56.99	8.00	ppb
Iron	56-2	49.40	53.35	50.56	51.10	3.97	ppb
Iron	57-2	56.40	57.67	53.30	55.79	4.03	ppb
Krypton	83-1						cps
Lead	206-1	0.78	0.98	1.05	0.94	15.11	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : S02 Instrumnet Name : P8
Client Sample ID : S02 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 13:23:37 DataFile Name : 006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.78	0.99	1.04	0.94	14.63	ppb
Lead	208-1	0.79	0.98	1.04	0.94	14.17	ppb
Lithium	6-1				107		%
Magnesium	24-2	602.64	653.56	611.51	622.57	4.37	ppb
Manganese	55-2	1.10	1.16	1.06	1.11	4.10	ppb
Molybdenum	94-1	5.06	6.04	6.24	5.78	10.97	ppb
Molybdenum	95-1	4.22	5.06	5.27	4.85	11.52	ppb
Molybdenum	96-1	4.22	5.14	5.31	4.89	11.95	ppb
Molybdenum	97-1	4.28	5.13	5.39	4.93	11.81	ppb
Molybdenum	98-1	4.18	5.09	5.21	4.83	11.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.15	1.24	1.04	1.14	8.60	ppb
Phosphorus	31-2	11.68	33.93	24.70	23.44	47.70	ppb
Potassium	39-2	510.81	561.29	532.31	534.81	4.74	ppb
Rhodium	103-1				105		%
Rhodium	103-2				95		%
Scandium	45-1				107		%
Scandium	45-2				96		%
Selenium	82-1	4.33	5.10	5.53	4.99	12.19	ppb
Selenium	77-2	12.08	9.26	4.09	8.47	47.85	ppb
Selenium	78-2	5.93	7.29	6.89	6.70	10.38	ppb
Silicon	28-1	-0.30	1.93	2.32	1.32	107.23	ppb
Silver	107-1	0.87	1.03	1.10	1.00	11.66	ppb
Silver	109-1	0.84	1.05	1.08	0.99	13.20	ppb
Sodium	23-2	548.73	596.15	559.20	568.03	4.39	ppb
Strontium	86-1	0.81	0.97	1.05	0.94	13.35	ppb
Strontium	88-1	0.80	0.97	1.04	0.94	12.69	ppb
Sulfur	34-1	-893.48	194.19	424.97	-91.44		ppb
Terbium	159-1				106		%
Terbium	159-2				97		%
Thallium	203-1	0.78	0.97	0.99	0.91	12.60	ppb
Thallium	205-1	0.79	0.97	0.98	0.91	11.75	ppb
Tin	118-1	4.30	5.21	5.48	5.00	12.34	ppb
Titanium	47-1	4.33	5.19	5.40	4.97	11.42	ppb
Uranium	238-1	0.80	0.96	0.99	0.92	11.05	ppb

LB Number :LB134353

Operator :Jaswal

Lab Sample ID :S02

Instrumnet Name :P8

Client Sample ID :S02

Dilution Factor :1

Date & Time Acquired :2025-01-20 13:23:37

DataFile Name :006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	5.34	5.61	5.50	5.48	2.43	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				96		%
Zinc	66-2	5.87	6.68	6.13	6.22	6.68	ppb
Zirconium	90-1	0.85	1.00	1.06	0.97	11.31	ppb
Zirconium	91-1	0.82	1.01	1.05	0.96	12.61	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : S03 Instrumnet Name : P8
Client Sample ID : S03 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 13:26:58 DataFile Name : 007CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	944.12	944.93	943.63	944.23	0.07	ppb
Antimony	121-1	40.50	65.28	52.23	52.67	23.53	ppb
Arsenic	75-2	49.76	48.31	49.26	49.11	1.50	ppb
Barium	135-1	198.86	327.93	256.74	261.18	24.75	ppb
Barium	137-1	210.91	345.09	271.69	275.90	24.35	ppb
Beryllium	9-1	41.91	62.24	51.63	51.92	19.59	ppb
Bismuth	209-1				97		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Cadmium	108-1	43.48	72.70	54.70	56.96	25.87	ppb
Cadmium	106-1	43.57	69.94	56.95	56.82	23.21	ppb
Cadmium	111-1	41.32	66.94	54.53	54.26	23.61	ppb
Calcium	43-1	4003.77	6569.23	5293.19	5288.73	24.25	ppb
Calcium	44-1	4185.98	6825.84	5334.86	5448.90	24.29	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	47.28	47.74	48.54	47.86	1.33	ppb
Cobalt	59-2	48.25	49.39	49.80	49.15	1.63	ppb
Copper	63-2	525.62	528.77	527.64	527.34	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				98		%
Holmium	165-2				103		%
Indium	115-1				98		%
Indium	115-2				102		%
Iron	54-2	2475.91	2539.70	2542.21	2519.27	1.49	ppb
Iron	56-2	2548.51	2574.34	2592.57	2571.81	0.86	ppb
Iron	57-2	2424.11	2451.32	2471.77	2449.07	0.98	ppb
Krypton	83-1						cps
Lead	206-1	208.90	329.53	265.56	268.00	22.52	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : S03 Instrumnet Name : P8
Client Sample ID : S03 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 13:26:58 DataFile Name : 007CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	205.42	329.83	260.85	265.37	23.49	ppb
Lead	208-1	205.54	328.31	263.28	265.71	23.12	ppb
Lithium	6-1				99		%
Magnesium	24-2	5388.85	5684.43	5535.20	5536.16	2.67	ppb
Manganese	55-2	478.38	485.15	485.72	483.08	0.84	ppb
Molybdenum	94-1	417.97	672.54	556.99	549.17	23.21	ppb
Molybdenum	95-1	415.25	664.90	544.57	541.57	23.05	ppb
Molybdenum	96-1	412.62	672.79	542.35	542.59	23.98	ppb
Molybdenum	97-1	413.84	662.95	544.32	540.37	23.06	ppb
Molybdenum	98-1	413.52	655.45	537.42	535.46	22.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	48.77	49.62	49.77	49.38	1.09	ppb
Phosphorus	31-2	935.86	1042.14	974.01	984.00	5.47	ppb
Potassium	39-2	2277.51	2326.80	2317.06	2307.12	1.13	ppb
Rhodium	103-1				97		%
Rhodium	103-2				101		%
Scandium	45-1				98		%
Scandium	45-2				102		%
Selenium	82-1	42.91	64.19	55.73	54.28	19.74	ppb
Selenium	77-2	71.55	53.47	52.77	59.26	17.96	ppb
Selenium	78-2	54.85	50.91	52.85	52.87	3.72	ppb
Silicon	28-1	41.48	74.58	57.79	57.95	28.56	ppb
Silver	107-1	41.63	68.15	54.79	54.86	24.17	ppb
Silver	109-1	42.42	69.35	54.94	55.57	24.25	ppb
Sodium	23-2	5027.12	5167.05	5181.89	5125.35	1.67	ppb
Strontium	86-1	39.58	63.47	51.67	51.57	23.16	ppb
Strontium	88-1	41.74	67.69	54.67	54.70	23.72	ppb
Sulfur	34-1	33.82	3545.78	1579.49	1719.69	102.35	ppb
Terbium	159-1				99		%
Terbium	159-2				103		%
Thallium	203-1	38.79	61.58	49.62	50.00	22.80	ppb
Thallium	205-1	41.06	64.98	52.54	52.86	22.64	ppb
Tin	118-1	40.78	67.05	52.61	53.48	24.60	ppb
Titanium	47-1	425.25	685.59	539.70	550.18	23.72	ppb
Uranium	238-1	40.12	65.18	52.93	52.74	23.75	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : S03 Instrumnet Name : P8
Client Sample ID : S03 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 13:26:58 DataFile Name : 007CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	46.97	46.91	47.62	47.17	0.84	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				102		%
Zinc	66-2	489.64	504.58	501.67	498.63	1.59	ppb
Zirconium	90-1	38.42	62.78	50.52	50.57	24.09	ppb
Zirconium	91-1	38.49	62.91	50.92	50.77	24.05	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : S04 Instrumnet Name : P8
Client Sample ID : S04 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 13:30:05 DataFile Name : 008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2366.98	2394.03	2388.86	2383.29	0.60	ppb
Antimony	121-1	125.60	129.18	133.94	129.57	3.23	ppb
Arsenic	75-2	125.21	125.19	126.38	125.59	0.54	ppb
Barium	135-1	626.88	650.27	661.01	646.05	2.70	ppb
Barium	137-1	624.41	641.63	644.21	636.75	1.69	ppb
Beryllium	9-1	125.28	123.42	124.73	124.48	0.77	ppb
Bismuth	209-1				98		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Cadmium	108-1	133.16	136.07	133.67	134.30	1.16	ppb
Cadmium	106-1	130.01	133.98	134.44	132.81	1.84	ppb
Cadmium	111-1	122.04	126.15	127.22	125.14	2.18	ppb
Calcium	43-1	11881.91	12221.25	12273.40	12125.52	1.75	ppb
Calcium	44-1	12536.59	12708.48	12676.00	12640.35	0.72	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	122.20	122.39	122.88	122.49	0.29	ppb
Cobalt	59-2	124.66	125.81	125.01	125.16	0.47	ppb
Copper	63-2	1335.94	1339.46	1324.20	1333.20	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				100		%
Indium	115-1				98		%
Indium	115-2				99		%
Iron	54-2	6434.73	6437.34	6436.82	6436.30	0.02	ppb
Iron	56-2	6576.02	6702.02	6628.23	6635.42	0.95	ppb
Iron	57-2	6278.42	6361.46	6329.76	6323.21	0.66	ppb
Krypton	83-1						cps
Lead	206-1	621.51	611.19	608.04	613.58	1.15	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : S04 Instrumnet Name : P8
Client Sample ID : S04 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 13:30:05 DataFile Name : 008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	621.83	611.54	616.28	616.55	0.84	ppb
Lead	208-1	618.23	612.66	616.47	615.78	0.46	ppb
Lithium	6-1				96		%
Magnesium	24-2	14317.53	14042.55	13926.35	14095.48	1.43	ppb
Manganese	55-2	1320.96	1318.99	1311.38	1317.11	0.38	ppb
Molybdenum	94-1	1207.17	1283.75	1237.13	1242.68	3.11	ppb
Molybdenum	95-1	1213.69	1266.07	1248.34	1242.70	2.14	ppb
Molybdenum	96-1	1223.69	1251.54	1229.86	1235.03	1.18	ppb
Molybdenum	97-1	1204.25	1258.24	1236.06	1232.85	2.20	ppb
Molybdenum	98-1	1203.18	1264.33	1244.45	1237.32	2.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	124.32	125.73	126.98	125.68	1.06	ppb
Phosphorus	31-2	2612.47	2529.37	2580.15	2574.00	1.63	ppb
Potassium	39-2	5848.79	5917.52	5919.49	5895.27	0.68	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	82-1	124.94	130.83	126.65	127.48	2.38	ppb
Selenium	77-2	122.27	126.72	148.83	132.61	10.73	ppb
Selenium	78-2	140.39	125.26	125.06	130.24	6.75	ppb
Silicon	28-1	131.99	131.96	134.88	132.94	1.26	ppb
Silver	107-1	133.86	136.57	135.12	135.19	1.00	ppb
Silver	109-1	135.01	137.06	136.46	136.18	0.78	ppb
Sodium	23-2	12825.34	12694.27	12951.24	12823.62	1.00	ppb
Strontium	86-1	115.60	120.57	118.42	118.20	2.11	ppb
Strontium	88-1	119.09	125.27	125.52	123.29	2.95	ppb
Sulfur	34-1	2837.94	2960.57	2996.26	2931.59	2.83	ppb
Terbium	159-1				100		%
Terbium	159-2				102		%
Thallium	203-1	125.48	124.61	123.74	124.61	0.70	ppb
Thallium	205-1	123.16	122.54	123.83	123.17	0.52	ppb
Tin	118-1	128.59	131.19	131.58	130.46	1.25	ppb
Titanium	47-1	1241.24	1287.11	1278.16	1268.84	1.92	ppb
Uranium	238-1	121.46	122.21	122.12	121.93	0.33	ppb

3

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : S05 Instrumnet Name : P8
Client Sample ID : S05 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 13:33:02 DataFile Name : 009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4628.85	4889.32	4714.52	4744.23	2.80	ppb
Antimony	121-1	267.53	249.45	244.75	253.91	4.74	ppb
Arsenic	75-2	245.78	257.85	250.49	251.37	2.42	ppb
Barium	135-1	1338.02	1237.54	1218.88	1264.81	5.07	ppb
Barium	137-1	1318.27	1236.41	1220.33	1258.34	4.17	ppb
Beryllium	9-1	261.43	256.44	253.68	257.18	1.53	ppb
Bismuth	209-1				98		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Cadmium	108-1	272.27	254.48	248.57	258.44	4.77	ppb
Cadmium	106-1	268.14	252.72	249.23	256.70	3.92	ppb
Cadmium	111-1	252.51	238.32	238.41	243.08	3.36	ppb
Calcium	43-1	26424.24	24787.44	24151.06	25120.91	4.67	ppb
Calcium	44-1	26135.20	24672.77	24298.34	25035.44	3.88	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	239.28	253.04	241.66	244.66	3.01	ppb
Cobalt	59-2	261.04	269.95	257.29	262.76	2.47	ppb
Copper	63-2	2604.94	2713.47	2595.83	2638.08	2.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				98		%
Indium	115-1				98		%
Indium	115-2				96		%
Iron	54-2	13347.39	14481.74	13311.81	13713.65	4.85	ppb
Iron	56-2	13163.56	13672.85	13146.29	13327.57	2.24	ppb
Iron	57-2	12353.25	13015.08	12570.10	12646.15	2.67	ppb
Krypton	83-1						cps
Lead	206-1	1254.60	1213.28	1194.73	1220.87	2.51	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : S05 Instrumnet Name : P8
Client Sample ID : S05 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 13:33:02 DataFile Name : 009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1243.02	1201.29	1196.81	1213.71	2.10	ppb
Lead	208-1	1252.67	1210.79	1192.38	1218.61	2.54	ppb
Lithium	6-1				96		%
Magnesium	24-2	26827.43	28647.53	27582.58	27685.85	3.30	ppb
Manganese	55-2	2569.74	2719.88	2574.78	2621.47	3.25	ppb
Molybdenum	94-1	2548.08	2488.50	2442.49	2493.02	2.12	ppb
Molybdenum	95-1	2539.31	2487.43	2455.32	2494.02	1.70	ppb
Molybdenum	96-1	2551.42	2450.67	2434.08	2478.73	2.56	ppb
Molybdenum	97-1	2530.44	2447.94	2434.73	2471.04	2.10	ppb
Molybdenum	98-1	2540.70	2477.68	2439.71	2486.03	2.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	243.34	256.96	247.71	249.34	2.79	ppb
Phosphorus	31-2	4885.34	5314.17	5169.45	5122.98	4.26	ppb
Potassium	39-2	12228.78	12886.09	12076.15	12397.01	3.47	ppb
Rhodium	103-1				96		%
Rhodium	103-2				95		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	82-1	259.33	252.35	249.65	253.78	1.97	ppb
Selenium	77-2	260.67	284.06	268.56	271.10	4.39	ppb
Selenium	78-2	249.89	241.63	247.23	246.25	1.71	ppb
Silicon	28-1	271.63	251.60	247.06	256.76	5.09	ppb
Silver	107-1	268.75	258.65	249.31	258.90	3.76	ppb
Silver	109-1	277.22	256.54	256.10	263.29	4.58	ppb
Sodium	23-2	25144.09	26651.54	25178.89	25658.17	3.35	ppb
Strontium	86-1	239.38	234.12	231.86	235.12	1.64	ppb
Strontium	88-1	254.16	246.00	242.61	247.59	2.40	ppb
Sulfur	34-1	6417.89	5605.15	5349.17	5790.74	9.64	ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	257.35	244.51	245.07	248.98	2.91	ppb
Thallium	205-1	248.43	242.03	236.57	242.34	2.45	ppb
Tin	118-1	268.22	252.87	250.79	257.29	3.70	ppb
Titanium	47-1	2613.99	2464.96	2411.77	2496.91	4.20	ppb
Uranium	238-1	249.96	238.19	238.17	242.11	2.81	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : S05 Instrumnet Name : P8
Client Sample ID : S05 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 13:33:02 DataFile Name : 009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	240.02	252.93	240.91	244.62	2.95	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	2482.97	2615.18	2504.22	2534.12	2.80	ppb
Zirconium	90-1	253.80	245.96	241.26	247.01	2.56	ppb
Zirconium	91-1	254.24	245.35	243.64	247.74	2.30	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : S06 Instrumnet Name : P8
Client Sample ID : S06 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 13:35:55 DataFile Name : 010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9502.08	9389.69	9470.30	9454.02	0.61	ppb
Antimony	121-1	509.77	509.06	511.14	509.99	0.21	ppb
Arsenic	75-2	510.92	525.47	513.18	516.52	1.52	ppb
Barium	135-1	2481.45	2555.93	2561.89	2533.09	1.77	ppb
Barium	137-1	2503.89	2554.05	2525.29	2527.74	1.00	ppb
Beryllium	9-1	505.53	518.29	517.34	513.72	1.38	ppb
Bismuth	209-1				95		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Cadmium	108-1	510.31	518.74	520.64	516.56	1.06	ppb
Cadmium	106-1	504.80	508.56	515.03	509.46	1.02	ppb
Cadmium	111-1	512.44	517.28	518.96	516.23	0.66	ppb
Calcium	43-1	49582.11	50561.53	51397.71	50513.79	1.80	ppb
Calcium	44-1	49211.75	50528.29	51288.64	50342.89	2.09	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	522.54	511.15	511.69	515.13	1.25	ppb
Cobalt	59-2	517.84	522.50	517.95	519.43	0.51	ppb
Copper	63-2	5262.03	5120.39	5177.99	5186.80	1.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				99		%
Indium	115-1				97		%
Indium	115-2				96		%
Iron	54-2	27583.72	26707.00	26755.12	27015.28	1.82	ppb
Iron	56-2	26402.28	26285.99	25988.25	26225.50	0.81	ppb
Iron	57-2	26165.72	27074.51	25954.45	26398.22	2.25	ppb
Krypton	83-1						cps
Lead	206-1	2475.72	2489.53	2497.51	2487.58	0.44	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : S06 Instrumnet Name : P8
Client Sample ID : S06 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 13:35:55 DataFile Name : 010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2462.12	2524.91	2516.92	2501.31	1.37	ppb
Lead	208-1	2476.75	2508.53	2511.26	2498.85	0.77	ppb
Lithium	6-1				91		%
Magnesium	24-2	55099.89	55013.15	55141.21	55084.75	0.12	ppb
Manganese	55-2	5236.89	5140.11	5120.78	5165.93	1.20	ppb
Molybdenum	94-1	4966.99	5052.00	5046.59	5021.86	0.95	ppb
Molybdenum	95-1	5001.78	5064.26	5030.79	5032.28	0.62	ppb
Molybdenum	96-1	4969.96	5028.13	5021.00	5006.36	0.63	ppb
Molybdenum	97-1	4959.97	4977.57	4967.32	4968.29	0.18	ppb
Molybdenum	98-1	4941.41	5028.40	5016.90	4995.57	0.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	486.28	481.34	486.48	484.70	0.60	ppb
Phosphorus	31-2	10401.83	10364.22	10111.75	10292.60	1.53	ppb
Potassium	39-2	24927.05	24745.01	24403.11	24691.72	1.08	ppb
Rhodium	103-1				94		%
Rhodium	103-2				94		%
Scandium	45-1				98		%
Scandium	45-2				98		%
Selenium	82-1	502.72	514.14	503.49	506.78	1.26	ppb
Selenium	77-2	475.41	513.87	495.38	494.89	3.89	ppb
Selenium	78-2	518.75	528.52	501.25	516.18	2.68	ppb
Silicon	28-1	516.23	516.20	517.01	516.48	0.09	ppb
Silver	107-1	505.93	521.85	525.56	517.78	2.01	ppb
Silver	109-1	515.77	512.90	526.36	518.34	1.37	ppb
Sodium	23-2	52140.91	51096.07	50351.90	51196.29	1.76	ppb
Strontium	86-1	501.10	512.15	513.73	509.00	1.35	ppb
Strontium	88-1	495.61	507.71	510.59	504.64	1.58	ppb
Sulfur	34-1	10117.38	10390.20	9975.95	10161.18	2.07	ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	503.40	503.64	500.85	502.63	0.31	ppb
Thallium	205-1	496.59	501.65	498.03	498.76	0.52	ppb
Tin	118-1	511.81	506.98	507.09	508.63	0.54	ppb
Titanium	47-1	4932.68	5121.28	5080.52	5044.83	1.97	ppb
Uranium	238-1	493.06	502.45	505.78	500.43	1.32	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : S06 Instrumnet Name : P8
Client Sample ID : S06 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 13:35:55 DataFile Name : 010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	491.03	488.56	486.28	488.62	0.49	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				98		%
Zinc	66-2	5362.61	5195.13	5316.99	5291.58	1.64	ppb
Zirconium	90-1	493.37	508.30	503.25	501.64	1.51	ppb
Zirconium	91-1	492.89	510.87	503.59	502.45	1.80	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : S07 Instrumnet Name : P8
Client Sample ID : S07 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 13:38:40 DataFile Name : 011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19762.20	19143.52	18879.83	19261.85	2.35	ppb
Antimony	121-1	982.27	1005.94	991.75	993.32	1.20	ppb
Arsenic	75-2	1000.28	1001.04	972.77	991.36	1.62	ppb
Barium	135-1	4952.47	5029.03	4948.19	4976.56	0.91	ppb
Barium	137-1	4995.71	5014.27	4933.86	4981.28	0.85	ppb
Beryllium	9-1	975.37	1016.74	981.83	991.31	2.25	ppb
Bismuth	209-1				93		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Cadmium	108-1	985.90	999.93	978.46	988.10	1.10	ppb
Cadmium	106-1	992.56	999.37	984.91	992.28	0.73	ppb
Cadmium	111-1	998.98	1000.03	981.14	993.38	1.07	ppb
Calcium	43-1	99870.20	98870.48	100062.06	99600.91	0.64	ppb
Calcium	44-1	100157.99	98975.49	100443.67	99859.05	0.78	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	999.38	1006.08	977.11	994.19	1.53	ppb
Cobalt	59-2	991.06	992.48	977.82	987.12	0.82	ppb
Copper	63-2	9899.94	9840.38	9840.61	9860.31	0.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				99		%
Indium	115-1				95		%
Indium	115-2				93		%
Iron	54-2	51759.40	51743.59	51076.18	51526.39	0.76	ppb
Iron	56-2	50299.42	50120.45	49922.31	50114.06	0.38	ppb
Iron	57-2	51389.58	51342.28	51147.14	51293.00	0.25	ppb
Krypton	83-1						cps
Lead	206-1	5031.07	4969.11	5041.88	5014.02	0.78	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : S07 Instrumnet Name : P8
Client Sample ID : S07 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 13:38:40 DataFile Name : 011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	5018.25	5007.84	5000.02	5008.70	0.18	ppb
Lead	208-1	4992.24	5023.38	5010.75	5008.79	0.31	ppb
Lithium	6-1				89		%
Magnesium	24-2	107109.45	106043.70	105572.18	106241.78	0.74	ppb
Manganese	55-2	9934.12	9921.98	9781.28	9879.13	0.86	ppb
Molybdenum	94-1	9939.26	10045.21	9983.34	9989.27	0.53	ppb
Molybdenum	95-1	9859.72	10105.58	9987.26	9984.19	1.23	ppb
Molybdenum	96-1	9801.46	10098.16	10106.01	10001.88	1.74	ppb
Molybdenum	97-1	9923.97	10028.91	10116.78	10023.22	0.96	ppb
Molybdenum	98-1	9995.94	10109.10	9911.52	10005.52	0.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1021.74	997.14	1004.40	1007.76	1.25	ppb
Phosphorus	31-2	19942.47	19753.02	19748.02	19814.50	0.56	ppb
Potassium	39-2	48292.30	47673.19	47513.35	47826.28	0.86	ppb
Rhodium	103-1				93		%
Rhodium	103-2				92		%
Scandium	45-1				98		%
Scandium	45-2				99		%
Selenium	82-1	978.18	1013.31	993.94	995.14	1.77	ppb
Selenium	77-2	974.02	1023.78	989.75	995.85	2.55	ppb
Selenium	78-2	988.65	1001.67	985.81	992.04	0.85	ppb
Silicon	28-1	999.82	979.36	987.12	988.77	1.04	ppb
Silver	107-1	988.61	997.49	976.00	987.37	1.09	ppb
Silver	109-1	972.80	995.32	989.37	985.83	1.18	ppb
Sodium	23-2	100683.76	99328.41	98144.51	99385.56	1.28	ppb
Strontium	86-1	988.38	1003.14	1008.46	999.99	1.04	ppb
Strontium	88-1	988.11	1007.64	999.04	998.26	0.98	ppb
Sulfur	34-1	19648.47	19610.09	19636.82	19631.79	0.10	ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	1004.09	995.12	997.75	998.99	0.46	ppb
Thallium	205-1	1002.20	999.16	1006.50	1002.62	0.37	ppb
Tin	118-1	989.54	994.86	994.63	993.01	0.30	ppb
Titanium	47-1	10076.47	9832.92	10011.10	9973.50	1.26	ppb
Uranium	238-1	1003.37	1005.32	997.33	1002.01	0.42	ppb

3

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : S08 Instrumnet Name : P8
Client Sample ID : S08 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 13:41:27 DataFile Name : 012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99746.25	99805.35	101103.88	100218.49	0.77	ppb
Antimony	121-1	0.68	0.65	0.62	0.65	5.21	ppb
Arsenic	75-2	0.40	0.42	0.41	0.41	3.23	ppb
Barium	135-1	2.13	1.94	1.78	1.95	8.75	ppb
Barium	137-1	2.21	2.03	1.88	2.04	8.06	ppb
Beryllium	9-1	0.28	0.22	0.20	0.24	17.63	ppb
Bismuth	209-1				76		%
Bismuth	209-2				77		%
Bromine	81-1						cps
Cadmium	108-1	0.55	0.57	0.42	0.51	15.77	ppb
Cadmium	106-1	-0.66	-1.61	-0.22	-0.83		ppb
Cadmium	111-1	0.22	0.19	0.20	0.20	6.90	ppb
Calcium	43-1	499857.97	498069.70	502158.93	500028.87	0.41	ppb
Calcium	44-1	499740.45	497524.18	502687.75	499984.13	0.52	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.57	2.40	2.42	2.46	3.79	ppb
Cobalt	59-2	2.03	1.98	1.95	1.98	2.02	ppb
Copper	63-2	1.86	1.88	1.70	1.81	5.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				88		%
Holmium	165-2				90		%
Indium	115-1				82		%
Indium	115-2				84		%
Iron	54-2	247812.72	250914.28	249555.98	249427.66	0.62	ppb
Iron	56-2	251473.39	250694.83	247240.50	249802.91	0.90	ppb
Iron	57-2	249383.78	251722.43	247672.63	249592.95	0.81	ppb
Krypton	83-1						cps
Lead	206-1	1.63	1.59	1.47	1.56	5.13	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : S08 Instrumnet Name : P8
Client Sample ID : S08 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 13:41:27 DataFile Name : 012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1.62	1.55	1.41	1.53	6.95	ppb
Lead	208-1	1.64	1.54	1.44	1.54	6.50	ppb
Lithium	6-1				76		%
Magnesium	24-2	496650.66	499556.30	497983.56	498063.51	0.29	ppb
Manganese	55-2	3.40	3.24	3.11	3.25	4.48	ppb
Molybdenum	94-1	2.63	2.37	2.12	2.37	10.84	ppb
Molybdenum	95-1	1.70	1.49	1.32	1.50	12.93	ppb
Molybdenum	96-1	2.18	1.95	1.77	1.97	10.52	ppb
Molybdenum	97-1	1.38	1.12	0.95	1.15	18.87	ppb
Molybdenum	98-1	1.37	1.08	0.89	1.11	21.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.04	3.85	3.87	3.92	2.72	ppb
Phosphorus	31-2	-12.45	4.29	-16.38	-8.18		ppb
Potassium	39-2	251050.00	249982.59	250411.75	250481.45	0.21	ppb
Rhodium	103-1				76		%
Rhodium	103-2				76		%
Scandium	45-1				84		%
Scandium	45-2				85		%
Selenium	82-1	0.02	0.13	0.04	0.06	99.86	ppb
Selenium	77-2	-0.29	1.67	-0.29	0.36	310.24	ppb
Selenium	78-2	0.33	0.07	0.07	0.15	97.85	ppb
Silicon	28-1	5.32	4.84	4.73	4.97	6.32	ppb
Silver	107-1	0.15	0.12	0.10	0.13	17.18	ppb
Silver	109-1	0.16	0.13	0.10	0.13	21.79	ppb
Sodium	23-2	498168.87	502128.20	499585.75	499960.94	0.40	ppb
Strontium	86-1	2.54	2.62	2.65	2.60	2.07	ppb
Strontium	88-1	2.66	2.62	2.60	2.63	1.08	ppb
Sulfur	34-1	-622.37	-707.90	-633.00	-654.42		ppb
Terbium	159-1				89		%
Terbium	159-2				89		%
Thallium	203-1	0.15	0.10	0.09	0.11	27.24	ppb
Thallium	205-1	0.15	0.11	0.08	0.11	28.11	ppb
Tin	118-1	0.20	0.14	0.15	0.16	20.73	ppb
Titanium	47-1	3.73	3.63	3.48	3.62	3.46	ppb
Uranium	238-1	0.08	0.05	0.04	0.06	39.68	ppb

LB Number :
Lab Sample ID :
Client Sample ID :
Date & Time Acquired :

LB134353
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2025-01-20 13:41:27

Operator :
Instrumnet Name :
Dilution Factor :
DataFile Name :

Jaswal
P8
1
012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.18	0.16	0.18	0.17	6.23	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				87		%
Yttrium	89-2				89		%
Zinc	66-2	13.13	13.83	13.23	13.39	2.82	ppb
Zirconium	90-1	0.56	0.52	0.51	0.53	4.70	ppb
Zirconium	91-1	0.58	0.54	0.51	0.54	6.28	ppb

LB Number :	LB134353		Operator :	Jaswal			
Lab Sample ID :	ICV002		Instrumnet Name :	P8			
Client Sample ID :	ICV002		Dilution Factor :	1			
Date & Time Acquired :	2025-01-20 13:45:38		DataFile Name :	013ICV.d			
Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	467.00	465.44	449.15	460.53	2.15	ppb
Antimony	121-1	197.51	198.56	201.93	199.34	1.16	ppb
Arsenic	75-2	200.19	195.86	196.33	197.46	1.20	ppb
Barium	135-1	96.86	98.28	97.63	97.59	0.73	ppb
Barium	137-1	98.20	99.52	99.12	98.95	0.69	ppb
Beryllium	9-1	91.98	90.90	94.57	92.48	2.04	ppb
Bismuth	209-1				95		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Cadmium	108-1	181.63	181.34	178.80	180.59	0.86	ppb
Cadmium	106-1	188.10	190.31	192.99	190.47	1.29	ppb
Cadmium	111-1	97.96	100.23	99.17	99.12	1.14	ppb
Calcium	43-1	2082.43	2104.38	2131.46	2106.09	1.17	ppb
Calcium	44-1	2125.23	2157.55	2173.17	2151.99	1.14	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	94.96	96.01	95.16	95.37	0.58	ppb
Cobalt	59-2	98.21	98.99	97.22	98.14	0.91	ppb
Copper	63-2	103.70	103.66	102.19	103.18	0.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				99		%
Indium	115-1				96		%
Indium	115-2				99		%
Iron	54-2	2123.02	2123.21	2083.98	2110.07	1.07	ppb
Iron	56-2	2120.12	2144.60	2082.81	2115.84	1.47	ppb
Iron	57-2	2030.29	2017.38	2011.45	2019.71	0.48	ppb
Krypton	83-1						cps
Lead	206-1	207.76	201.77	203.24	204.26	1.53	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : ICV002 Instrumnet Name : P8
Client Sample ID : ICV002 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 13:45:38 DataFile Name : 013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	200.08	192.82	195.84	196.25	1.86	ppb
Lead	208-1	201.56	198.42	199.12	199.70	0.82	ppb
Lithium	6-1				96		%
Magnesium	24-2	1213.00	1213.75	1192.31	1206.35	1.01	ppb
Manganese	55-2	99.35	99.11	98.37	98.94	0.52	ppb
Molybdenum	94-1	4804.47	4784.86	4764.29	4784.54	0.42	ppb
Molybdenum	95-1	4752.93	4791.42	4779.35	4774.57	0.41	ppb
Molybdenum	96-1	4695.28	4791.34	4818.16	4768.26	1.35	ppb
Molybdenum	97-1	4683.11	4742.14	4736.84	4720.69	0.69	ppb
Molybdenum	98-1	4771.83	4760.82	4802.43	4778.36	0.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	99.19	100.09	98.95	99.41	0.60	ppb
Phosphorus	31-2	-17.02	-23.12	-25.82	-21.98		ppb
Potassium	39-2	1842.29	1858.50	1833.74	1844.84	0.68	ppb
Rhodium	103-1				96		%
Rhodium	103-2				98		%
Scandium	45-1				96		%
Scandium	45-2				98		%
Selenium	82-1	197.15	200.94	201.94	200.01	1.26	ppb
Selenium	77-2	189.75	210.37	212.09	204.07	6.09	ppb
Selenium	78-2	195.68	184.20	205.00	194.96	5.34	ppb
Silicon	28-1	131.31	132.61	133.69	132.54	0.90	ppb
Silver	107-1	46.82	47.57	47.57	47.32	0.92	ppb
Silver	109-1	46.71	47.96	47.77	47.48	1.41	ppb
Sodium	23-2	1948.32	1940.13	1919.94	1936.13	0.75	ppb
Strontium	86-1	480.96	486.56	481.76	483.10	0.63	ppb
Strontium	88-1	474.09	475.48	481.62	477.06	0.84	ppb
Sulfur	34-1	-918.94	-867.67	-873.92	-886.84		ppb
Terbium	159-1				96		%
Terbium	159-2				101		%
Thallium	203-1	199.02	192.50	194.02	195.18	1.75	ppb
Thallium	205-1	193.17	187.81	191.52	190.83	1.44	ppb
Tin	118-1	531.59	534.15	532.72	532.82	0.24	ppb
Titanium	47-1	4695.48	4805.52	4753.59	4751.53	1.16	ppb
Uranium	238-1	474.50	477.23	476.35	476.03	0.29	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : ICV002 Instrumnet Name : P8
Client Sample ID : ICV002 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 13:45:38 DataFile Name : 013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	92.69	92.51	91.25	92.15	0.85	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				99		%
Zinc	66-2	197.88	196.61	198.70	197.73	0.53	ppb
Zirconium	90-1	499.84	498.64	493.57	497.35	0.67	ppb
Zirconium	91-1	501.78	504.22	505.95	503.98	0.42	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : ICB002 Instrumnet Name : P8
Client Sample ID : ICB002 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 13:59:01 DataFile Name : 017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.09	0.21	-0.06	0.08	162.37	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	16.12	ppb
Arsenic	75-2	0.00	0.01	0.00	0.00	3198.63	ppb
Barium	135-1	0.05	0.03	0.04	0.04	26.24	ppb
Barium	137-1	0.04	0.04	0.04	0.04	4.49	ppb
Beryllium	9-1	0.03	0.03	0.03	0.03	7.24	ppb
Bismuth	209-1				97		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Cadmium	108-1	-0.03	-0.01	0.06	0.01	537.19	ppb
Cadmium	106-1	-0.29	-0.38	-0.42	-0.36		ppb
Cadmium	111-1	0.00	0.00	-0.01	-0.01		ppb
Calcium	43-1	9.02	8.23	7.87	8.38	7.00	ppb
Calcium	44-1	7.70	8.02	8.67	8.13	6.09	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.06	0.04	0.12	0.07	54.53	ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	17.46	ppb
Copper	63-2	0.00	-0.02	-0.04	-0.02		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				98		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	54-2	-3.48	-4.14	-3.86	-3.83		ppb
Iron	56-2	-7.64	-7.63	-7.42	-7.56		ppb
Iron	57-2	-4.11	-4.68	-4.99	-4.60		ppb
Krypton	83-1						cps
Lead	206-1	0.08	0.07	0.06	0.07	12.44	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : ICB002 Instrumnet Name : P8
Client Sample ID : ICB002 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 13:59:01 DataFile Name : 017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.07	0.07	0.07	0.07	5.02	ppb
Lead	208-1	0.07	0.06	0.07	0.07	9.11	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.49	-0.22	-0.52	-0.41		ppb
Manganese	55-2	0.03	0.06	0.05	0.05	33.74	ppb
Molybdenum	94-1	0.00	0.01	0.02	0.01	69.48	ppb
Molybdenum	95-1	0.01	0.01	0.02	0.02	21.31	ppb
Molybdenum	96-1	0.01	0.01	0.02	0.01	10.76	ppb
Molybdenum	97-1	0.01	0.01	0.01	0.01	21.69	ppb
Molybdenum	98-1	0.01	0.01	0.01	0.01	29.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.05	0.09	0.02	410.20	ppb
Phosphorus	31-2	-23.88	-26.02	-27.47	-25.79		ppb
Potassium	39-2	16.94	13.19	12.19	14.11	17.75	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				98		%
Scandium	45-2				95		%
Selenium	82-1	-0.52	-0.12	-0.25	-0.30		ppb
Selenium	77-2	-0.29	-0.29	-0.29	-0.29		ppb
Selenium	78-2	1.01	-0.50	0.00	0.17	452.94	ppb
Silicon	28-1	-0.01	-0.22	0.09	-0.05		ppb
Silver	107-1	0.01	0.00	0.01	0.01	36.63	ppb
Silver	109-1	0.01	0.01	0.01	0.01	5.98	ppb
Sodium	23-2	18.14	16.69	16.76	17.19	4.74	ppb
Strontium	86-1	0.00	-0.01	0.01	0.00	405.46	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	22.31	ppb
Sulfur	34-1	-179.69	-317.63	-135.79	-211.04		ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	0.02	0.01	0.01	0.01	18.43	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	6.36	ppb
Tin	118-1	0.01	0.00	0.01	0.01	110.95	ppb
Titanium	47-1	-0.02	-0.01	-0.01	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number :

LB134353

Operator :

Jaswal

Lab Sample ID :

ICB002

Instrumnet Name :

P8

Client Sample ID :

ICB002

Dilution Factor :

1

Date & Time Acquired :

2025-01-20 13:59:01

DataFile Name :

017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	0.00	0.00	71.85	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				98		%
Zinc	66-2	0.46	0.25	0.50	0.40	33.03	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	19.50	ppb
Zirconium	91-1	0.00	0.00	0.01	0.00	139.41	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : ICSA002 Instrumnet Name : P8
Client Sample ID : ICSA002 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 14:02:26 DataFile Name : 018ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	93762.41	88860.52	92889.58	91837.50	2.85	ppb
Antimony	121-1	1.08	1.08	1.06	1.07	1.04	ppb
Arsenic	75-2	0.37	0.27	0.32	0.32	16.26	ppb
Barium	135-1	1.45	1.46	1.35	1.42	4.41	ppb
Barium	137-1	1.40	1.43	1.45	1.43	1.46	ppb
Beryllium	9-1	0.29	0.29	0.28	0.29	2.40	ppb
Bismuth	209-1				88		%
Bismuth	209-2				88		%
Bromine	81-1						cps
Cadmium	108-1	16.33	16.46	14.83	15.87	5.70	ppb
Cadmium	106-1	-0.82	-1.34	-2.09	-1.42		ppb
Cadmium	111-1	0.60	0.59	0.59	0.59	1.58	ppb
Calcium	43-1	98903.38	100491.09	100848.87	100081.12	1.03	ppb
Calcium	44-1	99302.80	101778.35	100591.78	100557.64	1.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	18.74	18.68	19.20	18.88	1.52	ppb
Cobalt	59-2	1.12	1.10	1.12	1.11	0.79	ppb
Copper	63-2	7.53	7.47	7.64	7.55	1.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				98		%
Indium	115-1				93		%
Indium	115-2				94		%
Iron	54-2	104576.41	103160.10	106683.94	104806.82	1.69	ppb
Iron	56-2	106107.75	103813.80	105973.61	105298.38	1.22	ppb
Iron	57-2	106217.35	103320.56	108667.24	106068.38	2.52	ppb
Krypton	83-1						cps
Lead	206-1	4.62	4.47	4.59	4.56	1.66	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : ICSA002 Instrumnet Name : P8
Client Sample ID : ICSA002 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 14:02:26 DataFile Name : 018ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	4.11	4.15	4.27	4.18	1.92	ppb
Lead	208-1	4.30	4.28	4.33	4.30	0.56	ppb
Lithium	6-1				89		%
Magnesium	24-2	105134.29	101119.89	104472.90	103575.70	2.08	ppb
Manganese	55-2	7.27	7.21	7.81	7.43	4.48	ppb
Molybdenum	94-1	1571.92	1597.81	1635.34	1601.69	1.99	ppb
Molybdenum	95-1	1942.50	1949.70	2001.05	1964.42	1.63	ppb
Molybdenum	96-1	1889.91	1911.45	1977.51	1926.29	2.37	ppb
Molybdenum	97-1	1923.00	1918.54	2000.17	1947.24	2.36	ppb
Molybdenum	98-1	1924.15	1920.66	1995.46	1946.76	2.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.11	4.90	5.26	5.09	3.52	ppb
Phosphorus	31-2	104994.64	102360.52	107271.90	104875.68	2.34	ppb
Potassium	39-2	99187.32	96456.16	99918.71	98520.73	1.85	ppb
Rhodium	103-1				91		%
Rhodium	103-2				91		%
Scandium	45-1				96		%
Scandium	45-2				97		%
Selenium	82-1	-0.29	0.28	0.08	0.02	1188.94	ppb
Selenium	77-2	-0.29	0.60	-0.29	0.01	6966.00	ppb
Selenium	78-2	0.79	-0.24	0.28	0.27	189.22	ppb
Silicon	28-1	7.25	7.39	7.32	7.32	0.97	ppb
Silver	107-1	0.06	0.05	0.06	0.06	7.30	ppb
Silver	109-1	0.06	0.06	0.05	0.06	7.30	ppb
Sodium	23-2	103330.17	99457.49	103152.76	101980.14	2.14	ppb
Strontium	86-1	30.14	30.88	31.11	30.71	1.65	ppb
Strontium	88-1	32.61	32.84	33.37	32.94	1.18	ppb
Sulfur	34-1	99171.07	100123.64	99297.82	99530.84	0.52	ppb
Terbium	159-1				97		%
Terbium	159-2				98		%
Thallium	203-1	0.12	0.14	0.14	0.13	8.61	ppb
Thallium	205-1	0.11	0.13	0.13	0.13	8.52	ppb
Tin	118-1	0.17	0.16	0.17	0.17	3.73	ppb
Titanium	47-1	2060.46	2103.88	2079.28	2081.20	1.05	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	2.93	ppb

LB Number :

LB134353

Operator :

Jaswal

Lab Sample ID :

ICSA002

Instrumnet Name :

P8

Client Sample ID :

ICSA002

Dilution Factor :

1

Date & Time Acquired :

2025-01-20 14:02:26

DataFile Name :

018ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.10	0.14	0.13	0.12	15.69	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				97		%
Zinc	66-2	10.86	10.99	11.05	10.97	0.87	ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	19.71	ppb
Zirconium	91-1	0.01	0.02	0.02	0.02	49.10	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : ICSAB002 Instrumnet Name : P8
Client Sample ID : ICSAB002 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 14:07:31 DataFile Name : 019ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91499.72	94053.50	91846.04	92466.42	1.50	ppb
Antimony	121-1	20.25	19.81	20.04	20.03	1.10	ppb
Arsenic	75-2	20.26	20.63	20.51	20.47	0.91	ppb
Barium	135-1	20.86	20.81	21.09	20.92	0.71	ppb
Barium	137-1	21.64	21.22	21.43	21.43	0.98	ppb
Beryllium	9-1	20.25	20.08	20.00	20.11	0.62	ppb
Bismuth	209-1				92		%
Bismuth	209-2				90		%
Bromine	81-1						cps
Cadmium	108-1	31.85	30.36	31.66	31.29	2.58	ppb
Cadmium	106-1	13.92	11.33	14.20	13.15	12.04	ppb
Cadmium	111-1	19.25	19.34	19.09	19.23	0.67	ppb
Calcium	43-1	101184.16	98615.89	100463.04	100087.69	1.32	ppb
Calcium	44-1	101028.73	99666.76	99787.61	100161.04	0.75	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	37.63	38.40	37.63	37.89	1.17	ppb
Cobalt	59-2	20.12	20.37	20.30	20.26	0.66	ppb
Copper	63-2	26.69	27.43	27.09	27.07	1.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	54-2	105063.21	106314.40	103160.32	104845.98	1.51	ppb
Iron	56-2	104896.75	106194.13	103865.90	104985.59	1.11	ppb
Iron	57-2	104185.50	105206.33	103978.77	104456.87	0.63	ppb
Krypton	83-1						cps
Lead	206-1	24.24	24.15	24.06	24.15	0.38	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : ICSAB002 Instrumnet Name : P8
Client Sample ID : ICSAB002 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 14:07:31 DataFile Name : 019ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	23.57	23.39	23.52	23.49	0.38	ppb
Lead	208-1	23.74	23.66	23.81	23.74	0.32	ppb
Lithium	6-1				91		%
Magnesium	24-2	104293.88	104452.36	104802.24	104516.16	0.25	ppb
Manganese	55-2	26.89	26.85	26.60	26.78	0.59	ppb
Molybdenum	94-1	1615.75	1611.00	1627.29	1618.01	0.52	ppb
Molybdenum	95-1	1971.37	1998.04	1990.61	1986.67	0.69	ppb
Molybdenum	96-1	1923.62	1954.71	1943.13	1940.49	0.81	ppb
Molybdenum	97-1	1949.76	1964.42	1983.32	1965.83	0.86	ppb
Molybdenum	98-1	1965.51	1940.44	1972.56	1959.50	0.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	23.80	24.13	23.39	23.78	1.55	ppb
Phosphorus	31-2	105106.63	105919.57	104141.28	105055.82	0.85	ppb
Potassium	39-2	97635.80	97926.19	99088.40	98216.80	0.78	ppb
Rhodium	103-1				94		%
Rhodium	103-2				93		%
Scandium	45-1				101		%
Scandium	45-2				102		%
Selenium	82-1	20.09	20.59	20.53	20.40	1.32	ppb
Selenium	77-2	20.78	22.53	13.94	19.09	23.78	ppb
Selenium	78-2	21.12	21.92	18.77	20.60	7.93	ppb
Silicon	28-1	7.75	7.64	7.59	7.66	1.04	ppb
Silver	107-1	17.79	17.77	17.90	17.82	0.39	ppb
Silver	109-1	18.60	18.14	18.32	18.35	1.24	ppb
Sodium	23-2	102925.44	103969.01	101684.41	102859.62	1.11	ppb
Strontium	86-1	30.86	31.02	31.05	30.98	0.32	ppb
Strontium	88-1	33.53	33.22	33.21	33.32	0.55	ppb
Sulfur	34-1	99562.11	98315.36	97037.31	98304.93	1.28	ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	19.27	19.29	19.32	19.29	0.11	ppb
Thallium	205-1	19.28	19.35	19.44	19.35	0.42	ppb
Tin	118-1	0.11	0.16	0.16	0.14	19.81	ppb
Titanium	47-1	2120.86	2065.46	2072.51	2086.28	1.45	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	3.64	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : ICSAB002 Instrumnet Name : P8
Client Sample ID : ICSAB002 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 14:07:31 DataFile Name : 019ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	19.24	19.31	19.07	19.21	0.63	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	30.09	29.88	29.55	29.84	0.92	ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	16.97	ppb
Zirconium	91-1	0.02	0.02	0.01	0.02	27.52	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : CCV006 Instrumnet Name : P8
Client Sample ID : CCV006 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 14:10:38 DataFile Name : 020CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50480.28	49188.38	49434.74	49701.13	1.38	ppb
Antimony	121-1	498.79	505.78	507.48	504.02	0.91	ppb
Arsenic	75-2	508.13	504.45	500.07	504.22	0.80	ppb
Barium	135-1	2551.63	2554.23	2549.96	2551.94	0.08	ppb
Barium	137-1	2575.88	2549.86	2557.04	2560.93	0.52	ppb
Beryllium	9-1	526.16	529.27	533.05	529.49	0.65	ppb
Bismuth	209-1				87		%
Bismuth	209-2				85		%
Bromine	81-1						cps
Cadmium	108-1	488.97	493.29	488.00	490.09	0.58	ppb
Cadmium	106-1	484.28	492.43	490.33	489.01	0.86	ppb
Cadmium	111-1	492.44	487.92	492.62	490.99	0.54	ppb
Calcium	43-1	257193.17	255130.41	256748.16	256357.24	0.42	ppb
Calcium	44-1	255651.88	254608.19	258285.55	256181.87	0.74	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	518.52	507.47	513.85	513.28	1.08	ppb
Cobalt	59-2	513.75	493.91	496.49	501.38	2.15	ppb
Copper	63-2	4889.64	4771.28	4764.75	4808.55	1.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				96		%
Indium	115-1				93		%
Indium	115-2				92		%
Iron	54-2	131906.04	127772.97	128232.32	129303.78	1.75	ppb
Iron	56-2	131291.03	126725.70	126450.22	128155.65	2.12	ppb
Iron	57-2	131888.73	126551.27	126948.60	128462.86	2.31	ppb
Krypton	83-1						cps
Lead	206-1	2583.87	2557.63	2572.38	2571.29	0.51	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : CCV006 Instrumnet Name : P8
Client Sample ID : CCV006 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 14:10:38 DataFile Name : 020CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2579.02	2559.98	2584.94	2574.65	0.51	ppb
Lead	208-1	2582.86	2574.95	2590.56	2582.79	0.30	ppb
Lithium	6-1				85		%
Magnesium	24-2	275928.53	271354.62	271764.90	273016.01	0.93	ppb
Manganese	55-2	5140.85	5001.01	5049.64	5063.83	1.40	ppb
Molybdenum	94-1	5137.22	5178.68	5137.56	5151.15	0.46	ppb
Molybdenum	95-1	5142.41	5127.98	5113.84	5128.08	0.28	ppb
Molybdenum	96-1	5061.00	5066.58	5115.49	5081.02	0.59	ppb
Molybdenum	97-1	5059.01	5085.93	5039.79	5061.58	0.46	ppb
Molybdenum	98-1	5095.91	5076.03	5064.61	5078.85	0.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	465.75	450.09	452.36	456.06	1.86	ppb
Phosphorus	31-2	10321.66	9916.73	10341.88	10193.42	2.35	ppb
Potassium	39-2	128202.30	125050.96	124192.29	125815.18	1.68	ppb
Rhodium	103-1				88		%
Rhodium	103-2				87		%
Scandium	45-1				98		%
Scandium	45-2				99		%
Selenium	82-1	491.40	486.74	480.63	486.26	1.11	ppb
Selenium	77-2	518.94	502.00	469.75	496.90	5.03	ppb
Selenium	78-2	498.15	486.18	498.52	494.28	1.42	ppb
Silicon	28-1	532.02	534.30	537.19	534.50	0.48	ppb
Silver	107-1	477.72	489.37	482.42	483.17	1.21	ppb
Silver	109-1	486.60	487.62	482.72	485.64	0.53	ppb
Sodium	23-2	264402.32	253188.53	253329.20	256973.35	2.50	ppb
Strontium	86-1	515.78	507.28	503.64	508.90	1.22	ppb
Strontium	88-1	499.26	509.21	502.93	503.80	1.00	ppb
Sulfur	34-1	10044.09	9787.78	9831.54	9887.80	1.39	ppb
Terbium	159-1				99		%
Terbium	159-2				97		%
Thallium	203-1	530.05	509.02	523.31	520.79	2.06	ppb
Thallium	205-1	515.36	509.71	519.66	514.91	0.97	ppb
Tin	118-1	507.28	510.45	510.13	509.29	0.34	ppb
Titanium	47-1	5060.36	5071.81	5124.65	5085.61	0.67	ppb
Uranium	238-1	532.51	533.92	539.61	535.35	0.70	ppb

LB Number :LB134353Operator :Jaswal

Lab Sample ID :CCV006Instrumnet Name :P8

Client Sample ID :CCV006Dilution Factor :1

Date & Time Acquired :2025-01-20 14:10:38DataFile Name :020CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	498.52	483.02	486.34	489.29	1.67	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				98		%
Zinc	66-2	4976.11	4783.71	4826.04	4861.95	2.08	ppb
Zirconium	90-1	506.32	511.79	512.16	510.09	0.64	ppb
Zirconium	91-1	506.67	521.42	516.10	514.73	1.45	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : CCB006 Instrumnet Name : P8
Client Sample ID : CCB006 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 14:13:41 DataFile Name : 021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.32	1.48	1.12	1.64	37.50	ppb
Antimony	121-1	0.08	0.08	0.07	0.08	7.19	ppb
Arsenic	75-2	0.04	0.03	0.04	0.04	18.35	ppb
Barium	135-1	0.16	0.15	0.15	0.15	6.46	ppb
Barium	137-1	0.18	0.16	0.15	0.16	7.03	ppb
Beryllium	9-1	0.09	0.09	0.09	0.09	2.02	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Cadmium	108-1	0.09	-0.01	0.04	0.04	119.07	ppb
Cadmium	106-1	0.01	-0.66	-0.54	-0.40		ppb
Cadmium	111-1	0.04	0.02	0.02	0.03	45.25	ppb
Calcium	43-1	19.85	14.95	14.55	16.45	17.96	ppb
Calcium	44-1	16.41	15.75	14.97	15.71	4.61	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	0.01	0.03	0.02	59.13	ppb
Cobalt	59-2	0.02	0.02	0.01	0.02	23.74	ppb
Copper	63-2	0.24	0.08	0.11	0.14	60.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	54-2	0.48	-1.95	-1.88	-1.12		ppb
Iron	56-2	-2.52	-5.42	-5.93	-4.62		ppb
Iron	57-2	1.24	-1.29	-2.85	-0.96		ppb
Krypton	83-1						cps
Lead	206-1	0.20	0.17	0.17	0.18	8.77	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : CCB006 Instrumnet Name : P8
Client Sample ID : CCB006 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 14:13:41 DataFile Name : 021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.20	0.20	0.16	0.19	11.73	ppb
Lead	208-1	0.20	0.18	0.17	0.19	5.80	ppb
Lithium	6-1				100		%
Magnesium	24-2	10.68	4.31	2.78	5.92	70.71	ppb
Manganese	55-2	0.17	0.10	0.11	0.13	32.49	ppb
Molybdenum	94-1	0.26	0.22	0.23	0.24	10.41	ppb
Molybdenum	95-1	0.26	0.22	0.22	0.23	8.67	ppb
Molybdenum	96-1	0.23	0.21	0.22	0.22	5.01	ppb
Molybdenum	97-1	0.25	0.22	0.19	0.22	14.00	ppb
Molybdenum	98-1	0.24	0.22	0.22	0.22	4.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.08	-0.10	0.03	0.00	1996.87	ppb
Phosphorus	31-2	-29.89	-29.03	-24.24	-27.72		ppb
Potassium	39-2	30.42	27.90	27.15	28.49	6.01	ppb
Rhodium	103-1				105		%
Rhodium	103-2				103		%
Scandium	45-1				105		%
Scandium	45-2				102		%
Selenium	82-1	-0.20	-0.31	-0.27	-0.26		ppb
Selenium	77-2	-0.29	-0.29	-0.29	-0.29		ppb
Selenium	78-2	-0.01	0.46	0.47	0.31	89.66	ppb
Silicon	28-1	-0.07	-0.22	-0.54	-0.28		ppb
Silver	107-1	0.05	0.05	0.05	0.05	8.55	ppb
Silver	109-1	0.05	0.05	0.04	0.05	15.63	ppb
Sodium	23-2	47.03	38.05	37.55	40.88	13.04	ppb
Strontium	86-1	0.01	0.01	0.01	0.01	38.16	ppb
Strontium	88-1	0.02	0.01	0.01	0.01	5.49	ppb
Sulfur	34-1	-600.30	-611.38	-717.65	-643.11		ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	0.08	0.07	0.07	0.08	7.20	ppb
Thallium	205-1	0.08	0.08	0.07	0.07	5.57	ppb
Tin	118-1	0.05	0.03	0.03	0.04	35.86	ppb
Titanium	47-1	0.19	0.16	0.17	0.18	8.34	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	6.51	ppb

LB Number :

LB134353

Operator :

Jaswal

Lab Sample ID :

CCB006

Instrumnet Name :

P8

Client Sample ID :

CCB006

Dilution Factor :

1

Date & Time Acquired :

2025-01-20 14:13:41

DataFile Name :

021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.02	0.01	0.00	0.01	88.62	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				103		%
Zinc	66-2	0.64	0.67	0.56	0.63	9.46	ppb
Zirconium	90-1	0.03	0.02	0.02	0.02	16.18	ppb
Zirconium	91-1	0.03	0.02	0.03	0.03	19.69	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : P2403-01 Instrumnet Name : P8
Client Sample ID : LOD-MDL-SOIL-01-QT2- Dilution Factor : 1
Date & Time Acquired : 2025-01-20 14:20:25 DataFile Name : 023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.05	8.22	9.77	8.68	10.90	ppb
Antimony	121-1	0.41	0.42	0.41	0.41	1.46	ppb
Arsenic	75-2	0.48	0.56	0.47	0.50	9.85	ppb
Barium	135-1	2.01	2.08	2.12	2.07	2.55	ppb
Barium	137-1	2.18	2.13	2.12	2.14	1.48	ppb
Beryllium	9-1	0.41	0.44	0.44	0.43	4.24	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Cadmium	108-1	0.42	0.37	0.35	0.38	8.71	ppb
Cadmium	106-1	0.51	0.29	-0.18	0.21	168.55	ppb
Cadmium	111-1	0.43	0.39	0.40	0.40	5.37	ppb
Calcium	43-1	182.72	191.22	190.02	187.99	2.45	ppb
Calcium	44-1	186.37	190.73	193.04	190.05	1.78	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.59	0.69	0.57	0.62	10.50	ppb
Cobalt	59-2	0.42	0.41	0.40	0.41	1.99	ppb
Copper	63-2	0.88	0.98	0.94	0.93	5.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	54-2	45.28	43.41	42.15	43.61	3.62	ppb
Iron	56-2	39.27	38.73	37.83	38.61	1.89	ppb
Iron	57-2	41.27	40.86	38.22	40.12	4.12	ppb
Krypton	83-1						cps
Lead	206-1	0.43	0.45	0.49	0.45	6.32	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : P2403-01 Instrumnet Name : P8
Client Sample ID : LOD-MDL-SOIL-01-QT2- Dilution Factor : 1
Date & Time Acquired : 2025-01-20 14:20:25 DataFile Name : 023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.47	0.45	0.47	0.47	2.02	ppb
Lead	208-1	0.46	0.46	0.46	0.46	0.86	ppb
Lithium	6-1				100		%
Magnesium	24-2	220.85	214.74	213.76	216.45	1.78	ppb
Manganese	55-2	0.93	0.99	1.01	0.98	4.29	ppb
Molybdenum	94-1	1.08	1.02	1.04	1.05	2.84	ppb
Molybdenum	95-1	0.40	0.44	0.41	0.41	5.22	ppb
Molybdenum	96-1	0.47	0.45	0.50	0.47	5.30	ppb
Molybdenum	97-1	0.42	0.42	0.40	0.41	3.39	ppb
Molybdenum	98-1	0.41	0.40	0.42	0.41	2.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.41	0.41	0.52	0.44	14.17	ppb
Phosphorus	31-2	-17.05	-18.59	-16.67	-17.44		ppb
Potassium	39-2	138.45	136.61	133.88	136.31	1.69	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				104		%
Scandium	45-2				102		%
Selenium	82-1	4.27	4.50	4.41	4.39	2.65	ppb
Selenium	77-2	7.33	0.56	11.53	6.47	85.53	ppb
Selenium	78-2	4.68	5.66	6.39	5.57	15.35	ppb
Silicon	28-1	0.17	0.59	0.89	0.55	65.68	ppb
Silver	107-1	0.43	0.43	0.44	0.43	2.21	ppb
Silver	109-1	0.42	0.43	0.45	0.43	3.85	ppb
Sodium	23-2	221.51	218.19	212.74	217.48	2.04	ppb
Strontium	86-1	0.37	0.35	0.38	0.37	4.20	ppb
Strontium	88-1	0.38	0.38	0.38	0.38	0.86	ppb
Sulfur	34-1	-442.97	-330.00	-284.54	-352.50		ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	0.42	0.40	0.42	0.41	3.15	ppb
Thallium	205-1	0.40	0.40	0.41	0.40	1.78	ppb
Tin	118-1	0.38	0.39	0.38	0.38	1.48	ppb
Titanium	47-1	0.37	0.40	0.44	0.40	8.58	ppb
Uranium	238-1	0.37	0.38	0.38	0.37	1.02	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : P2403-01 Instrumnet Name : P8
Client Sample ID : LOD-MDL-SOIL-01-QT2- Dilution Factor : 1
Date & Time Acquired : 2025-01-20 14:20:25 DataFile Name : 023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.44	0.39	0.36	0.40	10.68	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				102		%
Zinc	66-2	1.02	1.20	0.97	1.06	11.45	ppb
Zirconium	90-1	0.39	0.39	0.38	0.38	1.46	ppb
Zirconium	91-1	0.38	0.40	0.42	0.40	4.97	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : P2403-02 Instrumnet Name : P8
Client Sample ID : LOQ-SOIL-02-QT2-2024 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 14:23:46 DataFile Name : 024LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.60	19.20	18.63	19.14	2.56	ppb
Antimony	121-1	1.85	1.87	1.83	1.85	0.97	ppb
Arsenic	75-2	0.87	1.03	1.00	0.97	8.91	ppb
Barium	135-1	9.25	9.43	9.38	9.35	1.00	ppb
Barium	137-1	9.41	9.55	9.55	9.50	0.83	ppb
Beryllium	9-1	0.94	0.94	0.97	0.95	2.17	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Cadmium	108-1	0.99	0.98	0.99	0.99	0.30	ppb
Cadmium	106-1	0.36	0.16	0.84	0.45	77.27	ppb
Cadmium	111-1	0.89	0.93	1.02	0.95	6.88	ppb
Calcium	43-1	475.41	477.94	470.04	474.46	0.85	ppb
Calcium	44-1	470.14	467.86	478.34	472.11	1.17	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.91	1.84	1.87	1.87	1.82	ppb
Cobalt	59-2	1.00	1.02	0.96	0.99	2.94	ppb
Copper	63-2	1.97	1.89	2.01	1.96	2.95	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	54-2	48.90	47.51	48.42	48.28	1.46	ppb
Iron	56-2	41.82	42.27	43.35	42.48	1.85	ppb
Iron	57-2	44.82	43.96	49.34	46.04	6.28	ppb
Krypton	83-1						cps
Lead	206-1	0.93	0.94	0.94	0.94	0.59	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : P2403-02 Instrumnet Name : P8
Client Sample ID : LOQ-SOIL-02-QT2-2024 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 14:23:46 DataFile Name : 024LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.94	0.92	0.92	0.93	1.46	ppb
Lead	208-1	0.94	0.93	0.93	0.93	0.10	ppb
Lithium	6-1				101		%
Magnesium	24-2	524.85	526.55	531.32	527.57	0.64	ppb
Manganese	55-2	1.06	0.96	1.06	1.03	5.21	ppb
Molybdenum	94-1	5.31	5.31	5.46	5.36	1.57	ppb
Molybdenum	95-1	4.49	4.55	4.55	4.53	0.82	ppb
Molybdenum	96-1	4.65	4.66	4.54	4.61	1.46	ppb
Molybdenum	97-1	4.45	4.52	4.41	4.46	1.18	ppb
Molybdenum	98-1	4.50	4.49	4.51	4.50	0.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.94	1.01	1.00	0.98	4.17	ppb
Phosphorus	31-2	17.44	11.29	-3.48	8.42	127.73	ppb
Potassium	39-2	466.40	472.01	477.29	471.90	1.15	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	82-1	4.78	4.94	4.84	4.85	1.69	ppb
Selenium	77-2	6.56	2.27	2.31	3.71	66.34	ppb
Selenium	78-2	5.48	4.97	6.06	5.50	9.93	ppb
Silicon	28-1	1.54	1.57	1.75	1.62	7.01	ppb
Silver	107-1	0.89	0.94	0.96	0.93	3.82	ppb
Silver	109-1	0.93	0.94	0.98	0.95	2.79	ppb
Sodium	23-2	496.57	502.14	502.88	500.53	0.69	ppb
Strontium	86-1	0.89	0.88	0.86	0.88	1.56	ppb
Strontium	88-1	0.88	0.87	0.88	0.88	0.56	ppb
Sulfur	34-1	-385.21	-399.40	-313.89	-366.17		ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	0.88	0.90	0.88	0.89	1.52	ppb
Thallium	205-1	0.87	0.88	0.89	0.88	1.34	ppb
Tin	118-1	4.61	4.66	4.71	4.66	1.07	ppb
Titanium	47-1	4.56	4.63	4.64	4.61	0.93	ppb
Uranium	238-1	0.85	0.86	0.84	0.85	1.38	ppb

LB Number :LB134353Operator :Jaswal

Lab Sample ID :P2403-02Instrumnet Name :P8

Client Sample ID :LOQ-SOIL-02-QT2-2024Dilution Factor :1

Date & Time Acquired :2025-01-20 14:23:46DataFile Name :024LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	4.66	4.82	4.56	4.68	2.79	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				101		%
Zinc	66-2	5.08	5.17	5.36	5.20	2.82	ppb
Zirconium	90-1	0.88	0.92	0.91	0.90	2.39	ppb
Zirconium	91-1	0.92	0.87	0.92	0.91	3.06	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : P2403-16 Instrumnet Name : P8
Client Sample ID : LLOQ-SOIL-QT2-2024 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 14:27:10 DataFile Name : 025LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.56	19.55	19.60	18.57	9.37	ppb
Antimony	121-1	1.82	1.85	1.97	1.88	4.19	ppb
Arsenic	75-2	1.04	1.05	1.14	1.08	5.22	ppb
Barium	135-1	9.37	9.35	9.69	9.47	1.99	ppb
Barium	137-1	9.40	9.52	9.87	9.59	2.56	ppb
Beryllium	9-1	0.98	0.96	0.96	0.97	1.02	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Cadmium	108-1	0.90	1.01	0.99	0.97	5.97	ppb
Cadmium	106-1	0.17	-0.16	-0.33	-0.11		ppb
Cadmium	111-1	0.94	0.94	1.02	0.97	5.01	ppb
Calcium	43-1	475.88	466.25	493.06	478.40	2.84	ppb
Calcium	44-1	465.92	479.98	487.33	477.74	2.28	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.79	1.80	1.91	1.83	3.74	ppb
Cobalt	59-2	0.97	1.00	0.98	0.98	1.67	ppb
Copper	63-2	1.78	1.94	1.99	1.90	5.99	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				99		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				104		%
Iron	54-2	44.66	47.16	44.58	45.47	3.22	ppb
Iron	56-2	40.03	41.98	41.94	41.32	2.70	ppb
Iron	57-2	43.22	42.58	42.53	42.77	0.90	ppb
Krypton	83-1						cps
Lead	206-1	0.91	0.91	0.97	0.93	3.84	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : P2403-16 Instrumnet Name : P8
Client Sample ID : LLOQ-SOIL-QT2-2024 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 14:27:10 DataFile Name : 025LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.95	0.97	0.95	0.96	1.06	ppb
Lead	208-1	0.94	0.96	0.95	0.95	0.92	ppb
Lithium	6-1				100		%
Magnesium	24-2	506.91	519.34	527.26	517.84	1.98	ppb
Manganese	55-2	0.92	0.92	0.98	0.94	3.74	ppb
Molybdenum	94-1	5.44	5.40	5.54	5.46	1.39	ppb
Molybdenum	95-1	4.55	4.49	4.64	4.56	1.65	ppb
Molybdenum	96-1	4.63	4.53	4.70	4.62	1.91	ppb
Molybdenum	97-1	4.59	4.57	4.74	4.64	1.91	ppb
Molybdenum	98-1	4.48	4.50	4.59	4.52	1.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.79	0.96	0.87	0.88	9.92	ppb
Phosphorus	31-2	-1.71	-0.92	-6.64	-3.09		ppb
Potassium	39-2	441.01	467.17	473.60	460.59	3.75	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	82-1	4.58	4.88	4.34	4.60	5.95	ppb
Selenium	77-2	4.55	5.47	11.62	7.22	53.26	ppb
Selenium	78-2	4.91	6.94	4.84	5.56	21.43	ppb
Silicon	28-1	1.26	1.42	1.84	1.51	19.83	ppb
Silver	107-1	0.95	0.93	0.96	0.95	1.69	ppb
Silver	109-1	0.94	0.94	1.01	0.96	4.29	ppb
Sodium	23-2	471.78	482.55	493.79	482.71	2.28	ppb
Strontium	86-1	0.87	0.88	0.91	0.89	2.43	ppb
Strontium	88-1	0.90	0.88	0.91	0.90	1.95	ppb
Sulfur	34-1	-548.59	-443.95	-445.21	-479.25		ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	0.87	0.93	0.92	0.91	3.27	ppb
Thallium	205-1	0.89	0.88	0.89	0.89	0.56	ppb
Tin	118-1	4.69	4.70	4.89	4.76	2.39	ppb
Titanium	47-1	4.52	4.81	4.77	4.70	3.32	ppb
Uranium	238-1	0.86	0.86	0.87	0.86	0.46	ppb

LB Number :

LB134353

Operator :

Jaswal

Lab Sample ID :

P2403-16

Instrumnet Name :

P8

Client Sample ID :

LLOQ-SOIL-QT2-2024

Dilution Factor :

1

Date & Time Acquired :

2025-01-20 14:27:10

DataFile Name :

025LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	4.41	4.54	4.66	4.54	2.69	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				102		%
Zinc	66-2	5.20	4.88	5.20	5.09	3.52	ppb
Zirconium	90-1	0.90	0.91	0.92	0.91	1.06	ppb
Zirconium	91-1	0.90	0.88	0.92	0.90	2.68	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : P2403-08 Instrumnet Name : P8
Client Sample ID : LOQ-WATER-02-QT2-20 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 14:33:55 DataFile Name : 027LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.20	18.72	16.45	17.46	6.62	ppb
Antimony	121-1	1.85	1.86	1.83	1.85	0.81	ppb
Arsenic	75-2	0.97	0.97	1.24	1.06	14.66	ppb
Barium	135-1	9.19	9.48	9.41	9.36	1.60	ppb
Barium	137-1	9.39	9.58	9.39	9.45	1.14	ppb
Beryllium	9-1	0.92	0.93	0.97	0.94	2.52	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Cadmium	108-1	1.07	1.10	0.93	1.03	9.12	ppb
Cadmium	106-1	-0.05	0.42	0.44	0.27	103.80	ppb
Cadmium	111-1	0.93	1.01	0.95	0.96	4.54	ppb
Calcium	43-1	472.69	481.23	471.72	475.21	1.10	ppb
Calcium	44-1	467.52	485.54	471.99	475.01	1.98	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.93	1.91	1.83	1.89	2.63	ppb
Cobalt	59-2	0.97	1.03	1.01	1.00	3.29	ppb
Copper	63-2	2.06	2.10	2.09	2.09	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				101		%
Holmium	165-2				101		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	54-2	56.06	49.48	50.13	51.89	6.98	ppb
Iron	56-2	42.96	43.36	43.84	43.39	1.01	ppb
Iron	57-2	45.07	46.39	43.84	45.10	2.83	ppb
Krypton	83-1						cps
Lead	206-1	0.88	0.94	0.90	0.91	3.33	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : P2403-08 Instrumnet Name : P8
Client Sample ID : LOQ-WATER-02-QT2-20 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 14:33:55 DataFile Name : 027LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.91	0.93	0.93	0.92	1.35	ppb
Lead	208-1	0.91	0.93	0.91	0.92	1.55	ppb
Lithium	6-1				102		%
Magnesium	24-2	525.45	529.97	537.27	530.89	1.12	ppb
Manganese	55-2	1.09	1.00	0.90	1.00	9.66	ppb
Molybdenum	94-1	5.38	5.49	5.50	5.46	1.19	ppb
Molybdenum	95-1	4.44	4.70	4.58	4.58	2.83	ppb
Molybdenum	96-1	4.52	4.72	4.77	4.67	2.75	ppb
Molybdenum	97-1	4.55	4.66	4.58	4.60	1.21	ppb
Molybdenum	98-1	4.49	4.60	4.62	4.57	1.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.10	1.02	0.96	1.03	6.86	ppb
Phosphorus	31-2	15.29	3.76	3.87	7.64	86.71	ppb
Potassium	39-2	466.47	467.78	469.77	468.01	0.36	ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				104		%
Scandium	45-2				103		%
Selenium	82-1	4.06	4.60	4.56	4.40	6.83	ppb
Selenium	77-2	2.21	10.44	3.97	5.54	78.20	ppb
Selenium	78-2	6.05	4.79	4.96	5.27	13.02	ppb
Silicon	28-1	1.40	1.59	1.24	1.41	12.51	ppb
Silver	107-1	0.93	0.95	0.92	0.94	1.31	ppb
Silver	109-1	0.93	0.96	0.94	0.95	1.66	ppb
Sodium	23-2	488.27	495.61	501.17	495.01	1.31	ppb
Strontium	86-1	0.88	0.92	0.87	0.89	3.41	ppb
Strontium	88-1	0.87	0.87	0.89	0.88	1.42	ppb
Sulfur	34-1	-405.40	-313.23	-445.28	-387.97		ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	0.89	0.88	0.88	0.88	0.78	ppb
Thallium	205-1	0.87	0.88	0.87	0.87	1.03	ppb
Tin	118-1	4.63	4.76	4.71	4.70	1.41	ppb
Titanium	47-1	4.72	4.79	4.62	4.71	1.81	ppb
Uranium	238-1	0.85	0.86	0.85	0.86	0.38	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : P2403-08 Instrumnet Name : P8
Client Sample ID : LOQ-WATER-02-QT2-20 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 14:33:55 DataFile Name : 027LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	4.55	4.55	4.71	4.60	1.96	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				103		%
Zinc	66-2	5.00	5.28	4.97	5.08	3.39	ppb
Zirconium	90-1	0.90	0.91	0.89	0.90	1.19	ppb
Zirconium	91-1	0.90	0.93	0.99	0.94	5.16	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : P2403-17 Instrumnet Name : P8
Client Sample ID : LLOQ-WATER-QT2-2024 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 14:37:23 DataFile Name : 028LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.21	17.85	18.89	17.65	7.66	ppb
Antimony	121-1	1.85	1.95	1.92	1.91	2.82	ppb
Arsenic	75-2	1.09	1.07	1.07	1.07	0.93	ppb
Barium	135-1	9.64	9.95	9.81	9.80	1.57	ppb
Barium	137-1	9.60	9.86	9.76	9.74	1.35	ppb
Beryllium	9-1	0.96	0.96	0.95	0.96	0.62	ppb
Bismuth	209-1				91		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Cadmium	108-1	1.04	1.21	1.13	1.12	7.41	ppb
Cadmium	106-1	0.91	0.07	0.20	0.39	115.54	ppb
Cadmium	111-1	0.97	1.00	0.95	0.97	2.80	ppb
Calcium	43-1	495.77	492.84	490.27	492.96	0.56	ppb
Calcium	44-1	485.01	495.67	488.58	489.75	1.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.93	1.97	2.05	1.98	2.86	ppb
Cobalt	59-2	1.01	1.02	1.08	1.03	3.58	ppb
Copper	63-2	2.04	2.02	1.99	2.02	1.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				93		%
Indium	115-1				94		%
Indium	115-2				94		%
Iron	54-2	50.92	50.76	48.61	50.10	2.58	ppb
Iron	56-2	42.58	43.41	43.34	43.11	1.07	ppb
Iron	57-2	47.21	46.62	43.94	45.93	3.79	ppb
Krypton	83-1						cps
Lead	206-1	0.93	0.96	0.98	0.95	2.42	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : P2403-17 Instrumnet Name : P8
Client Sample ID : LLOQ-WATER-QT2-2024 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 14:37:23 DataFile Name : 028LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.97	0.98	0.97	0.97	0.69	ppb
Lead	208-1	0.93	0.96	0.95	0.95	1.55	ppb
Lithium	6-1				93		%
Magnesium	24-2	533.77	540.23	536.33	536.77	0.61	ppb
Manganese	55-2	0.95	1.02	1.04	1.00	4.85	ppb
Molybdenum	94-1	5.46	5.50	5.60	5.52	1.32	ppb
Molybdenum	95-1	4.73	4.72	4.68	4.71	0.52	ppb
Molybdenum	96-1	4.71	4.74	4.81	4.75	1.15	ppb
Molybdenum	97-1	4.69	4.73	4.80	4.74	1.14	ppb
Molybdenum	98-1	4.55	4.63	4.64	4.61	1.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.97	1.08	1.05	1.03	5.14	ppb
Phosphorus	31-2	14.92	-9.80	-15.95	-3.61		ppb
Potassium	39-2	473.61	489.97	480.09	481.22	1.71	ppb
Rhodium	103-1				94		%
Rhodium	103-2				95		%
Scandium	45-1				93		%
Scandium	45-2				95		%
Selenium	82-1	4.81	5.35	4.74	4.97	6.72	ppb
Selenium	77-2	4.23	2.44	2.45	3.04	33.89	ppb
Selenium	78-2	5.81	5.33	6.40	5.85	9.22	ppb
Silicon	28-1	2.00	2.50	2.25	2.25	11.06	ppb
Silver	107-1	0.95	0.97	0.97	0.96	1.59	ppb
Silver	109-1	0.96	0.97	0.98	0.97	0.80	ppb
Sodium	23-2	502.53	505.79	510.25	506.19	0.77	ppb
Strontium	86-1	0.87	0.89	0.92	0.90	3.04	ppb
Strontium	88-1	0.89	0.91	0.90	0.90	1.13	ppb
Sulfur	34-1	81.57	380.48	293.45	251.83	61.05	ppb
Terbium	159-1				93		%
Terbium	159-2				95		%
Thallium	203-1	0.87	0.91	0.94	0.91	3.84	ppb
Thallium	205-1	0.89	0.91	0.91	0.91	1.70	ppb
Tin	118-1	4.71	4.94	4.84	4.83	2.39	ppb
Titanium	47-1	5.03	4.91	4.83	4.93	2.07	ppb
Uranium	238-1	0.86	0.90	0.88	0.88	2.32	ppb

LB Number :

LB134353

Operator :

Jaswal

Lab Sample ID :

P2403-17

Instrumnet Name :

P8

Client Sample ID :

LLOQ-WATER-QT2-2024

Dilution Factor :

1

Date & Time Acquired :

2025-01-20 14:37:23

DataFile Name :

028LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	4.56	4.82	4.65	4.68	2.85	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				94		%
Yttrium	89-2				95		%
Zinc	66-2	4.85	5.28	5.39	5.17	5.59	ppb
Zirconium	90-1	0.94	0.93	0.91	0.93	1.50	ppb
Zirconium	91-1	0.91	0.94	0.90	0.91	2.52	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : P2403-07 Instrumnet Name : P8
Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 14:40:47 DataFile Name : 029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.01	8.63	8.18	8.27	3.88	ppb
Antimony	121-1	0.40	0.38	0.42	0.40	5.84	ppb
Arsenic	75-2	0.45	0.48	0.38	0.44	11.18	ppb
Barium	135-1	2.07	2.05	2.24	2.12	4.88	ppb
Barium	137-1	2.06	2.06	2.16	2.09	2.77	ppb
Beryllium	9-1	0.41	0.40	0.45	0.42	5.39	ppb
Bismuth	209-1				98		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Cadmium	108-1	0.49	0.37	0.36	0.40	17.75	ppb
Cadmium	106-1	-0.77	-0.19	-0.13	-0.37		ppb
Cadmium	111-1	0.41	0.40	0.44	0.42	5.39	ppb
Calcium	43-1	193.37	187.63	204.52	195.17	4.40	ppb
Calcium	44-1	188.93	184.23	199.64	190.93	4.13	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.59	0.66	0.63	0.63	5.52	ppb
Cobalt	59-2	0.42	0.40	0.40	0.41	1.83	ppb
Copper	63-2	0.81	0.82	0.91	0.85	6.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				99		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	54-2	42.26	42.41	42.21	42.29	0.25	ppb
Iron	56-2	42.78	38.29	38.54	39.87	6.33	ppb
Iron	57-2	39.66	43.63	39.97	41.09	5.37	ppb
Krypton	83-1						cps
Lead	206-1	0.43	0.41	0.44	0.43	3.69	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : P2403-07 Instrumnet Name : P8
Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 14:40:47 DataFile Name : 029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.43	0.40	0.44	0.42	4.42	ppb
Lead	208-1	0.42	0.40	0.44	0.42	4.09	ppb
Lithium	6-1				97		%
Magnesium	24-2	215.67	222.06	215.38	217.70	1.74	ppb
Manganese	55-2	0.95	0.99	0.95	0.96	2.20	ppb
Molybdenum	94-1	1.08	1.03	1.10	1.07	3.23	ppb
Molybdenum	95-1	0.39	0.41	0.40	0.40	2.37	ppb
Molybdenum	96-1	0.46	0.48	0.48	0.48	2.44	ppb
Molybdenum	97-1	0.40	0.40	0.44	0.42	5.74	ppb
Molybdenum	98-1	0.40	0.40	0.44	0.41	5.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.34	0.43	0.45	0.41	14.09	ppb
Phosphorus	31-2	-21.79	-21.50	-20.40	-21.23		ppb
Potassium	39-2	124.47	132.16	129.07	128.57	3.01	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	4.67	4.55	5.42	4.88	9.61	ppb
Selenium	77-2	3.09	4.80	4.85	4.25	23.61	ppb
Selenium	78-2	2.94	5.92	6.74	5.20	38.40	ppb
Silicon	28-1	0.66	0.35	1.03	0.68	49.79	ppb
Silver	107-1	0.43	0.41	0.45	0.43	3.95	ppb
Silver	109-1	0.42	0.42	0.44	0.43	3.64	ppb
Sodium	23-2	209.49	211.62	206.76	209.29	1.16	ppb
Strontium	86-1	0.40	0.36	0.38	0.38	6.03	ppb
Strontium	88-1	0.39	0.36	0.40	0.38	5.07	ppb
Sulfur	34-1	-35.95	-243.15	65.58	-71.17		ppb
Terbium	159-1				99		%
Terbium	159-2				102		%
Thallium	203-1	0.37	0.39	0.42	0.40	6.25	ppb
Thallium	205-1	0.37	0.37	0.40	0.38	4.54	ppb
Tin	118-1	0.38	0.37	0.42	0.39	6.14	ppb
Titanium	47-1	0.37	0.38	0.46	0.40	12.25	ppb
Uranium	238-1	0.37	0.37	0.38	0.38	1.95	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : P2403-07 Instrumnet Name : P8
Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 14:40:47 DataFile Name : 029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.42	0.42	0.35	0.40	10.84	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				102		%
Zinc	66-2	0.86	1.11	1.16	1.04	15.44	ppb
Zirconium	90-1	0.38	0.36	0.41	0.38	5.87	ppb
Zirconium	91-1	0.38	0.37	0.39	0.38	2.36	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : P2403-11 Instrumnet Name : P8
Client Sample ID : LOQ-WATER-05-QT2-20 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 14:54:47 DataFile Name : 033LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.30	18.85	20.42	18.52	11.21	ppb
Antimony	121-1	1.87	1.84	1.90	1.87	1.48	ppb
Arsenic	75-2	0.91	1.18	0.94	1.01	14.60	ppb
Barium	135-1	9.31	9.38	9.62	9.43	1.73	ppb
Barium	137-1	9.52	9.59	9.69	9.60	0.93	ppb
Beryllium	9-1	0.91	0.93	0.92	0.92	1.17	ppb
Bismuth	209-1				97		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Cadmium	108-1	1.05	1.11	1.01	1.05	4.70	ppb
Cadmium	106-1	-1.01	-0.01	0.98	-0.02		ppb
Cadmium	111-1	0.94	1.00	1.00	0.98	3.90	ppb
Calcium	43-1	472.83	472.85	486.77	477.49	1.68	ppb
Calcium	44-1	465.90	467.61	482.45	471.99	1.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.72	1.78	1.97	1.82	7.12	ppb
Cobalt	59-2	0.96	0.96	1.05	0.99	5.22	ppb
Copper	63-2	1.87	1.84	2.07	1.93	6.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				103		%
Iron	54-2	47.24	44.85	52.30	48.13	7.91	ppb
Iron	56-2	41.77	39.66	45.93	42.46	7.52	ppb
Iron	57-2	45.46	44.80	48.34	46.20	4.08	ppb
Krypton	83-1						cps
Lead	206-1	0.89	0.91	0.92	0.91	1.65	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : P2403-11 Instrumnet Name : P8
Client Sample ID : LOQ-WATER-05-QT2-20 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 14:54:47 DataFile Name : 033LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.92	0.92	0.95	0.93	2.32	ppb
Lead	208-1	0.91	0.92	0.94	0.92	1.63	ppb
Lithium	6-1				101		%
Magnesium	24-2	515.52	504.47	563.09	527.70	5.90	ppb
Manganese	55-2	1.06	0.99	1.12	1.06	5.77	ppb
Molybdenum	94-1	5.40	5.38	5.47	5.41	0.88	ppb
Molybdenum	95-1	4.62	4.60	4.65	4.62	0.50	ppb
Molybdenum	96-1	4.59	4.64	4.69	4.64	1.12	ppb
Molybdenum	97-1	4.57	4.56	4.59	4.57	0.34	ppb
Molybdenum	98-1	4.58	4.52	4.59	4.56	0.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.15	0.96	1.13	1.08	9.91	ppb
Phosphorus	31-2	4.68	-6.36	3.51	0.61	996.56	ppb
Potassium	39-2	451.06	436.88	493.00	460.32	6.34	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	82-1	4.62	5.13	4.36	4.70	8.33	ppb
Selenium	77-2	5.58	3.00	5.29	4.62	30.53	ppb
Selenium	78-2	4.62	3.81	6.27	4.90	25.53	ppb
Silicon	28-1	1.03	1.11	1.37	1.17	15.08	ppb
Silver	107-1	0.94	0.95	0.99	0.96	2.80	ppb
Silver	109-1	0.95	0.99	0.96	0.97	2.17	ppb
Sodium	23-2	476.17	458.97	519.83	484.99	6.47	ppb
Strontium	86-1	0.89	0.92	0.90	0.90	1.78	ppb
Strontium	88-1	0.88	0.89	0.92	0.89	2.20	ppb
Sulfur	34-1	-99.96	-118.42	26.01	-64.12		ppb
Terbium	159-1				99		%
Terbium	159-2				101		%
Thallium	203-1	0.87	0.88	0.87	0.87	0.42	ppb
Thallium	205-1	0.88	0.88	0.88	0.88	0.39	ppb
Tin	118-1	4.74	4.76	4.78	4.76	0.45	ppb
Titanium	47-1	4.75	4.67	4.87	4.76	2.13	ppb
Uranium	238-1	0.86	0.87	0.86	0.86	0.65	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : P2403-11 Instrumnet Name : P8
Client Sample ID : LOQ-WATER-05-QT2-20 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 14:54:47 DataFile Name : 033LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	4.43	4.38	4.98	4.60	7.24	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	4.67	4.56	5.51	4.92	10.58	ppb
Zirconium	90-1	0.90	0.90	0.91	0.90	0.64	ppb
Zirconium	91-1	0.91	0.92	0.90	0.91	0.99	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : P2409-01 Instrumnet Name : P8
Client Sample ID : MDL-WATER-QT2-2024- Dilution Factor : 1
Date & Time Acquired : 2025-01-20 15:00:00 DataFile Name : 034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.38	8.52	8.93	8.61	3.32	ppb
Antimony	121-1	0.40	0.38	0.40	0.39	2.92	ppb
Arsenic	75-2	0.37	0.44	0.38	0.40	10.12	ppb
Barium	135-1	1.95	2.05	2.01	2.00	2.60	ppb
Barium	137-1	2.00	1.96	2.09	2.02	3.11	ppb
Beryllium	9-1	0.38	0.40	0.40	0.40	3.48	ppb
Bismuth	209-1				98		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Cadmium	108-1	0.36	0.40	0.40	0.39	6.73	ppb
Cadmium	106-1	-0.35	-1.25	-0.05	-0.55		ppb
Cadmium	111-1	0.37	0.37	0.42	0.39	6.90	ppb
Calcium	43-1	196.53	195.85	195.65	196.01	0.24	ppb
Calcium	44-1	194.85	191.90	193.01	193.26	0.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.71	0.70	0.74	0.72	3.02	ppb
Cobalt	59-2	0.40	0.42	0.45	0.43	6.28	ppb
Copper	63-2	0.82	0.81	0.86	0.83	3.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				97		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	54-2	36.98	37.10	38.18	37.42	1.77	ppb
Iron	56-2	33.94	34.48	33.72	34.05	1.14	ppb
Iron	57-2	39.08	35.62	38.17	37.63	4.76	ppb
Krypton	83-1						cps
Lead	206-1	0.39	0.39	0.40	0.40	1.05	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : P2409-01 Instrumnet Name : P8
Client Sample ID : MDL-WATER-QT2-2024- Dilution Factor : 1
Date & Time Acquired : 2025-01-20 15:00:00 DataFile Name : 034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.40	0.41	0.39	0.40	2.28	ppb
Lead	208-1	0.41	0.39	0.40	0.40	2.20	ppb
Lithium	6-1				99		%
Magnesium	24-2	217.30	217.71	216.74	217.25	0.22	ppb
Manganese	55-2	0.81	0.87	0.81	0.83	4.41	ppb
Molybdenum	94-1	1.07	1.05	1.03	1.05	1.74	ppb
Molybdenum	95-1	0.42	0.42	0.41	0.42	1.17	ppb
Molybdenum	96-1	0.47	0.48	0.50	0.48	3.37	ppb
Molybdenum	97-1	0.44	0.43	0.42	0.43	1.85	ppb
Molybdenum	98-1	0.42	0.40	0.41	0.41	1.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.47	0.39	0.52	0.46	13.96	ppb
Phosphorus	31-2	-23.43	-14.02	-32.91	-23.46		ppb
Potassium	39-2	132.25	128.03	123.53	127.94	3.41	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	82-1	4.61	4.15	5.00	4.59	9.25	ppb
Selenium	77-2	1.48	2.35	0.59	1.47	59.71	ppb
Selenium	78-2	5.94	9.98	4.35	6.76	42.98	ppb
Silicon	28-1	-0.07	-0.16	0.05	-0.06		ppb
Silver	107-1	0.38	0.41	0.40	0.40	3.21	ppb
Silver	109-1	0.38	0.43	0.43	0.41	5.99	ppb
Sodium	23-2	208.83	205.81	207.97	207.54	0.75	ppb
Strontium	86-1	0.40	0.34	0.38	0.37	8.69	ppb
Strontium	88-1	0.37	0.37	0.37	0.37	1.28	ppb
Sulfur	34-1	24.82	40.86	109.88	58.52	77.23	ppb
Terbium	159-1				99		%
Terbium	159-2				100		%
Thallium	203-1	0.38	0.36	0.38	0.38	3.08	ppb
Thallium	205-1	0.38	0.38	0.37	0.37	0.42	ppb
Tin	118-1	0.39	0.39	0.39	0.39	0.65	ppb
Titanium	47-1	0.43	0.38	0.39	0.40	5.90	ppb
Uranium	238-1	0.37	0.37	0.36	0.37	0.68	ppb

LB Number :LB134353Operator :Jaswal

Lab Sample ID :P2409-01Instrumnet Name :P8

Client Sample ID :MDL-WATER-QT2-2024-Dilution Factor :1

Date & Time Acquired :2025-01-20 15:00:00DataFile Name :034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.40	0.37	0.41	0.39	4.68	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				98		%
Zinc	66-2	1.25	0.97	1.12	1.11	12.21	ppb
Zirconium	90-1	0.37	0.36	0.39	0.38	3.66	ppb
Zirconium	91-1	0.40	0.39	0.37	0.39	3.98	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : P2403-10 Instrumnet Name : P8
Client Sample ID : LOD-MDL-WATER-04-Q1 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 15:06:21 DataFile Name : 035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.30	7.47	7.91	7.89	5.28	ppb
Antimony	121-1	0.37	0.37	0.39	0.38	2.88	ppb
Arsenic	75-2	0.55	0.50	0.38	0.48	17.59	ppb
Barium	135-1	1.97	1.92	1.99	1.96	1.79	ppb
Barium	137-1	1.98	2.00	2.05	2.01	1.76	ppb
Beryllium	9-1	0.40	0.38	0.37	0.38	4.03	ppb
Bismuth	209-1				97		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Cadmium	108-1	0.28	0.42	0.50	0.40	27.23	ppb
Cadmium	106-1	-0.78	-0.13	-0.19	-0.36		ppb
Cadmium	111-1	0.36	0.39	0.40	0.38	4.73	ppb
Calcium	43-1	189.44	189.01	191.84	190.10	0.80	ppb
Calcium	44-1	187.15	190.80	192.01	189.99	1.33	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.58	0.62	0.58	0.59	3.95	ppb
Cobalt	59-2	0.40	0.44	0.44	0.42	5.88	ppb
Copper	63-2	0.79	0.80	0.83	0.80	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				97		%
Holmium	165-2				96		%
Indium	115-1				99		%
Indium	115-2				96		%
Iron	54-2	35.30	37.04	39.03	37.12	5.03	ppb
Iron	56-2	32.32	33.13	32.48	32.64	1.32	ppb
Iron	57-2	33.91	35.86	36.21	35.32	3.50	ppb
Krypton	83-1						cps
Lead	206-1	0.39	0.41	0.40	0.40	1.56	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : P2403-10 Instrumnet Name : P8
Client Sample ID : LOD-MDL-WATER-04-Q1 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 15:06:21 DataFile Name : 035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.41	0.41	0.41	0.41	0.66	ppb
Lead	208-1	0.40	0.40	0.41	0.40	0.73	ppb
Lithium	6-1				102		%
Magnesium	24-2	217.63	222.39	218.30	219.44	1.18	ppb
Manganese	55-2	0.86	0.84	0.92	0.87	4.68	ppb
Molybdenum	94-1	1.02	1.02	1.08	1.04	3.46	ppb
Molybdenum	95-1	0.41	0.41	0.41	0.41	0.19	ppb
Molybdenum	96-1	0.46	0.48	0.46	0.47	3.13	ppb
Molybdenum	97-1	0.39	0.40	0.41	0.40	1.97	ppb
Molybdenum	98-1	0.39	0.40	0.40	0.40	1.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.42	0.42	0.51	0.45	10.97	ppb
Phosphorus	31-2	-13.76	-18.29	-13.72	-15.26		ppb
Potassium	39-2	124.31	122.38	127.23	124.64	1.96	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	82-1	4.07	4.31	3.94	4.11	4.53	ppb
Selenium	77-2	1.47	1.53	0.57	1.19	45.17	ppb
Selenium	78-2	8.73	4.00	3.26	5.33	55.74	ppb
Silicon	28-1	-0.17	0.00	-0.03	-0.07		ppb
Silver	107-1	0.39	0.41	0.40	0.40	2.79	ppb
Silver	109-1	0.40	0.39	0.40	0.39	2.00	ppb
Sodium	23-2	207.84	207.12	206.08	207.01	0.43	ppb
Strontium	86-1	0.38	0.39	0.37	0.38	3.16	ppb
Strontium	88-1	0.37	0.37	0.37	0.37	0.81	ppb
Sulfur	34-1	-129.32	-27.72	-68.68	-75.24		ppb
Terbium	159-1				99		%
Terbium	159-2				97		%
Thallium	203-1	0.37	0.37	0.36	0.37	1.33	ppb
Thallium	205-1	0.37	0.38	0.37	0.37	1.65	ppb
Tin	118-1	0.35	0.39	0.39	0.37	5.60	ppb
Titanium	47-1	0.41	0.39	0.37	0.39	5.31	ppb
Uranium	238-1	0.36	0.37	0.37	0.37	1.78	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : P2403-10 Instrumnet Name : P8
Client Sample ID : LOD-MDL-WATER-04-Q1 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 15:06:21 DataFile Name : 035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.36	0.35	0.36	0.36	1.90	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				98		%
Zinc	66-2	0.99	0.95	1.19	1.04	12.58	ppb
Zirconium	90-1	0.38	0.37	0.37	0.37	0.44	ppb
Zirconium	91-1	0.39	0.37	0.36	0.37	5.06	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : CCV007 Instrumnet Name : P8
Client Sample ID : CCV007 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 15:20:59 DataFile Name : 038CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48544.06	48577.80	49024.91	48715.59	0.55	ppb
Antimony	121-1	503.67	503.09	498.63	501.80	0.55	ppb
Arsenic	75-2	480.70	492.71	488.79	487.40	1.26	ppb
Barium	135-1	2529.52	2525.76	2549.01	2534.76	0.49	ppb
Barium	137-1	2517.37	2524.88	2565.40	2535.89	1.02	ppb
Beryllium	9-1	513.51	507.92	508.94	510.13	0.58	ppb
Bismuth	209-1				81		%
Bismuth	209-2				82		%
Bromine	81-1						cps
Cadmium	108-1	493.00	491.63	496.47	493.70	0.50	ppb
Cadmium	106-1	489.46	496.41	489.57	491.81	0.81	ppb
Cadmium	111-1	483.56	493.34	489.08	488.66	1.00	ppb
Calcium	43-1	253121.01	252161.02	249935.81	251739.28	0.65	ppb
Calcium	44-1	251377.28	252199.83	250698.88	251425.33	0.30	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	511.23	500.53	502.50	504.75	1.13	ppb
Cobalt	59-2	486.33	479.31	490.21	485.28	1.14	ppb
Copper	63-2	4699.08	4636.87	4692.85	4676.27	0.73	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				92		%
Holmium	165-2				93		%
Indium	115-1				86		%
Indium	115-2				88		%
Iron	54-2	128738.37	124933.55	127427.03	127032.98	1.52	ppb
Iron	56-2	125564.39	125607.50	125180.80	125450.90	0.19	ppb
Iron	57-2	126261.18	124938.36	125731.07	125643.54	0.53	ppb
Krypton	83-1						cps
Lead	206-1	2586.52	2526.90	2550.84	2554.75	1.17	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : CCV007 Instrumnet Name : P8
Client Sample ID : CCV007 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 15:20:59 DataFile Name : 038CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2558.27	2527.90	2544.40	2543.53	0.60	ppb
Lead	208-1	2570.79	2535.95	2536.59	2547.77	0.78	ppb
Lithium	6-1				86		%
Magnesium	24-2	268684.61	265030.22	269458.32	267724.39	0.88	ppb
Manganese	55-2	4992.25	4975.56	4954.20	4974.00	0.38	ppb
Molybdenum	94-1	4960.45	5041.53	5028.27	5010.08	0.87	ppb
Molybdenum	95-1	4994.24	4991.83	5003.61	4996.56	0.12	ppb
Molybdenum	96-1	4946.81	4994.51	4978.50	4973.27	0.49	ppb
Molybdenum	97-1	4949.29	5020.55	4979.50	4983.12	0.72	ppb
Molybdenum	98-1	4998.39	5049.85	5021.20	5023.15	0.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	483.78	484.60	489.54	485.97	0.64	ppb
Phosphorus	31-2	9894.00	9963.86	9971.60	9943.15	0.43	ppb
Potassium	39-2	122496.41	122703.90	124149.55	123116.62	0.73	ppb
Rhodium	103-1				83		%
Rhodium	103-2				83		%
Scandium	45-1				91		%
Scandium	45-2				94		%
Selenium	82-1	474.19	480.75	472.36	475.77	0.93	ppb
Selenium	77-2	488.06	461.12	499.90	483.03	4.11	ppb
Selenium	78-2	478.42	481.85	459.88	473.38	2.50	ppb
Silicon	28-1	533.52	531.92	521.38	528.94	1.25	ppb
Silver	107-1	477.85	474.94	484.11	478.97	0.98	ppb
Silver	109-1	485.13	483.99	483.18	484.10	0.20	ppb
Sodium	23-2	248470.23	247127.13	249329.15	248308.84	0.45	ppb
Strontium	86-1	508.66	513.49	501.51	507.89	1.19	ppb
Strontium	88-1	495.77	506.35	500.48	500.86	1.06	ppb
Sulfur	34-1	10121.03	9744.15	9686.51	9850.57	2.40	ppb
Terbium	159-1				92		%
Terbium	159-2				94		%
Thallium	203-1	519.61	512.68	514.26	515.51	0.70	ppb
Thallium	205-1	515.62	513.76	507.63	512.34	0.82	ppb
Tin	118-1	499.45	499.33	499.80	499.53	0.05	ppb
Titanium	47-1	5036.44	5090.90	5073.36	5066.90	0.55	ppb
Uranium	238-1	529.83	526.86	527.18	527.96	0.31	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : CCV007 Instrumnet Name : P8
Client Sample ID : CCV007 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 15:20:59 DataFile Name : 038CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	481.66	475.46	479.84	478.99	0.67	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				92		%
Yttrium	89-2				95		%
Zinc	66-2	4728.63	4672.91	4717.30	4706.28	0.63	ppb
Zirconium	90-1	499.70	503.81	504.45	502.66	0.51	ppb
Zirconium	91-1	509.06	505.09	510.29	508.15	0.53	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : CCB007 Instrumnet Name : P8
Client Sample ID : CCB007 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 15:27:15 DataFile Name : 040CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.39	0.01	0.50	0.30	86.45	ppb
Antimony	121-1	0.02	0.02	0.03	0.02	16.64	ppb
Arsenic	75-2	0.00	0.03	0.03	0.02	103.23	ppb
Barium	135-1	0.12	0.09	0.08	0.10	23.83	ppb
Barium	137-1	0.11	0.09	0.09	0.10	10.01	ppb
Beryllium	9-1	0.06	0.06	0.05	0.06	6.50	ppb
Bismuth	209-1				92		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Cadmium	108-1	0.05	-0.04	0.03	0.01	325.39	ppb
Cadmium	106-1	-0.81	-1.32	-0.46	-0.86		ppb
Cadmium	111-1	-0.01	0.00	-0.01	-0.01		ppb
Calcium	43-1	0.68	-0.62	-1.16	-0.37		ppb
Calcium	44-1	-1.51	-1.87	-1.80	-1.72		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.04	0.06	0.01	0.04	59.20	ppb
Cobalt	59-2	0.01	0.01	0.02	0.01	28.82	ppb
Copper	63-2	-0.02	-0.03	-0.08	-0.04		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				96		%
Indium	115-1				95		%
Indium	115-2				96		%
Iron	54-2	-3.10	-3.02	-3.74	-3.29		ppb
Iron	56-2	-6.96	-6.91	-6.99	-6.95		ppb
Iron	57-2	-3.94	-3.84	-3.09	-3.62		ppb
Krypton	83-1						cps
Lead	206-1	0.11	0.10	0.10	0.10	5.26	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : CCB007 Instrumnet Name : P8
Client Sample ID : CCB007 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 15:27:15 DataFile Name : 040CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.12	0.11	0.10	0.11	8.82	ppb
Lead	208-1	0.11	0.10	0.09	0.10	8.20	ppb
Lithium	6-1				96		%
Magnesium	24-2	1.80	1.77	2.31	1.96	15.67	ppb
Manganese	55-2	0.10	0.13	0.09	0.10	18.44	ppb
Molybdenum	94-1	0.05	0.04	0.04	0.04	22.55	ppb
Molybdenum	95-1	0.04	0.03	0.02	0.03	26.83	ppb
Molybdenum	96-1	0.03	0.02	0.03	0.03	7.93	ppb
Molybdenum	97-1	0.03	0.02	0.02	0.02	36.33	ppb
Molybdenum	98-1	0.03	0.02	0.03	0.03	38.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.05	0.05	-0.02	-0.01		ppb
Phosphorus	31-2	-25.13	-32.08	-28.61	-28.61		ppb
Potassium	39-2	13.22	18.05	15.98	15.75	15.40	ppb
Rhodium	103-1				96		%
Rhodium	103-2				97		%
Scandium	45-1				96		%
Scandium	45-2				95		%
Selenium	82-1	-0.22	-0.32	-0.22	-0.25		ppb
Selenium	77-2	-0.29	-0.29	-0.29	-0.29		ppb
Selenium	78-2	0.02	1.04	-0.50	0.19	420.37	ppb
Silicon	28-1	-0.44	-0.48	-0.52	-0.48		ppb
Silver	107-1	0.01	0.01	0.01	0.01	6.50	ppb
Silver	109-1	0.01	0.01	0.01	0.01	23.69	ppb
Sodium	23-2	25.99	28.33	26.23	26.85	4.80	ppb
Strontium	86-1	0.02	0.00	0.01	0.01	106.15	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	11.07	ppb
Sulfur	34-1	-274.55	-280.60	-314.96	-290.04		ppb
Terbium	159-1				94		%
Terbium	159-2				97		%
Thallium	203-1	0.02	0.02	0.02	0.02	7.97	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	11.75	ppb
Tin	118-1	-0.02	-0.01	-0.03	-0.02		ppb
Titanium	47-1	0.01	-0.02	-0.01	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	98.10	ppb

LB Number :

LB134353

Operator :

Jaswal

Lab Sample ID :

CCB007

Instrumnet Name :

P8

Client Sample ID :

CCB007

Dilution Factor :

1

Date & Time Acquired :

2025-01-20 15:27:15

DataFile Name :

040CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	0.00	0.00	281.15	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				95		%
Yttrium	89-2				97		%
Zinc	66-2	-0.04	0.10	0.04	0.03	223.33	ppb
Zirconium	90-1	0.01	0.00	0.01	0.01	47.24	ppb
Zirconium	91-1	0.00	0.00	0.01	0.00	194.01	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : P2409-03 Instrumnet Name : P8
Client Sample ID : MDL-SOIL-QT2-2024-03 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 15:33:57 DataFile Name : 042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.08	7.95	7.62	7.89	3.00	ppb
Antimony	121-1	0.41	0.41	0.40	0.41	1.39	ppb
Arsenic	75-2	0.36	0.39	0.40	0.39	4.77	ppb
Barium	135-1	1.96	2.05	1.99	2.00	2.21	ppb
Barium	137-1	1.99	2.03	2.10	2.04	2.71	ppb
Beryllium	9-1	0.41	0.39	0.41	0.40	3.09	ppb
Bismuth	209-1				95		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Cadmium	108-1	0.46	0.42	0.31	0.39	19.69	ppb
Cadmium	106-1	-0.80	-0.84	-0.67	-0.77		ppb
Cadmium	111-1	0.36	0.38	0.39	0.38	3.25	ppb
Calcium	43-1	190.65	191.72	187.21	189.86	1.24	ppb
Calcium	44-1	189.72	187.25	189.29	188.75	0.70	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.60	0.57	0.55	0.57	4.59	ppb
Cobalt	59-2	0.44	0.42	0.43	0.43	2.61	ppb
Copper	63-2	0.80	0.79	0.77	0.79	2.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				98		%
Indium	115-1				98		%
Indium	115-2				99		%
Iron	54-2	37.28	37.73	37.94	37.65	0.88	ppb
Iron	56-2	33.08	32.98	32.73	32.93	0.54	ppb
Iron	57-2	35.94	36.76	33.38	35.36	4.98	ppb
Krypton	83-1						cps
Lead	206-1	0.44	0.45	0.46	0.45	1.94	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : P2409-03 Instrumnet Name : P8
Client Sample ID : MDL-SOIL-QT2-2024-03 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 15:33:57 DataFile Name : 042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.48	0.47	0.47	0.48	0.82	ppb
Lead	208-1	0.45	0.46	0.45	0.46	0.94	ppb
Lithium	6-1				100		%
Magnesium	24-2	214.58	216.67	214.47	215.24	0.58	ppb
Manganese	55-2	1.01	0.93	0.90	0.95	6.24	ppb
Molybdenum	94-1	0.97	0.99	1.01	0.99	2.21	ppb
Molybdenum	95-1	0.39	0.38	0.40	0.39	2.86	ppb
Molybdenum	96-1	0.45	0.45	0.48	0.46	3.26	ppb
Molybdenum	97-1	0.38	0.43	0.41	0.40	6.55	ppb
Molybdenum	98-1	0.41	0.39	0.41	0.40	2.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.52	0.48	0.42	0.47	10.06	ppb
Phosphorus	31-2	-21.81	-18.31	-21.85	-20.66		ppb
Potassium	39-2	126.91	132.35	129.58	129.61	2.10	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	82-1	4.58	4.53	4.61	4.57	0.92	ppb
Selenium	77-2	4.95	3.24	2.30	3.50	38.37	ppb
Selenium	78-2	3.82	3.87	3.02	3.57	13.32	ppb
Silicon	28-1	-0.15	-0.11	-0.21	-0.16		ppb
Silver	107-1	0.40	0.41	0.41	0.41	1.71	ppb
Silver	109-1	0.40	0.41	0.42	0.41	2.71	ppb
Sodium	23-2	216.44	213.17	212.97	214.19	0.91	ppb
Strontium	86-1	0.34	0.37	0.35	0.35	4.97	ppb
Strontium	88-1	0.37	0.37	0.36	0.37	0.88	ppb
Sulfur	34-1	-539.10	-575.95	-592.52	-569.19		ppb
Terbium	159-1				97		%
Terbium	159-2				99		%
Thallium	203-1	0.38	0.37	0.37	0.37	1.01	ppb
Thallium	205-1	0.38	0.38	0.37	0.37	1.46	ppb
Tin	118-1	0.38	0.40	0.38	0.39	2.26	ppb
Titanium	47-1	0.40	0.37	0.36	0.38	5.94	ppb
Uranium	238-1	0.37	0.36	0.36	0.36	1.35	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : P2409-03 Instrumnet Name : P8
Client Sample ID : MDL-SOIL-QT2-2024-03 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 15:33:57 DataFile Name : 042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.37	0.36	0.44	0.39	11.05	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				99		%
Zinc	66-2	1.16	1.01	1.15	1.10	7.38	ppb
Zirconium	90-1	0.37	0.36	0.37	0.37	1.30	ppb
Zirconium	91-1	0.38	0.35	0.36	0.37	3.98	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : PBW Instrumnet Name : P8
Client Sample ID : PBW Dilution Factor : 1
Date & Time Acquired : 2025-01-20 15:48:25 DataFile Name : 045CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.67	-0.37	0.08	0.13	412.11	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	57.93	ppb
Arsenic	75-2	0.01	0.01	0.03	0.02	86.51	ppb
Barium	135-1	0.01	0.02	0.00	0.01	99.32	ppb
Barium	137-1	0.02	0.01	0.01	0.01	24.43	ppb
Beryllium	9-1	0.02	0.01	0.02	0.02	14.45	ppb
Bismuth	209-1				95		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Cadmium	108-1	0.09	-0.02	0.03	0.03	155.59	ppb
Cadmium	106-1	-1.26	-1.17	-1.42	-1.29		ppb
Cadmium	111-1	-0.03	-0.02	-0.03	-0.03		ppb
Calcium	43-1	-2.01	-2.22	-0.54	-1.59		ppb
Calcium	44-1	-2.12	-2.61	-2.21	-2.31		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.05	0.01	0.04	0.04	67.29	ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	21.78	ppb
Copper	63-2	-0.04	-0.04	-0.01	-0.03		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				97		%
Indium	115-1				97		%
Indium	115-2				98		%
Iron	54-2	-3.80	-3.10	-3.62	-3.50		ppb
Iron	56-2	-7.10	-7.21	-7.15	-7.15		ppb
Iron	57-2	-3.80	-3.41	-3.72	-3.64		ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.04	0.04	0.04	5.26	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : PBW Instrumnet Name : P8
Client Sample ID : PBW Dilution Factor : 1
Date & Time Acquired : 2025-01-20 15:48:25 DataFile Name : 045CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.04	0.04	0.04	0.04	7.93	ppb
Lead	208-1	0.04	0.04	0.04	0.04	1.74	ppb
Lithium	6-1				100		%
Magnesium	24-2	2.43	1.98	2.49	2.30	12.09	ppb
Manganese	55-2	0.07	0.12	0.06	0.08	41.02	ppb
Molybdenum	94-1	0.01	0.00	0.01	0.01	158.32	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	25.95	ppb
Molybdenum	96-1	0.00	0.01	0.00	0.00	108.31	ppb
Molybdenum	97-1	0.01	0.01	0.01	0.01	27.66	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	135.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	0.04	0.14	0.07	78.61	ppb
Phosphorus	31-2	-32.62	-22.10	-33.70	-29.47		ppb
Potassium	39-2	8.96	7.83	10.53	9.11	14.92	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	82-1	-0.08	-0.26	-0.28	-0.21		ppb
Selenium	77-2	-0.29	-0.29	-0.29	-0.29		ppb
Selenium	78-2	-0.25	0.76	-0.25	0.09	657.17	ppb
Silicon	28-1	-0.85	-0.98	-1.00	-0.94		ppb
Silver	107-1	0.00	0.00	0.00	0.00	51.89	ppb
Silver	109-1	0.00	0.00	0.00	0.00	26.91	ppb
Sodium	23-2	11.87	11.76	12.58	12.07	3.70	ppb
Strontium	86-1	0.01	0.01	0.00	0.01	72.90	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	31.53	ppb
Sulfur	34-1	-137.19	-285.59	-205.49	-209.42		ppb
Terbium	159-1				97		%
Terbium	159-2				99		%
Thallium	203-1	0.01	0.01	0.01	0.01	33.95	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	9.21	ppb
Tin	118-1	-0.03	-0.03	-0.03	-0.03		ppb
Titanium	47-1	-0.02	-0.01	0.00	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number :

LB134353

Operator :

Jaswal

Lab Sample ID :

PBW

Instrumnet Name :

P8

Client Sample ID :

PBW

Dilution Factor :

1

Date & Time Acquired :

2025-01-20 15:48:25

DataFile Name :

045CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	0.00	0.00	1278.12	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				99		%
Zinc	66-2	-0.01	-0.12	0.06	-0.02		ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	40.56	ppb
Zirconium	91-1	0.00	0.01	0.01	0.01	37.90	ppb

LB Number :	LB134353	Operator :	Jaswal
Lab Sample ID :	LCSW	Instrumnet Name :	P8
Client Sample ID :	LCSW	Dilution Factor :	1
Date & Time Acquired :	2025-01-20 15:51:47	DataFile Name :	046LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38.03	37.59	38.41	38.01	1.08	ppb
Antimony	121-1	3.81	3.85	3.90	3.85	1.21	ppb
Arsenic	75-2	2.02	2.26	2.14	2.14	5.55	ppb
Barium	135-1	19.20	19.77	19.87	19.61	1.84	ppb
Barium	137-1	19.65	19.73	20.02	19.80	0.98	ppb
Beryllium	9-1	1.93	1.90	1.90	1.91	0.78	ppb
Bismuth	209-1				94		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Cadmium	108-1	1.94	2.28	2.26	2.16	8.73	ppb
Cadmium	106-1	1.31	0.90	1.27	1.16	19.66	ppb
Cadmium	111-1	1.98	1.96	2.03	1.99	1.73	ppb
Calcium	43-1	950.01	971.36	994.36	971.91	2.28	ppb
Calcium	44-1	966.01	973.11	989.71	976.28	1.25	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.81	3.96	3.82	3.86	2.19	ppb
Cobalt	59-2	2.02	2.02	2.07	2.04	1.58	ppb
Copper	63-2	4.55	4.37	4.42	4.45	2.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				94		%
Indium	115-1				95		%
Indium	115-2				95		%
Iron	54-2	423.35	417.19	408.76	416.43	1.76	ppb
Iron	56-2	417.42	406.17	407.41	410.33	1.50	ppb
Iron	57-2	407.21	411.43	414.57	411.07	0.90	ppb
Krypton	83-1						cps
Lead	206-1	1.90	1.93	1.94	1.93	1.10	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : LCSW Instrumnet Name : P8
Client Sample ID : LCSW Dilution Factor : 1
Date & Time Acquired : 2025-01-20 15:51:47 DataFile Name : 046LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1.95	1.90	1.94	1.93	1.42	ppb
Lead	208-1	1.92	1.92	1.95	1.93	0.68	ppb
Lithium	6-1				99		%
Magnesium	24-2	1058.43	1042.30	1025.13	1041.95	1.60	ppb
Manganese	55-2	2.23	2.12	2.19	2.18	2.53	ppb
Molybdenum	94-1	11.39	11.24	11.47	11.36	1.03	ppb
Molybdenum	95-1	9.37	9.45	9.68	9.50	1.71	ppb
Molybdenum	96-1	9.57	9.45	9.71	9.58	1.36	ppb
Molybdenum	97-1	9.38	9.54	9.57	9.50	1.08	ppb
Molybdenum	98-1	9.35	9.34	9.56	9.42	1.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.07	1.97	1.93	1.99	3.73	ppb
Phosphorus	31-2	42.31	24.87	6.51	24.56	72.90	ppb
Potassium	39-2	987.48	946.30	957.26	963.68	2.21	ppb
Rhodium	103-1				95		%
Rhodium	103-2				95		%
Scandium	45-1				96		%
Scandium	45-2				95		%
Selenium	82-1	9.93	10.10	10.11	10.05	0.99	ppb
Selenium	77-2	9.73	9.73	13.42	10.96	19.41	ppb
Selenium	78-2	8.53	9.32	12.54	10.13	21.02	ppb
Silicon	28-1	6.83	7.07	7.25	7.05	3.01	ppb
Silver	107-1	1.96	2.01	2.01	1.99	1.36	ppb
Silver	109-1	1.95	2.02	2.02	1.99	1.98	ppb
Sodium	23-2	1024.19	1016.63	992.27	1011.03	1.65	ppb
Strontium	86-1	1.86	1.81	1.87	1.85	1.76	ppb
Strontium	88-1	1.80	1.83	1.87	1.84	1.99	ppb
Sulfur	34-1	-170.74	-156.20	-71.51	-132.82		ppb
Terbium	159-1				95		%
Terbium	159-2				97		%
Thallium	203-1	1.82	1.85	1.86	1.84	1.08	ppb
Thallium	205-1	1.85	1.81	1.83	1.83	0.97	ppb
Tin	118-1	9.79	9.92	9.99	9.90	1.02	ppb
Titanium	47-1	11.05	11.32	11.44	11.27	1.78	ppb
Uranium	238-1	1.82	1.80	1.82	1.81	0.77	ppb

LB Number :

LB134353

Operator :

Jaswal

Lab Sample ID :

LCSW

Instrumnet Name :

P8

Client Sample ID :

LCSW

Dilution Factor :

1

Date & Time Acquired :

2025-01-20 15:51:47

DataFile Name :

046LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	9.97	9.80	9.82	9.86	0.96	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				96		%
Yttrium	89-2				95		%
Zinc	66-2	11.13	9.96	10.24	10.44	5.84	ppb
Zirconium	90-1	1.88	1.88	1.94	1.90	1.61	ppb
Zirconium	91-1	1.85	1.88	1.94	1.89	2.28	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : PBS Instrumnet Name : P8
Client Sample ID : PBS Dilution Factor : 1
Date & Time Acquired : 2025-01-20 15:55:09 DataFile Name : 047CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.29	0.30	0.37	0.32	13.23	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	18.77	ppb
Arsenic	75-2	0.00	0.00	0.01	0.00	3555.93	ppb
Barium	135-1	0.00	0.00	0.01	0.00	304.45	ppb
Barium	137-1	0.01	0.01	0.01	0.01	18.13	ppb
Beryllium	9-1	0.01	0.00	0.00	0.01	79.41	ppb
Bismuth	209-1				93		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Cadmium	108-1	0.03	0.00	-0.04	0.00		ppb
Cadmium	106-1	-1.29	-1.70	-0.99	-1.33		ppb
Cadmium	111-1	-0.03	-0.03	-0.02	-0.03		ppb
Calcium	43-1	-0.44	-1.70	-0.31	-0.82		ppb
Calcium	44-1	-1.66	-2.64	-2.59	-2.30		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.06	0.01	0.04	0.03	74.56	ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	4.69	ppb
Copper	63-2	-0.06	-0.05	-0.05	-0.05		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				94		%
Indium	115-1				96		%
Indium	115-2				94		%
Iron	54-2	-3.90	-2.41	-3.51	-3.28		ppb
Iron	56-2	-7.21	-7.09	-7.38	-7.23		ppb
Iron	57-2	-3.91	-4.16	-4.31	-4.12		ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.04	0.03	0.04	20.15	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : PBS Instrumnet Name : P8
Client Sample ID : PBS Dilution Factor : 1
Date & Time Acquired : 2025-01-20 15:55:09 DataFile Name : 047CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.03	0.04	0.02	0.03	21.07	ppb
Lead	208-1	0.03	0.03	0.03	0.03	13.78	ppb
Lithium	6-1				99		%
Magnesium	24-2	2.36	2.64	2.34	2.44	6.99	ppb
Manganese	55-2	0.11	0.07	0.09	0.09	23.51	ppb
Molybdenum	94-1	0.01	-0.01	0.00	0.00	233.34	ppb
Molybdenum	95-1	0.01	0.01	0.00	0.00	132.95	ppb
Molybdenum	96-1	0.01	0.00	0.01	0.01	28.16	ppb
Molybdenum	97-1	0.01	0.00	0.01	0.01	119.34	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.05	0.07	0.02	0.05	48.02	ppb
Phosphorus	31-2	-35.46	-26.17	-27.12	-29.58		ppb
Potassium	39-2	8.58	5.15	6.84	6.86	25.05	ppb
Rhodium	103-1				95		%
Rhodium	103-2				94		%
Scandium	45-1				94		%
Scandium	45-2				94		%
Selenium	82-1	-0.38	0.06	0.04	-0.09		ppb
Selenium	77-2	-0.29	-0.29	-0.29	-0.29		ppb
Selenium	78-2	-0.50	0.86	-0.24	0.04	1879.11	ppb
Silicon	28-1	-0.52	-0.76	-0.65	-0.64		ppb
Silver	107-1	0.01	0.01	0.01	0.01	26.51	ppb
Silver	109-1	0.01	0.01	0.01	0.01	19.90	ppb
Sodium	23-2	9.37	9.84	10.36	9.86	4.99	ppb
Strontium	86-1	0.00	0.00	0.00	0.00		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	46.53	ppb
Sulfur	34-1	-156.84	-326.92	-258.38	-247.38		ppb
Terbium	159-1				94		%
Terbium	159-2				94		%
Thallium	203-1	0.01	0.01	0.01	0.01	28.99	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	15.11	ppb
Tin	118-1	-0.03	0.01	-0.02	-0.01		ppb
Titanium	47-1	0.00	-0.02	-0.02	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

3

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : LCSS Instrumnet Name : P8
Client Sample ID : LCSS Dilution Factor : 1
Date & Time Acquired : 2025-01-20 15:58:31 DataFile Name : 048LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	41.01	41.12	38.45	40.19	3.75	ppb
Antimony	121-1	3.95	3.91	3.89	3.92	0.69	ppb
Arsenic	75-2	2.46	2.25	2.16	2.29	6.57	ppb
Barium	135-1	19.74	19.79	19.71	19.74	0.20	ppb
Barium	137-1	20.16	19.89	20.05	20.03	0.70	ppb
Beryllium	9-1	1.97	1.97	1.94	1.96	1.06	ppb
Bismuth	209-1				93		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Cadmium	108-1	2.20	2.00	2.03	2.08	5.24	ppb
Cadmium	106-1	1.44	0.47	1.02	0.98	49.57	ppb
Cadmium	111-1	2.08	1.93	2.05	2.02	4.10	ppb
Calcium	43-1	1012.88	1005.68	1014.98	1011.18	0.48	ppb
Calcium	44-1	1001.32	978.35	989.81	989.83	1.16	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.85	3.67	3.61	3.71	3.37	ppb
Cobalt	59-2	2.03	2.08	2.03	2.05	1.54	ppb
Copper	63-2	4.46	4.57	4.45	4.49	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				92		%
Holmium	165-2				95		%
Indium	115-1				94		%
Indium	115-2				96		%
Iron	54-2	423.70	424.54	427.77	425.33	0.51	ppb
Iron	56-2	415.44	413.81	413.00	414.08	0.30	ppb
Iron	57-2	425.03	407.75	416.03	416.27	2.08	ppb
Krypton	83-1						cps
Lead	206-1	1.95	1.97	1.96	1.96	0.40	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : LCSS Instrumnet Name : P8
Client Sample ID : LCSS Dilution Factor : 1
Date & Time Acquired : 2025-01-20 15:58:31 DataFile Name : 048LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1.97	1.94	1.98	1.96	1.14	ppb
Lead	208-1	1.97	1.95	1.96	1.96	0.34	ppb
Lithium	6-1				98		%
Magnesium	24-2	1056.56	1060.61	1051.87	1056.35	0.41	ppb
Manganese	55-2	2.04	2.22	2.12	2.13	4.09	ppb
Molybdenum	94-1	11.64	11.33	11.48	11.49	1.36	ppb
Molybdenum	95-1	9.72	9.57	9.77	9.69	1.07	ppb
Molybdenum	96-1	9.91	9.65	9.85	9.80	1.39	ppb
Molybdenum	97-1	9.78	9.41	9.72	9.64	2.05	ppb
Molybdenum	98-1	9.65	9.63	9.56	9.61	0.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.90	2.23	2.22	2.12	9.01	ppb
Phosphorus	31-2	29.99	12.15	28.42	23.52	41.98	ppb
Potassium	39-2	985.18	1007.54	975.46	989.39	1.66	ppb
Rhodium	103-1				94		%
Rhodium	103-2				95		%
Scandium	45-1				95		%
Scandium	45-2				95		%
Selenium	82-1	9.89	9.42	10.33	9.88	4.59	ppb
Selenium	77-2	9.61	9.52	6.94	8.69	17.46	ppb
Selenium	78-2	8.41	13.27	11.34	11.01	22.19	ppb
Silicon	28-1	7.28	6.85	7.07	7.07	3.01	ppb
Silver	107-1	1.98	2.00	2.00	1.99	0.67	ppb
Silver	109-1	2.05	2.09	2.01	2.05	1.89	ppb
Sodium	23-2	1024.60	1026.72	1019.37	1023.56	0.37	ppb
Strontium	86-1	1.86	1.91	1.83	1.87	2.06	ppb
Strontium	88-1	1.86	1.89	1.86	1.87	0.81	ppb
Sulfur	34-1	-77.29	-256.72	-143.35	-159.12		ppb
Terbium	159-1				94		%
Terbium	159-2				96		%
Thallium	203-1	1.89	1.89	1.89	1.89	0.15	ppb
Thallium	205-1	1.85	1.86	1.89	1.87	1.15	ppb
Tin	118-1	9.97	9.93	9.87	9.93	0.53	ppb
Titanium	47-1	9.94	9.77	9.96	9.89	1.08	ppb
Uranium	238-1	1.80	1.85	1.83	1.83	1.27	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : LCSS Instrumnet Name : P8
Client Sample ID : LCSS Dilution Factor : 1
Date & Time Acquired : 2025-01-20 15:58:31 DataFile Name : 048LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	9.94	10.02	9.86	9.94	0.81	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				94		%
Yttrium	89-2				96		%
Zinc	66-2	10.63	10.62	10.47	10.57	0.86	ppb
Zirconium	90-1	1.98	1.95	1.93	1.95	1.48	ppb
Zirconium	91-1	1.95	1.96	1.89	1.93	1.81	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : PBS 6020 Instrumnet Name : P8
Client Sample ID : PBS 6020 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 16:06:24 DataFile Name : 049CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.23	0.11	0.34	0.23	51.85	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	68.15	ppb
Arsenic	75-2	0.01	0.00	0.00	0.00	8470.70	ppb
Barium	135-1	0.01	0.01	-0.01	0.00	314.26	ppb
Barium	137-1	0.02	0.01	0.00	0.01	176.00	ppb
Beryllium	9-1	0.01	0.00	0.00	0.00	83.65	ppb
Bismuth	209-1				88		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Cadmium	108-1	0.00	0.07	0.00	0.02	195.25	ppb
Cadmium	106-1	-1.56	-1.92	-1.62	-1.70		ppb
Cadmium	111-1	-0.03	-0.05	-0.04	-0.04		ppb
Calcium	43-1	1.73	-1.44	-1.22	-0.31		ppb
Calcium	44-1	-0.29	-1.73	-2.33	-1.45		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	0.01	0.02	0.02	29.09	ppb
Cobalt	59-2	0.00	0.01	0.01	0.00	42.67	ppb
Copper	63-2	-0.02	-0.03	-0.02	-0.03		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				89		%
Holmium	165-2				95		%
Indium	115-1				90		%
Indium	115-2				96		%
Iron	54-2	-2.83	-3.24	-3.18	-3.09		ppb
Iron	56-2	-6.65	-6.68	-6.54	-6.62		ppb
Iron	57-2	-3.20	-3.48	-3.17	-3.28		ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.01	0.03	0.03	54.49	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : PBS 6020 Instrumnet Name : P8
Client Sample ID : PBS 6020 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 16:06:24 DataFile Name : 049CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.03	0.02	0.03	0.03	26.43	ppb
Lead	208-1	0.04	0.02	0.02	0.03	36.61	ppb
Lithium	6-1				93		%
Magnesium	24-2	2.84	2.48	2.19	2.50	12.88	ppb
Manganese	55-2	0.06	0.07	0.05	0.06	17.72	ppb
Molybdenum	94-1	0.00	-0.01	-0.01	-0.01		ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	334.08	ppb
Molybdenum	96-1	0.01	0.01	0.00	0.00	65.97	ppb
Molybdenum	97-1	0.00	0.00	0.01	0.00	206.04	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	913.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.05	0.03	-0.04	0.01	340.76	ppb
Phosphorus	31-2	-39.72	-29.65	-31.15	-33.51		ppb
Potassium	39-2	5.25	5.68	7.94	6.29	22.98	ppb
Rhodium	103-1				91		%
Rhodium	103-2				96		%
Scandium	45-1				90		%
Scandium	45-2				96		%
Selenium	82-1	0.02	-0.12	-0.32	-0.14		ppb
Selenium	77-2	-0.29	-0.29	0.62	0.02	3210.02	ppb
Selenium	78-2	-0.25	0.30	0.30	0.12	269.60	ppb
Silicon	28-1	1.11	-0.50	-0.51	0.03	3124.95	ppb
Silver	107-1	0.00	0.00	0.00	0.00	81.59	ppb
Silver	109-1	0.00	0.00	0.00	0.00	22.75	ppb
Sodium	23-2	7.93	8.98	8.49	8.47	6.23	ppb
Strontium	86-1	0.01	0.01	0.01	0.01	42.55	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	16.61	ppb
Sulfur	34-1	980.63	28.80	-43.84	321.86	177.61	ppb
Terbium	159-1				89		%
Terbium	159-2				96		%
Thallium	203-1	0.00	0.01	0.01	0.01	29.39	ppb
Thallium	205-1	0.01	0.00	0.00	0.01	35.46	ppb
Tin	118-1	0.00	-0.01	-0.03	-0.01		ppb
Titanium	47-1	0.00	0.01	-0.02	0.00		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number :

LB134353

Operator :

Jaswal

Lab Sample ID :

PBS 6020

Instrumnet Name :

P8

Client Sample ID :

PBS 6020

Dilution Factor :

1

Date & Time Acquired :

2025-01-20 16:06:24

DataFile Name :

049CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				90		%
Yttrium	89-2				95		%
Zinc	66-2	0.02	-0.01	-0.05	-0.02		ppb
Zirconium	90-1	0.01	0.00	0.00	0.00	246.28	ppb
Zirconium	91-1	0.01	0.00	0.01	0.00	169.78	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : LCSS 6020 Instrumnet Name : P8
Client Sample ID : LCSS 6020 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 16:09:47 DataFile Name : 050LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8329.58	9183.63	9520.02	9011.08	6.81	ppb
Antimony	121-1	511.15	514.87	515.60	513.88	0.46	ppb
Arsenic	75-2	453.47	497.09	507.62	486.06	5.91	ppb
Barium	135-1	2555.55	2572.63	2551.25	2559.81	0.44	ppb
Barium	137-1	2558.00	2563.13	2536.34	2552.49	0.56	ppb
Beryllium	9-1	510.26	503.99	499.37	504.54	1.08	ppb
Bismuth	209-1				89		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Cadmium	108-1	518.40	520.44	522.16	520.34	0.36	ppb
Cadmium	106-1	511.93	526.54	510.69	516.39	1.71	ppb
Cadmium	111-1	517.45	523.59	524.04	521.69	0.71	ppb
Calcium	43-1	50512.60	51912.45	51224.23	51216.43	1.37	ppb
Calcium	44-1	50171.85	51271.62	50373.04	50605.50	1.16	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	460.11	497.54	509.60	489.09	5.28	ppb
Cobalt	59-2	465.94	508.60	511.41	495.32	5.14	ppb
Copper	63-2	4591.18	5003.78	5124.78	4906.58	5.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				100		%
Indium	115-1				93		%
Indium	115-2				97		%
Iron	54-2	24085.28	25994.41	26901.75	25660.48	5.60	ppb
Iron	56-2	23365.86	25425.47	25867.86	24886.40	5.37	ppb
Iron	57-2	23833.55	25591.96	26166.40	25197.30	4.82	ppb
Krypton	83-1						cps
Lead	206-1	2485.40	2510.30	2538.11	2511.27	1.05	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : LCSS 6020 Instrumnet Name : P8
Client Sample ID : LCSS 6020 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 16:09:47 DataFile Name : 050LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2485.13	2511.86	2494.01	2497.00	0.55	ppb
Lead	208-1	2482.00	2514.59	2501.52	2499.37	0.66	ppb
Lithium	6-1				92		%
Magnesium	24-2	49036.42	53458.27	54631.27	52375.32	5.63	ppb
Manganese	55-2	4637.94	5070.42	5120.55	4942.97	5.37	ppb
Molybdenum	94-1	5120.96	4995.47	5100.07	5072.17	1.33	ppb
Molybdenum	95-1	5116.27	5018.77	5174.31	5103.12	1.54	ppb
Molybdenum	96-1	5028.82	5010.08	5061.05	5033.32	0.51	ppb
Molybdenum	97-1	4963.35	4987.63	5058.24	5003.07	0.99	ppb
Molybdenum	98-1	5036.77	4979.21	5090.07	5035.35	1.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	430.00	469.74	481.58	460.44	5.87	ppb
Phosphorus	31-2	8959.72	9895.69	10335.22	9730.21	7.22	ppb
Potassium	39-2	22266.55	24050.38	24794.64	23703.85	5.48	ppb
Rhodium	103-1				90		%
Rhodium	103-2				95		%
Scandium	45-1				95		%
Scandium	45-2				101		%
Selenium	82-1	512.39	496.20	506.69	505.09	1.63	ppb
Selenium	77-2	451.83	520.36	517.53	496.57	7.81	ppb
Selenium	78-2	467.09	494.01	510.92	490.68	4.50	ppb
Silicon	28-1	521.50	523.92	505.70	517.04	1.91	ppb
Silver	107-1	519.00	524.68	518.56	520.75	0.65	ppb
Silver	109-1	517.35	530.50	529.61	525.82	1.40	ppb
Sodium	23-2	45386.46	49846.67	51092.24	48775.12	6.15	ppb
Strontium	86-1	505.15	503.33	517.25	508.58	1.49	ppb
Strontium	88-1	498.31	506.31	504.72	503.11	0.84	ppb
Sulfur	34-1	10326.62	10454.00	10146.94	10309.19	1.50	ppb
Terbium	159-1				95		%
Terbium	159-2				101		%
Thallium	203-1	505.17	506.17	505.17	505.50	0.11	ppb
Thallium	205-1	507.02	501.95	499.35	502.77	0.78	ppb
Tin	118-1	507.31	519.58	515.86	514.25	1.22	ppb
Titanium	47-1	4986.65	5187.94	5059.81	5078.13	2.01	ppb
Uranium	238-1	494.73	501.21	495.29	497.08	0.72	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : LCSS 6020 Instrumnet Name : P8
Client Sample ID : LCSS 6020 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 16:09:47 DataFile Name : 050LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	432.41	475.17	489.53	465.70	6.38	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				95		%
Yttrium	89-2				102		%
Zinc	66-2	4652.95	5151.44	5290.56	5031.65	6.66	ppb
Zirconium	90-1	505.23	498.55	502.57	502.12	0.67	ppb
Zirconium	91-1	516.71	504.57	512.54	511.27	1.21	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : PBW 6020 Instrumnet Name : P8
Client Sample ID : PBW 6020 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 16:14:05 DataFile Name : 051CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.14	0.20	0.55	0.30	73.44	ppb
Antimony	121-1	0.04	0.05	0.03	0.04	19.75	ppb
Arsenic	75-2	0.03	0.01	0.01	0.02	84.56	ppb
Barium	135-1	0.07	0.07	0.07	0.07	0.99	ppb
Barium	137-1	0.12	0.07	0.08	0.09	24.14	ppb
Beryllium	9-1	0.04	0.04	0.04	0.04	8.43	ppb
Bismuth	209-1				95		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Cadmium	108-1	0.04	0.09	0.04	0.06	44.05	ppb
Cadmium	106-1	-1.39	-1.59	-1.09	-1.36		ppb
Cadmium	111-1	-0.01	-0.02	-0.01	-0.02		ppb
Calcium	43-1	0.03	1.24	-0.07	0.40	181.16	ppb
Calcium	44-1	-0.70	-1.25	-0.93	-0.96		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.04	0.02	0.03	0.03	23.81	ppb
Cobalt	59-2	0.01	0.02	0.02	0.02	15.57	ppb
Copper	63-2	0.05	0.02	0.00	0.03	88.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				96		%
Indium	115-1				97		%
Indium	115-2				96		%
Iron	54-2	-3.54	-3.54	-3.48	-3.52		ppb
Iron	56-2	-7.15	-7.04	-7.07	-7.09		ppb
Iron	57-2	-4.35	-2.72	-3.75	-3.61		ppb
Krypton	83-1						cps
Lead	206-1	0.10	0.10	0.07	0.09	14.27	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : PBW 6020 Instrumnet Name : P8
Client Sample ID : PBW 6020 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 16:14:05 DataFile Name : 051CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.11	0.09	0.08	0.09	13.15	ppb
Lead	208-1	0.10	0.09	0.08	0.09	8.58	ppb
Lithium	6-1				97		%
Magnesium	24-2	2.69	3.10	3.32	3.03	10.56	ppb
Manganese	55-2	0.21	0.28	0.24	0.25	13.20	ppb
Molybdenum	94-1	0.10	0.09	0.08	0.09	10.98	ppb
Molybdenum	95-1	0.10	0.08	0.08	0.09	15.11	ppb
Molybdenum	96-1	0.09	0.06	0.08	0.08	21.21	ppb
Molybdenum	97-1	0.09	0.08	0.06	0.08	19.44	ppb
Molybdenum	98-1	0.09	0.08	0.08	0.08	8.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.07	0.03	-0.02		ppb
Phosphorus	31-2	-37.21	-26.09	-33.54	-32.28		ppb
Potassium	39-2	12.52	9.72	10.17	10.81	13.93	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				97		%
Scandium	45-2				96		%
Selenium	82-1	0.00	-0.06	-0.02	-0.03		ppb
Selenium	77-2	-0.29	0.62	-0.29	0.01	3613.16	ppb
Selenium	78-2	-0.24	0.29	1.08	0.38	176.89	ppb
Silicon	28-1	-0.34	-0.76	-0.69	-0.60		ppb
Silver	107-1	0.03	0.02	0.02	0.02	25.80	ppb
Silver	109-1	0.02	0.02	0.02	0.02	17.37	ppb
Sodium	23-2	13.08	11.74	13.27	12.70	6.56	ppb
Strontium	86-1	0.02	0.00	0.01	0.01	71.41	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	13.51	ppb
Sulfur	34-1	-303.56	-510.38	-447.64	-420.53		ppb
Terbium	159-1				96		%
Terbium	159-2				97		%
Thallium	203-1	0.03	0.02	0.01	0.02	30.49	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	13.11	ppb
Tin	118-1	0.00	-0.01	0.00	0.00		ppb
Titanium	47-1	0.04	0.03	0.03	0.03	28.11	ppb
Uranium	238-1	0.01	0.00	0.00	0.00	24.18	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : PBW 6020 Instrumnet Name : P8
Client Sample ID : PBW 6020 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 16:14:05 DataFile Name : 051CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.01	0.01	0.00	0.01	37.92	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				96		%
Zinc	66-2	0.23	0.09	0.22	0.18	43.12	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	7.06	ppb
Zirconium	91-1	0.02	0.02	0.01	0.02	41.23	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : LCSW 6020 Instrumnet Name : P8
Client Sample ID : LCSW 6020 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 16:18:53 DataFile Name : 052LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9299.44	9302.89	9668.26	9423.53	2.25	ppb
Antimony	121-1	505.47	502.24	499.14	502.29	0.63	ppb
Arsenic	75-2	497.09	504.80	521.31	507.73	2.44	ppb
Barium	135-1	2483.08	2506.34	2484.02	2491.15	0.53	ppb
Barium	137-1	2481.73	2520.72	2489.25	2497.23	0.83	ppb
Beryllium	9-1	495.59	493.93	485.38	491.63	1.11	ppb
Bismuth	209-1				91		%
Bismuth	209-2				90		%
Bromine	81-1						cps
Cadmium	108-1	501.60	502.35	503.50	502.49	0.19	ppb
Cadmium	106-1	499.51	502.15	498.91	500.19	0.35	ppb
Cadmium	111-1	515.26	511.01	503.13	509.80	1.21	ppb
Calcium	43-1	50442.79	50224.36	49365.03	50010.73	1.14	ppb
Calcium	44-1	50216.04	49969.46	49520.58	49902.03	0.71	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	510.84	496.71	530.75	512.77	3.33	ppb
Cobalt	59-2	511.26	501.89	532.13	515.09	3.01	ppb
Copper	63-2	5080.30	5102.76	5269.14	5150.73	2.00	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				96		%
Holmium	165-2				96		%
Indium	115-1				95		%
Indium	115-2				92		%
Iron	54-2	26180.09	25871.45	27769.24	26606.93	3.83	ppb
Iron	56-2	25892.68	25387.81	26740.89	26007.13	2.63	ppb
Iron	57-2	26112.41	25667.52	27654.07	26478.00	3.94	ppb
Krypton	83-1						cps
Lead	206-1	2449.21	2464.11	2513.69	2475.67	1.36	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : LCSW 6020 Instrumnet Name : P8
Client Sample ID : LCSW 6020 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 16:18:53 DataFile Name : 052LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2448.14	2433.76	2495.22	2459.04	1.31	ppb
Lead	208-1	2454.81	2444.64	2496.58	2465.34	1.12	ppb
Lithium	6-1				94		%
Magnesium	24-2	54560.39	54225.14	56318.17	55034.57	2.04	ppb
Manganese	55-2	5022.67	5022.09	5280.18	5108.31	2.91	ppb
Molybdenum	94-1	4927.05	4991.93	4967.39	4962.13	0.66	ppb
Molybdenum	95-1	4947.68	4984.49	4979.45	4970.54	0.40	ppb
Molybdenum	96-1	4971.13	4903.80	4904.66	4926.53	0.78	ppb
Molybdenum	97-1	4956.10	4947.23	4895.10	4932.81	0.67	ppb
Molybdenum	98-1	4984.81	4996.45	4923.36	4968.21	0.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	477.06	472.22	494.93	481.40	2.48	ppb
Phosphorus	31-2	10029.93	10162.55	10175.47	10122.65	0.80	ppb
Potassium	39-2	24603.30	24808.97	25484.24	24965.51	1.85	ppb
Rhodium	103-1				93		%
Rhodium	103-2				91		%
Scandium	45-1				96		%
Scandium	45-2				96		%
Selenium	82-1	493.46	489.36	495.16	492.66	0.61	ppb
Selenium	77-2	512.11	515.99	519.97	516.02	0.76	ppb
Selenium	78-2	484.74	487.13	500.45	490.78	1.72	ppb
Silicon	28-1	513.40	509.62	503.87	508.97	0.94	ppb
Silver	107-1	507.02	515.81	503.62	508.82	1.24	ppb
Silver	109-1	508.01	513.78	508.99	510.26	0.61	ppb
Sodium	23-2	50646.46	50535.40	52549.72	51243.86	2.21	ppb
Strontium	86-1	504.12	500.97	500.95	502.01	0.36	ppb
Strontium	88-1	488.44	493.40	493.97	491.94	0.62	ppb
Sulfur	34-1	9972.73	9832.24	9291.85	9698.94	3.71	ppb
Terbium	159-1				98		%
Terbium	159-2				97		%
Thallium	203-1	493.79	493.47	509.84	499.03	1.88	ppb
Thallium	205-1	490.22	487.90	501.89	493.34	1.52	ppb
Tin	118-1	508.98	506.96	508.87	508.27	0.22	ppb
Titanium	47-1	5027.78	5079.66	4938.56	5015.33	1.42	ppb
Uranium	238-1	486.15	483.26	490.83	486.75	0.79	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : LCSW 6020 Instrumnet Name : P8
Client Sample ID : LCSW 6020 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 16:18:53 DataFile Name : 052LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	482.76	477.61	498.88	486.42	2.28	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				96		%
Zinc	66-2	5206.91	5099.81	5374.98	5227.23	2.65	ppb
Zirconium	90-1	490.91	494.92	493.21	493.01	0.41	ppb
Zirconium	91-1	491.82	498.14	495.99	495.32	0.65	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : PBW 200.8 Instrumnet Name : P8
Client Sample ID : PBW 200.8 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 16:25:02 DataFile Name : 054CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.09	0.19	-0.17	0.04	495.69	ppb
Antimony	121-1	0.02	0.02	0.03	0.02	14.05	ppb
Arsenic	75-2	0.02	0.00	0.02	0.01	114.34	ppb
Barium	135-1	0.05	0.06	0.07	0.06	16.88	ppb
Barium	137-1	0.08	0.07	0.07	0.07	9.17	ppb
Beryllium	9-1	0.04	0.04	0.04	0.04	10.26	ppb
Bismuth	209-1				97		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Cadmium	108-1	0.09	0.05	-0.01	0.04	106.83	ppb
Cadmium	106-1	-0.54	-2.09	-2.07	-1.57		ppb
Cadmium	111-1	0.00	-0.05	-0.04	-0.03		ppb
Calcium	43-1	-0.25	0.06	-0.41	-0.20		ppb
Calcium	44-1	-0.34	-0.94	-0.99	-0.76		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	0.00	0.02	0.01	74.75	ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	32.79	ppb
Copper	63-2	-0.10	-0.08	-0.08	-0.09		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				96		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	54-2	-4.19	-4.68	-4.45	-4.44		ppb
Iron	56-2	-7.95	-7.97	-7.93	-7.95		ppb
Iron	57-2	-4.76	-4.71	-4.90	-4.79		ppb
Krypton	83-1						cps
Lead	206-1	0.08	0.07	0.07	0.07	6.93	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : PBW 200.8 Instrumnet Name : P8
Client Sample ID : PBW 200.8 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 16:25:02 DataFile Name : 054CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.08	0.06	0.07	0.07	16.50	ppb
Lead	208-1	0.07	0.07	0.07	0.07	8.07	ppb
Lithium	6-1				98		%
Magnesium	24-2	-0.16	-0.31	-0.04	-0.17		ppb
Manganese	55-2	0.18	0.16	0.18	0.17	7.26	ppb
Molybdenum	94-1	0.06	0.05	0.04	0.05	18.17	ppb
Molybdenum	95-1	0.07	0.04	0.04	0.05	31.11	ppb
Molybdenum	96-1	0.07	0.05	0.05	0.05	24.89	ppb
Molybdenum	97-1	0.06	0.04	0.06	0.06	20.12	ppb
Molybdenum	98-1	0.05	0.05	0.04	0.05	13.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.00	0.08	0.02	224.04	ppb
Phosphorus	31-2	-37.17	-31.27	-29.00	-32.48		ppb
Potassium	39-2	8.47	8.92	9.58	8.99	6.23	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				99		%
Scandium	45-2				96		%
Selenium	82-1	-0.01	-0.29	0.09	-0.07		ppb
Selenium	77-2	-0.29	-0.29	-0.29	-0.29		ppb
Selenium	78-2	-0.24	-0.24	-0.25	-0.24		ppb
Silicon	28-1	-0.43	-0.31	-0.36	-0.36		ppb
Silver	107-1	0.01	0.01	0.01	0.01	22.04	ppb
Silver	109-1	0.02	0.01	0.01	0.01	16.20	ppb
Sodium	23-2	12.47	11.01	10.56	11.35	8.80	ppb
Strontium	86-1	0.01	0.00	0.00	0.00	57.75	ppb
Strontium	88-1	0.01	0.00	0.00	0.01	33.72	ppb
Sulfur	34-1	-686.40	-594.80	-685.59	-655.60		ppb
Terbium	159-1				98		%
Terbium	159-2				98		%
Thallium	203-1	0.01	0.02	0.02	0.02	8.89	ppb
Thallium	205-1	0.02	0.02	0.01	0.02	15.90	ppb
Tin	118-1	-0.01	0.00	-0.01	-0.01		ppb
Titanium	47-1	0.03	0.02	0.00	0.02	85.83	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	47.04	ppb

LB Number :

LB134353

Operator :

Jaswal

Lab Sample ID :

PBW 200.8

Instrumnet Name :

P8

Client Sample ID :

PBW 200.8

Dilution Factor :

1

Date & Time Acquired :

2025-01-20 16:25:02

DataFile Name :

054CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	0.00	0.00	120.49	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				97		%
Zinc	66-2	0.11	0.13	0.10	0.11	15.62	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	67.61	ppb
Zirconium	91-1	0.01	0.01	0.01	0.01	32.31	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : CCV008 Instrumnet Name : P8
Client Sample ID : CCV008 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 16:28:23 DataFile Name : 055CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48744.26	49449.09	48640.47	48944.61	0.90	ppb
Antimony	121-1	487.98	496.35	497.61	493.98	1.06	ppb
Arsenic	75-2	479.04	489.90	485.71	484.88	1.13	ppb
Barium	135-1	2476.80	2490.58	2519.30	2495.56	0.87	ppb
Barium	137-1	2490.05	2515.09	2520.52	2508.55	0.65	ppb
Beryllium	9-1	497.70	512.21	497.39	502.43	1.69	ppb
Bismuth	209-1				81		%
Bismuth	209-2				81		%
Bromine	81-1						cps
Cadmium	108-1	483.12	485.82	488.10	485.68	0.51	ppb
Cadmium	106-1	474.36	478.29	483.92	478.85	1.00	ppb
Cadmium	111-1	468.56	483.92	485.61	479.36	1.96	ppb
Calcium	43-1	245168.39	252522.00	253519.01	250403.13	1.82	ppb
Calcium	44-1	244910.44	252016.34	256234.24	251053.67	2.28	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	486.27	499.57	499.77	495.21	1.56	ppb
Cobalt	59-2	477.91	499.67	490.85	489.48	2.24	ppb
Copper	63-2	4593.09	4723.36	4682.68	4666.38	1.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				91		%
Holmium	165-2				92		%
Indium	115-1				85		%
Indium	115-2				87		%
Iron	54-2	124781.41	127235.20	127843.95	126620.19	1.28	ppb
Iron	56-2	125098.92	127700.98	126092.97	126297.63	1.04	ppb
Iron	57-2	124618.58	128998.34	124948.03	126188.32	1.93	ppb
Krypton	83-1						cps
Lead	206-1	2456.80	2533.60	2607.65	2532.68	2.98	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : CCV008 Instrumnet Name : P8
Client Sample ID : CCV008 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 16:28:23 DataFile Name : 055CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2451.97	2540.22	2593.03	2528.41	2.82	ppb
Lead	208-1	2444.81	2543.39	2592.61	2526.94	2.98	ppb
Lithium	6-1				85		%
Magnesium	24-2	265179.13	274063.61	266011.49	268418.07	1.83	ppb
Manganese	55-2	4933.42	5055.12	5016.24	5001.59	1.24	ppb
Molybdenum	94-1	5011.84	5097.84	5049.98	5053.22	0.85	ppb
Molybdenum	95-1	4980.90	5104.18	5060.19	5048.42	1.24	ppb
Molybdenum	96-1	4949.76	5082.55	5002.66	5011.66	1.33	ppb
Molybdenum	97-1	4977.01	5040.66	5017.74	5011.80	0.64	ppb
Molybdenum	98-1	4960.69	5006.13	5006.37	4991.06	0.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	475.89	495.73	488.14	486.59	2.06	ppb
Phosphorus	31-2	9713.59	10219.27	10103.05	10011.97	2.65	ppb
Potassium	39-2	121261.89	122969.48	122623.46	122284.94	0.74	ppb
Rhodium	103-1				81		%
Rhodium	103-2				82		%
Scandium	45-1				89		%
Scandium	45-2				91		%
Selenium	82-1	467.99	479.00	472.98	473.32	1.17	ppb
Selenium	77-2	491.56	497.81	481.53	490.30	1.67	ppb
Selenium	78-2	478.31	483.49	452.99	471.59	3.46	ppb
Silicon	28-1	527.69	534.85	534.65	532.40	0.77	ppb
Silver	107-1	468.75	477.36	476.90	474.34	1.02	ppb
Silver	109-1	480.70	485.84	485.84	484.12	0.61	ppb
Sodium	23-2	244735.70	252562.82	247540.76	248279.76	1.60	ppb
Strontium	86-1	499.83	506.80	509.46	505.36	0.98	ppb
Strontium	88-1	490.51	504.88	496.02	497.14	1.46	ppb
Sulfur	34-1	9975.23	9914.68	10010.25	9966.72	0.49	ppb
Terbium	159-1				91		%
Terbium	159-2				92		%
Thallium	203-1	501.45	516.62	518.95	512.34	1.85	ppb
Thallium	205-1	501.08	512.14	520.02	511.08	1.86	ppb
Tin	118-1	498.85	504.04	501.28	501.39	0.52	ppb
Titanium	47-1	5006.66	5076.18	5160.33	5081.06	1.51	ppb
Uranium	238-1	511.31	524.13	532.93	522.79	2.08	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : CCV008 Instrumnet Name : P8
Client Sample ID : CCV008 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 16:28:23 DataFile Name : 055CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	473.76	485.53	476.62	478.64	1.28	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				91		%
Yttrium	89-2				92		%
Zinc	66-2	4672.32	4855.35	4774.35	4767.34	1.92	ppb
Zirconium	90-1	500.13	508.46	511.96	506.85	1.20	ppb
Zirconium	91-1	504.41	507.96	512.64	508.34	0.81	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : CCB008 Instrumnet Name : P8
Client Sample ID : CCB008 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 16:31:10 DataFile Name : 056CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.09	1.82	1.36	1.42	25.79	ppb
Antimony	121-1	0.11	0.10	0.10	0.10	7.44	ppb
Arsenic	75-2	0.01	0.03	0.07	0.04	82.15	ppb
Barium	135-1	0.22	0.18	0.16	0.18	16.23	ppb
Barium	137-1	0.22	0.15	0.19	0.19	18.81	ppb
Beryllium	9-1	0.09	0.09	0.09	0.09	5.51	ppb
Bismuth	209-1				94		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Cadmium	108-1	0.12	0.04	0.09	0.08	49.99	ppb
Cadmium	106-1	-1.40	-0.86	-0.26	-0.84		ppb
Cadmium	111-1	0.01	0.01	0.02	0.01	53.68	ppb
Calcium	43-1	6.70	5.39	3.82	5.31	27.21	ppb
Calcium	44-1	5.02	3.39	3.02	3.81	27.94	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	40.19	ppb
Cobalt	59-2	0.02	0.02	0.02	0.02	19.43	ppb
Copper	63-2	0.10	0.09	0.04	0.07	45.31	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				98		%
Indium	115-1				97		%
Indium	115-2				99		%
Iron	54-2	-1.66	-1.09	-1.41	-1.39		ppb
Iron	56-2	-5.16	-5.00	-5.34	-5.17		ppb
Iron	57-2	-1.47	-1.61	-1.30	-1.46		ppb
Krypton	83-1						cps
Lead	206-1	0.22	0.18	0.17	0.19	13.77	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : CCB008 Instrumnet Name : P8
Client Sample ID : CCB008 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 16:31:10 DataFile Name : 056CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.21	0.18	0.16	0.18	13.28	ppb
Lead	208-1	0.20	0.18	0.16	0.18	11.41	ppb
Lithium	6-1				98		%
Magnesium	24-2	6.44	6.51	5.74	6.23	6.84	ppb
Manganese	55-2	0.21	0.20	0.23	0.21	9.52	ppb
Molybdenum	94-1	0.26	0.20	0.19	0.22	18.37	ppb
Molybdenum	95-1	0.25	0.18	0.19	0.21	16.88	ppb
Molybdenum	96-1	0.25	0.22	0.18	0.22	16.92	ppb
Molybdenum	97-1	0.24	0.19	0.20	0.21	13.68	ppb
Molybdenum	98-1	0.25	0.19	0.17	0.20	19.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.08	0.05	0.05	74.92	ppb
Phosphorus	31-2	-37.23	-32.26	-27.23	-32.24		ppb
Potassium	39-2	17.90	20.18	13.14	17.07	21.04	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	82-1	-0.10	-0.14	0.19	-0.02		ppb
Selenium	77-2	-0.29	0.59	-0.29	0.01	9056.65	ppb
Selenium	78-2	0.02	-0.50	0.00	-0.16		ppb
Silicon	28-1	-0.63	-0.93	-0.23	-0.59		ppb
Silver	107-1	0.05	0.05	0.04	0.05	9.13	ppb
Silver	109-1	0.06	0.05	0.04	0.05	18.32	ppb
Sodium	23-2	30.80	29.20	25.93	28.64	8.68	ppb
Strontium	86-1	0.02	0.01	0.02	0.02	42.30	ppb
Strontium	88-1	0.02	0.01	0.01	0.01	19.35	ppb
Sulfur	34-1	-604.30	-741.92	-286.61	-544.28		ppb
Terbium	159-1				96		%
Terbium	159-2				100		%
Thallium	203-1	0.05	0.04	0.03	0.04	23.85	ppb
Thallium	205-1	0.05	0.04	0.04	0.04	12.07	ppb
Tin	118-1	0.01	0.00	0.01	0.01	97.33	ppb
Titanium	47-1	0.18	0.11	0.11	0.13	31.66	ppb
Uranium	238-1	0.02	0.01	0.01	0.01	22.23	ppb

LB Number :

LB134353

Operator :

Jaswal

Lab Sample ID :

CCB008

Instrumnet Name :

P8

Client Sample ID :

CCB008

Dilution Factor :

1

Date & Time Acquired :

2025-01-20 16:31:10

DataFile Name :

056CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.01	0.01	0.01	0.01	17.84	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				99		%
Zinc	66-2	0.13	0.20	0.10	0.14	37.11	ppb
Zirconium	90-1	0.03	0.03	0.02	0.03	17.80	ppb
Zirconium	91-1	0.03	0.02	0.03	0.03	21.52	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : LCSW 200.8 Instrumnet Name : P8
Client Sample ID : LCSW 200.8 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 16:34:31 DataFile Name : 057LCSW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9300.25	9296.53	9194.45	9263.74	0.65	ppb
Antimony	121-1	503.89	515.13	513.54	510.85	1.19	ppb
Arsenic	75-2	501.80	499.66	497.36	499.60	0.44	ppb
Barium	135-1	2527.22	2535.14	2527.94	2530.10	0.17	ppb
Barium	137-1	2495.61	2508.61	2524.90	2509.71	0.58	ppb
Beryllium	9-1	489.06	490.96	510.69	496.90	2.41	ppb
Bismuth	209-1				90		%
Bismuth	209-2				91		%
Bromine	81-1						cps
Cadmium	108-1	497.85	513.59	511.67	507.70	1.69	ppb
Cadmium	106-1	505.62	513.13	509.21	509.32	0.74	ppb
Cadmium	111-1	512.65	517.53	527.85	519.34	1.49	ppb
Calcium	43-1	50209.08	51516.31	49986.13	50570.50	1.63	ppb
Calcium	44-1	49898.37	50662.49	49270.32	49943.73	1.40	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	526.42	508.65	509.64	514.91	1.94	ppb
Cobalt	59-2	521.43	517.25	508.35	515.68	1.29	ppb
Copper	63-2	5143.67	5071.34	5115.12	5110.04	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				96		%
Holmium	165-2				96		%
Indium	115-1				94		%
Indium	115-2				94		%
Iron	54-2	26887.09	26728.68	26345.92	26653.90	1.04	ppb
Iron	56-2	26243.99	25810.23	25904.35	25986.19	0.88	ppb
Iron	57-2	26285.43	26026.85	26249.19	26187.15	0.53	ppb
Krypton	83-1						cps
Lead	206-1	2463.69	2515.80	2476.73	2485.41	1.09	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : LCSW 200.8 Instrumnet Name : P8
Client Sample ID : LCSW 200.8 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 16:34:31 DataFile Name : 057LCSW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2471.00	2488.97	2449.64	2469.87	0.80	ppb
Lead	208-1	2471.39	2486.73	2462.00	2473.37	0.50	ppb
Lithium	6-1				92		%
Magnesium	24-2	54357.07	53257.15	53880.17	53831.46	1.02	ppb
Manganese	55-2	5171.21	5105.48	5075.80	5117.50	0.95	ppb
Molybdenum	94-1	4942.70	5028.37	4968.60	4979.89	0.88	ppb
Molybdenum	95-1	4946.77	5047.85	5012.64	5002.42	1.03	ppb
Molybdenum	96-1	4904.60	5021.34	4955.75	4960.57	1.18	ppb
Molybdenum	97-1	4782.98	5007.99	4899.21	4896.73	2.30	ppb
Molybdenum	98-1	4860.79	4985.50	4897.52	4914.60	1.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	479.38	475.42	478.01	477.60	0.42	ppb
Phosphorus	31-2	10197.39	10059.96	10044.67	10100.68	0.83	ppb
Potassium	39-2	25080.83	24497.47	24469.91	24682.74	1.40	ppb
Rhodium	103-1				92		%
Rhodium	103-2				92		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	82-1	489.68	500.25	490.41	493.45	1.20	ppb
Selenium	77-2	498.44	487.68	526.86	504.33	4.01	ppb
Selenium	78-2	519.64	502.22	501.99	507.95	1.99	ppb
Silicon	28-1	513.89	512.10	497.89	507.96	1.73	ppb
Silver	107-1	515.15	517.12	515.56	515.94	0.20	ppb
Silver	109-1	517.99	523.49	519.31	520.26	0.55	ppb
Sodium	23-2	50626.12	50052.98	49732.71	50137.27	0.90	ppb
Strontium	86-1	494.10	507.52	501.12	500.91	1.34	ppb
Strontium	88-1	495.44	501.06	496.84	497.78	0.59	ppb
Sulfur	34-1	9795.86	9821.92	9358.80	9658.86	2.69	ppb
Terbium	159-1				97		%
Terbium	159-2				97		%
Thallium	203-1	497.56	501.90	498.36	499.28	0.46	ppb
Thallium	205-1	491.02	500.60	495.78	495.80	0.97	ppb
Tin	118-1	505.38	513.84	504.04	507.75	1.05	ppb
Titanium	47-1	4980.44	5074.02	4986.06	5013.51	1.05	ppb
Uranium	238-1	490.91	495.05	488.30	491.42	0.69	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : LCSW 200.8 Instrumnet Name : P8
Client Sample ID : LCSW 200.8 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 16:34:31 DataFile Name : 057LCSW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	484.36	479.84	481.75	481.98	0.47	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				98		%
Zinc	66-2	5177.16	5127.05	5098.98	5134.40	0.77	ppb
Zirconium	90-1	495.57	494.54	494.63	494.92	0.12	ppb
Zirconium	91-1	500.79	504.54	504.10	503.14	0.41	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : CCV009 Instrumnet Name : P8
Client Sample ID : CCV009 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 16:37:30 DataFile Name : 058CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49410.57	47862.36	48192.59	48488.50	1.68	ppb
Antimony	121-1	493.04	496.62	500.44	496.70	0.75	ppb
Arsenic	75-2	489.75	479.33	491.18	486.75	1.33	ppb
Barium	135-1	2496.61	2509.44	2519.94	2508.66	0.47	ppb
Barium	137-1	2474.40	2491.95	2501.49	2489.28	0.55	ppb
Beryllium	9-1	499.85	503.16	502.12	501.71	0.34	ppb
Bismuth	209-1				80		%
Bismuth	209-2				81		%
Bromine	81-1						cps
Cadmium	108-1	478.63	482.24	485.09	481.99	0.67	ppb
Cadmium	106-1	475.26	481.45	487.03	481.25	1.22	ppb
Cadmium	111-1	479.45	472.77	491.98	481.40	2.03	ppb
Calcium	43-1	244784.69	249526.13	251446.81	248585.88	1.38	ppb
Calcium	44-1	249047.55	249611.84	248648.82	249102.73	0.19	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	496.37	498.24	490.19	494.93	0.85	ppb
Cobalt	59-2	487.61	490.85	486.99	488.48	0.42	ppb
Copper	63-2	4735.10	4649.57	4632.13	4672.27	1.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				90		%
Holmium	165-2				92		%
Indium	115-1				85		%
Indium	115-2				87		%
Iron	54-2	127341.90	126703.70	125879.13	126641.57	0.58	ppb
Iron	56-2	126153.59	124824.05	125135.05	125370.90	0.55	ppb
Iron	57-2	125626.21	125035.67	124840.43	125167.44	0.33	ppb
Krypton	83-1						cps
Lead	206-1	2520.98	2567.54	2520.74	2536.42	1.06	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : CCV009 Instrumnet Name : P8
Client Sample ID : CCV009 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 16:37:30 DataFile Name : 058CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2514.99	2581.42	2502.67	2533.02	1.67	ppb
Lead	208-1	2518.54	2566.10	2506.35	2530.33	1.25	ppb
Lithium	6-1				83		%
Magnesium	24-2	268851.42	262763.92	262687.51	264767.62	1.34	ppb
Manganese	55-2	4982.06	4956.78	4927.13	4955.32	0.55	ppb
Molybdenum	94-1	5013.77	4987.76	5008.45	5003.33	0.27	ppb
Molybdenum	95-1	5043.61	5058.41	5019.60	5040.54	0.39	ppb
Molybdenum	96-1	4998.84	5062.44	4993.79	5018.36	0.76	ppb
Molybdenum	97-1	5008.27	4998.02	4951.75	4986.01	0.60	ppb
Molybdenum	98-1	4990.59	4979.73	4997.50	4989.27	0.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	485.95	482.06	486.08	484.70	0.47	ppb
Phosphorus	31-2	9873.20	9902.93	9921.78	9899.30	0.25	ppb
Potassium	39-2	122341.86	120855.52	121570.39	121589.26	0.61	ppb
Rhodium	103-1				82		%
Rhodium	103-2				82		%
Scandium	45-1				90		%
Scandium	45-2				92		%
Selenium	82-1	478.00	477.69	472.45	476.05	0.65	ppb
Selenium	77-2	472.44	448.76	494.08	471.76	4.81	ppb
Selenium	78-2	480.02	498.66	507.91	495.53	2.87	ppb
Silicon	28-1	526.13	517.40	525.30	522.94	0.92	ppb
Silver	107-1	472.77	479.27	478.10	476.71	0.73	ppb
Silver	109-1	476.37	481.32	482.91	480.20	0.71	ppb
Sodium	23-2	249925.85	243429.94	243600.37	245652.05	1.51	ppb
Strontium	86-1	506.64	500.95	501.67	503.08	0.62	ppb
Strontium	88-1	502.92	504.49	498.29	501.90	0.64	ppb
Sulfur	34-1	9996.35	9787.22	9559.51	9781.03	2.23	ppb
Terbium	159-1				91		%
Terbium	159-2				92		%
Thallium	203-1	504.03	519.44	510.72	511.40	1.51	ppb
Thallium	205-1	511.59	501.79	507.98	507.12	0.98	ppb
Tin	118-1	494.60	493.48	499.33	495.80	0.63	ppb
Titanium	47-1	5042.24	4912.17	5059.56	5004.66	1.61	ppb
Uranium	238-1	518.61	530.04	515.80	521.48	1.45	ppb

LB Number :

LB134353

Operator :

Jaswal

Lab Sample ID :

CCV009

Instrumnet Name :

P8

Client Sample ID :

CCV009

Dilution Factor :

1

Date & Time Acquired :

2025-01-20 16:37:30

DataFile Name :

058CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	476.72	475.71	472.86	475.10	0.42	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				90		%
Yttrium	89-2				92		%
Zinc	66-2	4819.44	4734.62	4749.65	4767.90	0.95	ppb
Zirconium	90-1	501.43	499.13	497.45	499.34	0.40	ppb
Zirconium	91-1	512.93	512.46	503.24	509.54	1.07	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : CCB009 Instrumnet Name : P8
Client Sample ID : CCB009 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 16:40:15 DataFile Name : 059CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.10	0.55	0.93	0.86	32.90	ppb
Antimony	121-1	0.13	0.12	0.10	0.12	11.37	ppb
Arsenic	75-2	0.02	0.02	0.01	0.02	42.70	ppb
Barium	135-1	0.31	0.26	0.27	0.28	8.94	ppb
Barium	137-1	0.27	0.28	0.27	0.27	3.58	ppb
Beryllium	9-1	0.15	0.13	0.13	0.14	9.72	ppb
Bismuth	209-1				93		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Cadmium	108-1	0.04	0.06	0.12	0.07	53.17	ppb
Cadmium	106-1	-0.68	-1.49	-0.54	-0.91		ppb
Cadmium	111-1	0.01	0.00	0.01	0.01	118.85	ppb
Calcium	43-1	3.13	5.50	2.70	3.78	39.98	ppb
Calcium	44-1	3.35	4.50	1.50	3.12	48.53	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.04	0.02	0.05	0.03	40.46	ppb
Cobalt	59-2	0.02	0.02	0.02	0.02	8.29	ppb
Copper	63-2	0.03	0.05	0.03	0.04	36.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				96		%
Indium	115-1				96		%
Indium	115-2				97		%
Iron	54-2	-1.97	-2.21	-2.69	-2.29		ppb
Iron	56-2	-6.15	-6.05	-5.99	-6.06		ppb
Iron	57-2	-2.75	-3.34	-2.62	-2.90		ppb
Krypton	83-1						cps
Lead	206-1	0.25	0.26	0.22	0.24	9.15	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : CCB009 Instrumnet Name : P8
Client Sample ID : CCB009 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 16:40:15 DataFile Name : 059CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.25	0.26	0.22	0.24	7.80	ppb
Lead	208-1	0.25	0.26	0.21	0.24	10.69	ppb
Lithium	6-1				96		%
Magnesium	24-2	3.85	3.90	4.23	3.99	5.15	ppb
Manganese	55-2	0.18	0.19	0.20	0.19	3.58	ppb
Molybdenum	94-1	0.26	0.30	0.21	0.26	17.22	ppb
Molybdenum	95-1	0.25	0.25	0.19	0.23	14.20	ppb
Molybdenum	96-1	0.24	0.28	0.19	0.24	18.75	ppb
Molybdenum	97-1	0.27	0.23	0.20	0.23	13.31	ppb
Molybdenum	98-1	0.23	0.26	0.18	0.22	16.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.12	0.06	0.06	85.37	ppb
Phosphorus	31-2	-33.55	-18.99	-27.07	-26.54		ppb
Potassium	39-2	21.10	17.07	19.47	19.21	10.53	ppb
Rhodium	103-1				96		%
Rhodium	103-2				97		%
Scandium	45-1				95		%
Scandium	45-2				95		%
Selenium	82-1	-0.09	0.00	-0.13	-0.07		ppb
Selenium	77-2	0.59	-0.29	-0.29	0.00	10291.36	ppb
Selenium	78-2	0.27	0.26	0.01	0.18	80.18	ppb
Silicon	28-1	-0.11	-0.15	-0.28	-0.18		ppb
Silver	107-1	0.06	0.06	0.04	0.05	20.48	ppb
Silver	109-1	0.06	0.06	0.05	0.06	16.49	ppb
Sodium	23-2	36.05	33.16	35.26	34.82	4.29	ppb
Strontium	86-1	0.02	0.02	0.02	0.02	15.93	ppb
Strontium	88-1	0.02	0.01	0.01	0.01	2.44	ppb
Sulfur	34-1	-496.75	-496.39	-490.65	-494.60		ppb
Terbium	159-1				94		%
Terbium	159-2				98		%
Thallium	203-1	0.06	0.06	0.05	0.06	6.25	ppb
Thallium	205-1	0.06	0.05	0.05	0.05	6.50	ppb
Tin	118-1	0.02	0.02	0.01	0.02	35.78	ppb
Titanium	47-1	0.13	0.20	0.10	0.14	36.41	ppb
Uranium	238-1	0.02	0.02	0.01	0.01	25.26	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : CCB009 Instrumnet Name : P8
Client Sample ID : CCB009 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 16:40:15 DataFile Name : 059CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.01	0.00	0.01	0.01	43.96	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				96		%
Yttrium	89-2				98		%
Zinc	66-2	0.06	0.20	0.28	0.18	61.33	ppb
Zirconium	90-1	0.03	0.04	0.03	0.03	12.74	ppb
Zirconium	91-1	0.03	0.04	0.03	0.03	11.66	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : Q1092-01DLX50 Instrumnet Name : P8
Client Sample ID : 427 Dilution Factor : 50
Date & Time Acquired : 2025-01-20 16:43:40 DataFile Name : 060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	127.21	130.78	130.38	129.46	1.51	ppb
Antimony	121-1	0.30	0.30	0.30	0.30	1.42	ppb
Arsenic	75-2	0.52	0.64	0.54	0.57	10.88	ppb
Barium	135-1	7.68	7.57	7.76	7.67	1.26	ppb
Barium	137-1	7.60	7.59	7.85	7.68	1.92	ppb
Beryllium	9-1	0.12	0.09	0.10	0.10	11.15	ppb
Bismuth	209-1				85		%
Bismuth	209-2				88		%
Bromine	81-1						cps
Cadmium	108-1	0.56	0.66	0.70	0.64	11.15	ppb
Cadmium	106-1	-0.92	-1.12	-1.33	-1.12		ppb
Cadmium	111-1	0.37	0.37	0.33	0.36	5.45	ppb
Calcium	43-1	1342.18	1390.26	1425.57	1386.00	3.02	ppb
Calcium	44-1	1447.36	1462.28	1446.12	1451.92	0.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.12	1.17	1.17	1.16	2.42	ppb
Cobalt	59-2	0.37	0.37	0.38	0.38	1.77	ppb
Copper	63-2	15.43	15.73	16.11	15.76	2.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				87		%
Holmium	165-2				90		%
Indium	115-1				89		%
Indium	115-2				90		%
Iron	54-2	495.00	520.32	507.97	507.76	2.49	ppb
Iron	56-2	492.42	503.99	509.50	501.97	1.74	ppb
Iron	57-2	504.00	505.12	508.59	505.90	0.47	ppb
Krypton	83-1						cps
Lead	206-1	8.56	8.32	8.61	8.50	1.82	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : Q1092-01DLX50 Instrumnet Name : P8
Client Sample ID : 427 Dilution Factor : 50
Date & Time Acquired : 2025-01-20 16:43:40 DataFile Name : 060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	8.23	7.98	8.47	8.23	3.01	ppb
Lead	208-1	8.38	8.23	8.47	8.36	1.48	ppb
Lithium	6-1				89		%
Magnesium	24-2	297.17	308.15	310.53	305.28	2.33	ppb
Manganese	55-2	11.08	11.26	11.73	11.36	2.96	ppb
Molybdenum	94-1	4.70	4.68	4.71	4.70	0.29	ppb
Molybdenum	95-1	3.12	3.28	3.19	3.20	2.42	ppb
Molybdenum	96-1	3.37	3.31	3.30	3.33	1.09	ppb
Molybdenum	97-1	3.07	3.21	3.26	3.18	3.19	ppb
Molybdenum	98-1	3.09	3.14	3.18	3.14	1.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.96	1.01	0.97	0.98	2.73	ppb
Phosphorus	31-2	42.85	50.52	44.88	46.08	8.62	ppb
Potassium	39-2	517.92	533.07	527.11	526.04	1.45	ppb
Rhodium	103-1				88		%
Rhodium	103-2				89		%
Scandium	45-1				90		%
Scandium	45-2				90		%
Selenium	82-1	-0.19	-0.17	-0.16	-0.17		ppb
Selenium	77-2	-0.29	-0.29	0.67	0.03	1732.84	ppb
Selenium	78-2	0.04	-0.50	-0.50	-0.32		ppb
Silicon	28-1	502.27	513.46	531.69	515.81	2.88	ppb
Silver	107-1	0.06	0.07	0.08	0.07	8.61	ppb
Silver	109-1	0.07	0.07	0.08	0.07	8.87	ppb
Sodium	23-2	51403.42	52170.64	52634.90	52069.66	1.19	ppb
Strontium	86-1	6.88	6.98	7.12	6.99	1.72	ppb
Strontium	88-1	6.97	7.00	7.13	7.03	1.18	ppb
Sulfur	34-1	657.62	872.90	1146.72	892.42	27.47	ppb
Terbium	159-1				89		%
Terbium	159-2				92		%
Thallium	203-1	0.04	0.04	0.04	0.04	4.43	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	5.76	ppb
Tin	118-1	0.50	0.47	0.50	0.49	3.92	ppb
Titanium	47-1	7.29	7.52	7.60	7.47	2.15	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	3.22	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : Q1092-01DLX50 Instrumnet Name : P8
Client Sample ID : 427 Dilution Factor : 50
Date & Time Acquired : 2025-01-20 16:43:40 DataFile Name : 060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	1.13	1.09	1.12	1.11	1.60	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				90		%
Yttrium	89-2				91		%
Zinc	66-2	104.76	104.80	106.79	105.45	1.10	ppb
Zirconium	90-1	1.17	1.16	1.15	1.16	0.73	ppb
Zirconium	91-1	1.19	1.17	1.22	1.19	2.13	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : Q1092-03DLX5 Instrumnet Name : P8
Client Sample ID : 429 Dilution Factor : 5
Date & Time Acquired : 2025-01-20 16:46:57 DataFile Name : 061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	467.86	487.20	483.27	479.44	2.13	ppb
Antimony	121-1	1.93	1.98	2.08	2.00	3.67	ppb
Arsenic	75-2	1.54	1.37	1.50	1.47	6.03	ppb
Barium	135-1	66.61	68.43	68.86	67.97	1.76	ppb
Barium	137-1	66.72	69.19	70.03	68.65	2.50	ppb
Beryllium	9-1	0.08	0.08	0.08	0.08	2.44	ppb
Bismuth	209-1				92		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Cadmium	108-1	3.60	3.85	3.69	3.72	3.34	ppb
Cadmium	106-1	2.02	1.49	1.85	1.78	15.11	ppb
Cadmium	111-1	2.63	2.76	2.83	2.74	3.74	ppb
Calcium	43-1	9622.19	9904.30	10202.35	9909.62	2.93	ppb
Calcium	44-1	10103.37	10314.01	10540.21	10319.19	2.12	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6.70	6.75	7.02	6.83	2.50	ppb
Cobalt	59-2	6.95	7.11	7.29	7.12	2.39	ppb
Copper	63-2	73.40	75.89	75.45	74.91	1.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				99		%
Indium	115-1				96		%
Indium	115-2				99		%
Iron	54-2	2979.60	3060.13	3058.91	3032.88	1.52	ppb
Iron	56-2	3064.49	3179.87	3240.74	3161.70	2.83	ppb
Iron	57-2	2916.95	3037.17	3067.58	3007.23	2.65	ppb
Krypton	83-1						cps
Lead	206-1	22.25	22.72	22.89	22.62	1.47	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : Q1092-03DLX5 Instrumnet Name : P8
Client Sample ID : 429 Dilution Factor : 5
Date & Time Acquired : 2025-01-20 16:46:57 DataFile Name : 061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	21.66	22.15	22.33	22.05	1.58	ppb
Lead	208-1	21.71	22.34	22.47	22.17	1.84	ppb
Lithium	6-1				97		%
Magnesium	24-2	2817.41	2921.83	2941.04	2893.43	2.30	ppb
Manganese	55-2	63.49	64.94	65.10	64.51	1.37	ppb
Molybdenum	94-1	67.25	70.27	70.20	69.24	2.49	ppb
Molybdenum	95-1	76.10	78.12	79.10	77.77	1.97	ppb
Molybdenum	96-1	74.55	77.01	77.22	76.26	1.95	ppb
Molybdenum	97-1	76.00	79.26	79.01	78.09	2.33	ppb
Molybdenum	98-1	75.16	78.40	78.59	77.38	2.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.28	9.76	9.41	9.48	2.62	ppb
Phosphorus	31-2	1550.45	1537.60	1717.42	1601.82	6.26	ppb
Potassium	39-2	2727.00	2821.43	2838.44	2795.62	2.15	ppb
Rhodium	103-1				95		%
Rhodium	103-2				97		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	82-1	0.33	-0.29	-0.02	0.01	4518.82	ppb
Selenium	77-2	0.56	4.14	-0.29	1.47	159.66	ppb
Selenium	78-2	-0.01	0.53	0.26	0.26	102.86	ppb
Silicon	28-1	1604.67	1601.14	1656.38	1620.73	1.91	ppb
Silver	107-1	0.13	0.14	0.14	0.14	3.59	ppb
Silver	109-1	0.13	0.14	0.15	0.14	6.61	ppb
Sodium	23-2	48738.79	50378.99	50599.00	49905.59	2.04	ppb
Strontium	86-1	26.04	26.92	27.07	26.68	2.10	ppb
Strontium	88-1	26.04	27.04	27.05	26.71	2.16	ppb
Sulfur	34-1	8401.30	8289.68	8968.21	8553.06	4.25	ppb
Terbium	159-1				97		%
Terbium	159-2				100		%
Thallium	203-1	0.03	0.03	0.04	0.03	18.35	ppb
Thallium	205-1	0.03	0.04	0.03	0.03	10.15	ppb
Tin	118-1	2.85	2.99	2.94	2.93	2.48	ppb
Titanium	47-1	20.32	21.50	21.33	21.05	3.03	ppb
Uranium	238-1	0.09	0.09	0.10	0.09	3.00	ppb

LB Number :

LB134353

Operator :

Jaswal

Lab Sample ID :

Q1092-03DLX5

Instrumnet Name :

P8

Client Sample ID :

429

Dilution Factor :

5

Date & Time Acquired :

2025-01-20 16:46:57

DataFile Name :

061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	2.35	2.25	2.47	2.35	4.75	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				99		%
Zinc	66-2	2189.26	2261.81	2264.61	2238.56	1.91	ppb
Zirconium	90-1	2.77	2.92	2.90	2.86	2.86	ppb
Zirconium	91-1	2.76	2.93	2.97	2.89	3.90	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : Q1092-03DUPDLX5 Instrumnet Name : P8
Client Sample ID : 429 Dilution Factor : 5
Date & Time Acquired : 2025-01-20 16:50:15 DataFile Name : 062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	497.81	488.54	490.56	492.31	0.99	ppb
Antimony	121-1	2.05	2.07	2.08	2.07	0.86	ppb
Arsenic	75-2	1.52	1.57	1.38	1.49	6.40	ppb
Barium	135-1	68.23	71.82	70.45	70.17	2.58	ppb
Barium	137-1	69.61	72.15	71.29	71.02	1.82	ppb
Beryllium	9-1	0.07	0.09	0.07	0.08	12.05	ppb
Bismuth	209-1				92		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Cadmium	108-1	3.90	3.93	4.13	3.98	3.12	ppb
Cadmium	106-1	1.03	2.47	2.30	1.93	40.72	ppb
Cadmium	111-1	2.75	2.84	2.93	2.84	3.21	ppb
Calcium	43-1	10153.58	10482.95	10087.12	10241.22	2.07	ppb
Calcium	44-1	10818.85	10852.62	10629.00	10766.82	1.12	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7.20	7.19	7.29	7.23	0.77	ppb
Cobalt	59-2	7.55	7.35	7.36	7.42	1.54	ppb
Copper	63-2	77.71	77.37	78.58	77.89	0.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				98		%
Indium	115-1				97		%
Indium	115-2				98		%
Iron	54-2	3169.51	3143.35	3148.09	3153.65	0.44	ppb
Iron	56-2	3318.37	3227.25	3237.45	3261.02	1.53	ppb
Iron	57-2	3110.36	3087.21	3119.31	3105.63	0.53	ppb
Krypton	83-1						cps
Lead	206-1	23.05	24.03	23.21	23.43	2.24	ppb

LB Number :	LB134353	Operator :	Jaswal
Lab Sample ID :	Q1092-03DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	429	Dilution Factor :	5
Date & Time Acquired :	2025-01-20 16:50:15	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	22.50	23.11	22.88	22.83	1.35	ppb
Lead	208-1	22.65	23.48	22.90	23.01	1.85	ppb
Lithium	6-1				96		%
Magnesium	24-2	3038.98	2979.24	3010.24	3009.49	0.99	ppb
Manganese	55-2	66.51	66.87	66.06	66.48	0.61	ppb
Molybdenum	94-1	69.79	72.50	69.80	70.70	2.21	ppb
Molybdenum	95-1	78.38	81.85	77.82	79.35	2.75	ppb
Molybdenum	96-1	76.98	80.00	76.13	77.71	2.61	ppb
Molybdenum	97-1	79.05	80.95	78.57	79.52	1.58	ppb
Molybdenum	98-1	77.50	80.23	77.76	78.50	1.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	10.02	9.98	9.89	9.96	0.69	ppb
Phosphorus	31-2	1663.15	1625.14	1662.38	1650.22	1.32	ppb
Potassium	39-2	2941.32	2881.92	2913.78	2912.34	1.02	ppb
Rhodium	103-1				96		%
Rhodium	103-2				97		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	82-1	0.13	0.24	0.29	0.22	37.34	ppb
Selenium	77-2	-0.29	-0.29	0.57	0.00		ppb
Selenium	78-2	0.53	0.01	-0.25	0.09	423.14	ppb
Silicon	28-1	1645.47	1700.75	1612.45	1652.89	2.70	ppb
Silver	107-1	0.13	0.14	0.14	0.14	3.65	ppb
Silver	109-1	0.13	0.14	0.15	0.14	8.19	ppb
Sodium	23-2	52512.19	51718.92	51786.13	52005.74	0.85	ppb
Strontium	86-1	27.12	27.91	26.64	27.22	2.35	ppb
Strontium	88-1	26.98	27.95	27.21	27.38	1.84	ppb
Sulfur	34-1	8810.90	9357.67	8356.11	8841.56	5.67	ppb
Terbium	159-1				97		%
Terbium	159-2				100		%
Thallium	203-1	0.03	0.04	0.03	0.03	22.99	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	3.77	ppb
Tin	118-1	2.93	3.06	3.06	3.02	2.63	ppb
Titanium	47-1	20.99	22.14	21.33	21.48	2.76	ppb
Uranium	238-1	0.09	0.10	0.10	0.10	2.83	ppb

LB Number :

LB134353

Operator :

Jaswal

Lab Sample ID :

Q1092-03DUPDLX5

Instrumnet Name :

P8

Client Sample ID :

429

Dilution Factor :

5

Date & Time Acquired :

2025-01-20 16:50:15

DataFile Name :

062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	2.56	2.54	2.56	2.55	0.50	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	2320.96	2321.16	2341.10	2327.74	0.50	ppb
Zirconium	90-1	2.84	3.00	2.88	2.91	2.87	ppb
Zirconium	91-1	2.89	2.97	2.85	2.90	2.21	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : Q1092-03LDLX25 Instrumnet Name : P8
Client Sample ID : 429L Dilution Factor : 25
Date & Time Acquired : 2025-01-20 16:53:30 DataFile Name : 063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	97.69	95.55	99.95	97.73	2.25	ppb
Antimony	121-1	0.43	0.42	0.42	0.42	0.52	ppb
Arsenic	75-2	0.31	0.31	0.39	0.34	14.53	ppb
Barium	135-1	14.30	13.78	14.07	14.05	1.88	ppb
Barium	137-1	14.48	14.02	14.32	14.27	1.65	ppb
Beryllium	9-1	0.06	0.05	0.05	0.05	7.22	ppb
Bismuth	209-1				95		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Cadmium	108-1	0.90	0.62	0.87	0.80	19.70	ppb
Cadmium	106-1	-0.87	-0.64	-0.55	-0.69		ppb
Cadmium	111-1	0.51	0.54	0.55	0.53	4.01	ppb
Calcium	43-1	2098.68	2011.92	2038.89	2049.83	2.17	ppb
Calcium	44-1	2242.74	2159.52	2164.00	2188.76	2.14	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.47	1.45	1.46	1.46	0.64	ppb
Cobalt	59-2	1.52	1.50	1.48	1.50	1.39	ppb
Copper	63-2	19.90	19.75	19.91	19.85	0.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				100		%
Indium	115-1				99		%
Indium	115-2				101		%
Iron	54-2	631.70	638.05	619.72	629.82	1.48	ppb
Iron	56-2	659.14	653.80	662.25	658.40	0.65	ppb
Iron	57-2	635.29	619.49	632.60	629.13	1.34	ppb
Krypton	83-1						cps
Lead	206-1	4.75	4.58	4.63	4.65	1.89	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : Q1092-03LDLX25 Instrumnet Name : P8
Client Sample ID : 429L Dilution Factor : 25
Date & Time Acquired : 2025-01-20 16:53:30 DataFile Name : 063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	4.66	4.39	4.52	4.52	2.91	ppb
Lead	208-1	4.64	4.46	4.54	4.55	1.98	ppb
Lithium	6-1				97		%
Magnesium	24-2	595.47	596.65	597.64	596.59	0.18	ppb
Manganese	55-2	13.50	13.34	13.29	13.38	0.85	ppb
Molybdenum	94-1	14.70	14.01	14.10	14.27	2.65	ppb
Molybdenum	95-1	16.50	15.60	15.91	16.00	2.87	ppb
Molybdenum	96-1	16.16	15.17	15.55	15.63	3.19	ppb
Molybdenum	97-1	16.39	15.69	15.68	15.92	2.58	ppb
Molybdenum	98-1	16.55	15.56	15.70	15.93	3.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.56	2.41	2.45	2.47	3.22	ppb
Phosphorus	31-2	299.95	301.67	303.62	301.74	0.61	ppb
Potassium	39-2	582.52	586.57	576.74	581.94	0.85	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	82-1	-0.20	-0.20	-0.12	-0.18		ppb
Selenium	77-2	-0.29	-0.29	-0.29	-0.29		ppb
Selenium	78-2	-0.50	0.25	1.55	0.43	240.66	ppb
Silicon	28-1	342.28	326.39	331.55	333.41	2.43	ppb
Silver	107-1	0.03	0.03	0.03	0.03	5.75	ppb
Silver	109-1	0.03	0.03	0.03	0.03	5.63	ppb
Sodium	23-2	10386.24	10320.27	10294.02	10333.51	0.46	ppb
Strontium	86-1	5.62	5.36	5.45	5.48	2.50	ppb
Strontium	88-1	5.74	5.38	5.44	5.52	3.43	ppb
Sulfur	34-1	1453.94	1173.36	1277.03	1301.44	10.90	ppb
Terbium	159-1				99		%
Terbium	159-2				101		%
Thallium	203-1	0.02	0.02	0.02	0.02	5.20	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	5.31	ppb
Tin	118-1	0.61	0.57	0.60	0.59	3.17	ppb
Titanium	47-1	4.30	4.27	4.35	4.31	0.95	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	5.61	ppb

LB Number :

LB134353

Operator :

Jaswal

Lab Sample ID :

Q1092-03LDLX25

Instrumnet Name :

P8

Client Sample ID :

429L

Dilution Factor :

25

Date & Time Acquired :

2025-01-20 16:53:30

DataFile Name :

063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.49	0.50	0.47	0.49	3.64	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	466.95	466.95	466.84	466.91	0.01	ppb
Zirconium	90-1	0.57	0.57	0.58	0.57	0.53	ppb
Zirconium	91-1	0.58	0.53	0.57	0.56	5.17	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : Q1092-03MSDLX5 Instrumnet Name : P8
Client Sample ID : 429 Dilution Factor : 5
Date & Time Acquired : 2025-01-20 16:56:49 DataFile Name : 064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2861.44	2833.24	2823.39	2839.36	0.70	ppb
Antimony	121-1	386.70	407.43	407.26	400.46	2.98	ppb
Arsenic	75-2	414.16	422.75	415.33	417.41	1.12	ppb
Barium	135-1	728.49	754.85	757.43	746.92	2.14	ppb
Barium	137-1	712.46	742.25	755.50	736.74	2.99	ppb
Beryllium	9-1	365.20	380.29	379.39	374.96	2.26	ppb
Bismuth	209-1				92		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Cadmium	108-1	366.40	388.55	383.09	379.35	3.04	ppb
Cadmium	106-1	388.50	409.67	409.07	402.41	3.00	ppb
Cadmium	111-1	367.63	384.03	389.01	380.22	2.94	ppb
Calcium	43-1	19306.19	19898.24	20329.98	19844.80	2.59	ppb
Calcium	44-1	20230.54	20620.04	21162.18	20670.92	2.26	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	360.33	365.75	365.94	364.00	0.87	ppb
Cobalt	59-2	412.19	412.33	419.79	414.77	1.05	ppb
Copper	63-2	1257.91	1246.66	1246.22	1250.26	0.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				97		%
Indium	115-1				97		%
Indium	115-2				97		%
Iron	54-2	9845.25	9956.90	10000.72	9934.29	0.81	ppb
Iron	56-2	9976.54	10197.11	10136.33	10103.33	1.13	ppb
Iron	57-2	9509.62	9721.92	9629.71	9620.42	1.11	ppb
Krypton	83-1						cps
Lead	206-1	505.27	518.80	521.90	515.32	1.72	ppb

LB Number :	LB134353	Operator :	Jaswal
Lab Sample ID :	Q1092-03MSDLX5	Instrumnet Name :	P8
Client Sample ID :	429	Dilution Factor :	5
Date & Time Acquired :	2025-01-20 16:56:49	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	511.84	516.48	512.60	513.64	0.48	ppb
Lead	208-1	506.53	514.08	513.65	511.42	0.83	ppb
Lithium	6-1				96		%
Magnesium	24-2	14140.29	13921.90	13997.38	14019.86	0.79	ppb
Manganese	55-2	1031.90	1068.60	1063.06	1054.52	1.88	ppb
Molybdenum	94-1	1371.09	1431.65	1440.15	1414.30	2.66	ppb
Molybdenum	95-1	836.93	863.17	863.38	854.49	1.78	ppb
Molybdenum	96-1	884.56	916.38	921.98	907.64	2.22	ppb
Molybdenum	97-1	828.78	868.88	863.64	853.77	2.55	ppb
Molybdenum	98-1	830.35	862.55	861.25	851.38	2.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	377.97	380.52	378.79	379.10	0.34	ppb
Phosphorus	31-2	1567.06	1426.20	1567.61	1520.29	5.36	ppb
Potassium	39-2	8992.60	9064.13	9651.12	9235.95	3.91	ppb
Rhodium	103-1				97		%
Rhodium	103-2				95		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	82-1	374.65	389.60	395.20	386.48	2.75	ppb
Selenium	77-2	429.80	412.16	377.96	406.64	6.48	ppb
Selenium	78-2	418.08	414.05	407.79	413.30	1.25	ppb
Silicon	28-1	1569.58	1602.57	1656.78	1609.64	2.74	ppb
Silver	107-1	0.68	0.70	0.72	0.70	2.84	ppb
Silver	109-1	0.23	0.24	0.24	0.24	2.04	ppb
Sodium	23-2	58628.67	59050.90	58471.49	58717.02	0.51	ppb
Strontium	86-1	389.33	394.04	396.68	393.35	0.95	ppb
Strontium	88-1	380.07	384.62	388.46	384.38	1.09	ppb
Sulfur	34-1	7766.15	8138.94	8310.73	8071.94	3.45	ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	369.45	384.79	381.53	378.59	2.14	ppb
Thallium	205-1	362.33	373.10	374.25	369.89	1.78	ppb
Tin	118-1	133.06	134.09	138.16	135.10	2.00	ppb
Titanium	47-1	527.46	543.94	551.62	541.01	2.28	ppb
Uranium	238-1	372.64	373.82	372.97	373.15	0.16	ppb

LB Number :

LB134353

Operator :

Jaswal

Lab Sample ID :

Q1092-03MSDLX5

Instrumnet Name :

P8

Client Sample ID :

429

Dilution Factor :

5

Date & Time Acquired :

2025-01-20 16:56:49

DataFile Name :

064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	375.34	378.48	381.79	378.54	0.85	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				98		%
Zinc	66-2	3138.43	3137.96	3137.46	3137.95	0.02	ppb
Zirconium	90-1	387.41	394.53	400.57	394.17	1.67	ppb
Zirconium	91-1	393.00	404.12	408.24	401.79	1.96	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : Q1092-03MSDDLX5 Instrumnet Name : P8
Client Sample ID : 429 Dilution Factor : 5
Date & Time Acquired : 2025-01-20 16:59:41 DataFile Name : 065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2832.19	2854.75	2838.52	2841.82	0.41	ppb
Antimony	121-1	403.80	418.51	419.67	413.99	2.14	ppb
Arsenic	75-2	416.16	415.22	413.59	414.99	0.31	ppb
Barium	135-1	744.91	776.51	761.50	760.97	2.08	ppb
Barium	137-1	737.06	763.14	755.60	751.93	1.79	ppb
Beryllium	9-1	394.75	376.52	385.68	385.65	2.36	ppb
Bismuth	209-1				92		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Cadmium	108-1	376.49	393.87	389.22	386.53	2.33	ppb
Cadmium	106-1	400.41	419.47	422.28	414.05	2.87	ppb
Cadmium	111-1	377.10	389.15	392.30	386.19	2.08	ppb
Calcium	43-1	19615.20	20086.53	20226.37	19976.04	1.60	ppb
Calcium	44-1	20454.27	20974.38	21216.82	20881.82	1.87	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	363.06	360.37	363.47	362.30	0.47	ppb
Cobalt	59-2	414.77	410.34	405.90	410.33	1.08	ppb
Copper	63-2	1250.84	1251.71	1255.42	1252.66	0.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				98		%
Indium	115-1				97		%
Indium	115-2				97		%
Iron	54-2	9910.38	9891.13	9970.97	9924.16	0.42	ppb
Iron	56-2	9955.73	9968.72	10061.31	9995.25	0.58	ppb
Iron	57-2	9491.39	9530.98	9592.72	9538.37	0.54	ppb
Krypton	83-1						cps
Lead	206-1	519.58	538.68	531.59	529.95	1.82	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : Q1092-03MSDDLX5 Instrumnet Name : P8
Client Sample ID : 429 Dilution Factor : 5
Date & Time Acquired : 2025-01-20 16:59:41 DataFile Name : 065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	521.72	528.15	532.19	527.35	1.00	ppb
Lead	208-1	518.03	531.09	526.81	525.31	1.27	ppb
Lithium	6-1				95		%
Magnesium	24-2	14111.36	13862.48	14006.74	13993.53	0.89	ppb
Manganese	55-2	1037.61	1044.69	1058.15	1046.82	1.00	ppb
Molybdenum	94-1	1442.83	1471.60	1468.07	1460.83	1.07	ppb
Molybdenum	95-1	875.37	891.45	894.26	887.03	1.15	ppb
Molybdenum	96-1	938.62	952.90	937.81	943.11	0.90	ppb
Molybdenum	97-1	882.81	896.21	889.53	889.52	0.75	ppb
Molybdenum	98-1	864.79	906.71	891.99	887.83	2.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	374.34	373.98	376.88	375.07	0.42	ppb
Phosphorus	31-2	1522.76	1557.32	1568.80	1549.63	1.55	ppb
Potassium	39-2	9100.14	9398.02	9530.91	9343.02	2.36	ppb
Rhodium	103-1				95		%
Rhodium	103-2				96		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	82-1	395.19	409.03	401.33	401.85	1.73	ppb
Selenium	77-2	381.75	389.17	455.19	408.70	9.89	ppb
Selenium	78-2	411.24	428.44	387.90	409.20	4.97	ppb
Silicon	28-1	1592.85	1634.67	1642.33	1623.28	1.64	ppb
Silver	107-1	0.69	0.71	0.74	0.71	3.68	ppb
Silver	109-1	0.23	0.24	0.25	0.24	2.95	ppb
Sodium	23-2	58869.15	57919.36	58887.43	58558.65	0.95	ppb
Strontium	86-1	399.27	405.34	399.21	401.27	0.88	ppb
Strontium	88-1	398.56	399.69	392.53	396.93	0.97	ppb
Sulfur	34-1	7791.89	8281.32	8273.49	8115.57	3.45	ppb
Terbium	159-1				98		%
Terbium	159-2				100		%
Thallium	203-1	381.97	392.50	386.48	386.98	1.37	ppb
Thallium	205-1	378.77	383.06	380.88	380.90	0.56	ppb
Tin	118-1	137.31	140.22	137.80	138.44	1.12	ppb
Titanium	47-1	537.08	554.80	556.82	549.57	1.98	ppb
Uranium	238-1	382.08	388.74	379.45	383.42	1.25	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : Q1092-03MSDDLX5 Instrumnet Name : P8
Client Sample ID : 429 Dilution Factor : 5
Date & Time Acquired : 2025-01-20 16:59:41 DataFile Name : 065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	378.66	377.18	377.30	377.71	0.22	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				99		%
Zinc	66-2	3122.12	3252.37	3280.93	3218.47	2.63	ppb
Zirconium	90-1	397.38	412.66	410.06	406.70	2.01	ppb
Zirconium	91-1	406.09	414.80	416.04	412.31	1.31	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : Q1092-03ADLX5 Instrumnet Name : P8
Client Sample ID : 429A Dilution Factor : 5
Date & Time Acquired : 2025-01-20 17:02:34 DataFile Name : 066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2847.75	2860.67	2795.43	2834.62	1.22	ppb
Antimony	121-1	412.72	419.07	423.48	418.42	1.29	ppb
Arsenic	75-2	414.71	402.57	419.59	412.29	2.13	ppb
Barium	135-1	760.69	764.82	769.84	765.11	0.60	ppb
Barium	137-1	742.72	761.55	762.90	755.72	1.49	ppb
Beryllium	9-1	378.07	382.18	388.76	383.00	1.41	ppb
Bismuth	209-1				91		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Cadmium	108-1	381.03	394.29	396.65	390.66	2.16	ppb
Cadmium	106-1	415.09	420.60	422.40	419.36	0.91	ppb
Cadmium	111-1	384.56	394.80	398.91	392.76	1.88	ppb
Calcium	43-1	20007.83	20404.96	20543.98	20318.93	1.37	ppb
Calcium	44-1	20903.61	21210.56	21371.39	21161.85	1.12	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	364.70	364.73	358.05	362.49	1.06	ppb
Cobalt	59-2	418.10	414.73	403.72	412.18	1.82	ppb
Copper	63-2	1258.61	1271.27	1234.63	1254.84	1.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				98		%
Indium	115-1				96		%
Indium	115-2				98		%
Iron	54-2	9912.44	10063.25	9873.62	9949.77	1.01	ppb
Iron	56-2	10146.35	10179.75	9892.14	10072.75	1.56	ppb
Iron	57-2	9567.40	9718.44	9443.12	9576.32	1.44	ppb
Krypton	83-1						cps
Lead	206-1	534.81	530.25	536.66	533.91	0.62	ppb

LB Number :	LB134353	Operator :	Jaswal
Lab Sample ID :	Q1092-03ADLX5	Instrumnet Name :	P8
Client Sample ID :	429A	Dilution Factor :	5
Date & Time Acquired :	2025-01-20 17:02:34	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	530.03	526.21	542.55	532.93	1.60	ppb
Lead	208-1	525.34	525.46	537.75	529.52	1.35	ppb
Lithium	6-1				96		%
Magnesium	24-2	14285.88	14213.24	13833.08	14110.73	1.72	ppb
Manganese	55-2	1057.97	1059.79	1040.59	1052.79	1.01	ppb
Molybdenum	94-1	1413.60	1466.81	1476.68	1452.36	2.34	ppb
Molybdenum	95-1	861.40	867.80	884.22	871.14	1.35	ppb
Molybdenum	96-1	917.23	942.17	951.53	936.98	1.89	ppb
Molybdenum	97-1	851.08	879.04	887.38	872.50	2.18	ppb
Molybdenum	98-1	866.89	882.55	888.80	879.41	1.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	376.90	377.28	373.34	375.84	0.58	ppb
Phosphorus	31-2	1535.67	1620.03	1546.25	1567.32	2.93	ppb
Potassium	39-2	9022.40	9615.40	9449.85	9362.55	3.27	ppb
Rhodium	103-1				94		%
Rhodium	103-2				96		%
Scandium	45-1				98		%
Scandium	45-2				99		%
Selenium	82-1	390.29	396.36	406.60	397.75	2.07	ppb
Selenium	77-2	409.99	374.31	421.87	402.06	6.16	ppb
Selenium	78-2	389.77	400.04	419.88	403.23	3.80	ppb
Silicon	28-1	1621.45	1662.52	1688.35	1657.44	2.04	ppb
Silver	107-1	0.74	0.74	0.74	0.74	0.06	ppb
Silver	109-1	0.25	0.24	0.24	0.24	2.47	ppb
Sodium	23-2	58692.00	58758.51	58024.65	58491.72	0.69	ppb
Strontium	86-1	393.98	409.50	410.23	404.57	2.27	ppb
Strontium	88-1	389.42	397.99	403.50	396.97	1.79	ppb
Sulfur	34-1	8224.11	8554.86	8476.46	8418.48	2.05	ppb
Terbium	159-1				97		%
Terbium	159-2				98		%
Thallium	203-1	387.76	388.46	396.10	390.77	1.18	ppb
Thallium	205-1	385.26	383.83	388.92	386.01	0.68	ppb
Tin	118-1	136.74	140.11	140.58	139.14	1.51	ppb
Titanium	47-1	547.51	558.91	563.52	556.65	1.48	ppb
Uranium	238-1	380.15	383.53	397.09	386.92	2.32	ppb

LB Number :

LB134353

Operator :

Jaswal

Lab Sample ID :

Q1092-03ADLX5

Instrumnet Name :

P8

Client Sample ID :

429A

Dilution Factor :

5

Date & Time Acquired :

2025-01-20 17:02:34

DataFile Name :

066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	377.16	379.23	373.10	376.50	0.83	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				100		%
Zinc	66-2	3148.07	3140.12	3081.81	3123.33	1.16	ppb
Zirconium	90-1	400.86	409.00	411.46	407.10	1.36	ppb
Zirconium	91-1	408.44	417.05	412.99	412.83	1.04	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : CCV010 Instrumnet Name : P8
Client Sample ID : CCV010 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 17:05:24 DataFile Name : 067CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49481.75	49718.92	49648.64	49616.44	0.25	ppb
Antimony	121-1	487.84	496.36	500.31	494.84	1.29	ppb
Arsenic	75-2	489.92	487.43	491.52	489.62	0.42	ppb
Barium	135-1	2443.86	2498.69	2543.96	2495.50	2.01	ppb
Barium	137-1	2459.97	2488.01	2537.12	2495.03	1.57	ppb
Beryllium	9-1	498.00	504.94	500.75	501.23	0.70	ppb
Bismuth	209-1				82		%
Bismuth	209-2				81		%
Bromine	81-1						cps
Cadmium	108-1	477.68	481.06	495.33	484.69	1.93	ppb
Cadmium	106-1	481.23	487.62	492.63	487.16	1.17	ppb
Cadmium	111-1	476.85	469.30	492.20	479.45	2.43	ppb
Calcium	43-1	243546.36	255152.67	250147.58	249615.54	2.33	ppb
Calcium	44-1	244172.46	252515.23	250607.94	249098.54	1.75	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	507.94	504.01	508.72	506.89	0.50	ppb
Cobalt	59-2	493.45	494.77	502.76	496.99	1.01	ppb
Copper	63-2	4725.78	4708.65	4788.22	4740.88	0.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				93		%
Indium	115-1				87		%
Indium	115-2				87		%
Iron	54-2	129020.90	128454.26	129115.22	128863.46	0.28	ppb
Iron	56-2	129276.88	128277.23	127451.72	128335.28	0.71	ppb
Iron	57-2	127827.12	128931.63	129023.85	128594.20	0.52	ppb
Krypton	83-1						cps
Lead	206-1	2499.82	2530.70	2565.79	2532.10	1.30	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : CCV010 Instrumnet Name : P8
Client Sample ID : CCV010 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 17:05:24 DataFile Name : 067CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2506.60	2505.98	2543.04	2518.54	0.84	ppb
Lead	208-1	2492.54	2521.35	2554.28	2522.72	1.22	ppb
Lithium	6-1				86		%
Magnesium	24-2	268694.79	269359.91	269375.62	269143.44	0.14	ppb
Manganese	55-2	5119.64	5107.26	5030.14	5085.68	0.95	ppb
Molybdenum	94-1	4938.38	5011.74	5109.42	5019.85	1.71	ppb
Molybdenum	95-1	4970.14	4961.50	5098.02	5009.89	1.53	ppb
Molybdenum	96-1	4942.09	4981.61	5050.35	4991.35	1.10	ppb
Molybdenum	97-1	4970.80	4971.16	5060.66	5000.87	1.04	ppb
Molybdenum	98-1	4972.11	4957.04	5081.84	5003.66	1.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	492.73	486.48	496.89	492.03	1.06	ppb
Phosphorus	31-2	9944.14	9902.55	10261.03	10035.91	1.95	ppb
Potassium	39-2	124190.64	123880.46	124546.91	124206.01	0.27	ppb
Rhodium	103-1				84		%
Rhodium	103-2				83		%
Scandium	45-1				92		%
Scandium	45-2				91		%
Selenium	82-1	468.01	473.16	478.57	473.24	1.12	ppb
Selenium	77-2	507.42	454.75	531.18	497.79	7.86	ppb
Selenium	78-2	483.69	466.73	482.63	477.68	1.99	ppb
Silicon	28-1	521.25	534.35	529.41	528.34	1.25	ppb
Silver	107-1	474.83	474.19	487.57	478.86	1.58	ppb
Silver	109-1	476.35	480.71	486.04	481.03	1.01	ppb
Sodium	23-2	248556.74	251111.06	251089.82	250252.54	0.59	ppb
Strontium	86-1	500.41	498.48	503.72	500.87	0.53	ppb
Strontium	88-1	494.10	493.48	497.87	495.15	0.48	ppb
Sulfur	34-1	9798.17	9756.22	9760.72	9771.70	0.24	ppb
Terbium	159-1				93		%
Terbium	159-2				93		%
Thallium	203-1	505.66	518.91	517.26	513.94	1.40	ppb
Thallium	205-1	499.37	510.09	508.21	505.89	1.13	ppb
Tin	118-1	490.31	490.45	506.14	495.63	1.84	ppb
Titanium	47-1	4910.58	5037.04	5064.20	5003.94	1.64	ppb
Uranium	238-1	516.14	516.37	522.81	518.44	0.73	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : CCV010 Instrumnet Name : P8
Client Sample ID : CCV010 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 17:05:24 DataFile Name : 067CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	484.06	482.56	484.46	483.69	0.21	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				92		%
Yttrium	89-2				93		%
Zinc	66-2	4845.04	4817.50	4824.33	4828.96	0.30	ppb
Zirconium	90-1	494.85	506.30	501.36	500.83	1.15	ppb
Zirconium	91-1	498.33	506.58	518.74	507.88	2.02	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : CCB010 Instrumnet Name : P8
Client Sample ID : CCB010 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 17:11:51 DataFile Name : 069CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.62	-0.21	0.20	0.20	202.22	ppb
Antimony	121-1	0.03	0.04	0.03	0.03	4.54	ppb
Arsenic	75-2	0.04	0.02	0.02	0.03	29.92	ppb
Barium	135-1	0.11	0.08	0.07	0.09	20.98	ppb
Barium	137-1	0.09	0.11	0.08	0.09	12.28	ppb
Beryllium	9-1	0.08	0.10	0.09	0.09	7.62	ppb
Bismuth	209-1				92		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Cadmium	108-1	0.03	0.01	0.06	0.03	73.05	ppb
Cadmium	106-1	-1.59	-2.36	-2.12	-2.02		ppb
Cadmium	111-1	-0.02	-0.04	-0.04	-0.03		ppb
Calcium	43-1	2.34	1.49	3.33	2.39	38.55	ppb
Calcium	44-1	0.24	0.07	0.36	0.22	66.38	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.02	0.00	0.01	156.82	ppb
Cobalt	59-2	0.02	0.03	0.02	0.02	20.54	ppb
Copper	63-2	-0.11	-0.09	-0.12	-0.11		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				95		%
Indium	115-1				95		%
Indium	115-2				95		%
Iron	54-2	-3.71	-3.65	-3.66	-3.67		ppb
Iron	56-2	-7.55	-7.69	-7.59	-7.61		ppb
Iron	57-2	-4.38	-4.52	-4.18	-4.36		ppb
Krypton	83-1						cps
Lead	206-1	0.12	0.09	0.12	0.11	12.89	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : CCB010 Instrumnet Name : P8
Client Sample ID : CCB010 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 17:11:51 DataFile Name : 069CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.13	0.11	0.09	0.11	16.40	ppb
Lead	208-1	0.11	0.10	0.11	0.11	5.69	ppb
Lithium	6-1				96		%
Magnesium	24-2	0.18	-0.07	-0.31	-0.07		ppb
Manganese	55-2	0.12	0.15	0.15	0.14	13.03	ppb
Molybdenum	94-1	0.05	0.02	0.04	0.03	34.49	ppb
Molybdenum	95-1	0.05	0.03	0.04	0.04	15.92	ppb
Molybdenum	96-1	0.06	0.03	0.05	0.05	34.05	ppb
Molybdenum	97-1	0.05	0.03	0.03	0.04	24.98	ppb
Molybdenum	98-1	0.05	0.04	0.03	0.04	22.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.06	-0.04	0.04	0.02	262.02	ppb
Phosphorus	31-2	-30.27	-29.93	-31.39	-30.53		ppb
Potassium	39-2	15.67	9.49	15.26	13.47	25.66	ppb
Rhodium	103-1				94		%
Rhodium	103-2				95		%
Scandium	45-1				95		%
Scandium	45-2				93		%
Selenium	82-1	-0.07	0.13	-0.09	-0.01		ppb
Selenium	77-2	-0.29	-0.29	-0.29	-0.29		ppb
Selenium	78-2	0.57	0.51	-0.23	0.28	157.14	ppb
Silicon	28-1	-0.12	-0.15	0.11	-0.05		ppb
Silver	107-1	0.01	0.01	0.01	0.01	26.93	ppb
Silver	109-1	0.01	0.01	0.01	0.01	30.16	ppb
Sodium	23-2	29.84	26.45	28.92	28.40	6.16	ppb
Strontium	86-1	0.00	0.00	0.00	0.00		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	32.03	ppb
Sulfur	34-1	-770.61	-781.89	-612.85	-721.78		ppb
Terbium	159-1				93		%
Terbium	159-2				95		%
Thallium	203-1	0.05	0.04	0.04	0.04	11.42	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	7.00	ppb
Tin	118-1	0.00	0.00	0.20	0.07	173.73	ppb
Titanium	47-1	0.02	0.02	0.02	0.02	17.32	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	41.06	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : CCB010 Instrumnet Name : P8
Client Sample ID : CCB010 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 17:11:51 DataFile Name : 069CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	0.00	0.00	49.88	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				95		%
Yttrium	89-2				95		%
Zinc	66-2	0.18	0.14	0.05	0.12	50.49	ppb
Zirconium	90-1	0.04	0.01	0.01	0.02	99.24	ppb
Zirconium	91-1	0.03	0.02	0.01	0.02	71.10	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : Q1085-01DLX10 Instrumnet Name : P8
Client Sample ID : MC0B99 Dilution Factor : 10
Date & Time Acquired : 2025-01-20 17:15:15 DataFile Name : 070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.27	4.20	4.15	3.54	31.10	ppb
Antimony	121-1	0.02	0.01	0.02	0.02	16.86	ppb
Arsenic	75-2	0.04	0.07	0.10	0.07	48.53	ppb
Barium	135-1	42.27	40.99	41.62	41.62	1.54	ppb
Barium	137-1	42.44	41.25	41.46	41.72	1.52	ppb
Beryllium	9-1	0.10	0.10	0.11	0.10	3.11	ppb
Bismuth	209-1				91		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Cadmium	108-1	0.18	0.07	0.05	0.10	74.28	ppb
Cadmium	106-1	-1.39	-1.27	-1.91	-1.52		ppb
Cadmium	111-1	0.00	0.02	-0.01	0.01	238.65	ppb
Calcium	43-1	7006.51	6935.53	6830.85	6924.30	1.28	ppb
Calcium	44-1	7298.50	7157.72	7294.89	7250.37	1.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	739.04	738.22	766.72	747.99	2.17	ppb
Cobalt	59-2	1.50	1.49	1.57	1.52	2.74	ppb
Copper	63-2	0.97	0.81	0.90	0.90	8.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				93		%
Indium	115-1				94		%
Indium	115-2				94		%
Iron	54-2	626.45	622.19	633.98	627.54	0.95	ppb
Iron	56-2	23.58	23.38	24.58	23.85	2.70	ppb
Iron	57-2	28.40	23.95	28.29	26.88	9.44	ppb
Krypton	83-1						cps
Lead	206-1	0.10	0.07	0.08	0.08	19.51	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : Q1085-01DLX10 Instrumnet Name : P8
Client Sample ID : MC0B99 Dilution Factor : 10
Date & Time Acquired : 2025-01-20 17:15:15 DataFile Name : 070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.09	0.08	0.07	0.08	12.79	ppb
Lead	208-1	0.08	0.07	0.08	0.08	6.38	ppb
Lithium	6-1				94		%
Magnesium	24-2	2755.42	2699.46	2825.99	2760.29	2.30	ppb
Manganese	55-2	45.50	44.43	46.13	45.35	1.89	ppb
Molybdenum	94-1	0.01	0.03	0.03	0.03	40.39	ppb
Molybdenum	95-1	0.04	0.03	0.03	0.03	11.15	ppb
Molybdenum	96-1	0.04	0.05	0.02	0.04	31.66	ppb
Molybdenum	97-1	0.04	0.03	0.03	0.03	18.97	ppb
Molybdenum	98-1	0.03	0.03	0.03	0.03	8.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	21.41	21.70	22.67	21.93	3.01	ppb
Phosphorus	31-2	-15.40	-19.76	-21.03	-18.73		ppb
Potassium	39-2	178.12	176.48	183.82	179.47	2.15	ppb
Rhodium	103-1				93		%
Rhodium	103-2				92		%
Scandium	45-1				95		%
Scandium	45-2				92		%
Selenium	82-1	0.03	0.13	-0.20	-0.01		ppb
Selenium	77-2	0.62	-0.29	-0.29	0.01	3504.94	ppb
Selenium	78-2	0.03	0.81	0.59	0.47	84.86	ppb
Silicon	28-1	400.50	401.18	394.49	398.72	0.92	ppb
Silver	107-1	0.01	0.01	0.01	0.01	4.14	ppb
Silver	109-1	0.01	0.01	0.01	0.01	19.75	ppb
Sodium	23-2	2699.03	2670.10	2736.40	2701.84	1.23	ppb
Strontium	86-1	15.25	15.50	15.41	15.39	0.82	ppb
Strontium	88-1	15.54	15.23	15.37	15.38	1.01	ppb
Sulfur	34-1	344.20	199.77	115.52	219.83	52.61	ppb
Terbium	159-1				93		%
Terbium	159-2				95		%
Thallium	203-1	0.03	0.03	0.04	0.03	10.45	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	5.75	ppb
Tin	118-1	0.03	0.02	0.01	0.02	41.07	ppb
Titanium	47-1	0.13	0.11	0.07	0.10	26.73	ppb
Uranium	238-1	0.11	0.11	0.11	0.11	3.28	ppb

LB Number :

LB134353

Operator :

Jaswal

Lab Sample ID :

Q1085-01DLX10

Instrumnet Name :

P8

Client Sample ID :

MC0B99

Dilution Factor :

10

Date & Time Acquired :

2025-01-20 17:15:15

DataFile Name :

070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.03	0.05	0.07	0.05	34.82	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				95		%
Yttrium	89-2				94		%
Zinc	66-2	2.25	2.38	2.83	2.48	12.27	ppb
Zirconium	90-1	0.01	0.00	0.00	0.00	71.43	ppb
Zirconium	91-1	0.01	0.01	0.00	0.00	28.61	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : CCV011 Instrumnet Name : P8
Client Sample ID : CCV011 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 17:18:32 DataFile Name : 071CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49629.84	49220.23	48665.53	49171.87	0.98	ppb
Antimony	121-1	479.79	499.26	499.03	492.69	2.27	ppb
Arsenic	75-2	481.91	491.63	486.44	486.66	1.00	ppb
Barium	135-1	2425.83	2499.27	2501.74	2475.61	1.74	ppb
Barium	137-1	2412.35	2501.56	2535.01	2482.97	2.55	ppb
Beryllium	9-1	488.44	490.18	495.04	491.22	0.70	ppb
Bismuth	209-1				79		%
Bismuth	209-2				79		%
Bromine	81-1						cps
Cadmium	108-1	465.12	483.98	482.13	477.08	2.18	ppb
Cadmium	106-1	463.47	481.47	484.78	476.57	2.41	ppb
Cadmium	111-1	462.09	481.75	482.83	475.56	2.46	ppb
Calcium	43-1	243601.33	251583.78	248909.46	248031.53	1.64	ppb
Calcium	44-1	244500.83	252253.90	251255.49	249336.74	1.69	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	501.61	502.37	509.62	504.53	0.88	ppb
Cobalt	59-2	501.61	493.29	494.56	496.49	0.90	ppb
Copper	63-2	4728.51	4705.96	4750.17	4728.21	0.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				88		%
Holmium	165-2				90		%
Indium	115-1				85		%
Indium	115-2				85		%
Iron	54-2	127538.30	127352.12	128446.64	127779.02	0.46	ppb
Iron	56-2	126199.48	125580.48	128110.69	126630.22	1.04	ppb
Iron	57-2	127998.35	125895.21	127616.81	127170.12	0.88	ppb
Krypton	83-1						cps
Lead	206-1	2446.16	2500.86	2532.48	2493.17	1.75	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : CCV011 Instrumnet Name : P8
Client Sample ID : CCV011 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 17:18:32 DataFile Name : 071CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2449.83	2495.58	2504.85	2483.42	1.19	ppb
Lead	208-1	2453.98	2496.32	2508.17	2486.16	1.15	ppb
Lithium	6-1				85		%
Magnesium	24-2	270334.10	267712.75	266933.80	268326.89	0.66	ppb
Manganese	55-2	4999.42	5023.92	5058.80	5027.38	0.59	ppb
Molybdenum	94-1	4846.61	4991.69	5004.13	4947.48	1.77	ppb
Molybdenum	95-1	4889.24	4977.56	5013.68	4960.16	1.29	ppb
Molybdenum	96-1	4871.40	4991.97	5000.44	4954.60	1.46	ppb
Molybdenum	97-1	4847.65	4966.33	4965.11	4926.36	1.38	ppb
Molybdenum	98-1	4870.92	4967.61	5044.86	4961.13	1.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	490.65	489.50	492.22	490.79	0.28	ppb
Phosphorus	31-2	9786.61	9835.79	9714.50	9778.97	0.62	ppb
Potassium	39-2	123561.92	123538.70	123518.57	123539.73	0.02	ppb
Rhodium	103-1				80		%
Rhodium	103-2				80		%
Scandium	45-1				89		%
Scandium	45-2				89		%
Selenium	82-1	459.21	473.50	471.53	468.08	1.65	ppb
Selenium	77-2	492.87	483.36	471.13	482.46	2.26	ppb
Selenium	78-2	489.44	486.23	477.09	484.25	1.32	ppb
Silicon	28-1	516.80	520.79	513.64	517.07	0.69	ppb
Silver	107-1	461.91	481.45	473.90	472.42	2.09	ppb
Silver	109-1	462.42	488.16	478.46	476.35	2.73	ppb
Sodium	23-2	252070.53	248437.10	249434.53	249980.72	0.75	ppb
Strontium	86-1	491.36	499.55	503.00	497.97	1.20	ppb
Strontium	88-1	480.38	499.17	491.33	490.29	1.92	ppb
Sulfur	34-1	9039.64	9578.14	9492.85	9370.21	3.09	ppb
Terbium	159-1				89		%
Terbium	159-2				90		%
Thallium	203-1	501.04	505.30	507.41	504.58	0.64	ppb
Thallium	205-1	495.24	498.71	502.81	498.92	0.76	ppb
Tin	118-1	485.55	505.43	502.42	497.80	2.15	ppb
Titanium	47-1	4857.43	4993.84	4998.36	4949.88	1.62	ppb
Uranium	238-1	508.08	519.74	519.93	515.92	1.32	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : CCV011 Instrumnet Name : P8
Client Sample ID : CCV011 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 17:18:32 DataFile Name : 071CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	479.51	478.35	482.57	480.14	0.45	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				89		%
Yttrium	89-2				89		%
Zinc	66-2	4821.34	4766.24	4865.17	4817.58	1.03	ppb
Zirconium	90-1	481.02	497.63	499.12	492.59	2.04	ppb
Zirconium	91-1	485.28	495.11	511.04	497.15	2.61	ppb

LB Number :LB134353Operator :Jaswal

Lab Sample ID :CCB011Instrumnet Name :P8

Client Sample ID :CCB011Dilution Factor :1

Date & Time Acquired :2025-01-20 17:21:21DataFile Name :072CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.73	1.22	0.97	0.97	25.16	ppb
Antimony	121-1	0.11	0.11	0.09	0.10	12.39	ppb
Arsenic	75-2	0.01	0.05	0.05	0.04	64.86	ppb
Barium	135-1	0.26	0.24	0.21	0.24	12.06	ppb
Barium	137-1	0.27	0.22	0.18	0.22	20.78	ppb
Beryllium	9-1	0.13	0.14	0.12	0.13	9.99	ppb
Bismuth	209-1				92		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Cadmium	108-1	0.16	0.16	0.09	0.14	28.76	ppb
Cadmium	106-1	-1.01	-1.65	-2.10	-1.59		ppb
Cadmium	111-1	0.01	0.00	-0.02	0.00		ppb
Calcium	43-1	14.06	13.25	6.31	11.21	37.99	ppb
Calcium	44-1	13.05	9.85	5.16	9.35	42.40	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.03	0.04	0.03	54.62	ppb
Cobalt	59-2	0.04	0.03	0.02	0.03	36.05	ppb
Copper	63-2	0.04	0.06	0.01	0.04	64.26	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				94		%
Indium	115-1				97		%
Indium	115-2				95		%
Iron	54-2	-1.10	-2.19	-2.70	-2.00		ppb
Iron	56-2	-4.77	-5.19	-6.44	-5.47		ppb
Iron	57-2	-1.66	-1.85	-3.55	-2.36		ppb
Krypton	83-1						cps
Lead	206-1	0.27	0.24	0.19	0.23	17.52	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : CCB011 Instrumnet Name : P8
Client Sample ID : CCB011 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 17:21:21 DataFile Name : 072CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.27	0.25	0.18	0.24	20.95	ppb
Lead	208-1	0.27	0.23	0.19	0.23	17.05	ppb
Lithium	6-1				96		%
Magnesium	24-2	5.12	4.43	2.27	3.94	37.77	ppb
Manganese	55-2	0.21	0.18	0.13	0.17	24.61	ppb
Molybdenum	94-1	0.36	0.31	0.20	0.29	27.95	ppb
Molybdenum	95-1	0.38	0.31	0.20	0.30	31.75	ppb
Molybdenum	96-1	0.36	0.30	0.20	0.29	28.80	ppb
Molybdenum	97-1	0.38	0.32	0.20	0.30	30.24	ppb
Molybdenum	98-1	0.35	0.29	0.20	0.28	28.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.03	-0.05	-0.04		ppb
Phosphorus	31-2	-32.03	-31.80	-21.18	-28.34		ppb
Potassium	39-2	19.55	20.00	17.91	19.15	5.75	ppb
Rhodium	103-1				96		%
Rhodium	103-2				95		%
Scandium	45-1				97		%
Scandium	45-2				94		%
Selenium	82-1	-0.30	-0.19	-0.03	-0.17		ppb
Selenium	77-2	-0.29	-0.29	-0.29	-0.29		ppb
Selenium	78-2	-0.24	0.29	-0.50	-0.15		ppb
Silicon	28-1	-0.66	-0.24	-0.21	-0.37		ppb
Silver	107-1	0.07	0.05	0.04	0.05	31.01	ppb
Silver	109-1	0.08	0.06	0.05	0.06	20.25	ppb
Sodium	23-2	41.60	39.24	37.12	39.32	5.70	ppb
Strontium	86-1	0.04	0.03	0.01	0.02	59.78	ppb
Strontium	88-1	0.03	0.02	0.01	0.02	36.85	ppb
Sulfur	34-1	-1029.65	-730.07	-725.46	-828.39		ppb
Terbium	159-1				95		%
Terbium	159-2				95		%
Thallium	203-1	0.06	0.05	0.05	0.06	10.70	ppb
Thallium	205-1	0.06	0.06	0.05	0.06	16.51	ppb
Tin	118-1	0.11	0.03	0.01	0.05	100.81	ppb
Titanium	47-1	0.26	0.23	0.09	0.19	45.94	ppb
Uranium	238-1	0.03	0.02	0.01	0.02	33.76	ppb

LB Number :

LB134353

Operator :

Jaswal

Lab Sample ID :

CCB011

Instrumnet Name :

P8

Client Sample ID :

CCB011

Dilution Factor :

1

Date & Time Acquired :

2025-01-20 17:21:21

DataFile Name :

072CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.01	0.01	0.01	0.01	47.17	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				95		%
Zinc	66-2	0.28	0.27	0.39	0.32	21.42	ppb
Zirconium	90-1	0.03	0.03	0.02	0.03	27.96	ppb
Zirconium	91-1	0.04	0.03	0.02	0.03	19.92	ppb

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P8
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 13:16:54 DataFile Name : 004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	80	57	73	70	17.17	cps
Antimony	121-1	67	53	77	66	17.86	cps
Arsenic	75-2	0	0	3	1	173.21	cps
Barium	135-1	343	310	257	303	14.41	cps
Barium	137-1	463	517	453	478	7.13	cps
Beryllium	9-1	305	304	294	301	2.05	cps
Bismuth	209-1	11337731	11586299	11375159	11433063	1.17	cps
Bismuth	209-2	4386434	4331518	4345435	4354462	0.66	cps
Bromine	81-1	6508	6475	6502	6495	0.27	cps
Cadmium	108-1	27	30	20	26	19.92	cps
Cadmium	106-1	8663	8393	8296	8450	2.25	cps
Cadmium	111-1	1731	1674	1679	1694	1.85	cps
Calcium	43-1	607	653	697	652	6.90	cps
Calcium	44-1	12392	12602	12592	12529	0.95	cps
Carbon	12-1	2984525	3012293	2969485	2988768	0.73	cps
Carbon	12-2	20354	20307	20388	20350	0.20	cps
Chlorine	35-1	87844	87790	86272	87302	1.02	cps
Chlorine	35-2	330	253	400	328	22.38	cps
Chromium	52-2	523	513	460	499	6.83	cps
Cobalt	59-2	77	50	77	68	22.72	cps
Copper	63-2	3347	3464	3534	3448	2.74	cps
Dysprosium	156-1	77	27	60	54	46.76	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	87	73	110	90	20.62	cps
Erbium	164-2	17	23	17	19	20.36	cps
Gadolinium	160-1	87	90	93	90	3.70	cps
Gadolinium	160-2	20	10	23	18	39.03	cps
Holmium	165-1	18605193	18379933	18160183	18381770	1.21	cps
Holmium	165-2	6124225	6053534	6019860	6065873	0.88	cps
Indium	115-1	14291577	14044218	14065331	14133709	0.97	cps
Indium	115-2	1333134	1326463	1329763	1329787	0.25	cps
Iron	54-2	780	840	943	854	9.67	cps
Iron	56-2	39540	14244	13830	22538	65.34	cps
Iron	57-2	360	410	363	378	7.40	cps
Krypton	83-1	160	147	140	149	6.84	cps
Lead	206-1	1010	1120	1057	1062	5.20	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P8
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 13:16:54 DataFile Name : 004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	957	883	887	909	4.56	cps
Lead	208-1	4300	4274	4287	4287	0.31	cps
Lithium	6-1	7523376	7464031	7391790	7459732	0.88	cps
Magnesium	24-2	627	367	490	494	26.30	cps
Manganese	55-2	93	123	143	120	20.98	cps
Molybdenum	94-1	390	380	340	370	7.15	cps
Molybdenum	95-1	147	150	153	150	2.22	cps
Molybdenum	96-1	203	173	190	189	7.96	cps
Molybdenum	97-1	100	67	73	80	22.05	cps
Molybdenum	98-1	210	173	290	224	26.58	cps
Neodymium	150-1	13	20	20	18	21.66	cps
Neodymium	150-2	3	10	3	6	69.34	cps
Nickel	60-2	1093	1193	1177	1155	4.64	cps
Phosphorus	31-2	80	83	70	78	8.92	cps
Potassium	39-2	7002	7175	6582	6919	4.41	cps
Rhodium	103-1	13153392	13193086	12992306	13112928	0.81	cps
Rhodium	103-2	4819152	4807303	4819765	4815407	0.15	cps
Scandium	45-1	10314797	10208007	10124233	10215679	0.93	cps
Scandium	45-2	175902	178525	177107	177178	0.74	cps
Selenium	82-1	17	83	37	46	75.09	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	0	10	10	7	86.60	cps
Silicon	28-1	437237	441064	438754	439018	0.44	cps
Silver	107-1	193	177	223	198	11.96	cps
Silver	109-1	53	97	70	73	29.81	cps
Sodium	23-2	19847	19707	19717	19757	0.40	cps
Strontium	86-1	303	287	333	308	7.68	cps
Strontium	88-1	393	373	407	391	4.29	cps
Sulfur	34-1	463398	463247	460187	462277	0.39	cps
Terbium	159-1	18599487	18540030	18549006	18562841	0.17	cps
Terbium	159-2	5882607	5799302	5813244	5831718	0.77	cps
Thallium	203-1	210	250	187	216	14.86	cps
Thallium	205-1	557	533	587	559	4.78	cps
Tin	118-1	1510	1307	2048	1622	23.62	cps
Titanium	47-1	170	233	163	189	20.45	cps
Uranium	238-1	67	50	83	67	25.00	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P8
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 13:16:54 DataFile Name : 004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	3	7	7	6	34.70	cps
Ytterbium	172-1	83	77	110	90	19.60	cps
Ytterbium	172-2	67	23	40	43	50.45	cps
Ytterbium	176-1	2670	2640	2517	2609	3.12	cps
Ytterbium	176-2	473	413	460	449	7.02	cps
Yttrium	89-1	25746980	25837588	25237914	25607494	1.26	cps
Yttrium	89-2	1791973	1790659	1798323	1793652	0.23	cps
Zinc	66-2	303	230	247	260	14.79	cps
Zirconium	90-1	797	900	863	853	6.14	cps
Zirconium	91-1	163	153	180	166	8.13	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : S02 Instrumnet Name : P8
Client Sample ID : S02 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 13:23:37 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1477	1453	1413	1448	2.21	cps
Antimony	121-1	30968	31209	31266	31148	0.51	cps
Arsenic	75-2	353	293	290	312	11.42	cps
Barium	135-1	40022	41630	41166	40939	2.02	cps
Barium	137-1	69176	69634	70445	69752	0.92	cps
Beryllium	9-1	6184	6153	6181	6173	0.28	cps
Bismuth	209-1	13671299	11423043	11154579	12082973	11.44	cps
Bismuth	209-2	4263218	4026761	4210747	4166908	2.98	cps
Bromine	81-1	6448	6438	6275	6387	1.52	cps
Cadmium	108-1	400	353	327	360	10.31	cps
Cadmium	106-1	10478	8916	8786	9393	10.02	cps
Cadmium	111-1	6140	5743	5856	5913	3.45	cps
Calcium	43-1	30613	31675	31057	31115	1.71	cps
Calcium	44-1	495593	505844	503340	501592	1.07	cps
Carbon	12-1	3379862	3447928	3412066	3413286	1.00	cps
Carbon	12-2	23138	23265	23125	23176	0.33	cps
Chlorine	35-1	88984	88991	89088	89021	0.07	cps
Chlorine	35-2	307	387	400	364	13.85	cps
Chromium	52-2	7279	7595	7395	7423	2.16	cps
Cobalt	59-2	6642	6835	6385	6620	3.41	cps
Copper	63-2	13563	13133	13153	13283	1.83	cps
Dysprosium	156-1	47	60	47	51	15.06	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Erbium	164-1	103	93	113	103	9.68	cps
Erbium	164-2	33	17	17	22	43.28	cps
Gadolinium	160-1	97	90	97	94	4.08	cps
Gadolinium	160-2	17	3	10	10	66.70	cps
Holmium	165-1	21824749	18320243	17820649	19321881	11.29	cps
Holmium	165-2	5962580	5652497	5887087	5834054	2.77	cps
Indium	115-1	16770583	14200071	13689631	14886762	11.09	cps
Indium	115-2	1318930	1221941	1295309	1278727	3.96	cps
Iron	54-2	7565	8032	7602	7733	3.36	cps
Iron	56-2	136226	135304	136519	136016	0.47	cps
Iron	57-2	3657	3474	3417	3516	3.57	cps
Krypton	83-1	193	197	157	182	12.18	cps
Lead	206-1	13771	14181	14819	14257	3.70	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : S02 Instrumnet Name : P8
Client Sample ID : S02 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 13:23:37 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	11892	12383	12603	12293	2.96	cps
Lead	208-1	55280	56538	58288	56702	2.66	cps
Lithium	6-1	8832045	7740559	7378758	7983787	9.48	cps
Magnesium	24-2	128587	129789	128228	128868	0.63	cps
Manganese	55-2	1613	1567	1533	1571	2.56	cps
Molybdenum	94-1	33400	33831	33945	33725	0.85	cps
Molybdenum	95-1	39810	40586	41047	40481	1.54	cps
Molybdenum	96-1	43638	45097	45233	44656	1.98	cps
Molybdenum	97-1	25083	25567	26068	25573	1.93	cps
Molybdenum	98-1	63876	66123	65681	65227	1.83	cps
Neodymium	150-1	13	40	23	26	52.73	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	2970	2907	2760	2879	3.74	cps
Phosphorus	31-2	177	223	210	203	11.82	cps
Potassium	39-2	75245	76344	76779	76122	1.04	cps
Rhodium	103-1	15619776	13006887	12710191	13778951	11.62	cps
Rhodium	103-2	4730938	4401675	4634900	4589171	3.69	cps
Scandium	45-1	12491089	10252890	9976364	10906781	12.64	cps
Scandium	45-2	175190	163098	172176	170155	3.70	cps
Selenium	82-1	1277	1270	1333	1293	2.69	cps
Selenium	77-2	47	33	17	32	46.65	cps
Selenium	78-2	83	93	97	91	7.62	cps
Silicon	28-1	521877	520156	522085	521373	0.20	cps
Silver	107-1	20599	20432	21316	20782	2.26	cps
Silver	109-1	18586	19507	19634	19242	2.97	cps
Sodium	23-2	266009	267478	266052	266513	0.31	cps
Strontium	86-1	5711	5755	6071	5846	3.36	cps
Strontium	88-1	46350	47327	49126	47601	2.96	cps
Sulfur	34-1	475922	471629	475629	474394	0.51	cps
Terbium	159-1	22161718	18619287	18234353	19671786	11.01	cps
Terbium	159-2	5947937	5357231	5657420	5654196	5.22	cps
Thallium	203-1	16217	16788	16697	16567	1.85	cps
Thallium	205-1	39370	40242	39784	39799	1.10	cps
Tin	118-1	67920	68765	70741	69142	2.09	cps
Titanium	47-1	13256	13009	13163	13143	0.95	cps
Uranium	238-1	51518	51548	51916	51660	0.43	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : S02 Instrumnet Name : P8
Client Sample ID : S02 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 13:23:37 DataFile Name : 006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	13253	12949	13400	13201	1.74	cps
Ytterbium	172-1	127	107	107	113	10.19	cps
Ytterbium	172-2	40	37	17	31	40.56	cps
Ytterbium	176-1	3060	2720	2690	2824	7.28	cps
Ytterbium	176-2	383	340	407	377	8.98	cps
Yttrium	89-1	30286423	25740861	24994333	27007206	10.61	cps
Yttrium	89-2	1751604	1620772	1769684	1714020	4.74	cps
Zinc	66-2	2934	3077	3000	3004	2.39	cps
Zirconium	90-1	28713	28806	29381	28967	1.25	cps
Zirconium	91-1	6178	6412	6458	6349	2.36	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : S03 Instrumnet Name : P8
Client Sample ID : S03 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 13:26:58 DataFile Name : 007CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	69023	66390	65309	66907	2.85	cps
Antimony	121-1	742328	760550	761600	754826	1.44	cps
Arsenic	75-2	13807	13176	12763	13249	3.97	cps
Barium	135-1	939497	984765	964947	963069	2.36	cps
Barium	137-1	1721432	1790385	1764149	1758655	1.98	cps
Beryllium	9-1	276923	285043	279047	280338	1.50	cps
Bismuth	209-1	13624118	8837095	10946741	11135985	21.54	cps
Bismuth	209-2	4595789	4370488	4323673	4429983	3.28	cps
Bromine	81-1	6652	6795	6548	6665	1.86	cps
Cadmium	108-1	15936	16924	15943	16267	3.49	cps
Cadmium	106-1	32652	29348	31432	31144	5.36	cps
Cadmium	111-1	189467	194322	198416	194068	2.31	cps
Calcium	43-1	279371	289799	288988	286053	2.03	cps
Calcium	44-1	4695212	4839736	4681968	4738972	1.85	cps
Carbon	12-1	3273415	3432954	3438884	3381751	2.78	cps
Carbon	12-2	22754	22524	22788	22689	0.63	cps
Chlorine	35-1	91530	90983	92654	91722	0.93	cps
Chlorine	35-2	357	313	347	339	6.70	cps
Chromium	52-2	161931	157132	157361	158808	1.70	cps
Cobalt	59-2	300742	295820	293852	296805	1.20	cps
Copper	63-2	2419514	2339169	2299309	2352664	2.60	cps
Dysprosium	156-1	87	80	67	78	13.09	cps
Dysprosium	156-2	10	3	3	6	69.34	cps
Erbium	164-1	110	90	93	98	10.96	cps
Erbium	164-2	40	37	37	38	5.09	cps
Gadolinium	160-1	83	93	87	88	5.80	cps
Gadolinium	160-2	10	27	17	18	47.19	cps
Holmium	165-1	22342324	14170077	17564001	18025468	22.78	cps
Holmium	165-2	6488984	6182373	6026011	6232456	3.78	cps
Indium	115-1	17025166	10949244	13469040	13814483	22.10	cps
Indium	115-2	1402843	1350933	1314192	1355989	3.28	cps
Iron	54-2	331861	327127	322558	327182	1.42	cps
Iron	56-2	6299892	6115587	6066739	6160739	2.00	cps
Iron	57-2	151178	146915	145925	148006	1.89	cps
Krypton	83-1	190	200	127	172	23.09	cps
Lead	206-1	3347987	3425144	3419399	3397510	1.27	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : S03 Instrumnet Name : P8
Client Sample ID : S03 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 13:26:58 DataFile Name : 007CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	2838482	2955756	2895884	2896707	2.02	cps
Lead	208-1	13054278	13522882	13433800	13336986	1.87	cps
Lithium	6-1	8823291	6117615	7218866	7386590	18.42	cps
Magnesium	24-2	1224174	1240985	1190366	1218508	2.12	cps
Manganese	55-2	692016	674460	665169	677215	2.01	cps
Molybdenum	94-1	2811564	2880245	2925229	2872346	1.99	cps
Molybdenum	95-1	4029154	4107642	4125571	4087455	1.25	cps
Molybdenum	96-1	4379000	4546078	4493949	4473009	1.91	cps
Molybdenum	97-1	2495883	2545695	2563133	2534904	1.38	cps
Molybdenum	98-1	6496001	6555758	6591567	6547775	0.74	cps
Neodymium	150-1	83	83	97	88	8.77	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	84405	82521	81518	82815	1.77	cps
Phosphorus	31-2	2994	3187	2944	3041	4.23	cps
Potassium	39-2	333106	326905	320702	326904	1.90	cps
Rhodium	103-1	15644941	10149213	12495160	12763105	21.61	cps
Rhodium	103-2	5035785	4807530	4675227	4839514	3.77	cps
Scandium	45-1	12401029	7848926	9709760	9986572	22.92	cps
Scandium	45-2	187148	179857	177170	181392	2.85	cps
Selenium	82-1	12566	11952	12729	12416	3.30	cps
Selenium	77-2	290	213	200	234	20.72	cps
Selenium	78-2	767	700	690	719	5.80	cps
Silicon	28-1	2603534	2693706	2675962	2657734	1.80	cps
Silver	107-1	998923	1039365	1045884	1028057	2.47	cps
Silver	109-1	957718	995386	986874	979993	2.02	cps
Sodium	23-2	2433017	2402757	2373607	2403127	1.24	cps
Strontium	86-1	271177	276750	276375	274767	1.13	cps
Strontium	88-1	2455903	2535870	2511773	2501182	1.64	cps
Sulfur	34-1	556000	552087	544327	550805	1.08	cps
Terbium	159-1	22690062	14424631	18052430	18389041	22.53	cps
Terbium	159-2	6270060	5921276	5908355	6033230	3.40	cps
Thallium	203-1	791035	814519	813032	806195	1.63	cps
Thallium	205-1	2009417	2062692	2065987	2046032	1.55	cps
Tin	118-1	642196	670427	658618	657081	2.16	cps
Titanium	47-1	1271235	1297083	1263186	1277168	1.39	cps
Uranium	238-1	2562391	2699838	2716249	2659493	3.18	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : S03 Instrumnet Name : P8
Client Sample ID : S03 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 13:26:58 DataFile Name : 007CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	124401	119396	119403	121067	2.39	cps
Ytterbium	172-1	137	97	97	110	20.99	cps
Ytterbium	172-2	40	40	33	38	10.19	cps
Ytterbium	176-1	6705	5631	5991	6109	8.95	cps
Ytterbium	176-2	1540	1520	1660	1573	4.81	cps
Yttrium	89-1	31252783	19898916	24401665	25184454	22.70	cps
Yttrium	89-2	1874048	1842096	1749939	1822027	3.54	cps
Zinc	66-2	238948	236637	231761	235782	1.56	cps
Zirconium	90-1	1299649	1351869	1334056	1328525	2.00	cps
Zirconium	91-1	288404	300052	297877	295444	2.10	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : S04 Instrumnet Name : P8
Client Sample ID : S04 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 13:30:05 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	162159	162216	162533	162303	0.12	cps
Antimony	121-1	1902178	1921477	1998693	1940783	2.63	cps
Arsenic	75-2	33470	32969	33199	33212	0.76	cps
Barium	135-1	2446823	2492733	2541979	2493845	1.91	cps
Barium	137-1	4210728	4249468	4280145	4246780	0.82	cps
Beryllium	9-1	663078	665134	665235	664482	0.18	cps
Bismuth	209-1	11079058	11225857	11254940	11186618	0.84	cps
Bismuth	209-2	4259532	4181239	4259217	4233329	1.07	cps
Bromine	81-1	6278	6815	6652	6582	4.18	cps
Cadmium	108-1	40275	40419	39834	40176	0.76	cps
Cadmium	106-1	63582	64098	64496	64059	0.72	cps
Cadmium	111-1	459123	466017	471465	465535	1.33	cps
Calcium	43-1	680711	687510	688062	685428	0.60	cps
Calcium	44-1	11541998	11489122	11420294	11483804	0.53	cps
Carbon	12-1	3329587	3364682	3393788	3362686	0.96	cps
Carbon	12-2	23085	23031	23041	23053	0.12	cps
Chlorine	35-1	92513	93674	94355	93514	1.00	cps
Chlorine	35-2	370	400	340	370	8.11	cps
Chromium	52-2	391630	387957	391098	390228	0.51	cps
Cobalt	59-2	728436	727134	725481	727017	0.20	cps
Copper	63-2	5761166	5713158	5671334	5715219	0.79	cps
Dysprosium	156-1	87	107	90	94	11.35	cps
Dysprosium	156-2	0	10	0	3	173.21	cps
Erbium	164-1	117	103	113	111	6.24	cps
Erbium	164-2	30	43	50	41	24.77	cps
Gadolinium	160-1	100	100	57	86	29.24	cps
Gadolinium	160-2	43	20	20	28	48.49	cps
Holmium	165-1	18465023	18078031	18145417	18229490	1.13	cps
Holmium	165-2	6165694	6037464	5979112	6060757	1.57	cps
Indium	115-1	13915497	13762752	13854070	13844106	0.56	cps
Indium	115-2	1326583	1315867	1311421	1317957	0.59	cps
Iron	54-2	807395	798882	802106	802794	0.54	cps
Iron	56-2	15207651	15329006	15222865	15253174	0.43	cps
Iron	57-2	366560	367339	367015	366971	0.11	cps
Krypton	83-1	180	163	177	173	5.09	cps
Lead	206-1	8097972	8069093	8048220	8071762	0.31	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : S04 Instrumnet Name : P8
Client Sample ID : S04 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 13:30:05 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	6985574	6961046	7033133	6993251	0.52	cps
Lead	208-1	31921191	32052585	32335473	32103083	0.66	cps
Lithium	6-1	7072902	7201744	7127291	7133979	0.91	cps
Magnesium	24-2	3049027	2957752	2945351	2984043	1.90	cps
Manganese	55-2	1791607	1769352	1766379	1775779	0.78	cps
Molybdenum	94-1	6734185	6924813	6862295	6840431	1.42	cps
Molybdenum	95-1	9766965	9851931	9989064	9869320	1.14	cps
Molybdenum	96-1	10770694	10651994	10763850	10728846	0.62	cps
Molybdenum	97-1	6023620	6085768	6147802	6085730	1.02	cps
Molybdenum	98-1	15675823	15928347	16121838	15908669	1.41	cps
Neodymium	150-1	187	203	260	217	17.74	cps
Neodymium	150-2	7	0	7	4	86.60	cps
Nickel	60-2	199995	200046	202848	200963	0.81	cps
Phosphorus	31-2	7579	7262	7435	7425	2.14	cps
Potassium	39-2	791394	791852	795373	792873	0.27	cps
Rhodium	103-1	12848233	12689614	12774668	12770838	0.62	cps
Rhodium	103-2	4731323	4656254	4720454	4702677	0.86	cps
Scandium	45-1	10200933	10017008	9982483	10066808	1.17	cps
Scandium	45-2	175488	173568	174282	174446	0.56	cps
Selenium	82-1	30260	30637	30500	30466	0.63	cps
Selenium	77-2	477	487	570	511	10.03	cps
Selenium	78-2	1880	1653	1647	1727	7.69	cps
Silicon	28-1	5858277	5751780	5849111	5819723	1.01	cps
Silver	107-1	2653814	2659059	2639246	2650706	0.39	cps
Silver	109-1	2518826	2511440	2508363	2512876	0.21	cps
Sodium	23-2	5790098	5668405	5806561	5755021	1.31	cps
Strontium	86-1	656407	661975	668606	662329	0.92	cps
Strontium	88-1	5811637	5911095	6090721	5937817	2.38	cps
Sulfur	34-1	665088	662017	662323	663143	0.26	cps
Terbium	159-1	18750875	18415732	18474463	18547023	0.96	cps
Terbium	159-2	6018084	5881129	5897115	5932109	1.26	cps
Thallium	203-1	2080625	2093509	2084315	2086150	0.32	cps
Thallium	205-1	4900666	4940683	5005484	4948944	1.07	cps
Tin	118-1	1669838	1673155	1683475	1675489	0.42	cps
Titanium	47-1	3051874	3107588	3075340	3078267	0.91	cps
Uranium	238-1	6307802	6430528	6442931	6393754	1.17	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : S04 Instrumnet Name : P8
Client Sample ID : S04 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 13:30:05 DataFile Name : 008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	301894	297760	300869	300174	0.72	cps
Ytterbium	172-1	120	83	137	113	24.08	cps
Ytterbium	172-2	53	80	67	67	20.00	cps
Ytterbium	176-1	11285	11021	11432	11246	1.85	cps
Ytterbium	176-2	3380	3507	3334	3407	2.63	cps
Yttrium	89-1	25920990	25064742	25774482	25586738	1.79	cps
Yttrium	89-2	1805547	1778791	1774484	1786274	0.94	cps
Zinc	66-2	578631	576641	580487	578587	0.33	cps
Zirconium	90-1	3444468	3440914	3472562	3452648	0.50	cps
Zirconium	91-1	706120	717228	726665	716671	1.43	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : S05 Instrumnet Name : P8
Client Sample ID : S05 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 13:33:02 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	317194	320771	320202	319389	0.60	cps
Antimony	121-1	3871149	3859279	3807478	3845969	0.88	cps
Arsenic	75-2	65806	66060	66168	66011	0.28	cps
Barium	135-1	4989536	4934106	4886636	4936759	1.04	cps
Barium	137-1	8493217	8516877	8452754	8487616	0.38	cps
Beryllium	9-1	1363693	1381004	1375586	1373428	0.64	cps
Bismuth	209-1	10809010	11304368	11392886	11168755	2.82	cps
Bismuth	209-2	4240333	3999992	4198506	4146277	3.10	cps
Bromine	81-1	6518	6815	6838	6724	2.65	cps
Cadmium	108-1	78656	78603	77204	78154	1.05	cps
Cadmium	106-1	116631	118032	117165	117276	0.60	cps
Cadmium	111-1	905869	914181	919612	913221	0.76	cps
Calcium	43-1	1424040	1428029	1418570	1423546	0.33	cps
Calcium	44-1	22633624	22841926	22935027	22803526	0.68	cps
Carbon	12-1	3357595	3399157	3418368	3391707	0.92	cps
Carbon	12-2	23869	23839	23883	23864	0.09	cps
Chlorine	35-1	94834	96328	96743	95968	1.05	cps
Chlorine	35-2	390	413	297	367	16.84	cps
Chromium	52-2	766736	776272	767494	770167	0.69	cps
Cobalt	59-2	1525991	1510866	1490750	1509202	1.17	cps
Copper	63-2	11235531	11205107	11097083	11179240	0.65	cps
Dysprosium	156-1	113	140	153	136	15.02	cps
Dysprosium	156-2	17	27	3	16	75.27	cps
Erbium	164-1	143	130	167	147	12.65	cps
Erbium	164-2	30	37	30	32	11.95	cps
Gadolinium	160-1	133	100	130	121	15.16	cps
Gadolinium	160-2	23	40	33	32	26.04	cps
Holmium	165-1	17694621	18843309	19022085	18520005	3.89	cps
Holmium	165-2	6079967	5687205	6091918	5953030	3.87	cps
Indium	115-1	13423775	14071618	14224652	13906682	3.06	cps
Indium	115-2	1300241	1229727	1301088	1277019	3.21	cps
Iron	54-2	1674607	1739484	1655354	1689815	2.61	cps
Iron	56-2	30433320	30263803	30124265	30273796	0.51	cps
Iron	57-2	721199	727461	727353	725337	0.49	cps
Krypton	83-1	213	143	173	177	19.88	cps
Lead	206-1	15947399	16128998	16006732	16027710	0.58	cps

LB Number :	LB134353	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2025-01-20 13:33:02	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	13622730	13768793	13824833	13738785	0.76	cps
Lead	208-1	63098511	63784248	63306193	63396317	0.55	cps
Lithium	6-1	6972469	7198333	7248100	7139634	2.06	cps
Magnesium	24-2	5715263	5843089	5824087	5794147	1.19	cps
Manganese	55-2	3486770	3533329	3462677	3494259	1.03	cps
Molybdenum	94-1	13630271	13771272	13685866	13695803	0.52	cps
Molybdenum	95-1	19595340	19857844	19846933	19766706	0.75	cps
Molybdenum	96-1	21534742	21398639	21519871	21484417	0.35	cps
Molybdenum	97-1	12137309	12147044	12232789	12172381	0.43	cps
Molybdenum	98-1	31742192	32023727	31927865	31897928	0.45	cps
Neodymium	150-1	507	403	507	472	12.63	cps
Neodymium	150-2	23	20	7	17	52.90	cps
Nickel	60-2	390557	394786	394018	393120	0.57	cps
Phosphorus	31-2	14054	14624	14731	14470	2.52	cps
Potassium	39-2	1647934	1662212	1613039	1641061	1.54	cps
Rhodium	103-1	12183519	12726197	12973536	12627751	3.20	cps
Rhodium	103-2	4600875	4430485	4657636	4562999	2.59	cps
Scandium	45-1	9600893	10263247	10463789	10109310	4.47	cps
Scandium	45-2	175568	168091	174013	172557	2.29	cps
Selenium	82-1	60179	60584	60688	60484	0.44	cps
Selenium	77-2	1017	1060	1033	1037	2.11	cps
Selenium	78-2	3347	3097	3267	3237	3.94	cps
Silicon	28-1	10910757	10835815	10856134	10867569	0.36	cps
Silver	107-1	5090302	5237842	5076758	5134968	1.74	cps
Silver	109-1	4941469	4889246	4907819	4912845	0.54	cps
Sodium	23-2	11337824	11504672	11252946	11365147	1.13	cps
Strontium	86-1	1303043	1318474	1322082	1314533	0.77	cps
Strontium	88-1	11892962	11908631	11891694	11897762	0.08	cps
Sulfur	34-1	875569	875398	873052	874673	0.16	cps
Terbium	159-1	17915512	19154811	19261031	18777118	3.98	cps
Terbium	159-2	5828372	5589334	5885161	5767622	2.72	cps
Thallium	203-1	4162814	4136427	4178392	4159211	0.51	cps
Thallium	205-1	9644067	9826253	9679687	9716669	0.99	cps
Tin	118-1	3326094	3352821	3343699	3340872	0.41	cps
Titanium	47-1	6048815	6097479	6082500	6076265	0.41	cps
Uranium	238-1	12664401	12621378	12719259	12668346	0.39	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : S05 Instrumnet Name : P8
Client Sample ID : S05 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 13:33:02 DataFile Name : 009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	596349	601670	593252	597090	0.71	cps
Ytterbium	172-1	113	163	193	157	25.80	cps
Ytterbium	172-2	73	47	53	58	24.02	cps
Ytterbium	176-1	19651	19752	19938	19780	0.74	cps
Ytterbium	176-2	6228	6282	6172	6227	0.88	cps
Yttrium	89-1	24856475	25714795	26036760	25536010	2.39	cps
Yttrium	89-2	1808607	1730572	1784316	1774498	2.25	cps
Zinc	66-2	1135683	1145204	1135257	1138715	0.49	cps
Zirconium	90-1	6823679	6841417	6794717	6819938	0.35	cps
Zirconium	91-1	1514318	1511815	1520085	1515406	0.28	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : S06 Instrumnet Name : P8
Client Sample ID : S06 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 13:35:55 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	640029	637789	643513	640444	0.45	cps
Antimony	121-1	7728349	7705124	7762824	7732099	0.38	cps
Arsenic	75-2	132866	134393	134010	133757	0.59	cps
Barium	135-1	9694788	9969499	10026668	9896985	1.79	cps
Barium	137-1	16901174	17211700	17075709	17062861	0.91	cps
Beryllium	9-1	2615528	2631286	2606443	2617752	0.48	cps
Bismuth	209-1	10802462	10874230	10883983	10853558	0.41	cps
Bismuth	209-2	4109962	4058358	4044934	4071085	0.84	cps
Bromine	81-1	6942	7279	7135	7119	2.37	cps
Cadmium	108-1	154434	156729	157839	156334	1.11	cps
Cadmium	106-1	222508	223739	227243	224497	1.09	cps
Cadmium	111-1	1924299	1939302	1952196	1938599	0.72	cps
Calcium	43-1	2802273	2827779	2869838	2833297	1.20	cps
Calcium	44-1	44693479	45409701	46017539	45373573	1.46	cps
Carbon	12-1	3539971	3640447	3606997	3595805	1.42	cps
Carbon	12-2	25843	26163	26641	26216	1.53	cps
Chlorine	35-1	103943	106270	106944	105719	1.49	cps
Chlorine	35-2	480	370	413	421	13.16	cps
Chromium	52-2	1645415	1623135	1625487	1631346	0.75	cps
Cobalt	59-2	2975866	3027948	3002774	3002196	0.87	cps
Copper	63-2	22308011	21890526	22145357	22114631	0.95	cps
Dysprosium	156-1	243	207	197	216	11.40	cps
Dysprosium	156-2	17	30	33	27	33.06	cps
Erbium	164-1	160	197	187	181	10.47	cps
Erbium	164-2	63	40	57	53	22.53	cps
Gadolinium	160-1	120	140	117	126	10.05	cps
Gadolinium	160-2	63	50	47	53	16.53	cps
Holmium	165-1	18545981	18320482	18415857	18427440	0.61	cps
Holmium	165-2	6110094	5966459	5974420	6016991	1.34	cps
Indium	115-1	13728247	13654279	13565122	13649216	0.60	cps
Indium	115-2	1265069	1271434	1273777	1270093	0.35	cps
Iron	54-2	3401215	3320884	3328158	3350086	1.33	cps
Iron	56-2	59983969	60223021	59564279	59923756	0.56	cps
Iron	57-2	1501293	1566511	1502304	1523369	2.45	cps
Krypton	83-1	250	213	170	211	18.97	cps
Lead	206-1	31449170	31834658	31965345	31749724	0.85	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : S06 Instrumnet Name : P8
Client Sample ID : S06 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 13:35:55 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	26966037	27837432	27774253	27525907	1.77	cps
Lead	208-1	124677766	127116376	127368902	126387681	1.18	cps
Lithium	6-1	6916348	6786775	6735066	6812730	1.37	cps
Magnesium	24-2	11538968	11617869	11649436	11602091	0.49	cps
Manganese	55-2	6985200	6913869	6890550	6929873	0.71	cps
Molybdenum	94-1	27159478	27459548	27712467	27443831	1.01	cps
Molybdenum	95-1	39454948	39709520	39853099	39672522	0.51	cps
Molybdenum	96-1	42879476	43122631	43504674	43168927	0.73	cps
Molybdenum	97-1	24319019	24259715	24458964	24345899	0.42	cps
Molybdenum	98-1	63106574	63834369	64344016	63761653	0.98	cps
Neodymium	150-1	740	833	887	820	9.05	cps
Neodymium	150-2	37	37	37	37	0.00	cps
Nickel	60-2	766111	764728	773190	768010	0.59	cps
Phosphorus	31-2	29256	29396	28695	29116	1.27	cps
Potassium	39-2	3295220	3298765	3254544	3282843	0.75	cps
Rhodium	103-1	12389339	12137759	12394431	12307176	1.19	cps
Rhodium	103-2	4485059	4522655	4550257	4519323	0.72	cps
Scandium	45-1	10070817	9965669	9949389	9995292	0.66	cps
Scandium	45-2	172593	174047	174114	173585	0.50	cps
Selenium	82-1	119210	121189	119902	120101	0.84	cps
Selenium	77-2	1800	1913	1883	1866	3.15	cps
Selenium	78-2	6742	6755	6542	6679	1.79	cps
Silicon	28-1	21360597	21136460	21134372	21210476	0.61	cps
Silver	107-1	10039755	10338983	10447682	10275473	2.06	cps
Silver	109-1	9632366	9563154	9847540	9681020	1.53	cps
Sodium	23-2	23092035	22820348	22497007	22803130	1.31	cps
Strontium	86-1	2788002	2832478	2870476	2830319	1.46	cps
Strontium	88-1	23706124	24140035	24526989	24124383	1.70	cps
Sulfur	34-1	1188987	1196317	1164432	1183246	1.41	cps
Terbium	159-1	18770476	18739959	18803567	18771334	0.17	cps
Terbium	159-2	5805379	5791382	5942517	5846426	1.43	cps
Thallium	203-1	8137733	8195804	8157709	8163749	0.36	cps
Thallium	205-1	19265373	19590914	19467032	19441107	0.85	cps
Tin	118-1	6648231	6574900	6598539	6607223	0.57	cps
Titanium	47-1	11972841	12300818	12182996	12152218	1.37	cps
Uranium	238-1	24966210	25610915	25803751	25460292	1.72	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : S06 Instrumnet Name : P8
Client Sample ID : S06 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 13:35:55 DataFile Name : 010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1199309	1203337	1198181	1200276	0.23	cps
Ytterbium	172-1	197	190	193	193	1.72	cps
Ytterbium	172-2	63	73	77	71	9.76	cps
Ytterbium	176-1	37520	37486	37958	37655	0.70	cps
Ytterbium	176-2	12159	12246	12199	12201	0.36	cps
Yttrium	89-1	25408617	25257057	25517019	25394231	0.51	cps
Yttrium	89-2	1756652	1727612	1763943	1749402	1.10	cps
Zinc	66-2	2410946	2355336	2411515	2392599	1.35	cps
Zirconium	90-1	13558896	13885794	13889461	13778050	1.38	cps
Zirconium	91-1	3000847	3091732	3079065	3057215	1.61	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : S07 Instrumnet Name : P8
Client Sample ID : S07 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 13:38:40 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1357084	1312536	1302388	1324003	2.20	cps
Antimony	121-1	14900933	15271941	15109521	15094132	1.23	cps
Arsenic	75-2	262964	260682	260228	261291	0.56	cps
Barium	135-1	19360462	19675133	19427204	19487600	0.85	cps
Barium	137-1	33741332	33893185	33467308	33700608	0.64	cps
Beryllium	9-1	4874521	4970284	4913578	4919461	0.98	cps
Bismuth	209-1	10571699	10668778	10667995	10636158	0.52	cps
Bismuth	209-2	4027588	3961614	4004112	3997772	0.84	cps
Bromine	81-1	7539	7352	7232	7374	2.10	cps
Cadmium	108-1	298524	303010	297550	299695	0.97	cps
Cadmium	106-1	429515	432743	428109	430122	0.55	cps
Cadmium	111-1	3752028	3758910	3700952	3737297	0.85	cps
Calcium	43-1	5536520	5590871	5622160	5583184	0.78	cps
Calcium	44-1	89220715	89933155	90684989	89946286	0.81	cps
Carbon	12-1	3928825	4013980	4133435	4025413	2.55	cps
Carbon	12-2	30348	30094	30131	30191	0.45	cps
Chlorine	35-1	122563	124903	128107	125191	2.22	cps
Chlorine	35-2	460	480	507	482	4.86	cps
Chromium	52-2	3208070	3224496	3150849	3194472	1.21	cps
Cobalt	59-2	5806700	5805858	5755130	5789229	0.51	cps
Copper	63-2	42788201	42463984	42725143	42659109	0.40	cps
Dysprosium	156-1	350	450	347	382	15.36	cps
Dysprosium	156-2	57	37	67	53	28.64	cps
Erbium	164-1	377	253	287	306	20.88	cps
Erbium	164-2	73	70	57	67	13.22	cps
Gadolinium	160-1	270	240	237	249	7.38	cps
Gadolinium	160-2	47	30	73	50	43.71	cps
Holmium	165-1	18515438	18334348	18407409	18419065	0.49	cps
Holmium	165-2	6057764	6038960	5991968	6029564	0.56	cps
Indium	115-1	13373291	13385984	13359467	13372914	0.10	cps
Indium	115-2	1230083	1226216	1243356	1233218	0.73	cps
Iron	54-2	6506319	6494116	6449632	6483356	0.46	cps
Iron	56-2	116491842	115895115	116144212	116177056	0.26	cps
Iron	57-2	3005868	2998385	3005289	3003181	0.14	cps
Krypton	83-1	213	227	227	222	3.46	cps
Lead	206-1	62543582	62340601	63248971	62711051	0.76	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : S07 Instrumnet Name : P8
Client Sample ID : S07 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 13:38:40 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	53786836	54168121	54079641	54011533	0.37	cps
Lead	208-1	245932853	249739150	249093326	248255110	0.82	cps
Lithium	6-1	6681198	6535266	6690401	6635622	1.31	cps
Magnesium	24-2	22869130	22606023	22643376	22706176	0.63	cps
Manganese	55-2	13509693	13471996	13362306	13447998	0.57	cps
Molybdenum	94-1	54510824	54262571	54818616	54530670	0.51	cps
Molybdenum	95-1	78008929	78750589	79113302	78624273	0.72	cps
Molybdenum	96-1	84818440	86070484	87559395	86149440	1.59	cps
Molybdenum	97-1	48803969	48577626	49812179	49064591	1.34	cps
Molybdenum	98-1	128041178	127541518	127112998	127565231	0.36	cps
Neodymium	150-1	1517	1507	1683	1569	6.33	cps
Neodymium	150-2	53	67	60	60	11.12	cps
Nickel	60-2	1639939	1597969	1619450	1619119	1.30	cps
Phosphorus	31-2	57055	56426	56757	56746	0.55	cps
Potassium	39-2	6502431	6409076	6426741	6446083	0.77	cps
Rhodium	103-1	12235882	12117235	12126116	12159744	0.54	cps
Rhodium	103-2	4455672	4470532	4413927	4446710	0.66	cps
Scandium	45-1	9879398	10077245	10012980	9989874	1.01	cps
Scandium	45-2	175969	175693	176769	176144	0.32	cps
Selenium	82-1	232611	237336	236645	235531	1.08	cps
Selenium	77-2	3727	3881	3854	3821	2.14	cps
Selenium	78-2	12983	13029	13173	13062	0.76	cps
Silicon	28-1	40186862	40161655	40218414	40188977	0.07	cps
Silver	107-1	19630201	19822083	19463488	19638591	0.91	cps
Silver	109-1	18178954	18614365	18568333	18453884	1.30	cps
Sodium	23-2	45444661	44762761	44500416	44902613	1.09	cps
Strontium	86-1	5515353	5513427	5634148	5554310	1.24	cps
Strontium	88-1	47405021	47614349	47987551	47668974	0.62	cps
Sulfur	34-1	1850195	1884439	1874365	1869666	0.94	cps
Terbium	159-1	18782098	18796804	18863133	18814012	0.23	cps
Terbium	159-2	5843171	5904761	5881384	5876439	0.53	cps
Thallium	203-1	15884938	15887596	15928369	15900301	0.15	cps
Thallium	205-1	38049379	38282398	38560897	38297558	0.67	cps
Tin	118-1	12860220	12939531	12982178	12927310	0.48	cps
Titanium	47-1	23993007	23881974	24159690	24011557	0.58	cps
Uranium	238-1	49720909	50274759	49871843	49955837	0.57	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : S07 Instrumnet Name : P8
Client Sample ID : S07 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 13:38:40 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	2495628	2525096	2514146	2511623	0.59	cps
Ytterbium	172-1	240	313	240	264	16.01	cps
Ytterbium	172-2	117	120	143	127	11.47	cps
Ytterbium	176-1	72477	71877	72025	72127	0.43	cps
Ytterbium	176-2	23705	23758	23514	23659	0.54	cps
Yttrium	89-1	25484997	25101370	25515735	25367368	0.91	cps
Yttrium	89-2	1775820	1759059	1807029	1780636	1.37	cps
Zinc	66-2	4531976	4469036	4547241	4516085	0.92	cps
Zirconium	90-1	27373209	27340005	27587779	27433664	0.49	cps
Zirconium	91-1	6008884	6078409	6152200	6079831	1.18	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : S08 Instrumnet Name : P8
Client Sample ID : S08 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 13:41:27 DataFile Name : 012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5887049	5844330	5940475	5890618	0.82	cps
Antimony	121-1	9257	8663	8226	8715	5.94	cps
Arsenic	75-2	97	100	97	98	1.97	cps
Barium	135-1	7646	6928	6368	6981	9.17	cps
Barium	137-1	13664	12486	11522	12557	8.54	cps
Beryllium	9-1	1422	1166	1096	1228	13.98	cps
Bismuth	209-1	8808521	8641610	8614932	8688355	1.21	cps
Bismuth	209-2	3307098	3325153	3362073	3331441	0.84	cps
Bromine	81-1	7225	7375	7836	7479	4.25	cps
Cadmium	108-1	170	173	133	159	13.97	cps
Cadmium	106-1	7339	6908	7392	7213	3.68	cps
Cadmium	111-1	2242	2127	2165	2178	2.69	cps
Calcium	43-1	24381195	24017029	23782946	24060390	1.25	cps
Calcium	44-1	391673714	385491608	382555368	386573563	1.20	cps
Carbon	12-1	4857258	5864106	6346729	5689365	13.36	cps
Carbon	12-2	54711	55190	54808	54903	0.46	cps
Chlorine	35-1	79832	78183	77938	78651	1.31	cps
Chlorine	35-2	330	323	353	336	4.69	cps
Chromium	52-2	7517	6988	7073	7193	3.95	cps
Cobalt	59-2	10257	9954	9810	10007	2.28	cps
Copper	63-2	9843	9847	9216	9636	3.77	cps
Dysprosium	156-1	587	513	550	550	6.67	cps
Dysprosium	156-2	187	160	187	178	8.66	cps
Erbium	164-1	540	657	567	588	10.40	cps
Erbium	164-2	227	173	197	199	13.44	cps
Gadolinium	160-1	507	527	560	531	5.07	cps
Gadolinium	160-2	140	217	210	189	22.48	cps
Holmium	165-1	16538586	16272701	15933516	16248268	1.87	cps
Holmium	165-2	5477903	5474892	5435788	5462861	0.43	cps
Indium	115-1	11726928	11422697	11410892	11520172	1.56	cps
Indium	115-2	1118608	1112629	1112369	1114535	0.32	cps
Iron	54-2	26771473	26893895	26839156	26834841	0.23	cps
Iron	56-2	500501073	495037633	489874886	495137864	1.07	cps
Iron	57-2	12536245	12554542	12394518	12495102	0.70	cps
Krypton	83-1	373	300	330	334	11.02	cps
Lead	206-1	17675	16951	15726	16784	5.87	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : S08 Instrumnet Name : P8
Client Sample ID : S08 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 13:41:27 DataFile Name : 012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	15132	14285	12990	14136	7.63	cps
Lead	208-1	70559	65190	60976	65575	7.32	cps
Lithium	6-1	5617090	5638062	5661693	5638948	0.40	cps
Magnesium	24-2	91140819	90954909	90976499	91024075	0.11	cps
Manganese	55-2	4077	3864	3721	3887	4.62	cps
Molybdenum	94-1	13063	11672	10354	11696	11.58	cps
Molybdenum	95-1	12039	10404	9136	10526	13.82	cps
Molybdenum	96-1	16817	14918	13380	15038	11.45	cps
Molybdenum	97-1	6048	4884	4091	5008	19.66	cps
Molybdenum	98-1	15659	12289	10090	12679	22.12	cps
Neodymium	150-1	357	320	347	341	5.56	cps
Neodymium	150-2	53	47	80	60	29.40	cps
Nickel	60-2	6562	6248	6288	6366	2.68	cps
Phosphorus	31-2	93	133	83	103	25.61	cps
Potassium	39-2	29029172	28679025	28825820	28844672	0.61	cps
Rhodium	103-1	9996295	9960529	9918211	9958345	0.39	cps
Rhodium	103-2	3660344	3679755	3582614	3640904	1.41	cps
Scandium	45-1	8693156	8594057	8440994	8576069	1.48	cps
Scandium	45-2	151246	150060	150569	150625	0.40	cps
Selenium	82-1	43	67	47	52	24.15	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	10	7	7	8	24.71	cps
Silicon	28-1	559839	536925	523506	540090	3.40	cps
Silver	107-1	2787	2344	1997	2376	16.67	cps
Silver	109-1	2747	2207	1767	2240	21.91	cps
Sodium	23-2	193195850	193203650	192878337	193092613	0.10	cps
Strontium	86-1	12806	13026	13046	12959	1.03	cps
Strontium	88-1	112894	110113	108245	110417	2.12	cps
Sulfur	34-1	348333	339024	337577	341644	1.71	cps
Terbium	159-1	16667200	16496755	16420200	16528052	0.76	cps
Terbium	159-2	5231662	5268287	5125273	5208407	1.43	cps
Thallium	203-1	2127	1510	1310	1649	25.82	cps
Thallium	205-1	5024	3684	3007	3905	26.29	cps
Tin	118-1	3784	3050	3094	3309	12.44	cps
Titanium	47-1	7979	7685	7242	7635	4.86	cps
Uranium	238-1	3431	2254	1523	2403	40.05	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : S08 Instrumnet Name : P8
Client Sample ID : S08 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 13:41:27 DataFile Name : 012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	397	350	387	378	6.50	cps
Ytterbium	172-1	823	627	750	733	13.55	cps
Ytterbium	172-2	323	250	243	272	16.31	cps
Ytterbium	176-1	2517	2604	2600	2574	1.91	cps
Ytterbium	176-2	473	500	500	491	3.13	cps
Yttrium	89-1	22498268	22234705	22034741	22255905	1.04	cps
Yttrium	89-2	1633484	1585400	1585738	1601541	1.73	cps
Zinc	66-2	5394	5625	5408	5476	2.36	cps
Zirconium	90-1	14401	13303	12986	13563	5.47	cps
Zirconium	91-1	3264	3027	2837	3043	7.03	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : ICV002 Instrumnet Name : P8
Client Sample ID : ICV002 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 13:45:38 DataFile Name : 013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	31384	31424	30716	31175	1.28	cps
Antimony	121-1	2851420	2860020	2935686	2882375	1.61	cps
Arsenic	75-2	52126	51972	52310	52136	0.32	cps
Barium	135-1	360622	365089	366046	363919	0.80	cps
Barium	137-1	631614	638632	642040	637429	0.83	cps
Beryllium	9-1	492397	496847	496935	495393	0.52	cps
Bismuth	209-1	10686739	10980514	10843057	10836770	1.36	cps
Bismuth	209-2	4253993	4329882	4360100	4314658	1.27	cps
Bromine	81-1	6852	6698	6872	6807	1.39	cps
Cadmium	108-1	52359	52155	51904	52139	0.44	cps
Cadmium	106-1	84057	84755	86636	85149	1.57	cps
Cadmium	111-1	351624	358891	358447	356320	1.14	cps
Calcium	43-1	115835	115993	117787	116538	0.93	cps
Calcium	44-1	1901287	1912609	1931435	1915110	0.80	cps
Carbon	12-1	3876502	3906574	3911728	3898268	0.49	cps
Carbon	12-2	26083	25359	25422	25621	1.57	cps
Chlorine	35-1	93040	94955	95465	94487	1.35	cps
Chlorine	35-2	430	450	430	437	2.64	cps
Chromium	52-2	298112	302790	303976	301626	1.03	cps
Cobalt	59-2	562002	569071	566052	565708	0.63	cps
Copper	63-2	440987	442882	442243	442037	0.22	cps
Dysprosium	156-1	37	27	53	39	34.63	cps
Dysprosium	156-2	3	10	10	8	49.52	cps
Erbium	164-1	70	87	93	83	14.43	cps
Erbium	164-2	37	13	13	21	63.83	cps
Gadolinium	160-1	77	63	77	72	10.66	cps
Gadolinium	160-2	23	13	33	23	42.86	cps
Holmium	165-1	17425044	17678643	17576104	17559930	0.73	cps
Holmium	165-2	5903027	6030038	6002682	5978582	1.12	cps
Indium	115-1	13504818	13329444	13682741	13505668	1.31	cps
Indium	115-2	1301248	1314816	1327029	1314364	0.98	cps
Iron	54-2	261408	262641	261115	261721	0.31	cps
Iron	56-2	4815995	4893920	4814593	4841503	0.94	cps
Iron	57-2	116323	116121	117267	116570	0.53	cps
Krypton	83-1	173	177	127	159	17.59	cps
Lead	206-1	2611774	2606313	2592367	2603485	0.38	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : ICV002 Instrumnet Name : P8
Client Sample ID : ICV002 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 13:45:38 DataFile Name : 013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	2168679	2147486	2153795	2156653	0.50	cps
Lead	208-1	10041152	10156702	10065103	10087652	0.60	cps
Lithium	6-1	7153239	7303575	7021579	7159464	1.97	cps
Magnesium	24-2	253392	254722	253445	253853	0.30	cps
Manganese	55-2	132060	132353	133043	132485	0.38	cps
Molybdenum	94-1	25658511	25523981	25348039	25510177	0.61	cps
Molybdenum	95-1	36618118	36871605	36682880	36724201	0.36	cps
Molybdenum	96-1	39565484	40327769	40447896	40113716	1.19	cps
Molybdenum	97-1	22426361	22682525	22598177	22569021	0.58	cps
Molybdenum	98-1	59520479	59313826	59676402	59503569	0.31	cps
Neodymium	150-1	40	60	60	53	21.65	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	156489	158619	158841	157983	0.82	cps
Phosphorus	31-2	93	77	70	80	15.02	cps
Potassium	39-2	248699	251989	251915	250868	0.75	cps
Rhodium	103-1	12568100	12592083	12560193	12573459	0.13	cps
Rhodium	103-2	4656691	4741755	4784969	4727805	1.38	cps
Scandium	45-1	9860044	9771120	9796818	9809327	0.47	cps
Scandium	45-2	171843	172639	174856	173113	0.90	cps
Selenium	82-1	45688	46511	46621	46273	1.10	cps
Selenium	77-2	720	813	823	786	7.26	cps
Selenium	78-2	2550	2447	2734	2577	5.63	cps
Silicon	28-1	5635854	5635833	5693558	5655082	0.59	cps
Silver	107-1	884922	897094	905464	895826	1.15	cps
Silver	109-1	830786	850982	855487	845752	1.56	cps
Sodium	23-2	877568	878007	880232	878603	0.16	cps
Strontium	86-1	2613588	2640941	2608091	2620874	0.67	cps
Strontium	88-1	22148300	22187065	22415118	22250161	0.65	cps
Sulfur	34-1	373853	374120	374659	374211	0.11	cps
Terbium	159-1	17874116	17833009	17999737	17902287	0.49	cps
Terbium	159-2	5867296	5833025	5947042	5882455	0.99	cps
Thallium	203-1	3182996	3163333	3148380	3164903	0.55	cps
Thallium	205-1	7414166	7406559	7458268	7426331	0.38	cps
Tin	118-1	6575432	6591866	6635630	6600976	0.47	cps
Titanium	47-1	11158571	11317072	11224238	11233294	0.71	cps
Uranium	238-1	23769361	24563215	24211125	24181234	1.64	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : ICV002 Instrumnet Name : P8
Client Sample ID : ICV002 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 13:45:38 DataFile Name : 013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	225423	226019	225799	225747	0.13	cps
Ytterbium	172-1	77	127	107	103	24.35	cps
Ytterbium	172-2	20	20	47	29	53.30	cps
Ytterbium	176-1	34057	35528	35340	34975	2.29	cps
Ytterbium	176-2	12479	11979	12566	12341	2.57	cps
Yttrium	89-1	24816410	24787429	24722875	24775571	0.19	cps
Yttrium	89-2	1758800	1792392	1799737	1783643	1.22	cps
Zinc	66-2	88822	88661	90751	89411	1.30	cps
Zirconium	90-1	13416386	13368609	13198326	13327773	0.86	cps
Zirconium	91-1	2983753	2994788	2997196	2991912	0.24	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : ICB002 Instrumnet Name : P8
Client Sample ID : ICB002 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 13:59:01 DataFile Name : 017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	73	80	63	72	11.62	cps
Antimony	121-1	183	177	150	170	10.38	cps
Arsenic	75-2	0	3	0	1	173.21	cps
Barium	135-1	503	430	443	459	8.51	cps
Barium	137-1	730	767	733	743	2.73	cps
Beryllium	9-1	479	456	480	472	2.83	cps
Bismuth	209-1	11076987	11311267	10982644	11123633	1.52	cps
Bismuth	209-2	4253205	4231345	4284132	4256227	0.62	cps
Bromine	81-1	6838	6688	6738	6755	1.13	cps
Cadmium	108-1	17	23	43	28	49.95	cps
Cadmium	106-1	8173	8279	8092	8181	1.15	cps
Cadmium	111-1	1660	1676	1615	1650	1.92	cps
Calcium	43-1	1137	1113	1063	1104	3.39	cps
Calcium	44-1	19073	19720	19767	19520	1.99	cps
Carbon	12-1	3262000	3266518	3250057	3259525	0.26	cps
Carbon	12-2	21936	21796	22471	22068	1.61	cps
Chlorine	35-1	84894	85829	87331	86018	1.43	cps
Chlorine	35-2	340	330	350	340	2.94	cps
Chromium	52-2	663	597	837	699	17.73	cps
Cobalt	59-2	113	127	133	124	8.18	cps
Copper	63-2	3300	3174	3144	3206	2.59	cps
Dysprosium	156-1	47	43	67	52	24.17	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	83	87	77	82	6.19	cps
Erbium	164-2	20	20	30	23	24.74	cps
Gadolinium	160-1	103	113	60	92	30.74	cps
Gadolinium	160-2	27	13	37	26	45.82	cps
Holmium	165-1	17451619	18274144	17578272	17768012	2.49	cps
Holmium	165-2	5963263	5847077	5964815	5925052	1.14	cps
Indium	115-1	13711873	14051759	13853656	13872429	1.23	cps
Indium	115-2	1298204	1280632	1314662	1297832	1.31	cps
Iron	54-2	397	313	350	353	11.82	cps
Iron	56-2	4594	4551	5078	4741	6.17	cps
Iron	57-2	130	97	80	102	24.90	cps
Krypton	83-1	213	147	147	169	22.79	cps
Lead	206-1	2067	1944	1833	1948	5.99	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : ICB002 Instrumnet Name : P8
Client Sample ID : ICB002 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 13:59:01 DataFile Name : 017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1693	1650	1647	1663	1.57	cps
Lead	208-1	7871	7428	7691	7663	2.91	cps
Lithium	6-1	7543617	7452158	7449935	7481903	0.71	cps
Magnesium	24-2	373	423	367	388	7.99	cps
Manganese	55-2	153	190	187	177	11.47	cps
Molybdenum	94-1	383	413	450	416	8.04	cps
Molybdenum	95-1	263	250	293	269	8.25	cps
Molybdenum	96-1	290	300	310	300	3.33	cps
Molybdenum	97-1	150	147	123	140	10.38	cps
Molybdenum	98-1	350	297	340	329	8.62	cps
Neodymium	150-1	37	30	27	31	16.37	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	1117	1020	1250	1129	10.23	cps
Phosphorus	31-2	73	67	63	68	7.51	cps
Potassium	39-2	8833	8249	8202	8428	4.17	cps
Rhodium	103-1	12854767	12999309	12916480	12923519	0.56	cps
Rhodium	103-2	4727123	4594889	4674947	4665653	1.43	cps
Scandium	45-1	9928604	10114311	9841280	9961398	1.40	cps
Scandium	45-2	169850	167878	169567	169098	0.63	cps
Selenium	82-1	-77	17	-13	-24	-194.95	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	20	0	7	9	114.55	cps
Silicon	28-1	426117	425655	426359	426044	0.08	cps
Silver	107-1	400	293	353	349	15.33	cps
Silver	109-1	250	237	250	246	3.14	cps
Sodium	23-2	26838	25906	26194	26313	1.81	cps
Strontium	86-1	317	277	340	311	10.30	cps
Strontium	88-1	587	533	520	547	6.45	cps
Sulfur	34-1	429754	427661	429112	428843	0.25	cps
Terbium	159-1	18212358	18536875	18159521	18302918	1.12	cps
Terbium	159-2	5747732	5657164	5826839	5743912	1.48	cps
Thallium	203-1	467	453	383	434	10.30	cps
Thallium	205-1	1083	1080	1010	1058	3.92	cps
Tin	118-1	1720	1597	1717	1678	4.19	cps
Titanium	47-1	140	173	170	161	11.40	cps
Uranium	238-1	60	57	67	61	8.33	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : ICB002 Instrumnet Name : P8
Client Sample ID : ICB002 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 13:59:01 DataFile Name : 017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	10	13	7	10	33.30	cps
Ytterbium	172-1	127	97	97	107	16.24	cps
Ytterbium	172-2	20	37	47	34	39.11	cps
Ytterbium	176-1	2350	2534	2497	2460	3.94	cps
Ytterbium	176-2	277	363	340	327	13.73	cps
Yttrium	89-1	25064907	25556195	24819255	25146786	1.49	cps
Yttrium	89-2	1791809	1700944	1780626	1757793	2.82	cps
Zinc	66-2	453	357	470	427	14.34	cps
Zirconium	90-1	933	950	960	948	1.42	cps
Zirconium	91-1	170	163	193	176	8.97	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : ICSA002 Instrumnet Name : P8
Client Sample ID : ICSA002 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 14:02:26 DataFile Name : 018ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6275677	6031118	6157123	6154640	1.99	cps
Antimony	121-1	15843	15576	15529	15649	1.08	cps
Arsenic	75-2	97	70	83	83	16.00	cps
Barium	135-1	5771	5721	5378	5623	3.81	cps
Barium	137-1	9630	9620	9874	9708	1.48	cps
Beryllium	9-1	1755	1732	1646	1711	3.35	cps
Bismuth	209-1	10084257	10128897	10058575	10090576	0.35	cps
Bismuth	209-2	3802859	3854700	3858839	3838799	0.81	cps
Bromine	81-1	8199	8736	9226	8721	5.89	cps
Cadmium	108-1	4801	4751	4351	4634	5.32	cps
Cadmium	106-1	7922	7572	7382	7626	3.59	cps
Cadmium	111-1	3845	3723	3772	3780	1.62	cps
Calcium	43-1	5431716	5466036	5548715	5482155	1.10	cps
Calcium	44-1	87632769	88956719	88933049	88507512	0.86	cps
Carbon	12-1	41395559	42150799	42487070	42011143	1.33	cps
Carbon	12-2	290979	284050	289331	288120	1.26	cps
Chlorine	35-1	69578497	74167002	75741306	73162268	4.38	cps
Chlorine	35-2	303880	305509	307418	305602	0.58	cps
Chromium	52-2	59121	59748	59975	59615	0.74	cps
Cobalt	59-2	6448	6448	6381	6426	0.60	cps
Copper	63-2	35057	35277	35180	35171	0.31	cps
Dysprosium	156-1	90	137	73	100	32.83	cps
Dysprosium	156-2	30	30	7	22	60.61	cps
Erbium	164-1	170	133	117	140	19.49	cps
Erbium	164-2	33	43	37	38	13.48	cps
Gadolinium	160-1	123	140	120	128	8.39	cps
Gadolinium	160-2	53	53	47	51	7.52	cps
Holmium	165-1	17958468	17978010	17753558	17896679	0.69	cps
Holmium	165-2	5915921	5980128	5885516	5927188	0.81	cps
Indium	115-1	13261834	13087981	13067648	13139154	0.81	cps
Indium	115-2	1240547	1263820	1233423	1245930	1.28	cps
Iron	54-2	12812356	12816350	12944129	12857612	0.58	cps
Iron	56-2	239504363	237617943	236888036	238003448	0.57	cps
Iron	57-2	6055363	5972954	6135102	6054473	1.34	cps
Krypton	83-1	217	167	197	193	13.02	cps
Lead	206-1	55726	54239	55167	55044	1.36	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : ICSA002 Instrumnet Name : P8
Client Sample ID : ICSA002 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 14:02:26 DataFile Name : 018ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	42831	43419	44295	43515	1.69	cps
Lead	208-1	205614	205920	206672	206069	0.26	cps
Lithium	6-1	6759032	6668908	6565533	6664491	1.45	cps
Magnesium	24-2	21879845	21339967	21531911	21583907	1.27	cps
Manganese	55-2	9757	9803	10371	9977	3.42	cps
Molybdenum	94-1	8612088	8678213	8706261	8665520	0.56	cps
Molybdenum	95-1	15352463	15276085	15368085	15332211	0.32	cps
Molybdenum	96-1	16337264	16380527	16611165	16442985	0.90	cps
Molybdenum	97-1	9446825	9343365	9548156	9446116	1.08	cps
Molybdenum	98-1	24620887	24363580	24811475	24598647	0.91	cps
Neodymium	150-1	93	113	127	111	15.10	cps
Neodymium	150-2	13	13	20	16	24.76	cps
Nickel	60-2	9110	8903	9246	9086	1.90	cps
Phosphorus	31-2	292195	288868	295642	292235	1.16	cps
Potassium	39-2	13010568	12830198	12979690	12940152	0.75	cps
Rhodium	103-1	11971060	11808079	11872346	11883829	0.69	cps
Rhodium	103-2	4314371	4446885	4324050	4361769	1.69	cps
Scandium	45-1	9787120	9693368	9805084	9761857	0.61	cps
Scandium	45-2	171520	173929	169861	171770	1.19	cps
Selenium	82-1	-23	110	63	50	135.31	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	17	3	10	10	66.70	cps
Silicon	28-1	706080	704875	710376	707110	0.41	cps
Silver	107-1	1337	1163	1293	1265	7.13	cps
Silver	109-1	1200	1060	1057	1106	7.40	cps
Sodium	23-2	45459394	44370879	44942441	44924238	1.21	cps
Strontium	86-1	168277	170927	168778	169327	0.83	cps
Strontium	88-1	1563311	1560821	1554331	1559488	0.30	cps
Sulfur	34-1	7484968	7480324	7507732	7491008	0.20	cps
Terbium	159-1	18143890	17816363	18096619	18018958	0.98	cps
Terbium	159-2	5747567	5810324	5632182	5730024	1.58	cps
Thallium	203-1	2014	2267	2344	2208	7.82	cps
Thallium	205-1	4601	5301	5254	5052	7.75	cps
Tin	118-1	3737	3524	3694	3652	3.09	cps
Titanium	47-1	4860458	4915349	4913855	4896554	0.64	cps
Uranium	238-1	807	850	807	821	3.05	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : ICSA002 Instrumnet Name : P8
Client Sample ID : ICSA002 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 14:02:26 DataFile Name : 018ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	250	343	317	303	15.85	cps
Ytterbium	172-1	83	117	110	103	17.07	cps
Ytterbium	172-2	43	40	37	40	8.32	cps
Ytterbium	176-1	2194	2290	2354	2279	3.54	cps
Ytterbium	176-2	313	353	350	339	6.55	cps
Yttrium	89-1	25457728	25237454	24737957	25144380	1.47	cps
Yttrium	89-2	1745158	1747417	1739376	1743983	0.24	cps
Zinc	66-2	5104	5234	5138	5159	1.31	cps
Zirconium	90-1	1157	1170	1253	1193	4.39	cps
Zirconium	91-1	207	283	283	258	17.17	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : ICSAB002 Instrumnet Name : P8
Client Sample ID : ICSAB002 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 14:07:31 DataFile Name : 019ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6524082	6597778	6527983	6549948	0.63	cps
Antimony	121-1	305512	307883	310109	307835	0.75	cps
Arsenic	75-2	5508	5591	5615	5571	1.01	cps
Barium	135-1	81399	83656	84391	83148	1.87	cps
Barium	137-1	145806	147298	148106	147070	0.79	cps
Beryllium	9-1	102507	103058	101700	102422	0.67	cps
Bismuth	209-1	10386886	10601290	10586553	10524910	1.14	cps
Bismuth	209-2	3929682	3882631	3937961	3916758	0.76	cps
Bromine	81-1	8746	9540	9560	9282	5.00	cps
Cadmium	108-1	9613	9443	9800	9619	1.86	cps
Cadmium	106-1	14371	13680	14861	14304	4.15	cps
Cadmium	111-1	73564	76137	74819	74840	1.72	cps
Calcium	43-1	5772194	5728473	5861591	5787419	1.17	cps
Calcium	44-1	92608859	93029592	93554675	93064375	0.51	cps
Carbon	12-1	43561598	45012541	44943866	44506002	1.84	cps
Carbon	12-2	309931	306848	311936	309572	0.83	cps
Chlorine	35-1	78085391	80988909	83227667	80767322	3.19	cps
Chlorine	35-2	330729	329606	329513	329949	0.21	cps
Chromium	52-2	125932	126416	125525	125957	0.35	cps
Cobalt	59-2	122448	122020	123201	122556	0.49	cps
Copper	63-2	123326	124601	124732	124219	0.62	cps
Dysprosium	156-1	77	63	97	79	21.27	cps
Dysprosium	156-2	33	17	23	24	34.31	cps
Erbium	164-1	117	147	170	144	18.51	cps
Erbium	164-2	43	47	43	44	4.34	cps
Gadolinium	160-1	133	97	130	120	16.90	cps
Gadolinium	160-2	47	30	33	37	24.06	cps
Holmium	165-1	18267790	18842538	18718108	18609479	1.62	cps
Holmium	165-2	6084086	6061828	6001499	6049138	0.71	cps
Indium	115-1	13626951	13965294	13753375	13781873	1.24	cps
Indium	115-2	1312671	1296032	1294110	1300938	0.78	cps
Iron	54-2	13712402	13651421	13421314	13595045	1.13	cps
Iron	56-2	252229896	251222036	248958430	250803454	0.67	cps
Iron	57-2	6327327	6286049	6294723	6302700	0.35	cps
Krypton	83-1	190	180	197	189	4.44	cps
Lead	206-1	297029	302046	300454	299843	0.85	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : ICSAB002 Instrumnet Name : P8
Client Sample ID : ICSAB002 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 14:07:31 DataFile Name : 019ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	249007	252293	253275	251525	0.89	cps
Lead	208-1	1153136	1172845	1178622	1168201	1.14	cps
Lithium	6-1	6751249	6842406	6779158	6790937	0.69	cps
Magnesium	24-2	23122055	22782903	23160990	23021983	0.90	cps
Manganese	55-2	38094	37429	37563	37695	0.93	cps
Molybdenum	94-1	8999263	9122180	9109401	9076948	0.74	cps
Molybdenum	95-1	15839503	16321031	16074967	16078500	1.50	cps
Molybdenum	96-1	16904920	17464070	17162716	17177235	1.63	cps
Molybdenum	97-1	9737394	9973926	9955155	9888825	1.33	cps
Molybdenum	98-1	25567890	25661906	25789438	25673078	0.43	cps
Neodymium	150-1	100	93	103	99	5.15	cps
Neodymium	150-2	37	20	10	22	60.63	cps
Nickel	60-2	40835	40708	40023	40522	1.08	cps
Phosphorus	31-2	311604	308937	307763	309435	0.64	cps
Potassium	39-2	13643334	13462718	13802249	13636100	1.25	cps
Rhodium	103-1	12070590	12439008	12396221	12301940	1.64	cps
Rhodium	103-2	4518997	4478145	4491640	4496261	0.46	cps
Scandium	45-1	10166197	10351919	10397742	10305286	1.19	cps
Scandium	45-2	182718	179765	182138	181541	0.86	cps
Selenium	82-1	4898	5101	5028	5009	2.06	cps
Selenium	77-2	83	90	57	77	23.00	cps
Selenium	78-2	293	303	263	287	7.26	cps
Silicon	28-1	753958	763076	764688	760574	0.76	cps
Silver	107-1	351448	361660	362656	358588	1.73	cps
Silver	109-1	345597	347391	349144	347377	0.51	cps
Sodium	23-2	48237818	47939136	47505129	47894028	0.77	cps
Strontium	86-1	175183	178993	177140	177105	1.08	cps
Strontium	88-1	1633845	1645594	1626540	1635326	0.59	cps
Sulfur	34-1	7803747	7852584	7790839	7815723	0.42	cps
Terbium	159-1	18674537	19239128	19152943	19022203	1.60	cps
Terbium	159-2	5887570	5908428	5914688	5903562	0.24	cps
Thallium	203-1	299781	306191	306213	304062	1.22	cps
Thallium	205-1	719525	737159	739561	732082	1.49	cps
Tin	118-1	3050	3794	3774	3540	11.97	cps
Titanium	47-1	5196726	5153422	5193906	5181352	0.47	cps
Uranium	238-1	893	863	857	871	2.24	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : ICSAB002 Instrumnet Name : P8
Client Sample ID : ICSAB002 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 14:07:31 DataFile Name : 019ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	49753	49121	49161	49345	0.72	cps
Ytterbium	172-1	130	120	127	126	4.06	cps
Ytterbium	172-2	10	53	43	36	63.81	cps
Ytterbium	176-1	2407	2477	2130	2338	7.84	cps
Ytterbium	176-2	397	343	433	391	11.57	cps
Yttrium	89-1	25880598	26311459	26011564	26067874	0.85	cps
Yttrium	89-2	1835927	1830752	1848388	1838356	0.49	cps
Zinc	66-2	14588	14254	14284	14375	1.28	cps
Zirconium	90-1	1180	1250	1313	1248	5.35	cps
Zirconium	91-1	287	317	250	284	11.74	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : CCV006 Instrumnet Name : P8
Client Sample ID : CCV006 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 14:10:38 DataFile Name : 020CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3385887	3388456	3401450	3391931	0.25	cps
Antimony	121-1	7426237	7544374	7548763	7506458	0.93	cps
Arsenic	75-2	130928	129993	131369	130763	0.54	cps
Barium	135-1	9790105	9818412	9774778	9794431	0.23	cps
Barium	137-1	17075176	16934354	16934834	16981454	0.48	cps
Beryllium	9-1	2472808	2500365	2522864	2498679	1.00	cps
Bismuth	209-1	9811688	10043467	9832894	9896016	1.29	cps
Bismuth	209-2	3659754	3683526	3709722	3684334	0.68	cps
Bromine	81-1	7959	8386	7589	7978	5.00	cps
Cadmium	108-1	145324	146883	144902	145703	0.72	cps
Cadmium	106-1	209976	213766	212299	212014	0.90	cps
Cadmium	111-1	1816077	1802805	1815091	1811324	0.41	cps
Calcium	43-1	14392379	14350809	14272936	14338708	0.42	cps
Calcium	44-1	229877083	230122983	230716863	230238977	0.19	cps
Carbon	12-1	3639935	3815646	3828655	3761412	2.80	cps
Carbon	12-2	31434	31918	31404	31585	0.91	cps
Chlorine	35-1	3415885	3184626	2977683	3192731	6.87	cps
Chlorine	35-2	9807	9226	8886	9306	5.00	cps
Chromium	52-2	1626059	1634443	1653036	1637846	0.84	cps
Cobalt	59-2	2940203	2903102	2914880	2919395	0.65	cps
Copper	63-2	20644108	20689250	20636793	20656717	0.14	cps
Dysprosium	156-1	427	520	513	487	10.70	cps
Dysprosium	156-2	123	103	100	109	11.59	cps
Erbium	164-1	450	407	490	449	9.29	cps
Erbium	164-2	133	140	113	129	10.77	cps
Gadolinium	160-1	393	403	377	391	3.44	cps
Gadolinium	160-2	113	107	123	114	7.33	cps
Holmium	165-1	18174398	18023815	17892038	18030084	0.78	cps
Holmium	165-2	5819388	5796908	5931104	5849133	1.23	cps
Indium	115-1	13373983	13075957	13090822	13180254	1.27	cps
Indium	115-2	1200727	1226724	1238171	1221874	1.57	cps
Iron	54-2	16194555	16111371	16150403	16152110	0.26	cps
Iron	56-2	296967309	294393269	293410256	294923611	0.62	cps
Iron	57-2	7534634	7425237	7439849	7466573	0.80	cps
Krypton	83-1	240	377	233	283	28.55	cps
Lead	206-1	29812535	30206856	29744153	29921182	0.83	cps

LB Number :	LB134353	Operator :	Jaswal
Lab Sample ID :	CCV006	Instrumnet Name :	P8
Client Sample ID :	CCV006	Dilution Factor :	1
Date & Time Acquired :	2025-01-20 14:10:38	DataFile Name :	020CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	25655659	26067877	25770150	25831229	0.82	cps
Lead	208-1	118093995	120513462	118701818	119103092	1.06	cps
Lithium	6-1	6282693	6315287	6327024	6308335	0.36	cps
Magnesium	24-2	57544709	58121192	58141084	57935662	0.58	cps
Manganese	55-2	6828840	6822741	6881039	6844207	0.47	cps
Molybdenum	94-1	27724065	28007863	28062325	27931418	0.65	cps
Molybdenum	95-1	40035428	40008866	40296137	40113477	0.40	cps
Molybdenum	96-1	43095704	43235885	44088266	43473285	1.24	cps
Molybdenum	97-1	24481214	24664390	24684185	24609929	0.45	cps
Molybdenum	98-1	64231224	64118029	64611337	64320197	0.40	cps
Neodymium	150-1	973	863	913	917	6.01	cps
Neodymium	150-2	73	37	47	52	36.29	cps
Nickel	60-2	730787	725351	728160	728099	0.37	cps
Phosphorus	31-2	28912	28535	29717	29055	2.08	cps
Potassium	39-2	16850011	16880457	16745014	16825161	0.42	cps
Rhodium	103-1	11518561	11607785	11521603	11549316	0.44	cps
Rhodium	103-2	4142669	4243520	4242505	4209565	1.38	cps
Scandium	45-1	9973164	10024755	9907538	9968486	0.59	cps
Scandium	45-2	171882	176530	176324	174912	1.50	cps
Selenium	82-1	115009	114163	113853	114341	0.52	cps
Selenium	77-2	1947	1883	1797	1876	4.02	cps
Selenium	78-2	6415	6261	6545	6407	2.21	cps
Silicon	28-1	21787416	21992123	21850300	21876613	0.48	cps
Silver	107-1	9309861	9554822	9392971	9419218	1.32	cps
Silver	109-1	8924514	8960021	8845305	8909947	0.66	cps
Sodium	23-2	116537385	114613465	114543195	115231348	0.98	cps
Strontium	86-1	2832245	2791540	2799130	2807638	0.77	cps
Strontium	88-1	23569585	24090874	24030950	23897136	1.19	cps
Sulfur	34-1	1172150	1159554	1149144	1160282	0.99	cps
Terbium	159-1	18433738	18468226	18416929	18439631	0.14	cps
Terbium	159-2	5586688	5632054	5734392	5651045	1.34	cps
Thallium	203-1	7782681	7650433	7700412	7711176	0.87	cps
Thallium	205-1	18159848	18384891	18350671	18298470	0.66	cps
Tin	118-1	6471239	6523859	6501640	6498913	0.41	cps
Titanium	47-1	12163646	12254219	12237118	12218328	0.39	cps
Uranium	238-1	24490691	25135815	24871255	24832587	1.31	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : CCV006 Instrumnet Name : P8
Client Sample ID : CCV006 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 14:10:38 DataFile Name : 020CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1212604	1206672	1213537	1210938	0.31	cps
Ytterbium	172-1	487	433	487	469	6.57	cps
Ytterbium	172-2	170	137	157	154	10.86	cps
Ytterbium	176-1	37964	37366	38519	37950	1.52	cps
Ytterbium	176-2	12516	11448	11872	11946	4.50	cps
Yttrium	89-1	25077358	25131239	25381677	25196758	0.64	cps
Yttrium	89-2	1740529	1740704	1774515	1751916	1.12	cps
Zinc	66-2	2227982	2199771	2216640	2214797	0.64	cps
Zirconium	90-1	13733232	13911443	14060339	13901671	1.18	cps
Zirconium	91-1	3044520	3139897	3138814	3107744	1.76	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : CCB006 Instrumnet Name : P8
Client Sample ID : CCB006 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 14:13:41 DataFile Name : 021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	233	177	150	187	22.80	cps
Antimony	121-1	1293	1323	1190	1269	5.51	cps
Arsenic	75-2	13	10	13	12	15.73	cps
Barium	135-1	957	883	913	918	4.02	cps
Barium	137-1	1680	1567	1563	1603	4.14	cps
Beryllium	9-1	776	776	795	782	1.38	cps
Bismuth	209-1	11588254	11396677	11662289	11549073	1.19	cps
Bismuth	209-2	4353536	4280190	4325723	4319816	0.86	cps
Bromine	81-1	7896	7602	7746	7748	1.89	cps
Cadmium	108-1	53	23	40	39	38.65	cps
Cadmium	106-1	8613	8306	8566	8495	1.95	cps
Cadmium	111-1	1882	1792	1849	1841	2.48	cps
Calcium	43-1	1857	1573	1583	1671	9.62	cps
Calcium	44-1	28672	28181	28034	28296	1.18	cps
Carbon	12-1	3374956	3411166	3396076	3394066	0.54	cps
Carbon	12-2	22881	22951	22143	22659	1.98	cps
Chlorine	35-1	1488422	1413854	1292929	1398402	7.06	cps
Chlorine	35-2	4531	4224	4174	4310	4.48	cps
Chromium	52-2	567	540	610	572	6.17	cps
Cobalt	59-2	207	173	157	179	14.23	cps
Copper	63-2	4541	3881	3977	4133	8.63	cps
Dysprosium	156-1	33	37	17	29	37.08	cps
Dysprosium	156-2	3	0	7	3	100.05	cps
Erbium	164-1	73	97	97	89	15.16	cps
Erbium	164-2	27	20	20	22	17.33	cps
Gadolinium	160-1	63	77	80	73	12.03	cps
Gadolinium	160-2	13	10	20	14	35.26	cps
Holmium	165-1	18564421	18731974	18531490	18609295	0.58	cps
Holmium	165-2	6026547	6071913	6039126	6045862	0.39	cps
Indium	115-1	14640298	14561938	14781262	14661166	0.76	cps
Indium	115-2	1350579	1357558	1352478	1353539	0.27	cps
Iron	54-2	927	623	627	726	24.01	cps
Iron	56-2	16934	10230	8920	12028	35.74	cps
Iron	57-2	457	310	213	327	37.51	cps
Krypton	83-1	190	210	207	202	5.30	cps
Lead	206-1	3767	3347	3410	3508	6.46	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : CCB006 Instrumnet Name : P8
Client Sample ID : CCB006 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 14:13:41 DataFile Name : 021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	3304	3167	2840	3104	7.67	cps
Lead	208-1	14943	14080	13873	14299	3.97	cps
Lithium	6-1	7434546	7273704	7608357	7438869	2.25	cps
Magnesium	24-2	2827	1460	1110	1799	50.43	cps
Manganese	55-2	363	257	280	300	18.69	cps
Molybdenum	94-1	1900	1620	1713	1745	8.17	cps
Molybdenum	95-1	2304	1997	2030	2110	7.98	cps
Molybdenum	96-1	2314	2104	2220	2212	4.76	cps
Molybdenum	97-1	1397	1213	1083	1231	12.79	cps
Molybdenum	98-1	3404	3194	3194	3264	3.72	cps
Neodymium	150-1	27	27	47	33	34.64	cps
Neodymium	150-2	0	7	7	4	86.60	cps
Nickel	60-2	1300	1027	1220	1182	11.89	cps
Phosphorus	31-2	60	63	77	67	13.23	cps
Potassium	39-2	11181	10981	10764	10975	1.90	cps
Rhodium	103-1	13681646	13754950	13989968	13808855	1.17	cps
Rhodium	103-2	4976328	4907559	4984956	4956281	0.86	cps
Scandium	45-1	10594467	10649567	10882810	10708948	1.43	cps
Scandium	45-2	179459	181879	179977	180438	0.71	cps
Selenium	82-1	-3	-30	-20	-18	-75.79	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	7	13	13	11	34.61	cps
Silicon	28-1	452345	448214	444063	448207	0.92	cps
Silver	107-1	1287	1270	1153	1237	5.87	cps
Silver	109-1	1097	1070	853	1007	13.26	cps
Sodium	23-2	41649	38026	37398	39024	5.88	cps
Strontium	86-1	357	350	383	363	4.85	cps
Strontium	88-1	1173	1090	1153	1139	3.82	cps
Sulfur	34-1	426215	427575	428541	427444	0.27	cps
Terbium	159-1	18914538	18863858	19335066	19037821	1.36	cps
Terbium	159-2	5905454	5946349	5891914	5914572	0.48	cps
Thallium	203-1	1640	1473	1470	1528	6.36	cps
Thallium	205-1	3704	3701	3464	3623	3.80	cps
Tin	118-1	2317	2030	2060	2136	7.38	cps
Titanium	47-1	687	617	653	652	5.37	cps
Uranium	238-1	843	747	770	787	6.41	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : CCB006 Instrumnet Name : P8
Client Sample ID : CCB006 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 14:13:41 DataFile Name : 021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	57	30	10	32	72.66	cps
Ytterbium	172-1	83	90	133	102	26.56	cps
Ytterbium	172-2	27	27	27	27	0.00	cps
Ytterbium	176-1	2437	2430	2454	2440	0.49	cps
Ytterbium	176-2	297	353	350	333	9.54	cps
Yttrium	89-1	26763324	26655365	26941643	26786777	0.54	cps
Yttrium	89-2	1834594	1873950	1848136	1852227	1.08	cps
Zinc	66-2	563	587	527	559	5.41	cps
Zirconium	90-1	1740	1520	1567	1609	7.21	cps
Zirconium	91-1	357	297	350	334	9.83	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : P2403-01 Instrumnet Name : P8
Client Sample ID : LOD-MDL-SOIL-01-QT2- Dilution Factor : 1
Date & Time Acquired : 2025-01-20 14:20:25 DataFile Name : 023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	630	650	767	682	10.82	cps
Antimony	121-1	6312	6522	6275	6369	2.09	cps
Arsenic	75-2	130	153	130	138	9.78	cps
Barium	135-1	8243	8573	8616	8477	2.41	cps
Barium	137-1	15305	15132	14822	15086	1.62	cps
Beryllium	9-1	2666	2721	2712	2700	1.09	cps
Bismuth	209-1	11564155	11451168	11448002	11487775	0.58	cps
Bismuth	209-2	4352136	4360612	4262647	4325132	1.25	cps
Bromine	81-1	7379	7369	7552	7433	1.39	cps
Cadmium	108-1	153	140	133	142	7.16	cps
Cadmium	106-1	8830	8813	8499	8714	2.13	cps
Cadmium	111-1	3352	3228	3207	3262	2.41	cps
Calcium	43-1	11738	12038	11738	11838	1.46	cps
Calcium	44-1	194314	195088	193516	194306	0.40	cps
Carbon	12-1	3331545	3421217	3435176	3395979	1.66	cps
Carbon	12-2	23536	23112	23756	23468	1.40	cps
Chlorine	35-1	538965	526540	509091	524865	2.86	cps
Chlorine	35-2	1840	1783	1610	1745	6.87	cps
Chromium	52-2	2404	2784	2424	2537	8.43	cps
Cobalt	59-2	2530	2557	2500	2529	1.12	cps
Copper	63-2	7305	7846	7756	7635	3.79	cps
Dysprosium	156-1	63	50	40	51	22.90	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	110	83	137	110	24.25	cps
Erbium	164-2	57	33	47	46	25.70	cps
Gadolinium	160-1	93	70	87	83	14.42	cps
Gadolinium	160-2	20	33	3	19	79.59	cps
Holmium	165-1	18866928	18607856	18446675	18640487	1.14	cps
Holmium	165-2	6056397	6137210	6032735	6075448	0.90	cps
Indium	115-1	14761214	14610377	14430902	14600831	1.13	cps
Indium	115-2	1356895	1359902	1357090	1357962	0.12	cps
Iron	54-2	6622	6462	6365	6483	2.00	cps
Iron	56-2	114794	114908	113958	114553	0.45	cps
Iron	57-2	2824	2834	2704	2787	2.60	cps
Krypton	83-1	170	183	170	174	4.42	cps
Lead	206-1	6902	7095	7592	7197	4.95	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : P2403-01 Instrumnet Name : P8
Client Sample ID : LOD-MDL-SOIL-01-QT2- Dilution Factor : 1
Date & Time Acquired : 2025-01-20 14:20:25 DataFile Name : 023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	6415	6192	6398	6335	1.97	cps
Lead	208-1	28870	28736	28996	28867	0.45	cps
Lithium	6-1	7724294	7421442	7323993	7489909	2.79	cps
Magnesium	24-2	48243	47490	47775	47836	0.79	cps
Manganese	55-2	1400	1497	1547	1481	5.03	cps
Molybdenum	94-1	6588	6228	6385	6400	2.82	cps
Molybdenum	95-1	3460	3781	3517	3586	4.76	cps
Molybdenum	96-1	4471	4227	4701	4466	5.30	cps
Molybdenum	97-1	2220	2257	2127	2201	3.05	cps
Molybdenum	98-1	5795	5521	5831	5716	2.96	cps
Neodymium	150-1	23	23	27	24	7.89	cps
Neodymium	150-2	13	0	3	6	124.93	cps
Nickel	60-2	1820	1850	2047	1906	6.46	cps
Phosphorus	31-2	97	93	100	97	3.45	cps
Potassium	39-2	25813	25873	25766	25818	0.21	cps
Rhodium	103-1	13844383	13625824	13513416	13661208	1.23	cps
Rhodium	103-2	4950808	4970534	4926585	4949309	0.44	cps
Scandium	45-1	10778223	10590102	10387286	10585204	1.85	cps
Scandium	45-2	178173	180339	182242	180252	1.13	cps
Selenium	82-1	1110	1163	1147	1140	2.39	cps
Selenium	77-2	30	3	47	27	81.98	cps
Selenium	78-2	70	83	93	82	14.24	cps
Silicon	28-1	470687	480116	483691	478165	1.40	cps
Silver	107-1	8713	8806	9013	8844	1.74	cps
Silver	109-1	8059	8169	8586	8271	3.36	cps
Sodium	23-2	121060	120993	119726	120593	0.62	cps
Strontium	86-1	2500	2374	2564	2479	3.90	cps
Strontium	88-1	19400	19661	19574	19545	0.68	cps
Sulfur	34-1	445923	446828	441699	444817	0.62	cps
Terbium	159-1	18918963	19081176	18836768	18945635	0.66	cps
Terbium	159-2	5891968	5961605	5891001	5914858	0.68	cps
Thallium	203-1	7466	7025	7426	7305	3.33	cps
Thallium	205-1	17151	17078	17532	17254	1.41	cps
Tin	118-1	6598	6772	6548	6639	1.77	cps
Titanium	47-1	1153	1213	1283	1217	5.35	cps
Uranium	238-1	20143	20340	20243	20242	0.49	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : P2403-01 Instrumnet Name : P8
Client Sample ID : LOD-MDL-SOIL-01-QT2- Dilution Factor : 1
Date & Time Acquired : 2025-01-20 14:20:25 DataFile Name : 023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1123	1013	930	1022	9.49	cps
Ytterbium	172-1	113	97	83	98	15.37	cps
Ytterbium	172-2	63	40	47	50	24.03	cps
Ytterbium	176-1	2520	2497	2574	2530	1.55	cps
Ytterbium	176-2	330	350	410	363	11.46	cps
Yttrium	89-1	26676271	26582556	26710317	26656382	0.25	cps
Yttrium	89-2	1827068	1830322	1832922	1830104	0.16	cps
Zinc	66-2	733	830	730	764	7.43	cps
Zirconium	90-1	12042	12079	11825	11982	1.14	cps
Zirconium	91-1	2597	2704	2854	2718	4.74	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : P2403-02 Instrumnet Name : P8
Client Sample ID : LOQ-SOIL-02-QT2-2024 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 14:23:46 DataFile Name : 024LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1460	1417	1373	1417	3.06	cps
Antimony	121-1	28827	28967	28082	28626	1.66	cps
Arsenic	75-2	233	277	267	259	8.76	cps
Barium	135-1	37348	37896	37254	37499	0.92	cps
Barium	137-1	65621	66261	65471	65784	0.64	cps
Beryllium	9-1	5648	5648	5657	5651	0.09	cps
Bismuth	209-1	11515157	11431408	11490589	11479051	0.38	cps
Bismuth	209-2	4318312	4299862	4337511	4318561	0.44	cps
Bromine	81-1	7389	7032	7405	7275	2.90	cps
Cadmium	108-1	333	330	327	330	1.01	cps
Cadmium	106-1	8913	8786	8976	8892	1.09	cps
Cadmium	111-1	5196	5297	5587	5360	3.79	cps
Calcium	43-1	28872	28973	28051	28632	1.77	cps
Calcium	44-1	461017	458061	460582	459887	0.35	cps
Carbon	12-1	3166059	3128916	3111076	3135351	0.89	cps
Carbon	12-2	20558	20701	20621	20627	0.35	cps
Chlorine	35-1	370387	360504	352434	361108	2.49	cps
Chlorine	35-2	1373	1237	1287	1299	5.32	cps
Chromium	52-2	6822	6528	6608	6653	2.28	cps
Cobalt	59-2	6085	6161	5801	6016	3.15	cps
Copper	63-2	12302	11855	12329	12162	2.19	cps
Dysprosium	156-1	33	53	57	48	26.42	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	67	73	123	88	35.29	cps
Erbium	164-2	37	43	20	33	36.05	cps
Gadolinium	160-1	57	73	87	72	20.81	cps
Gadolinium	160-2	10	20	17	16	32.73	cps
Holmium	165-1	18784281	18362889	18314054	18487075	1.40	cps
Holmium	165-2	6118240	6067813	6082331	6089461	0.43	cps
Indium	115-1	14697448	14619609	14463948	14593668	0.81	cps
Indium	115-2	1347945	1342056	1344855	1344952	0.22	cps
Iron	54-2	7215	6962	7062	7080	1.80	cps
Iron	56-2	123031	122833	125083	123649	1.01	cps
Iron	57-2	3090	3007	3320	3139	5.17	cps
Krypton	83-1	177	197	143	172	15.64	cps
Lead	206-1	13724	13761	13711	13732	0.19	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : P2403-02 Instrumnet Name : P8
Client Sample ID : LOQ-SOIL-02-QT2-2024 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 14:23:46 DataFile Name : 024LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	11936	11555	11665	11719	1.67	cps
Lead	208-1	54522	54041	54318	54294	0.44	cps
Lithium	6-1	7567009	7630507	7351037	7516184	1.95	cps
Magnesium	24-2	116091	115258	116027	115792	0.40	cps
Manganese	55-2	1603	1460	1587	1550	5.06	cps
Molybdenum	94-1	30727	30714	31492	30978	1.44	cps
Molybdenum	95-1	37119	37644	37574	37446	0.76	cps
Molybdenum	96-1	42064	42164	40987	41738	1.56	cps
Molybdenum	97-1	22876	23216	22642	22911	1.26	cps
Molybdenum	98-1	60317	60146	60247	60237	0.14	cps
Neodymium	150-1	23	20	37	27	33.08	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	2730	2830	2794	2785	1.82	cps
Phosphorus	31-2	200	180	137	172	18.80	cps
Potassium	39-2	71794	71821	72377	71997	0.46	cps
Rhodium	103-1	13818888	13598887	13471411	13629729	1.29	cps
Rhodium	103-2	4930085	4910622	4827676	4889461	1.11	cps
Scandium	45-1	10570916	10552797	10384788	10502834	0.98	cps
Scandium	45-2	181503	179624	179205	180111	0.68	cps
Selenium	82-1	1230	1270	1243	1248	1.63	cps
Selenium	77-2	27	10	10	16	61.87	cps
Selenium	78-2	80	73	87	80	8.34	cps
Silicon	28-1	519772	520386	519488	519882	0.09	cps
Silver	107-1	18362	19287	19447	19032	3.08	cps
Silver	109-1	17815	17955	18479	18083	1.94	cps
Sodium	23-2	251323	251285	251036	251215	0.06	cps
Strontium	86-1	5501	5411	5331	5414	1.57	cps
Strontium	88-1	44454	44049	44417	44307	0.50	cps
Sulfur	34-1	441780	439935	439380	440365	0.29	cps
Terbium	159-1	19237804	19147214	18926415	19103811	0.84	cps
Terbium	159-2	5931677	5914615	5880143	5908812	0.44	cps
Thallium	203-1	15413	15659	15306	15459	1.17	cps
Thallium	205-1	36555	36605	37431	36863	1.33	cps
Tin	118-1	63074	63342	63349	63255	0.25	cps
Titanium	47-1	11818	11968	11812	11866	0.75	cps
Uranium	238-1	45816	46077	45053	45648	1.17	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : P2403-02 Instrumnet Name : P8
Client Sample ID : LOQ-SOIL-02-QT2-2024 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 14:23:46 DataFile Name : 024LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	11978	12265	11581	11942	2.88	cps
Ytterbium	172-1	127	97	137	120	17.35	cps
Ytterbium	172-2	43	33	27	34	24.35	cps
Ytterbium	176-1	2370	2370	2207	2316	4.07	cps
Ytterbium	176-2	420	370	373	388	7.21	cps
Yttrium	89-1	26541487	26536885	26486177	26521516	0.12	cps
Yttrium	89-2	1809006	1814117	1787131	1803418	0.79	cps
Zinc	66-2	2667	2680	2767	2705	2.01	cps
Zirconium	90-1	26061	27250	26883	26731	2.28	cps
Zirconium	91-1	6025	5725	6025	5925	2.92	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : P2403-16 Instrumnet Name : P8
Client Sample ID : LLOQ-SOIL-QT2-2024 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 14:27:10 DataFile Name : 025LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1300	1497	1357	1385	7.31	cps
Antimony	121-1	28126	28643	29405	28725	2.24	cps
Arsenic	75-2	297	293	287	292	1.74	cps
Barium	135-1	37502	37455	37445	37467	0.08	cps
Barium	137-1	64905	65799	65843	65515	0.81	cps
Beryllium	9-1	5797	5562	5685	5681	2.07	cps
Bismuth	209-1	11450581	11381824	11277397	11369934	0.77	cps
Bismuth	209-2	4526484	4446554	3977817	4316952	6.87	cps
Bromine	81-1	7512	7002	7259	7258	3.52	cps
Cadmium	108-1	303	337	320	320	5.21	cps
Cadmium	106-1	8749	8619	8249	8539	3.04	cps
Cadmium	111-1	5305	5322	5440	5356	1.37	cps
Calcium	43-1	29266	28087	29156	28837	2.26	cps
Calcium	44-1	462787	466390	465233	464803	0.40	cps
Carbon	12-1	3148632	3096052	3090964	3111883	1.03	cps
Carbon	12-2	20731	21032	20374	20712	1.59	cps
Chlorine	35-1	288868	284611	275059	282846	2.50	cps
Chlorine	35-2	1087	1040	973	1033	5.51	cps
Chromium	52-2	6718	6655	6361	6578	2.89	cps
Cobalt	59-2	6185	6285	5561	6010	6.52	cps
Copper	63-2	11955	12516	11545	12005	4.06	cps
Dysprosium	156-1	47	53	67	56	18.33	cps
Dysprosium	156-2	7	13	3	8	65.47	cps
Erbium	164-1	90	110	73	91	20.15	cps
Erbium	164-2	17	17	43	26	60.23	cps
Gadolinium	160-1	57	77	83	72	19.22	cps
Gadolinium	160-2	23	7	30	20	60.08	cps
Holmium	165-1	18392422	18264117	18053807	18236782	0.94	cps
Holmium	165-2	6379466	6263741	5599557	6080921	6.92	cps
Indium	115-1	14514560	14593810	14262910	14457093	1.20	cps
Indium	115-2	1522015	1388287	1250668	1386990	9.78	cps
Iron	54-2	6962	7182	6185	6776	7.73	cps
Iron	56-2	124034	126824	114607	121821	5.26	cps
Iron	57-2	3127	3037	2744	2969	6.75	cps
Krypton	83-1	147	167	207	173	17.62	cps
Lead	206-1	13304	13254	13938	13498	2.82	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : P2403-16 Instrumnet Name : P8
Client Sample ID : LLOQ-SOIL-QT2-2024 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 14:27:10 DataFile Name : 025LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	11919	12076	11805	11933	1.14	cps
Lead	208-1	54579	55177	54241	54666	0.87	cps
Lithium	6-1	7516136	7348480	7469571	7444729	1.16	cps
Magnesium	24-2	117126	118053	108380	114520	4.66	cps
Manganese	55-2	1480	1450	1393	1441	3.05	cps
Molybdenum	94-1	31148	31295	31362	31268	0.35	cps
Molybdenum	95-1	37270	37250	37547	37356	0.44	cps
Molybdenum	96-1	41488	41114	41656	41419	0.67	cps
Molybdenum	97-1	23370	23587	23820	23592	0.96	cps
Molybdenum	98-1	59353	60411	60166	59977	0.92	cps
Neodymium	150-1	40	27	43	37	24.04	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	2600	2854	2440	2631	7.92	cps
Phosphorus	31-2	150	150	120	140	12.37	cps
Potassium	39-2	71308	73888	67648	70948	4.42	cps
Rhodium	103-1	13344214	13324680	13241486	13303460	0.41	cps
Rhodium	103-2	5167878	5047914	4482818	4899537	7.47	cps
Scandium	45-1	10704864	10480827	10301506	10495732	1.93	cps
Scandium	45-2	189575	186519	168676	181590	6.22	cps
Selenium	82-1	1170	1260	1097	1176	6.96	cps
Selenium	77-2	20	23	43	29	43.68	cps
Selenium	78-2	77	103	67	82	23.05	cps
Silicon	28-1	514437	510375	519040	514617	0.84	cps
Silver	107-1	19340	18983	18943	19089	1.15	cps
Silver	109-1	17832	17878	18553	18088	2.23	cps
Sodium	23-2	250448	251564	232358	244790	4.40	cps
Strontium	86-1	5334	5458	5508	5433	1.64	cps
Strontium	88-1	44728	44474	45092	44765	0.69	cps
Sulfur	34-1	434677	433544	426032	431417	1.09	cps
Terbium	159-1	19061937	19082735	18418996	18854556	2.00	cps
Terbium	159-2	6320554	6128561	5506449	5985188	7.11	cps
Thallium	203-1	15189	16057	15706	15651	2.79	cps
Thallium	205-1	37003	36575	36642	36740	0.63	cps
Tin	118-1	63566	63680	63952	63733	0.31	cps
Titanium	47-1	11865	12339	12042	12082	1.98	cps
Uranium	238-1	46281	46093	45983	46119	0.33	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : P2403-16 Instrumnet Name : P8
Client Sample ID : LLOQ-SOIL-QT2-2024 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 14:27:10 DataFile Name : 025LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	11848	11988	11124	11654	3.98	cps
Ytterbium	172-1	103	90	50	81	34.22	cps
Ytterbium	172-2	43	20	37	33	36.05	cps
Ytterbium	176-1	2500	2497	2604	2534	2.39	cps
Ytterbium	176-2	353	327	313	331	6.15	cps
Yttrium	89-1	26268153	26623195	25971071	26287473	1.24	cps
Yttrium	89-2	1917523	1879498	1688591	1828537	6.71	cps
Zinc	66-2	2844	2647	2530	2674	5.92	cps
Zirconium	90-1	26442	27066	26682	26730	1.18	cps
Zirconium	91-1	5865	5755	5911	5844	1.38	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : P2403-08 Instrumnet Name : P8
Client Sample ID : LOQ-WATER-02-QT2-20 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 14:33:55 DataFile Name : 027LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1310	1400	1237	1316	6.22	cps
Antimony	121-1	29081	28633	28804	28839	0.78	cps
Arsenic	75-2	267	270	333	290	12.95	cps
Barium	135-1	37522	37796	38377	37898	1.15	cps
Barium	137-1	66167	65929	66101	66066	0.19	cps
Beryllium	9-1	5624	5603	5740	5656	1.31	cps
Bismuth	209-1	11679527	11543790	11609987	11611101	0.58	cps
Bismuth	209-2	4334751	4456173	4321899	4370941	1.70	cps
Bromine	81-1	7145	7309	7189	7214	1.17	cps
Cadmium	108-1	363	363	317	348	7.75	cps
Cadmium	106-1	8826	8830	9036	8897	1.35	cps
Cadmium	111-1	5381	5579	5460	5473	1.82	cps
Calcium	43-1	29059	29043	29069	29057	0.05	cps
Calcium	44-1	464089	472852	469502	468814	0.94	cps
Carbon	12-1	3116709	3124448	3062833	3101330	1.08	cps
Carbon	12-2	20067	20408	20264	20246	0.84	cps
Chlorine	35-1	230402	228763	225682	228282	1.05	cps
Chlorine	35-2	957	850	877	894	6.21	cps
Chromium	52-2	7005	6835	6582	6807	3.13	cps
Cobalt	59-2	6008	6321	6158	6162	2.54	cps
Copper	63-2	12923	12923	12856	12900	0.30	cps
Dysprosium	156-1	33	43	57	44	26.35	cps
Dysprosium	156-2	3	10	0	4	114.60	cps
Erbium	164-1	100	107	90	99	8.48	cps
Erbium	164-2	13	23	30	22	37.76	cps
Gadolinium	160-1	53	93	43	63	41.78	cps
Gadolinium	160-2	13	17	7	12	41.65	cps
Holmium	165-1	18616305	18451157	18561978	18543146	0.45	cps
Holmium	165-2	6146095	6101690	6161408	6136398	0.51	cps
Indium	115-1	14810712	14558147	14664333	14677731	0.86	cps
Indium	115-2	1368771	1374631	1358477	1367293	0.60	cps
Iron	54-2	8268	7302	7372	7647	7.05	cps
Iron	56-2	127699	126915	127812	127475	0.38	cps
Iron	57-2	3154	3190	3030	3125	2.68	cps
Krypton	83-1	197	147	170	171	14.62	cps
Lead	206-1	13177	13837	13417	13477	2.48	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : P2403-08 Instrumnet Name : P8
Client Sample ID : LOQ-WATER-02-QT2-20 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 14:33:55 DataFile Name : 027LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	11645	11755	11835	11745	0.81	cps
Lead	208-1	53788	54488	53477	53918	0.96	cps
Lithium	6-1	7702832	7595910	7514278	7604340	1.24	cps
Magnesium	24-2	118016	117408	118788	118071	0.59	cps
Manganese	55-2	1683	1530	1387	1533	9.68	cps
Molybdenum	94-1	31659	31683	31459	31600	0.39	cps
Molybdenum	95-1	37404	38837	37524	37922	2.10	cps
Molybdenum	96-1	41692	42668	42725	42362	1.37	cps
Molybdenum	97-1	23784	23901	23326	23670	1.28	cps
Molybdenum	98-1	61194	61455	61238	61296	0.23	cps
Neodymium	150-1	43	63	23	43	46.16	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	3047	2880	2767	2898	4.86	cps
Phosphorus	31-2	197	160	160	172	12.29	cps
Potassium	39-2	72913	72102	72240	72418	0.60	cps
Rhodium	103-1	13818193	13541849	13686738	13682260	1.01	cps
Rhodium	103-2	4974000	5040808	4941059	4985289	1.02	cps
Scandium	45-1	10699250	10507760	10724484	10643831	1.11	cps
Scandium	45-2	184305	181797	181447	182517	0.85	cps
Selenium	82-1	1070	1183	1163	1139	5.31	cps
Selenium	77-2	10	43	17	23	75.58	cps
Selenium	78-2	90	73	73	79	12.20	cps
Silicon	28-1	520061	518924	514427	517804	0.58	cps
Silver	107-1	19417	19264	19193	19291	0.59	cps
Silver	109-1	18105	18286	18339	18243	0.67	cps
Sodium	23-2	251279	251279	253381	251980	0.48	cps
Strontium	86-1	5504	5685	5314	5501	3.36	cps
Strontium	88-1	44497	43986	44474	44319	0.65	cps
Sulfur	34-1	445574	444633	443519	444575	0.23	cps
Terbium	159-1	19440307	18998165	19423625	19287366	1.30	cps
Terbium	159-2	6006679	6001022	5898337	5968679	1.02	cps
Thallium	203-1	15796	15433	15476	15568	1.28	cps
Thallium	205-1	36872	37180	36916	36989	0.45	cps
Tin	118-1	63955	64223	64983	64387	0.83	cps
Titanium	47-1	12362	12319	12135	12272	0.98	cps
Uranium	238-1	46876	46622	46565	46688	0.35	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : P2403-08 Instrumnet Name : P8
Client Sample ID : LOQ-WATER-02-QT2-20 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 14:33:55 DataFile Name : 027LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	11875	11722	12095	11897	1.58	cps
Ytterbium	172-1	103	100	70	91	20.15	cps
Ytterbium	172-2	30	50	23	34	40.30	cps
Ytterbium	176-1	2574	2504	2560	2546	1.46	cps
Ytterbium	176-2	357	383	280	340	15.78	cps
Yttrium	89-1	27006823	26502607	26272184	26593871	1.41	cps
Yttrium	89-2	1857001	1874261	1816115	1849126	1.61	cps
Zinc	66-2	2670	2767	2614	2684	2.89	cps
Zirconium	90-1	27076	26976	26148	26733	1.91	cps
Zirconium	91-1	5998	6071	6432	6167	3.76	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : P2403-17 Instrumnet Name : P8
Client Sample ID : LLOQ-WATER-QT2-2024 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 14:37:23 DataFile Name : 028LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1140	1227	1293	1220	6.30	cps
Antimony	121-1	26626	26783	26529	26646	0.48	cps
Arsenic	75-2	277	270	270	272	1.41	cps
Barium	135-1	36041	35396	35142	35526	1.30	cps
Barium	137-1	61974	60595	60360	60976	1.43	cps
Beryllium	9-1	5287	5202	5248	5245	0.81	cps
Bismuth	209-1	10785400	10168787	10248021	10400736	3.23	cps
Bismuth	209-2	4045033	3988580	3934137	3989250	1.39	cps
Bromine	81-1	6858	6758	6905	6841	1.10	cps
Cadmium	108-1	323	353	333	337	4.54	cps
Cadmium	106-1	8476	7746	7849	8024	4.93	cps
Cadmium	111-1	5079	4949	4797	4942	2.86	cps
Calcium	43-1	27820	26491	26668	26993	2.67	cps
Calcium	44-1	439492	429932	428967	432797	1.34	cps
Carbon	12-1	3124489	3099240	3091617	3105116	0.55	cps
Carbon	12-2	20635	20418	19740	20264	2.30	cps
Chlorine	35-1	204112	201123	198326	201187	1.44	cps
Chlorine	35-2	753	700	770	741	4.93	cps
Chromium	52-2	6462	6465	6682	6536	1.93	cps
Cobalt	59-2	5758	5701	6028	5829	3.00	cps
Copper	63-2	11788	11508	11398	11565	1.74	cps
Dysprosium	156-1	60	57	50	56	9.17	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	67	70	53	63	13.93	cps
Erbium	164-2	17	30	17	21	36.45	cps
Gadolinium	160-1	73	53	73	67	17.32	cps
Gadolinium	160-2	17	7	10	11	45.82	cps
Holmium	165-1	17441628	16630104	16746196	16939310	2.59	cps
Holmium	165-2	5562042	5691934	5597950	5617309	1.19	cps
Indium	115-1	13760324	13130498	12892623	13261149	3.38	cps
Indium	115-2	1264367	1252569	1245614	1254183	0.76	cps
Iron	54-2	6988	6845	6585	6806	3.01	cps
Iron	56-2	116696	116430	116215	116447	0.21	cps
Iron	57-2	3024	2937	2787	2916	4.11	cps
Krypton	83-1	193	167	173	178	7.81	cps
Lead	206-1	12793	12389	12710	12631	1.69	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : P2403-17 Instrumnet Name : P8
Client Sample ID : LLOQ-WATER-QT2-2024 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 14:37:23 DataFile Name : 028LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	11438	10911	10885	11078	2.82	cps
Lead	208-1	50969	49420	49377	49922	1.82	cps
Lithium	6-1	6940751	6829374	6960773	6910300	1.02	cps
Magnesium	24-2	110343	109682	108829	109618	0.69	cps
Manganese	55-2	1357	1427	1450	1411	3.44	cps
Molybdenum	94-1	29421	28369	29154	28981	1.89	cps
Molybdenum	95-1	36478	34837	34897	35404	2.63	cps
Molybdenum	96-1	39733	38313	39255	39100	1.85	cps
Molybdenum	97-1	22498	21660	22218	22126	1.93	cps
Molybdenum	98-1	56866	55316	55949	56044	1.39	cps
Neodymium	150-1	23	20	13	19	26.96	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	2610	2720	2674	2668	2.07	cps
Phosphorus	31-2	180	110	93	128	35.99	cps
Potassium	39-2	68039	68910	67611	68187	0.97	cps
Rhodium	103-1	12798268	12162038	12200863	12387056	2.88	cps
Rhodium	103-2	4569597	4591826	4543693	4568372	0.53	cps
Scandium	45-1	9776832	9363903	9474749	9538495	2.24	cps
Scandium	45-2	169648	166623	166523	167598	1.06	cps
Selenium	82-1	1153	1223	1100	1159	5.34	cps
Selenium	77-2	17	10	10	12	31.50	cps
Selenium	78-2	80	73	87	80	8.34	cps
Silicon	28-1	498898	496559	492879	496112	0.61	cps
Silver	107-1	18012	17621	17738	17790	1.13	cps
Silver	109-1	17121	16366	16660	16716	2.27	cps
Sodium	23-2	237500	234655	236420	236191	0.61	cps
Strontium	86-1	5014	4914	5128	5019	2.13	cps
Strontium	88-1	42050	41127	40980	41386	1.40	cps
Sulfur	34-1	441735	443404	442665	442601	0.19	cps
Terbium	159-1	17815711	16960130	17070811	17282217	2.69	cps
Terbium	159-2	5640120	5467543	5468492	5525385	1.80	cps
Thallium	203-1	14255	13971	14612	14279	2.25	cps
Thallium	205-1	34907	33901	34131	34313	1.54	cps
Tin	118-1	59632	59475	58608	59238	0.93	cps
Titanium	47-1	12042	11261	11208	11504	4.06	cps
Uranium	238-1	43568	43023	42417	43003	1.34	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : P2403-17 Instrumnet Name : P8
Client Sample ID : LLOQ-WATER-QT2-2024 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 14:37:23 DataFile Name : 028LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	10941	11368	10968	11092	2.16	cps
Ytterbium	172-1	90	90	73	84	11.40	cps
Ytterbium	172-2	23	50	50	41	37.46	cps
Ytterbium	176-1	2340	2237	1984	2187	8.39	cps
Ytterbium	176-2	317	333	347	332	4.52	cps
Yttrium	89-1	24749800	23675217	23907959	24110992	2.34	cps
Yttrium	89-2	1714743	1702292	1698420	1705152	0.50	cps
Zinc	66-2	2390	2537	2584	2504	4.03	cps
Zirconium	90-1	26041	24699	24451	25064	3.41	cps
Zirconium	91-1	5551	5488	5284	5441	2.56	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : P2403-07 Instrumnet Name : P8
Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 14:40:47 DataFile Name : 029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	630	667	637	644	3.03	cps
Antimony	121-1	6028	5868	6151	6016	2.36	cps
Arsenic	75-2	123	130	103	119	11.67	cps
Barium	135-1	8259	8466	8603	8443	2.05	cps
Barium	137-1	14144	14631	14304	14360	1.73	cps
Beryllium	9-1	2546	2509	2647	2567	2.80	cps
Bismuth	209-1	11133587	11457911	10930714	11174071	2.38	cps
Bismuth	209-2	4290124	4320874	4252062	4287687	0.80	cps
Bromine	81-1	6962	6862	7119	6981	1.85	cps
Cadmium	108-1	170	140	127	146	15.25	cps
Cadmium	106-1	8079	8606	8062	8249	3.75	cps
Cadmium	111-1	3187	3283	3211	3227	1.56	cps
Calcium	43-1	11635	11812	12169	11872	2.29	cps
Calcium	44-1	184926	188668	193116	188903	2.17	cps
Carbon	12-1	3336633	3445839	3402287	3394919	1.62	cps
Carbon	12-2	22905	22961	23025	22964	0.26	cps
Chlorine	35-1	191059	188176	190297	189844	0.79	cps
Chlorine	35-2	797	707	673	726	8.79	cps
Chromium	52-2	2440	2640	2534	2538	3.94	cps
Cobalt	59-2	2547	2440	2457	2481	2.31	cps
Copper	63-2	7038	7035	7412	7162	3.02	cps
Dysprosium	156-1	37	27	73	46	53.93	cps
Dysprosium	156-2	10	3	3	6	69.34	cps
Erbium	164-1	100	87	90	92	7.52	cps
Erbium	164-2	3	40	43	29	76.84	cps
Gadolinium	160-1	90	83	93	89	5.73	cps
Gadolinium	160-2	7	13	17	12	41.65	cps
Holmium	165-1	17846196	18740312	17405557	17997355	3.78	cps
Holmium	165-2	6073576	6043541	5984339	6033819	0.75	cps
Indium	115-1	14042942	14556666	13527643	14042417	3.66	cps
Indium	115-2	1332573	1331792	1327661	1330675	0.20	cps
Iron	54-2	6265	6221	6208	6231	0.48	cps
Iron	56-2	123554	111867	112677	116033	5.62	cps
Iron	57-2	2740	2947	2737	2808	4.28	cps
Krypton	83-1	190	153	143	162	15.14	cps
Lead	206-1	6635	6565	6662	6621	0.75	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : P2403-07 Instrumnet Name : P8
Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 14:40:47 DataFile Name : 029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	5688	5591	5745	5675	1.37	cps
Lead	208-1	26150	25860	26424	26145	1.08	cps
Lithium	6-1	7290022	7334875	7071451	7232116	1.95	cps
Magnesium	24-2	47326	48233	46888	47482	1.44	cps
Manganese	55-2	1437	1473	1427	1446	1.70	cps
Molybdenum	94-1	6258	6221	6178	6219	0.64	cps
Molybdenum	95-1	3267	3540	3230	3346	5.06	cps
Molybdenum	96-1	4184	4504	4231	4306	4.02	cps
Molybdenum	97-1	2060	2134	2194	2129	3.14	cps
Molybdenum	98-1	5321	5524	5685	5510	3.31	cps
Neodymium	150-1	23	30	20	24	20.83	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	1720	1850	1877	1816	4.62	cps
Phosphorus	31-2	83	83	87	84	2.28	cps
Potassium	39-2	24013	24818	24447	24426	1.65	cps
Rhodium	103-1	13091870	13682532	12572757	13115720	4.23	cps
Rhodium	103-2	4838370	4868213	4851673	4852752	0.31	cps
Scandium	45-1	10127503	10577765	10045204	10250158	2.80	cps
Scandium	45-2	178946	177177	177531	177885	0.53	cps
Selenium	82-1	1153	1167	1290	1203	6.26	cps
Selenium	77-2	13	20	20	18	21.66	cps
Selenium	78-2	47	87	97	77	34.51	cps
Silicon	28-1	462346	469666	473523	468512	1.21	cps
Silver	107-1	8526	8506	8579	8537	0.44	cps
Silver	109-1	7696	8042	7942	7893	2.26	cps
Sodium	23-2	116067	115889	113907	115287	1.04	cps
Strontium	86-1	2554	2380	2364	2432	4.33	cps
Strontium	88-1	18980	18366	18943	18763	1.84	cps
Sulfur	34-1	448935	452979	452694	451536	0.50	cps
Terbium	159-1	18456203	19089662	17824976	18456947	3.43	cps
Terbium	159-2	5945145	5933064	5907279	5928496	0.33	cps
Thallium	203-1	6422	6929	7105	6819	5.20	cps
Thallium	205-1	15329	15830	16250	15803	2.92	cps
Tin	118-1	6512	6555	6695	6587	1.46	cps
Titanium	47-1	1087	1157	1293	1179	8.92	cps
Uranium	238-1	19418	20119	19769	19769	1.77	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : P2403-07 Instrumnet Name : P8
Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 14:40:47 DataFile Name : 029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1080	1070	883	1011	10.96	cps
Ytterbium	172-1	120	80	87	96	22.43	cps
Ytterbium	172-2	37	37	43	39	9.89	cps
Ytterbium	176-1	2417	2480	2267	2388	4.59	cps
Ytterbium	176-2	393	330	307	343	13.06	cps
Yttrium	89-1	25448170	26359025	24658272	25488489	3.34	cps
Yttrium	89-2	1832632	1825916	1806498	1821682	0.75	cps
Zinc	66-2	663	773	797	744	9.57	cps
Zirconium	90-1	11305	11271	11728	11435	2.23	cps
Zirconium	91-1	2480	2537	2477	2498	1.35	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : P2403-11 Instrumnet Name : P8
Client Sample ID : LOQ-WATER-05-QT2-20 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 14:54:47 DataFile Name : 033LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1233	1443	1400	1359	8.16	cps
Antimony	121-1	28146	27484	27962	27864	1.22	cps
Arsenic	75-2	250	330	233	271	19.06	cps
Barium	135-1	36242	36215	36683	36380	0.72	cps
Barium	137-1	63970	63943	63836	63917	0.11	cps
Beryllium	9-1	5489	5518	5535	5514	0.42	cps
Bismuth	209-1	11226952	11068758	10995524	11097078	1.07	cps
Bismuth	209-2	4406816	4505215	4086506	4332845	5.05	cps
Bromine	81-1	6802	6785	6705	6764	0.76	cps
Cadmium	108-1	340	353	320	338	4.97	cps
Cadmium	106-1	8022	8373	8676	8357	3.91	cps
Cadmium	111-1	5164	5354	5308	5276	1.89	cps
Calcium	43-1	27967	27974	28047	27996	0.16	cps
Calcium	44-1	445014	446689	448769	446824	0.42	cps
Carbon	12-1	2933209	2885594	2899181	2905995	0.84	cps
Carbon	12-2	19773	19056	19623	19484	1.94	cps
Chlorine	35-1	134669	135248	135450	135122	0.30	cps
Chlorine	35-2	600	460	530	530	13.21	cps
Chromium	52-2	6245	6565	6485	6432	2.59	cps
Cobalt	59-2	5921	6028	5925	5958	1.02	cps
Copper	63-2	11918	12055	11762	11912	1.23	cps
Dysprosium	156-1	43	43	47	44	4.34	cps
Dysprosium	156-2	3	7	7	6	34.70	cps
Erbium	164-1	80	127	77	94	29.60	cps
Erbium	164-2	37	43	13	31	50.64	cps
Gadolinium	160-1	67	100	70	79	23.27	cps
Gadolinium	160-2	7	17	10	11	45.82	cps
Holmium	165-1	18391926	18063522	17917016	18124155	1.34	cps
Holmium	165-2	6186382	6302716	5700283	6063127	5.27	cps
Indium	115-1	14204898	14300109	13851777	14118928	1.67	cps
Indium	115-2	1444525	1413116	1250995	1369545	7.58	cps
Iron	54-2	7038	6865	7062	6988	1.54	cps
Iron	56-2	123599	120977	122554	122377	1.08	cps
Iron	57-2	3147	3170	3047	3121	2.10	cps
Krypton	83-1	167	193	203	188	10.09	cps
Lead	206-1	12806	12937	12900	12881	0.52	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : P2403-11 Instrumnet Name : P8
Client Sample ID : LOQ-WATER-05-QT2-20 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 14:54:47 DataFile Name : 033LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	11338	11162	11512	11337	1.55	cps
Lead	208-1	51601	51714	52078	51798	0.48	cps
Lithium	6-1	7613115	7486776	7573718	7557869	0.86	cps
Magnesium	24-2	114680	114532	114855	114689	0.14	cps
Manganese	55-2	1613	1557	1557	1576	2.08	cps
Molybdenum	94-1	30149	29992	30139	30094	0.29	cps
Molybdenum	95-1	36875	36709	36641	36742	0.33	cps
Molybdenum	96-1	40124	40486	40499	40370	0.53	cps
Molybdenum	97-1	22672	22612	22495	22593	0.40	cps
Molybdenum	98-1	59226	58436	58539	58734	0.73	cps
Neodymium	150-1	30	20	13	21	39.75	cps
Neodymium	150-2	3	7	3	4	43.40	cps
Nickel	60-2	3100	2837	2820	2919	5.38	cps
Phosphorus	31-2	163	133	147	148	10.17	cps
Potassium	39-2	70059	69476	69630	69722	0.43	cps
Rhodium	103-1	13198995	13035041	13015871	13083302	0.77	cps
Rhodium	103-2	5048964	5007220	4617783	4891322	4.86	cps
Scandium	45-1	10294053	10296145	10034720	10208306	1.47	cps
Scandium	45-2	182528	186267	167425	178740	5.58	cps
Selenium	82-1	1150	1270	1073	1165	8.51	cps
Selenium	77-2	23	13	20	19	26.96	cps
Selenium	78-2	70	60	83	71	16.46	cps
Silicon	28-1	485108	488698	486590	486799	0.37	cps
Silver	107-1	18589	18766	19223	18860	1.74	cps
Silver	109-1	17575	18182	17441	17733	2.23	cps
Sodium	23-2	243191	239963	241813	241656	0.67	cps
Strontium	86-1	5281	5454	5314	5350	1.72	cps
Strontium	88-1	42695	43290	43992	43326	1.50	cps
Sulfur	34-1	451533	450245	449338	450372	0.24	cps
Terbium	159-1	18553267	18403692	18176891	18377950	1.03	cps
Terbium	159-2	6053212	6093451	5570137	5905600	4.93	cps
Thallium	203-1	14819	14715	14512	14682	1.06	cps
Thallium	205-1	35996	35398	35428	35608	0.95	cps
Tin	118-1	62478	62237	61748	62155	0.60	cps
Titanium	47-1	11968	11785	11972	11908	0.90	cps
Uranium	238-1	45314	45090	44237	44880	1.27	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : P2403-11 Instrumnet Name : P8
Client Sample ID : LOQ-WATER-05-QT2-20 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 14:54:47 DataFile Name : 033LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	11461	11545	11805	11604	1.54	cps
Ytterbium	172-1	130	103	107	113	12.82	cps
Ytterbium	172-2	50	53	43	49	10.42	cps
Ytterbium	176-1	2384	2357	2440	2394	1.78	cps
Ytterbium	176-2	320	417	353	363	13.51	cps
Yttrium	89-1	25630290	25599189	25301810	25510429	0.71	cps
Yttrium	89-2	1847062	1882059	1665432	1798184	6.47	cps
Zinc	66-2	2490	2487	2650	2542	3.67	cps
Zirconium	90-1	25804	25707	25707	25739	0.22	cps
Zirconium	91-1	5755	5798	5621	5725	1.61	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : P2409-01 Instrumnet Name : P8
Client Sample ID : MDL-WATER-QT2-2024- Dilution Factor : 1
Date & Time Acquired : 2025-01-20 15:00:00 DataFile Name : 034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	640	650	680	657	3.17	cps
Antimony	121-1	6165	5745	5941	5950	3.53	cps
Arsenic	75-2	97	117	100	104	10.26	cps
Barium	135-1	7919	8183	7899	8000	1.98	cps
Barium	137-1	13997	13483	14111	13864	2.41	cps
Beryllium	9-1	2445	2532	2459	2479	1.90	cps
Bismuth	209-1	11141562	11202052	11249585	11197733	0.48	cps
Bismuth	209-2	4228960	4213151	4284329	4242147	0.88	cps
Bromine	81-1	6448	6648	6912	6669	3.49	cps
Cadmium	108-1	133	143	143	140	4.12	cps
Cadmium	106-1	8389	7872	8259	8174	3.29	cps
Cadmium	111-1	3111	3034	3172	3106	2.22	cps
Calcium	43-1	11858	11855	11775	11829	0.40	cps
Calcium	44-1	191037	188900	188820	189586	0.66	cps
Carbon	12-1	3120426	3117956	3074247	3104210	0.84	cps
Carbon	12-2	20531	20741	20388	20553	0.87	cps
Chlorine	35-1	127220	125680	126446	126448	0.61	cps
Chlorine	35-2	420	387	443	417	6.84	cps
Chromium	52-2	2744	2727	2864	2778	2.68	cps
Cobalt	59-2	2400	2514	2717	2544	6.31	cps
Copper	63-2	6905	6865	7102	6957	1.82	cps
Dysprosium	156-1	80	50	60	63	24.12	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	83	90	113	96	16.49	cps
Erbium	164-2	30	27	33	30	11.10	cps
Gadolinium	160-1	77	80	60	72	14.84	cps
Gadolinium	160-2	13	10	23	16	44.60	cps
Holmium	165-1	18114580	18167860	18360410	18214283	0.71	cps
Holmium	165-2	5806495	5907590	6018124	5910736	1.79	cps
Indium	115-1	14205983	14141475	14217093	14188184	0.29	cps
Indium	115-2	1301496	1297202	1317290	1305329	0.81	cps
Iron	54-2	5454	5471	5624	5517	1.70	cps
Iron	56-2	100269	101518	100115	100634	0.76	cps
Iron	57-2	2640	2440	2597	2559	4.11	cps
Krypton	83-1	130	173	167	157	14.90	cps
Lead	206-1	6198	6198	6332	6243	1.23	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : P2409-01 Instrumnet Name : P8
Client Sample ID : MDL-WATER-QT2-2024- Dilution Factor : 1
Date & Time Acquired : 2025-01-20 15:00:00 DataFile Name : 034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	5421	5505	5328	5418	1.63	cps
Lead	208-1	25434	24703	24993	25043	1.47	cps
Lithium	6-1	7547801	7422933	7183590	7384775	2.51	cps
Magnesium	24-2	46527	46624	46578	46576	0.10	cps
Manganese	55-2	1207	1297	1220	1241	3.91	cps
Molybdenum	94-1	6278	6175	6005	6153	2.24	cps
Molybdenum	95-1	3504	3497	3390	3464	1.84	cps
Molybdenum	96-1	4261	4404	4491	4385	2.65	cps
Molybdenum	97-1	2244	2234	2144	2207	2.50	cps
Molybdenum	98-1	5628	5451	5498	5526	1.66	cps
Neodymium	150-1	27	30	23	27	12.51	cps
Neodymium	150-2	0	7	3	3	100.05	cps
Nickel	60-2	1890	1763	1973	1876	5.64	cps
Phosphorus	31-2	77	103	50	77	34.78	cps
Potassium	39-2	24471	23913	23392	23925	2.25	cps
Rhodium	103-1	13216930	12976751	13105756	13099812	0.92	cps
Rhodium	103-2	4788557	4692922	4817315	4766265	1.37	cps
Scandium	45-1	10165018	10195768	10136415	10165734	0.29	cps
Scandium	45-2	174620	174660	175251	174844	0.20	cps
Selenium	82-1	1150	1043	1230	1141	8.21	cps
Selenium	77-2	7	10	3	7	50.03	cps
Selenium	78-2	83	137	63	94	40.14	cps
Silicon	28-1	433862	431542	437733	434379	0.72	cps
Silver	107-1	7819	8142	7979	7980	2.03	cps
Silver	109-1	7225	7872	7792	7630	4.62	cps
Sodium	23-2	112966	111643	112990	112533	0.69	cps
Strontium	86-1	2567	2210	2394	2390	7.46	cps
Strontium	88-1	18052	18369	18285	18235	0.90	cps
Sulfur	34-1	455085	457649	460066	457600	0.54	cps
Terbium	159-1	18755933	18434844	18188805	18459861	1.54	cps
Terbium	159-2	5834504	5794685	5814029	5814406	0.34	cps
Thallium	203-1	6575	6288	6665	6509	3.02	cps
Thallium	205-1	15563	15656	15610	15609	0.30	cps
Tin	118-1	6728	6582	6462	6591	2.03	cps
Titanium	47-1	1237	1130	1147	1171	4.90	cps
Uranium	238-1	19358	19295	19285	19313	0.21	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : P2409-01 Instrumnet Name : P8
Client Sample ID : MDL-WATER-QT2-2024- Dilution Factor : 1
Date & Time Acquired : 2025-01-20 15:00:00 DataFile Name : 034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1000	927	1013	980	4.76	cps
Ytterbium	172-1	120	93	127	113	15.57	cps
Ytterbium	172-2	43	40	57	47	18.90	cps
Ytterbium	176-1	2350	2460	2287	2366	3.71	cps
Ytterbium	176-2	310	363	430	368	16.35	cps
Yttrium	89-1	25695237	25740650	25392071	25609319	0.74	cps
Yttrium	89-2	1749267	1763325	1766315	1759636	0.52	cps
Zinc	66-2	823	700	767	763	8.09	cps
Zirconium	90-1	11185	10978	11565	11242	2.65	cps
Zirconium	91-1	2637	2590	2424	2550	4.40	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : P2403-10 Instrumnet Name : P8
Client Sample ID : LOD-MDL-WATER-04-Q1 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 15:06:21 DataFile Name : 035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	630	570	603	601	5.00	cps
Antimony	121-1	5688	5601	5831	5707	2.04	cps
Arsenic	75-2	143	127	103	124	16.15	cps
Barium	135-1	7929	7629	7829	7796	1.96	cps
Barium	137-1	13704	13670	13830	13735	0.62	cps
Beryllium	9-1	2552	2424	2396	2457	3.39	cps
Bismuth	209-1	11152487	11020502	11103352	11092114	0.60	cps
Bismuth	209-2	4160443	4153091	4163144	4158893	0.13	cps
Bromine	81-1	6648	6642	6495	6595	1.31	cps
Cadmium	108-1	110	150	170	143	21.31	cps
Cadmium	106-1	8149	8286	8193	8209	0.85	cps
Cadmium	111-1	3053	3082	3110	3082	0.92	cps
Calcium	43-1	11585	11375	11568	11509	1.01	cps
Calcium	44-1	186084	186432	188062	186859	0.57	cps
Carbon	12-1	3097225	3108359	3124060	3109881	0.43	cps
Carbon	12-2	21045	20474	20501	20674	1.56	cps
Chlorine	35-1	114314	113541	112953	113602	0.60	cps
Chlorine	35-2	447	453	413	438	4.90	cps
Chromium	52-2	2314	2427	2314	2351	2.78	cps
Cobalt	59-2	2347	2564	2607	2506	5.56	cps
Copper	63-2	6728	6722	6885	6778	1.36	cps
Dysprosium	156-1	40	50	47	46	11.18	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	103	113	83	100	15.28	cps
Erbium	164-2	50	60	17	42	53.73	cps
Gadolinium	160-1	83	70	53	69	21.82	cps
Gadolinium	160-2	17	20	17	18	10.81	cps
Holmium	165-1	17829575	17932700	17755688	17839321	0.50	cps
Holmium	165-2	5863240	5771048	5842182	5825490	0.83	cps
Indium	115-1	14179099	13937488	13973314	14029967	0.93	cps
Indium	115-2	1278004	1280187	1287450	1281880	0.39	cps
Iron	54-2	5208	5388	5665	5420	4.25	cps
Iron	56-2	95860	97084	96118	96354	0.67	cps
Iron	57-2	2324	2420	2454	2399	2.81	cps
Krypton	83-1	153	173	233	187	22.30	cps
Lead	206-1	6212	6292	6218	6240	0.71	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : P2403-10 Instrumnet Name : P8
Client Sample ID : LOD-MDL-WATER-04-Q1 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 15:06:21 DataFile Name : 035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	5525	5411	5508	5481	1.12	cps
Lead	208-1	25026	24736	25183	24982	0.91	cps
Lithium	6-1	7571621	7528207	7615546	7571791	0.58	cps
Magnesium	24-2	46267	46965	46364	46532	0.81	cps
Manganese	55-2	1273	1233	1347	1285	4.48	cps
Molybdenum	94-1	5858	5878	6195	5977	3.16	cps
Molybdenum	95-1	3347	3350	3337	3345	0.21	cps
Molybdenum	96-1	4137	4307	4064	4170	2.99	cps
Molybdenum	97-1	1984	2004	2054	2014	1.79	cps
Molybdenum	98-1	5208	5311	5244	5254	1.00	cps
Neodymium	150-1	20	20	33	24	31.49	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1800	1777	1927	1835	4.40	cps
Phosphorus	31-2	103	90	103	99	7.78	cps
Potassium	39-2	23245	22841	23609	23232	1.65	cps
Rhodium	103-1	13050977	12845366	12781671	12892671	1.09	cps
Rhodium	103-2	4707257	4684048	4721434	4704246	0.40	cps
Scandium	45-1	10281436	10116514	10145243	10181065	0.87	cps
Scandium	45-2	173382	172268	173217	172956	0.35	cps
Selenium	82-1	1000	1053	967	1007	4.34	cps
Selenium	77-2	7	7	3	6	34.70	cps
Selenium	78-2	120	57	50	76	51.13	cps
Silicon	28-1	434731	434901	434661	434764	0.03	cps
Silver	107-1	7899	8203	7892	7998	2.22	cps
Silver	109-1	7445	7092	7295	7278	2.44	cps
Sodium	23-2	111727	110689	110837	111084	0.51	cps
Strontium	86-1	2377	2464	2334	2391	2.77	cps
Strontium	88-1	17801	18025	17778	17868	0.76	cps
Sulfur	34-1	448788	449053	447310	448384	0.21	cps
Terbium	159-1	18619305	18315460	18168405	18367723	1.25	cps
Terbium	159-2	5612601	5704318	5707439	5674786	0.95	cps
Thallium	203-1	6322	6368	6262	6317	0.85	cps
Thallium	205-1	15349	15529	15182	15354	1.13	cps
Tin	118-1	6131	6488	6442	6354	3.05	cps
Titanium	47-1	1203	1133	1087	1141	5.15	cps
Uranium	238-1	18831	19121	19388	19113	1.46	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : P2403-10 Instrumnet Name : P8
Client Sample ID : LOD-MDL-WATER-04-Q1 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 15:06:21 DataFile Name : 035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	890	860	897	882	2.21	cps
Ytterbium	172-1	97	103	70	90	19.60	cps
Ytterbium	172-2	13	57	43	38	58.76	cps
Ytterbium	176-1	2300	2357	2244	2300	2.46	cps
Ytterbium	176-2	323	390	327	347	10.84	cps
Yttrium	89-1	25144461	25102670	25087406	25111513	0.12	cps
Yttrium	89-2	1757679	1702351	1800060	1753363	2.79	cps
Zinc	66-2	700	680	793	724	8.35	cps
Zirconium	90-1	11041	10938	10998	10992	0.47	cps
Zirconium	91-1	2530	2410	2297	2412	4.84	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : CCV007 Instrumnet Name : P8
Client Sample ID : CCV007 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 15:20:59 DataFile Name : 038CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3147341	3162635	3168445	3159474	0.35	cps
Antimony	121-1	6934533	6890676	6841150	6888786	0.68	cps
Arsenic	75-2	121320	123539	122231	122363	0.91	cps
Barium	135-1	8974808	8915165	9012419	8967464	0.55	cps
Barium	137-1	15431366	15397457	15670914	15499912	0.96	cps
Beryllium	9-1	2429562	2424747	2449752	2434687	0.54	cps
Bismuth	209-1	9147581	9289065	9360442	9265696	1.17	cps
Bismuth	209-2	3536992	3611363	3559207	3569187	1.07	cps
Bromine	81-1	7429	7492	7219	7380	1.94	cps
Cadmium	108-1	135494	134418	135969	135294	0.59	cps
Cadmium	106-1	196163	197814	195524	196500	0.60	cps
Cadmium	111-1	1649148	1673780	1662117	1661682	0.74	cps
Calcium	43-1	13241458	13156013	13163822	13187098	0.36	cps
Calcium	44-1	211303764	211429010	212167717	211633497	0.22	cps
Carbon	12-1	3524601	3585803	3630313	3580239	1.48	cps
Carbon	12-2	28731	29817	29286	29278	1.85	cps
Chlorine	35-1	111287	112453	113080	112273	0.81	cps
Chlorine	35-2	487	463	583	511	12.45	cps
Chromium	52-2	1549690	1523555	1518409	1530551	1.10	cps
Cobalt	59-2	2690362	2662579	2703280	2685407	0.77	cps
Copper	63-2	19177506	19002394	19091392	19090431	0.46	cps
Dysprosium	156-1	477	410	503	463	10.38	cps
Dysprosium	156-2	123	97	113	111	12.13	cps
Erbium	164-1	373	487	380	413	15.39	cps
Erbium	164-2	97	110	143	117	20.60	cps
Gadolinium	160-1	413	333	357	368	11.19	cps
Gadolinium	160-2	113	137	110	120	12.11	cps
Holmium	165-1	16851985	16679124	17009364	16846824	0.98	cps
Holmium	165-2	5623090	5720657	5576560	5640102	1.30	cps
Indium	115-1	12294655	12104182	12144762	12181200	0.82	cps
Indium	115-2	1171983	1176728	1172872	1173861	0.21	cps
Iron	54-2	15278107	14888289	15074577	15080324	1.29	cps
Iron	56-2	274535309	275772363	272829496	274379056	0.54	cps
Iron	57-2	6972394	6928059	6921123	6940526	0.40	cps
Krypton	83-1	250	207	243	233	10.00	cps
Lead	206-1	27823150	27602303	28077831	27834428	0.85	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : CCV007 Instrumnet Name : P8
Client Sample ID : CCV007 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 15:20:59 DataFile Name : 038CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	23726735	23807732	24147260	23893909	0.93	cps
Lead	208-1	109586048	109772891	110644428	110001122	0.51	cps
Lithium	6-1	6324760	6381727	6434604	6380364	0.86	cps
Magnesium	24-2	54163704	53649351	54147568	53986874	0.54	cps
Manganese	55-2	6410110	6415260	6341101	6388823	0.65	cps
Molybdenum	94-1	25244565	25546658	25456301	25415841	0.61	cps
Molybdenum	95-1	36666081	36490614	36543453	36566716	0.25	cps
Molybdenum	96-1	39722855	39933129	39768992	39808325	0.28	cps
Molybdenum	97-1	22585436	22811940	22604856	22667410	0.55	cps
Molybdenum	98-1	59411689	59764839	59371802	59516110	0.36	cps
Neodymium	150-1	967	840	777	861	11.23	cps
Neodymium	150-2	77	67	63	69	10.08	cps
Nickel	60-2	733702	737998	740073	737258	0.44	cps
Phosphorus	31-2	26795	27095	26918	26936	0.56	cps
Potassium	39-2	15562969	15654191	15722935	15646698	0.51	cps
Rhodium	103-1	10923294	10772201	10841161	10845552	0.70	cps
Rhodium	103-2	4021550	4038755	3988574	4016293	0.63	cps
Scandium	45-1	9323244	9298347	9386695	9336095	0.49	cps
Scandium	45-2	166145	166836	165618	166200	0.37	cps
Selenium	82-1	104658	105649	103711	104673	0.93	cps
Selenium	77-2	1793	1683	1820	1766	4.10	cps
Selenium	78-2	6035	6038	5748	5940	2.80	cps
Silicon	28-1	20424170	20309532	20104365	20279355	0.80	cps
Silver	107-1	8611497	8515007	8694003	8606836	1.04	cps
Silver	109-1	8227988	8166187	8166242	8186806	0.44	cps
Sodium	23-2	105860908	105726912	105890222	105826014	0.08	cps
Strontium	86-1	2633966	2647534	2583429	2621643	1.29	cps
Strontium	88-1	22070836	22444756	22164253	22226615	0.88	cps
Sulfur	34-1	1100974	1072585	1078847	1084135	1.38	cps
Terbium	159-1	17046296	16958262	16986839	16997133	0.26	cps
Terbium	159-2	5462397	5416976	5495080	5458151	0.72	cps
Thallium	203-1	7112998	7126700	7203594	7147764	0.68	cps
Thallium	205-1	16939254	17139161	17064711	17047709	0.59	cps
Tin	118-1	5891831	5859975	5875379	5875728	0.27	cps
Titanium	47-1	11317226	11409040	11477779	11401348	0.71	cps
Uranium	238-1	22718394	22940481	23130905	22929927	0.90	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : CCV007 Instrumnet Name : P8
Client Sample ID : CCV007 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 15:20:59 DataFile Name : 038CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1132476	1122558	1124635	1126557	0.46	cps
Ytterbium	172-1	440	433	420	431	2.36	cps
Ytterbium	172-2	167	117	173	152	20.35	cps
Ytterbium	176-1	34983	34699	34936	34873	0.44	cps
Ytterbium	176-2	11275	11468	11535	11426	1.18	cps
Yttrium	89-1	23648275	23546436	23525022	23573245	0.28	cps
Yttrium	89-2	1704840	1693671	1689209	1695907	0.47	cps
Zinc	66-2	2046521	2030825	2035150	2037499	0.40	cps
Zirconium	90-1	12781389	12831064	12835679	12816044	0.23	cps
Zirconium	91-1	2884547	2849760	2876468	2870259	0.63	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : CCB007 Instrumnet Name : P8
Client Sample ID : CCB007 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 15:27:15 DataFile Name : 040CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	93	67	100	87	20.35	cps
Antimony	121-1	390	333	433	386	13.01	cps
Arsenic	75-2	0	10	10	7	86.60	cps
Barium	135-1	717	610	570	632	11.99	cps
Barium	137-1	1103	1027	1020	1050	4.41	cps
Beryllium	9-1	577	601	569	582	2.89	cps
Bismuth	209-1	10355849	10534232	10755946	10548676	1.90	cps
Bismuth	209-2	4116329	4193401	4168998	4159576	0.95	cps
Bromine	81-1	6788	7269	7002	7020	3.43	cps
Cadmium	108-1	37	13	33	28	45.44	cps
Cadmium	106-1	7482	7519	7712	7571	1.63	cps
Cadmium	111-1	1541	1598	1562	1567	1.84	cps
Calcium	43-1	660	590	563	604	8.26	cps
Calcium	44-1	10634	10337	10454	10475	1.43	cps
Carbon	12-1	3004901	2994676	2964471	2988016	0.70	cps
Carbon	12-2	19927	19526	19266	19573	1.70	cps
Chlorine	35-1	96032	94201	94187	94807	1.12	cps
Chlorine	35-2	387	283	343	338	15.36	cps
Chromium	52-2	607	643	517	589	11.07	cps
Cobalt	59-2	130	127	167	141	15.73	cps
Copper	63-2	3220	3134	2954	3103	4.39	cps
Dysprosium	156-1	23	37	27	29	24.03	cps
Dysprosium	156-2	7	3	10	7	50.03	cps
Erbium	164-1	70	67	77	71	7.16	cps
Erbium	164-2	30	43	40	38	18.36	cps
Gadolinium	160-1	70	77	53	67	18.03	cps
Gadolinium	160-2	13	17	13	14	13.35	cps
Holmium	165-1	16660464	17237746	17329466	17075892	2.12	cps
Holmium	165-2	5791570	5846135	5869040	5835581	0.68	cps
Indium	115-1	13213156	13587379	13521901	13440812	1.49	cps
Indium	115-2	1276182	1279334	1278690	1278069	0.13	cps
Iron	54-2	443	447	363	418	11.29	cps
Iron	56-2	6118	6135	6018	6090	1.04	cps
Iron	57-2	140	143	187	157	16.62	cps
Krypton	83-1	173	210	170	184	12.03	cps
Lead	206-1	2310	2244	2270	2275	1.48	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : CCB007 Instrumnet Name : P8
Client Sample ID : CCB007 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 15:27:15 DataFile Name : 040CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	2057	1977	1930	1988	3.22	cps
Lead	208-1	9188	8788	8738	8905	2.77	cps
Lithium	6-1	7068269	7149316	7221954	7146513	1.08	cps
Magnesium	24-2	847	827	947	873	7.36	cps
Manganese	55-2	247	277	230	251	9.42	cps
Molybdenum	94-1	620	547	567	578	6.56	cps
Molybdenum	95-1	453	390	333	392	15.31	cps
Molybdenum	96-1	407	393	390	397	2.22	cps
Molybdenum	97-1	230	157	183	190	19.53	cps
Molybdenum	98-1	617	407	610	544	21.92	cps
Neodymium	150-1	50	30	37	39	26.18	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	1027	1163	1070	1087	6.43	cps
Phosphorus	31-2	70	50	60	60	16.67	cps
Potassium	39-2	8363	8846	8663	8624	2.83	cps
Rhodium	103-1	12469717	12750111	12384959	12534929	1.52	cps
Rhodium	103-2	4644754	4649340	4660367	4651487	0.17	cps
Scandium	45-1	9751050	9767513	9818585	9779050	0.36	cps
Scandium	45-2	170124	167379	168971	168825	0.82	cps
Selenium	82-1	-7	-30	-7	-14	-93.28	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	7	20	0	9	114.55	cps
Silicon	28-1	401903	400937	401318	401386	0.12	cps
Silver	107-1	317	310	313	313	1.06	cps
Silver	109-1	240	210	290	247	16.39	cps
Sodium	23-2	30308	30823	30205	30445	1.09	cps
Strontium	86-1	400	293	357	350	15.33	cps
Strontium	88-1	443	447	453	448	1.14	cps
Sulfur	34-1	415352	415624	415347	415441	0.04	cps
Terbium	159-1	17123068	17677813	17338337	17379740	1.61	cps
Terbium	159-2	5620393	5625612	5643131	5629712	0.21	cps
Thallium	203-1	553	533	520	536	3.13	cps
Thallium	205-1	1337	1287	1207	1277	5.14	cps
Tin	118-1	1240	1427	1210	1292	9.09	cps
Titanium	47-1	200	140	163	168	18.03	cps
Uranium	238-1	103	83	63	83	24.01	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : CCB007 Instrumnet Name : P8
Client Sample ID : CCB007 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 15:27:15 DataFile Name : 040CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	13	0	10	8	89.21	cps
Ytterbium	172-1	107	73	60	80	30.05	cps
Ytterbium	172-2	33	37	43	38	13.48	cps
Ytterbium	176-1	2227	2210	2244	2227	0.75	cps
Ytterbium	176-2	280	347	353	327	12.41	cps
Yttrium	89-1	23797960	24843333	24521448	24387580	2.20	cps
Yttrium	89-2	1721804	1752312	1725358	1733158	0.96	cps
Zinc	66-2	230	290	267	262	11.54	cps
Zirconium	90-1	1023	910	1013	982	6.39	cps
Zirconium	91-1	177	143	197	172	15.64	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : P2409-03 Instrumnet Name : P8
Client Sample ID : MDL-SOIL-QT2-2024-03 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 15:33:57 DataFile Name : 042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	610	603	580	598	2.64	cps
Antimony	121-1	5971	6065	5871	5969	1.62	cps
Arsenic	75-2	97	103	107	102	4.98	cps
Barium	135-1	7616	7959	7706	7760	2.30	cps
Barium	137-1	13287	13620	13964	13624	2.49	cps
Beryllium	9-1	2561	2525	2555	2547	0.76	cps
Bismuth	209-1	10922134	10881697	10881677	10895169	0.21	cps
Bismuth	209-2	4220228	4190326	4223125	4211226	0.43	cps
Bromine	81-1	6818	6965	6982	6922	1.30	cps
Cadmium	108-1	157	147	113	139	16.33	cps
Cadmium	106-1	7846	7849	7879	7858	0.23	cps
Cadmium	111-1	2940	2994	3020	2984	1.37	cps
Calcium	43-1	11345	11478	11278	11367	0.90	cps
Calcium	44-1	183451	182387	185136	183658	0.75	cps
Carbon	12-1	3020933	3034908	3012971	3022937	0.37	cps
Carbon	12-2	20561	19396	19610	19856	3.12	cps
Chlorine	35-1	93160	92821	91426	92469	0.99	cps
Chlorine	35-2	330	413	403	382	11.90	cps
Chromium	52-2	2360	2267	2200	2276	3.53	cps
Cobalt	59-2	2607	2490	2517	2538	2.41	cps
Copper	63-2	6728	6698	6585	6671	1.13	cps
Dysprosium	156-1	40	23	33	32	26.04	cps
Dysprosium	156-2	7	0	7	4	86.60	cps
Erbium	164-1	103	100	67	90	22.53	cps
Erbium	164-2	27	20	23	23	14.29	cps
Gadolinium	160-1	53	50	77	60	24.22	cps
Gadolinium	160-2	23	20	17	20	16.65	cps
Holmium	165-1	17841292	17606372	17707386	17718350	0.67	cps
Holmium	165-2	5975990	5969229	5896415	5947211	0.74	cps
Indium	115-1	13848382	13923754	13754460	13842199	0.61	cps
Indium	115-2	1307841	1310743	1313756	1310780	0.23	cps
Iron	54-2	5408	5478	5494	5460	0.84	cps
Iron	56-2	96775	96809	96107	96564	0.41	cps
Iron	57-2	2420	2474	2277	2390	4.26	cps
Krypton	83-1	180	133	197	170	19.31	cps
Lead	206-1	6652	6752	6849	6751	1.46	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : P2409-03 Instrumnet Name : P8
Client Sample ID : MDL-SOIL-QT2-2024-03 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 15:33:57 DataFile Name : 042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	6195	6105	6091	6130	0.92	cps
Lead	208-1	27241	27448	27028	27239	0.77	cps
Lithium	6-1	7409433	7633950	7344818	7462734	2.03	cps
Magnesium	24-2	45243	45805	45277	45442	0.69	cps
Manganese	55-2	1460	1353	1310	1375	5.62	cps
Molybdenum	94-1	5628	5795	5865	5762	2.11	cps
Molybdenum	95-1	3214	3164	3320	3233	2.48	cps
Molybdenum	96-1	4081	4054	4274	4136	2.90	cps
Molybdenum	97-1	1920	2190	2067	2059	6.57	cps
Molybdenum	98-1	5424	5234	5378	5346	1.85	cps
Neodymium	150-1	27	27	30	28	6.92	cps
Neodymium	150-2	10	3	7	7	50.03	cps
Nickel	60-2	1933	1873	1787	1865	3.95	cps
Phosphorus	31-2	80	90	80	83	6.93	cps
Potassium	39-2	23392	24174	23773	23780	1.64	cps
Rhodium	103-1	13139037	12911632	12997449	13016039	0.88	cps
Rhodium	103-2	4751031	4798691	4730956	4760226	0.73	cps
Scandium	45-1	10007619	10072235	10121146	10067000	0.57	cps
Scandium	45-2	171931	172404	172145	172160	0.14	cps
Selenium	82-1	1127	1120	1133	1127	0.59	cps
Selenium	77-2	20	13	10	14	35.26	cps
Selenium	78-2	57	57	47	53	10.82	cps
Silicon	28-1	424015	428236	426616	426289	0.50	cps
Silver	107-1	7729	7939	7962	7877	1.63	cps
Silver	109-1	7212	7369	7585	7389	2.54	cps
Sodium	23-2	114582	113453	113191	113742	0.65	cps
Strontium	86-1	2204	2394	2220	2272	4.63	cps
Strontium	88-1	17982	18179	17775	17978	1.12	cps
Sulfur	34-1	407054	406987	407745	407262	0.10	cps
Terbium	159-1	17942566	17987480	17899846	17943297	0.24	cps
Terbium	159-2	5768480	5811328	5775944	5785251	0.40	cps
Thallium	203-1	6395	6248	6298	6314	1.18	cps
Thallium	205-1	15252	15313	14899	15155	1.48	cps
Tin	118-1	6342	6535	6305	6394	1.93	cps
Titanium	47-1	1153	1087	1060	1100	4.37	cps
Uranium	238-1	18984	18457	18507	18649	1.56	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : P2409-03 Instrumnet Name : P8
Client Sample ID : MDL-SOIL-QT2-2024-03 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 15:33:57 DataFile Name : 042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	897	893	1077	956	10.98	cps
Ytterbium	172-1	107	147	87	113	26.96	cps
Ytterbium	172-2	50	43	37	43	15.38	cps
Ytterbium	176-1	2107	2260	2207	2191	3.55	cps
Ytterbium	176-2	280	343	330	318	10.51	cps
Yttrium	89-1	25315362	25453401	25310840	25359868	0.32	cps
Yttrium	89-2	1771755	1754008	1790600	1772121	1.03	cps
Zinc	66-2	770	707	767	748	4.77	cps
Zirconium	90-1	11068	10878	10871	10939	1.02	cps
Zirconium	91-1	2477	2314	2374	2388	3.46	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : PBW Instrumnet Name : P8
Client Sample ID : PBW Dilution Factor : 1
Date & Time Acquired : 2025-01-20 15:48:25 DataFile Name : 045CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	113	43	73	77	45.81	cps
Antimony	121-1	117	117	77	103	22.35	cps
Arsenic	75-2	3	3	10	6	69.34	cps
Barium	135-1	333	373	293	333	12.00	cps
Barium	137-1	573	533	550	552	3.64	cps
Beryllium	9-1	400	371	394	388	3.89	cps
Bismuth	209-1	10855018	10772755	10808580	10812118	0.38	cps
Bismuth	209-2	4232942	4306623	4243822	4261129	0.93	cps
Bromine	81-1	6682	7032	6602	6772	3.38	cps
Cadmium	108-1	50	20	33	34	43.64	cps
Cadmium	106-1	7642	7729	7606	7659	0.83	cps
Cadmium	111-1	1543	1575	1528	1549	1.56	cps
Calcium	43-1	523	520	610	551	9.26	cps
Calcium	44-1	10307	10017	10300	10208	1.62	cps
Carbon	12-1	2995163	2939759	2976712	2970545	0.95	cps
Carbon	12-2	19853	19636	19970	19820	0.85	cps
Chlorine	35-1	113322	112157	111478	112319	0.83	cps
Chlorine	35-2	447	430	417	431	3.49	cps
Chromium	52-2	657	517	617	597	12.09	cps
Cobalt	59-2	143	120	147	137	10.63	cps
Copper	63-2	3190	3204	3297	3230	1.80	cps
Dysprosium	156-1	40	30	33	34	14.78	cps
Dysprosium	156-2	0	0	10	3	173.21	cps
Erbium	164-1	67	107	103	92	24.06	cps
Erbium	164-2	17	23	37	26	39.85	cps
Gadolinium	160-1	60	77	53	63	18.98	cps
Gadolinium	160-2	23	17	23	21	18.21	cps
Holmium	165-1	17485781	17745422	17331891	17521031	1.19	cps
Holmium	165-2	5824154	5992319	5899998	5905490	1.43	cps
Indium	115-1	13821058	13679545	13702338	13734314	0.55	cps
Indium	115-2	1288770	1303386	1298502	1296886	0.57	cps
Iron	54-2	363	453	383	400	11.81	cps
Iron	56-2	5891	5681	5738	5770	1.88	cps
Iron	57-2	150	173	153	159	7.94	cps
Krypton	83-1	170	173	177	173	1.92	cps
Lead	206-1	1500	1507	1547	1518	1.66	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : PBW Instrumnet Name : P8
Client Sample ID : PBW Dilution Factor : 1
Date & Time Acquired : 2025-01-20 15:48:25 DataFile Name : 045CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1330	1320	1263	1305	2.76	cps
Lead	208-1	5937	5844	5924	5902	0.86	cps
Lithium	6-1	7432731	7365946	7532235	7443637	1.12	cps
Magnesium	24-2	990	903	997	963	5.41	cps
Manganese	55-2	207	280	193	227	20.59	cps
Molybdenum	94-1	413	333	433	393	13.45	cps
Molybdenum	95-1	167	157	163	162	3.14	cps
Molybdenum	96-1	210	227	180	206	11.51	cps
Molybdenum	97-1	103	120	110	111	7.55	cps
Molybdenum	98-1	213	240	260	238	9.85	cps
Neodymium	150-1	17	20	17	18	10.81	cps
Neodymium	150-2	0	3	7	3	100.05	cps
Nickel	60-2	1183	1193	1327	1235	6.48	cps
Phosphorus	31-2	50	80	47	59	31.17	cps
Potassium	39-2	7912	7822	8066	7933	1.55	cps
Rhodium	103-1	12804264	12535862	12763823	12701316	1.14	cps
Rhodium	103-2	4712753	4767186	4728383	4736107	0.59	cps
Scandium	45-1	9953431	10107995	10027464	10029630	0.77	cps
Scandium	45-2	172377	173692	171237	172435	0.71	cps
Selenium	82-1	27	-17	-20	-3	-781.11	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	3	17	3	8	99.04	cps
Silicon	28-1	393622	394445	390726	392931	0.50	cps
Silver	107-1	240	227	207	224	7.48	cps
Silver	109-1	140	117	150	136	12.62	cps
Sodium	23-2	24467	24604	24617	24563	0.34	cps
Strontium	86-1	337	343	303	328	6.54	cps
Strontium	88-1	530	453	487	490	7.85	cps
Sulfur	34-1	433901	429746	432155	431934	0.48	cps
Terbium	159-1	17910090	18028786	17970907	17969928	0.33	cps
Terbium	159-2	5804831	5727348	5747549	5759909	0.70	cps
Thallium	203-1	307	400	337	348	13.70	cps
Thallium	205-1	840	837	890	856	3.49	cps
Tin	118-1	1170	1150	1220	1180	3.06	cps
Titanium	47-1	127	153	173	151	15.49	cps
Uranium	238-1	40	50	50	47	12.37	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : PBW Instrumnet Name : P8
Client Sample ID : PBW Dilution Factor : 1
Date & Time Acquired : 2025-01-20 15:48:25 DataFile Name : 045CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	7	7	3	6	34.70	cps
Ytterbium	172-1	97	90	103	97	6.90	cps
Ytterbium	172-2	27	37	47	37	27.27	cps
Ytterbium	176-1	2290	2304	2120	2238	4.57	cps
Ytterbium	176-2	387	353	290	343	14.30	cps
Yttrium	89-1	25223110	24823169	24768499	24938259	1.00	cps
Yttrium	89-2	1759890	1786116	1768992	1771666	0.75	cps
Zinc	66-2	250	200	277	242	16.07	cps
Zirconium	90-1	890	927	943	920	2.97	cps
Zirconium	91-1	183	203	203	197	5.87	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : LCSW Instrumnet Name : P8
Client Sample ID : LCSW Dilution Factor : 1
Date & Time Acquired : 2025-01-20 15:51:47 DataFile Name : 046LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2530	2547	2607	2561	1.57	cps
Antimony	121-1	54314	54769	55120	54734	0.74	cps
Arsenic	75-2	510	570	537	539	5.58	cps
Barium	135-1	70780	72606	72533	71973	1.44	cps
Barium	137-1	125111	125115	126242	125489	0.52	cps
Beryllium	9-1	10753	10868	10804	10808	0.53	cps
Bismuth	209-1	10630998	10784697	10708590	10708095	0.72	cps
Bismuth	209-2	4102985	4081322	4121552	4101953	0.49	cps
Bromine	81-1	6632	6228	6505	6455	3.20	cps
Cadmium	108-1	577	670	660	636	8.06	cps
Cadmium	106-1	8553	8356	8456	8455	1.16	cps
Cadmium	111-1	8596	8501	8685	8594	1.07	cps
Calcium	43-1	53429	53974	54453	53952	0.95	cps
Calcium	44-1	874776	870778	872848	872801	0.23	cps
Carbon	12-1	2991067	2945830	2916418	2951105	1.27	cps
Carbon	12-2	19403	19436	19807	19549	1.15	cps
Chlorine	35-1	1386088	1530372	1630310	1515590	8.10	cps
Chlorine	35-2	6471	6445	6328	6415	1.19	cps
Chromium	52-2	11998	12686	12285	12323	2.80	cps
Cobalt	59-2	11235	11421	11768	11475	2.36	cps
Copper	63-2	21773	21436	21700	21637	0.82	cps
Dysprosium	156-1	60	53	40	51	19.92	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	87	97	93	92	5.52	cps
Erbium	164-2	20	30	27	26	19.92	cps
Gadolinium	160-1	67	63	90	73	19.81	cps
Gadolinium	160-2	23	13	27	21	32.88	cps
Holmium	165-1	17525708	17490813	16766381	17260967	2.48	cps
Holmium	165-2	5738021	5703331	5734677	5725343	0.33	cps
Indium	115-1	13427796	13427381	13515494	13456890	0.38	cps
Indium	115-2	1256893	1261751	1263232	1260625	0.26	cps
Iron	54-2	51021	51195	50291	50836	0.94	cps
Iron	56-2	933434	925204	930062	929567	0.45	cps
Iron	57-2	22832	23479	23710	23340	1.95	cps
Krypton	83-1	163	160	167	163	2.04	cps
Lead	206-1	24770	25502	25472	25248	1.64	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : LCSW Instrumnet Name : P8
Client Sample ID : LCSW Dilution Factor : 1
Date & Time Acquired : 2025-01-20 15:51:47 DataFile Name : 046LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	21885	21638	21942	21822	0.74	cps
Lead	208-1	99218	100720	101111	100350	1.00	cps
Lithium	6-1	7260339	7434014	7390966	7361773	1.23	cps
Magnesium	24-2	213750	214288	211244	213094	0.76	cps
Manganese	55-2	2980	2890	2980	2950	1.76	cps
Molybdenum	94-1	60400	60069	60263	60244	0.28	cps
Molybdenum	95-1	71402	72585	73121	72369	1.22	cps
Molybdenum	96-1	79821	79405	80230	79819	0.52	cps
Molybdenum	97-1	44434	45551	44936	44974	1.24	cps
Molybdenum	98-1	115388	116117	116907	116137	0.65	cps
Neodymium	150-1	23	43	27	31	34.44	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	4214	4131	4077	4141	1.66	cps
Phosphorus	31-2	250	207	157	204	22.84	cps
Potassium	39-2	131845	128896	130608	130450	1.14	cps
Rhodium	103-1	12437270	12489530	12502754	12476518	0.28	cps
Rhodium	103-2	4643984	4603413	4539808	4595735	1.14	cps
Scandium	45-1	9904927	9788663	9649636	9781075	1.31	cps
Scandium	45-2	166084	169072	169456	168204	1.10	cps
Selenium	82-1	2314	2370	2334	2339	1.23	cps
Selenium	77-2	37	37	50	41	18.72	cps
Selenium	78-2	113	123	163	133	19.84	cps
Silicon	28-1	697965	699299	696399	697888	0.21	cps
Silver	107-1	36732	37451	37260	37148	1.00	cps
Silver	109-1	34279	35345	35145	34923	1.62	cps
Sodium	23-2	454640	459544	450005	454730	1.05	cps
Strontium	86-1	10247	10087	10254	10196	0.93	cps
Strontium	88-1	83410	85566	85996	84991	1.63	cps
Sulfur	34-1	429373	425367	425261	426667	0.55	cps
Terbium	159-1	17639010	17572173	17472898	17561361	0.48	cps
Terbium	159-2	5622729	5654317	5612856	5629967	0.38	cps
Thallium	203-1	29176	29998	30021	29732	1.62	cps
Thallium	205-1	71147	70802	70889	70946	0.25	cps
Tin	118-1	121049	122116	122322	121829	0.56	cps
Titanium	47-1	26558	26879	26788	26742	0.62	cps
Uranium	238-1	90584	90926	91638	91049	0.59	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : LCSW Instrumnet Name : P8
Client Sample ID : LCSW Dilution Factor : 1
Date & Time Acquired : 2025-01-20 15:51:47 DataFile Name : 046LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	23433	23443	23543	23473	0.26	cps
Ytterbium	172-1	87	83	117	96	19.21	cps
Ytterbium	172-2	27	43	40	37	24.04	cps
Ytterbium	176-1	2387	2384	2127	2299	6.49	cps
Ytterbium	176-2	373	430	380	394	7.85	cps
Yttrium	89-1	24497912	24692679	24280137	24490243	0.84	cps
Yttrium	89-2	1698550	1699552	1693812	1697305	0.18	cps
Zinc	66-2	5058	4634	4768	4820	4.49	cps
Zirconium	90-1	50738	51113	51662	51171	0.91	cps
Zirconium	91-1	11031	11268	11421	11240	1.75	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : PBS Instrumnet Name : P8
Client Sample ID : PBS Dilution Factor : 1
Date & Time Acquired : 2025-01-20 15:55:09 DataFile Name : 047CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	87	90	87	3.85	cps
Antimony	121-1	93	93	83	90	6.42	cps
Arsenic	75-2	0	0	3	1	173.21	cps
Barium	135-1	273	293	310	292	6.28	cps
Barium	137-1	507	530	527	521	2.42	cps
Beryllium	9-1	351	319	312	327	6.35	cps
Bismuth	209-1	10659631	10728388	10662562	10683527	0.36	cps
Bismuth	209-2	4098017	4057983	4131803	4095934	0.90	cps
Bromine	81-1	6665	6351	6395	6470	2.63	cps
Cadmium	108-1	33	23	13	23	42.86	cps
Cadmium	106-1	7459	7339	7525	7441	1.27	cps
Cadmium	111-1	1505	1491	1519	1505	0.92	cps
Calcium	43-1	587	530	600	572	6.50	cps
Calcium	44-1	10290	9640	9583	9838	3.99	cps
Carbon	12-1	2939421	2944120	2936530	2940023	0.13	cps
Carbon	12-2	19226	19400	18862	19163	1.43	cps
Chlorine	35-1	177316	162282	153366	164321	7.37	cps
Chlorine	35-2	507	527	483	506	4.29	cps
Chromium	52-2	627	497	580	568	11.60	cps
Cobalt	59-2	110	117	117	114	3.36	cps
Copper	63-2	2947	3097	3037	3027	2.49	cps
Dysprosium	156-1	57	50	53	53	6.25	cps
Dysprosium	156-2	3	3	7	4	43.40	cps
Erbium	164-1	90	70	90	83	13.86	cps
Erbium	164-2	17	27	20	21	24.12	cps
Gadolinium	160-1	73	63	70	69	7.39	cps
Gadolinium	160-2	10	13	17	13	25.01	cps
Holmium	165-1	17364417	16864015	17137008	17121813	1.46	cps
Holmium	165-2	5627782	5751837	5782907	5720842	1.43	cps
Indium	115-1	13585008	13552972	13456069	13531350	0.50	cps
Indium	115-2	1231403	1259700	1260098	1250400	1.32	cps
Iron	54-2	333	523	387	414	23.65	cps
Iron	56-2	5361	5795	5084	5413	6.61	cps
Iron	57-2	137	127	117	127	7.89	cps
Krypton	83-1	197	140	147	161	19.22	cps
Lead	206-1	1527	1450	1347	1441	6.27	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : PBS Instrumnet Name : P8
Client Sample ID : PBS Dilution Factor : 1
Date & Time Acquired : 2025-01-20 15:55:09 DataFile Name : 047CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1177	1243	1100	1173	6.11	cps
Lead	208-1	5561	5701	5267	5509	4.01	cps
Lithium	6-1	7400439	7288499	7552767	7413902	1.79	cps
Magnesium	24-2	927	1013	940	960	4.86	cps
Manganese	55-2	257	210	223	230	10.45	cps
Molybdenum	94-1	423	320	373	372	13.88	cps
Molybdenum	95-1	187	180	130	166	18.71	cps
Molybdenum	96-1	233	210	233	226	5.97	cps
Molybdenum	97-1	120	67	113	100	29.06	cps
Molybdenum	98-1	180	203	210	198	7.97	cps
Neodymium	150-1	10	27	20	19	44.42	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	1147	1207	1123	1159	3.71	cps
Phosphorus	31-2	40	67	63	57	25.64	cps
Potassium	39-2	7479	7262	7395	7379	1.48	cps
Rhodium	103-1	12566623	12403486	12406648	12458919	0.75	cps
Rhodium	103-2	4472474	4547351	4496226	4505350	0.85	cps
Scandium	45-1	9551659	9755668	9652204	9653177	1.06	cps
Scandium	45-2	163956	168930	167007	166631	1.51	cps
Selenium	82-1	-43	57	53	22	255.57	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	17	3	7	132.33	cps
Silicon	28-1	390353	389376	389695	389808	0.13	cps
Silver	107-1	350	353	283	329	12.01	cps
Silver	109-1	277	230	210	239	14.32	cps
Sodium	23-2	22224	23098	23058	22793	2.17	cps
Strontium	86-1	293	310	270	291	6.90	cps
Strontium	88-1	533	427	510	490	11.44	cps
Sulfur	34-1	415023	411839	412275	413046	0.42	cps
Terbium	159-1	17505391	17603416	17383596	17497468	0.63	cps
Terbium	159-2	5451430	5513493	5560045	5508323	0.99	cps
Thallium	203-1	360	290	343	331	11.04	cps
Thallium	205-1	913	853	813	860	5.85	cps
Tin	118-1	1210	1621	1283	1371	15.97	cps
Titanium	47-1	173	127	143	148	16.00	cps
Uranium	238-1	7	50	37	31	71.33	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : PBS Instrumnet Name : P8
Client Sample ID : PBS Dilution Factor : 1
Date & Time Acquired : 2025-01-20 15:55:09 DataFile Name : 047CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	0	23	17	13	90.13	cps
Ytterbium	172-1	87	73	40	67	36.06	cps
Ytterbium	172-2	23	13	33	23	42.86	cps
Ytterbium	176-1	2200	2240	2224	2221	0.90	cps
Ytterbium	176-2	300	307	360	322	10.21	cps
Yttrium	89-1	24210286	24197113	24312999	24240133	0.26	cps
Yttrium	89-2	1668902	1658765	1710729	1679465	1.64	cps
Zinc	66-2	317	220	273	270	17.93	cps
Zirconium	90-1	913	837	857	869	4.58	cps
Zirconium	91-1	203	153	147	168	18.46	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : LCSS Instrumnet Name : P8
Client Sample ID : LCSS Dilution Factor : 1
Date & Time Acquired : 2025-01-20 15:58:31 DataFile Name : 048LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2764	2750	2607	2707	3.21	cps
Antimony	121-1	55077	55171	55381	55210	0.28	cps
Arsenic	75-2	627	580	550	586	6.60	cps
Barium	135-1	71172	72084	72449	71902	0.91	cps
Barium	137-1	125562	125118	127309	125997	0.92	cps
Beryllium	9-1	10858	11042	10969	10956	0.85	cps
Bismuth	209-1	10659162	10623982	10637193	10640112	0.17	cps
Bismuth	209-2	4135824	4074482	4147276	4119194	0.95	cps
Bromine	81-1	6425	6495	6245	6388	2.02	cps
Cadmium	108-1	637	587	600	608	4.26	cps
Cadmium	106-1	8416	8122	8413	8317	2.03	cps
Cadmium	111-1	8766	8309	8821	8632	3.26	cps
Calcium	43-1	54914	55821	55831	55522	0.95	cps
Calcium	44-1	874328	874807	877049	875395	0.17	cps
Carbon	12-1	2833304	2860006	2893259	2862190	1.05	cps
Carbon	12-2	18879	19006	19119	19001	0.63	cps
Chlorine	35-1	1473512	1621264	1714820	1603199	7.59	cps
Chlorine	35-2	6618	6415	6305	6446	2.47	cps
Chromium	52-2	12312	11658	11631	11867	3.25	cps
Cobalt	59-2	11451	11662	11481	11531	0.99	cps
Copper	63-2	21747	22034	21780	21854	0.72	cps
Dysprosium	156-1	33	67	27	42	50.76	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Erbium	164-1	80	87	67	78	13.09	cps
Erbium	164-2	30	30	30	30	0.00	cps
Gadolinium	160-1	40	70	80	63	32.87	cps
Gadolinium	160-2	10	20	27	19	44.42	cps
Holmium	165-1	16757620	17060440	16981851	16933304	0.93	cps
Holmium	165-2	5731186	5787044	5725903	5748044	0.59	cps
Indium	115-1	13346593	13386627	13314392	13349204	0.27	cps
Indium	115-2	1273399	1274714	1268547	1272220	0.26	cps
Iron	54-2	51817	51536	52536	51963	0.99	cps
Iron	56-2	942824	932308	941523	938885	0.61	cps
Iron	57-2	24167	23029	23767	23654	2.44	cps
Krypton	83-1	173	170	167	170	1.96	cps
Lead	206-1	25478	25578	25465	25507	0.24	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : LCSS Instrumnet Name : P8
Client Sample ID : LCSS Dilution Factor : 1
Date & Time Acquired : 2025-01-20 15:58:31 DataFile Name : 048LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	22116	21732	22236	22028	1.20	cps
Lead	208-1	101623	100659	100903	101062	0.50	cps
Lithium	6-1	7161450	7292776	7370631	7274952	1.45	cps
Magnesium	24-2	216527	215756	216514	216265	0.20	cps
Manganese	55-2	2777	2980	2884	2880	3.53	cps
Molybdenum	94-1	60377	59640	60119	60045	0.62	cps
Molybdenum	95-1	72454	72373	73479	72769	0.85	cps
Molybdenum	96-1	80776	79844	81098	80573	0.81	cps
Molybdenum	97-1	45310	44247	45444	45000	1.46	cps
Molybdenum	98-1	116396	117841	116463	116900	0.70	cps
Neodymium	150-1	13	17	20	17	20.01	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	4011	4497	4524	4344	6.65	cps
Phosphorus	31-2	220	170	217	202	13.82	cps
Potassium	39-2	133497	135374	132824	133899	0.99	cps
Rhodium	103-1	12290278	12484402	12397386	12390689	0.78	cps
Rhodium	103-2	4592929	4577316	4574516	4581587	0.22	cps
Scandium	45-1	9555407	9781997	9695066	9677490	1.18	cps
Scandium	45-2	168538	167298	169276	168371	0.59	cps
Selenium	82-1	2254	2180	2374	2269	4.30	cps
Selenium	77-2	37	37	27	33	17.32	cps
Selenium	78-2	113	177	150	147	21.68	cps
Silicon	28-1	690641	690278	692517	691145	0.17	cps
Silver	107-1	36244	37043	37374	36887	1.57	cps
Silver	109-1	35188	36248	35218	35551	1.70	cps
Sodium	23-2	461538	459048	461289	460625	0.30	cps
Strontium	86-1	10064	10441	9980	10162	2.41	cps
Strontium	88-1	84457	86855	85151	85487	1.44	cps
Sulfur	34-1	420707	417937	422205	420283	0.52	cps
Terbium	159-1	17257140	17434276	17590941	17427452	0.96	cps
Terbium	159-2	5618258	5654737	5586433	5619809	0.61	cps
Thallium	203-1	30412	30239	30265	30305	0.31	cps
Thallium	205-1	71479	71365	72806	71883	1.11	cps
Tin	118-1	120595	121351	121648	121198	0.45	cps
Titanium	47-1	23065	23205	23456	23242	0.85	cps
Uranium	238-1	90161	92182	91098	91147	1.11	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : LCSS Instrumnet Name : P8
Client Sample ID : LCSS Dilution Factor : 1
Date & Time Acquired : 2025-01-20 15:58:31 DataFile Name : 048LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	23716	23723	23620	23686	0.24	cps
Ytterbium	172-1	93	127	67	96	31.46	cps
Ytterbium	172-2	27	43	23	31	34.44	cps
Ytterbium	176-1	2254	2300	2410	2321	3.47	cps
Ytterbium	176-2	333	350	383	356	7.16	cps
Yttrium	89-1	23958648	24313805	24186144	24152865	0.74	cps
Yttrium	89-2	1719738	1736146	1713637	1723174	0.68	cps
Zinc	66-2	4914	4874	4864	4884	0.54	cps
Zirconium	90-1	52164	51980	51163	51769	1.03	cps
Zirconium	91-1	11345	11555	11125	11341	1.90	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : PBS 6020 Instrumnet Name : P8
Client Sample ID : PBS 6020 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 16:06:24 DataFile Name : 049CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	73	90	82	10.20	cps
Antimony	121-1	110	113	73	99	22.45	cps
Arsenic	75-2	3	0	0	1	173.21	cps
Barium	135-1	260	317	263	280	11.36	cps
Barium	137-1	463	483	427	458	6.28	cps
Beryllium	9-1	289	299	306	298	2.95	cps
Bismuth	209-1	9051051	10505912	10593922	10050295	8.62	cps
Bismuth	209-2	4204971	4062320	4106119	4124470	1.77	cps
Bromine	81-1	6552	6528	6635	6572	0.85	cps
Cadmium	108-1	20	43	23	29	43.68	cps
Cadmium	106-1	6218	7079	7435	6911	9.05	cps
Cadmium	111-1	1260	1395	1491	1382	8.41	cps
Calcium	43-1	607	533	550	563	6.82	cps
Calcium	44-1	9897	10240	9800	9979	2.32	cps
Carbon	12-1	2779692	2762644	2819320	2787219	1.04	cps
Carbon	12-2	18936	18532	18842	18770	1.13	cps
Chlorine	35-1	116481	116151	114497	115710	0.92	cps
Chlorine	35-2	390	443	497	443	12.03	cps
Chromium	52-2	567	517	553	546	4.75	cps
Cobalt	59-2	80	100	97	92	11.62	cps
Copper	63-2	3244	3127	3204	3192	1.86	cps
Dysprosium	156-1	43	37	27	36	23.58	cps
Dysprosium	156-2	0	0	10	3	173.21	cps
Erbium	164-1	87	103	90	93	9.45	cps
Erbium	164-2	27	17	10	18	47.19	cps
Gadolinium	160-1	93	63	83	80	19.09	cps
Gadolinium	160-2	10	20	3	11	75.52	cps
Holmium	165-1	14485901	17183713	17261842	16310485	9.69	cps
Holmium	165-2	5821845	5688295	5799919	5770019	1.24	cps
Indium	115-1	11323178	13439828	13422319	12728442	9.56	cps
Indium	115-2	1291686	1264487	1270941	1275705	1.11	cps
Iron	54-2	480	420	433	444	7.09	cps
Iron	56-2	6882	6645	7038	6855	2.89	cps
Iron	57-2	183	163	183	177	6.54	cps
Krypton	83-1	120	183	193	166	24.02	cps
Lead	206-1	1267	1123	1300	1230	7.63	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : PBS 6020 Instrumnet Name : P8
Client Sample ID : PBS 6020 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 16:06:24 DataFile Name : 049CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1017	1037	1113	1056	4.83	cps
Lead	208-1	4984	4904	5074	4987	1.71	cps
Lithium	6-1	6262525	7090826	7364131	6905827	8.31	cps
Magnesium	24-2	1070	973	927	990	7.38	cps
Manganese	55-2	190	207	183	193	6.22	cps
Molybdenum	94-1	290	293	300	294	1.73	cps
Molybdenum	95-1	123	127	180	143	22.18	cps
Molybdenum	96-1	193	227	190	203	9.97	cps
Molybdenum	97-1	57	83	107	82	30.43	cps
Molybdenum	98-1	230	180	207	206	12.17	cps
Neodymium	150-1	30	10	17	19	53.91	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1193	1133	1050	1126	6.40	cps
Phosphorus	31-2	30	57	53	47	31.14	cps
Potassium	39-2	7389	7272	7665	7442	2.72	cps
Rhodium	103-1	10656073	12480857	12516380	11884437	8.95	cps
Rhodium	103-2	4732163	4574166	4604165	4636831	1.81	cps
Scandium	45-1	8245982	9561105	9641341	9149476	8.56	cps
Scandium	45-2	171571	167578	169884	169678	1.18	cps
Selenium	82-1	40	17	-30	9	401.07	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	3	10	10	8	49.52	cps
Silicon	28-1	391084	391619	394398	392367	0.45	cps
Silver	107-1	230	187	263	227	16.96	cps
Silver	109-1	90	107	127	108	17.03	cps
Sodium	23-2	22621	22548	22644	22604	0.22	cps
Strontium	86-1	310	367	327	334	8.71	cps
Strontium	88-1	463	507	510	493	5.28	cps
Sulfur	34-1	426407	428324	426832	427188	0.24	cps
Terbium	159-1	14803908	17184520	17765230	16584553	9.46	cps
Terbium	159-2	5745086	5579589	5557746	5627474	1.82	cps
Thallium	203-1	237	340	320	299	18.34	cps
Thallium	205-1	677	647	707	677	4.43	cps
Tin	118-1	1243	1424	1230	1299	8.32	cps
Titanium	47-1	143	193	140	159	18.80	cps
Uranium	238-1	17	13	33	21	50.75	cps

LB Number :

LB134353

Operator :

Jaswal

Lab Sample ID :

PBS 6020

Instrumnet Name :

P8

Client Sample ID :

PBS 6020

Dilution Factor :

1

Date & Time Acquired :

2025-01-20 16:06:24

DataFile Name :

049CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	0	10	3	4	114.60	cps
Ytterbium	172-1	97	80	110	96	15.73	cps
Ytterbium	172-2	40	53	33	42	24.12	cps
Ytterbium	176-1	1800	2217	2190	2069	11.27	cps
Ytterbium	176-2	343	297	333	324	7.57	cps
Yttrium	89-1	20553326	24292703	24602894	23149641	9.74	cps
Yttrium	89-2	1761552	1681533	1695282	1712789	2.50	cps
Zinc	66-2	260	240	227	242	6.93	cps
Zirconium	90-1	800	787	813	800	1.67	cps
Zirconium	91-1	187	133	200	173	20.35	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : LCSS 6020 Instrumnet Name : P8
Client Sample ID : LCSS 6020 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 16:09:47 DataFile Name : 050LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	617650	626537	633489	625892	1.27	cps
Antimony	121-1	7281640	7349949	7431266	7354285	1.02	cps
Arsenic	75-2	129592	132113	131379	131028	0.99	cps
Barium	135-1	9381659	9464087	9475918	9440555	0.54	cps
Barium	137-1	16224327	16290813	16275927	16263689	0.21	cps
Beryllium	9-1	2634616	2611955	2564520	2603697	1.37	cps
Bismuth	209-1	10113046	10189485	10263852	10188794	0.74	cps
Bismuth	209-2	4375514	4036616	3881803	4097978	6.16	cps
Bromine	81-1	6835	7022	6792	6883	1.78	cps
Cadmium	108-1	147414	148304	150229	148649	0.97	cps
Cadmium	106-1	211919	218194	213908	214673	1.49	cps
Cadmium	111-1	1825812	1851311	1870784	1849302	1.22	cps
Calcium	43-1	2736203	2808657	2821773	2788877	1.65	cps
Calcium	44-1	43671504	44575248	44589759	44278837	1.19	cps
Carbon	12-1	3289868	3388708	3450472	3376349	2.40	cps
Carbon	12-2	24397	24374	24778	24516	0.93	cps
Chlorine	35-1	121074	122375	122466	121972	0.64	cps
Chlorine	35-2	527	427	523	492	11.54	cps
Chromium	52-2	1595034	1586886	1585310	1589077	0.33	cps
Cobalt	59-2	2947702	2960372	2903433	2937169	1.02	cps
Copper	63-2	21427555	21486145	21463713	21459137	0.14	cps
Dysprosium	156-1	227	207	187	207	9.68	cps
Dysprosium	156-2	43	37	43	41	9.35	cps
Erbium	164-1	197	147	150	164	17.00	cps
Erbium	164-2	43	47	47	46	4.23	cps
Gadolinium	160-1	133	133	103	123	14.05	cps
Gadolinium	160-2	27	23	53	34	47.73	cps
Holmium	165-1	17213503	17250823	17209866	17224731	0.13	cps
Holmium	165-2	6509469	5980017	5797425	6095637	6.07	cps
Indium	115-1	12880092	13250905	13145742	13092246	1.46	cps
Indium	115-2	1363420	1272986	1233967	1290124	5.15	cps
Iron	54-2	3269490	3246511	3277065	3264356	0.49	cps
Iron	56-2	58442392	58508387	58060151	58336977	0.41	cps
Iron	57-2	1505440	1487263	1483191	1491965	0.79	cps
Krypton	83-1	213	240	237	230	6.32	cps
Lead	206-1	29557204	30078944	30634166	30090105	1.79	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : LCSS 6020 Instrumnet Name : P8
Client Sample ID : LCSS 6020 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 16:09:47 DataFile Name : 050LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	25481060	25949709	25953443	25794737	1.05	cps
Lead	208-1	116968214	119399768	119645755	118671246	1.25	cps
Lithium	6-1	6902283	6928054	6865172	6898503	0.46	cps
Magnesium	24-2	11304955	11339161	11302597	11315571	0.18	cps
Manganese	55-2	6810245	6850121	6747492	6802619	0.76	cps
Molybdenum	94-1	26675072	26578440	26809083	26687532	0.43	cps
Molybdenum	95-1	38446469	38521164	39237990	38735208	1.13	cps
Molybdenum	96-1	41332267	42059683	41977319	41789756	0.95	cps
Molybdenum	97-1	23182924	23794990	23842039	23606651	1.56	cps
Molybdenum	98-1	61277606	61874059	62492104	61881256	0.98	cps
Neodymium	150-1	693	817	893	801	12.60	cps
Neodymium	150-2	57	37	33	42	29.89	cps
Nickel	60-2	745917	749612	749548	748359	0.28	cps
Phosphorus	31-2	27763	28197	28718	28226	1.69	cps
Potassium	39-2	3241187	3220453	3238147	3233262	0.35	cps
Rhodium	103-1	11715014	11877074	11885798	11825962	0.81	cps
Rhodium	103-2	4845442	4505730	4367510	4572894	5.38	cps
Scandium	45-1	9652274	9640752	9815877	9702967	1.01	cps
Scandium	45-2	190000	174812	170507	178440	5.74	cps
Selenium	82-1	115747	114491	115506	115248	0.58	cps
Selenium	77-2	1880	2014	1950	1948	3.42	cps
Selenium	78-2	6672	6562	6608	6614	0.83	cps
Silicon	28-1	20677973	20746854	20403873	20609567	0.88	cps
Silver	107-1	9677632	9803859	9783023	9754838	0.69	cps
Silver	109-1	9078725	9328897	9403080	9270234	1.83	cps
Sodium	23-2	22130711	22360711	22354581	22282001	0.59	cps
Strontium	86-1	2677428	2724860	2766562	2722950	1.64	cps
Strontium	88-1	22706417	23564546	23208649	23159871	1.86	cps
Sulfur	34-1	1154239	1161780	1160996	1159005	0.36	cps
Terbium	159-1	17637596	17674423	17844777	17718932	0.62	cps
Terbium	159-2	6229932	5815069	5656890	5900630	5.02	cps
Thallium	203-1	7645293	7718297	7759226	7707605	0.75	cps
Thallium	205-1	18414577	18368355	18406348	18396427	0.13	cps
Tin	118-1	6192112	6355119	6370382	6305871	1.57	cps
Titanium	47-1	11600794	12054661	11970511	11875322	2.03	cps
Uranium	238-1	23452393	23939100	23828891	23740128	1.07	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : LCSS 6020 Instrumnet Name : P8
Client Sample ID : LCSS 6020 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 16:09:47 DataFile Name : 050LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1162666	1175501	1181202	1173123	0.81	cps
Ytterbium	172-1	163	177	157	166	6.15	cps
Ytterbium	172-2	77	80	73	77	4.35	cps
Ytterbium	176-1	34736	35655	36116	35502	1.98	cps
Ytterbium	176-2	11592	11375	11679	11548	1.35	cps
Yttrium	89-1	24205123	24723270	24426351	24451582	1.06	cps
Yttrium	89-2	1930435	1795256	1748254	1824648	5.18	cps
Zinc	66-2	2302918	2345798	2349816	2332844	1.11	cps
Zirconium	90-1	13226966	13331686	13277686	13278780	0.39	cps
Zirconium	91-1	2996840	2989117	2999845	2995268	0.18	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : PBW 6020 Instrumnet Name : P8
Client Sample ID : PBW 6020 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 16:14:05 DataFile Name : 051CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	77	80	103	87	16.77	cps
Antimony	121-1	697	720	507	641	18.25	cps
Arsenic	75-2	10	3	3	6	69.34	cps
Barium	135-1	557	567	553	559	1.24	cps
Barium	137-1	1187	940	973	1033	12.95	cps
Beryllium	9-1	525	515	492	511	3.26	cps
Bismuth	209-1	10776077	10835239	10852946	10821421	0.37	cps
Bismuth	209-2	4193617	4181416	4187763	4187599	0.15	cps
Bromine	81-1	6805	6948	6558	6771	2.91	cps
Cadmium	108-1	37	50	37	41	18.72	cps
Cadmium	106-1	7492	7519	7612	7541	0.84	cps
Cadmium	111-1	1563	1559	1570	1564	0.37	cps
Calcium	43-1	623	717	633	658	7.79	cps
Calcium	44-1	11318	11275	11401	11331	0.57	cps
Carbon	12-1	2783119	2806865	2777131	2789039	0.56	cps
Carbon	12-2	18902	18275	18318	18498	1.89	cps
Chlorine	35-1	95509	94576	94475	94853	0.60	cps
Chlorine	35-2	347	383	370	367	5.06	cps
Chromium	52-2	593	547	560	567	4.24	cps
Cobalt	59-2	150	177	177	168	9.18	cps
Copper	63-2	3517	3367	3320	3402	3.02	cps
Dysprosium	156-1	40	47	53	47	14.28	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	100	63	120	94	30.43	cps
Erbium	164-2	17	27	30	24	28.38	cps
Gadolinium	160-1	70	67	83	73	12.03	cps
Gadolinium	160-2	13	10	13	12	15.73	cps
Holmium	165-1	17477663	17514468	17317693	17436608	0.60	cps
Holmium	165-2	5817061	5864126	5825170	5835452	0.43	cps
Indium	115-1	13587232	13918504	13726707	13744148	1.21	cps
Indium	115-2	1277665	1266209	1275183	1273019	0.47	cps
Iron	54-2	390	387	397	391	1.30	cps
Iron	56-2	5695	5868	5848	5803	1.63	cps
Iron	57-2	117	207	150	158	28.84	cps
Krypton	83-1	167	163	160	163	2.04	cps
Lead	206-1	2207	2254	1960	2140	7.37	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : PBW 6020 Instrumnet Name : P8
Client Sample ID : PBW 6020 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 16:14:05 DataFile Name : 051CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	2017	1867	1763	1882	6.77	cps
Lead	208-1	8878	8555	8171	8535	4.15	cps
Lithium	6-1	7183194	7308092	7243092	7244793	0.86	cps
Magnesium	24-2	1030	1103	1157	1097	5.80	cps
Manganese	55-2	397	477	433	436	9.19	cps
Molybdenum	94-1	883	827	787	832	5.84	cps
Molybdenum	95-1	940	763	773	826	12.02	cps
Molybdenum	96-1	983	707	897	862	16.41	cps
Molybdenum	97-1	507	470	370	449	15.76	cps
Molybdenum	98-1	1330	1183	1190	1235	6.71	cps
Neodymium	150-1	37	37	10	28	55.43	cps
Neodymium	150-2	7	7	7	7	0.00	cps
Nickel	60-2	1073	987	1150	1070	7.64	cps
Phosphorus	31-2	37	67	47	50	30.55	cps
Potassium	39-2	8272	7826	7942	8013	2.89	cps
Rhodium	103-1	12607481	13057007	12720011	12794833	1.83	cps
Rhodium	103-2	4663955	4636213	4669223	4656464	0.38	cps
Scandium	45-1	9731121	10117904	9973403	9940809	1.97	cps
Scandium	45-2	170124	168357	169598	169359	0.54	cps
Selenium	82-1	43	30	40	38	18.36	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	3	10	20	11	75.52	cps
Silicon	28-1	404875	403895	400835	403202	0.52	cps
Silver	107-1	700	560	503	588	17.22	cps
Silver	109-1	500	423	377	433	14.37	cps
Sodium	23-2	24674	23843	24684	24400	1.98	cps
Strontium	86-1	387	313	363	354	10.57	cps
Strontium	88-1	770	720	683	724	6.01	cps
Sulfur	34-1	412453	413651	412287	412797	0.18	cps
Terbium	159-1	17677741	17930580	17674332	17760884	0.83	cps
Terbium	159-2	5688296	5600301	5643313	5643970	0.78	cps
Thallium	203-1	610	483	433	509	17.89	cps
Thallium	205-1	1490	1307	1310	1369	7.66	cps
Tin	118-1	1510	1433	1590	1511	5.18	cps
Titanium	47-1	283	257	250	263	6.70	cps
Uranium	238-1	327	260	230	272	18.18	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : PBW 6020 Instrumnet Name : P8
Client Sample ID : PBW 6020 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 16:14:05 DataFile Name : 051CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	20	23	13	19	26.96	cps
Ytterbium	172-1	110	100	97	102	6.79	cps
Ytterbium	172-2	27	20	17	21	24.12	cps
Ytterbium	176-1	2244	2274	1977	2165	7.55	cps
Ytterbium	176-2	320	357	340	339	5.42	cps
Yttrium	89-1	24893398	25045894	25073214	25004169	0.39	cps
Yttrium	89-2	1731569	1706071	1704482	1714041	0.89	cps
Zinc	66-2	350	287	347	328	10.88	cps
Zirconium	90-1	1140	1143	1110	1131	1.62	cps
Zirconium	91-1	287	267	213	256	14.83	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : LCSW 6020 Instrumnet Name : P8
Client Sample ID : LCSW 6020 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 16:18:53 DataFile Name : 052LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	622278	627680	625059	625006	0.43	cps
Antimony	121-1	7347301	7357234	7323293	7342610	0.24	cps
Arsenic	75-2	128681	130592	129468	129580	0.74	cps
Barium	135-1	9301185	9461559	9391967	9384904	0.86	cps
Barium	137-1	16060964	16440570	16260723	16254085	1.17	cps
Beryllium	9-1	2562246	2610945	2537728	2570306	1.45	cps
Bismuth	209-1	10429942	10504075	10200449	10378156	1.53	cps
Bismuth	209-2	3943973	3965892	3820796	3910220	2.00	cps
Bromine	81-1	6802	6538	6888	6743	2.70	cps
Cadmium	108-1	145542	146896	147463	146634	0.67	cps
Cadmium	106-1	211187	213916	212919	212674	0.65	cps
Cadmium	111-1	1855094	1854159	1828453	1845902	0.82	cps
Calcium	43-1	2765243	2759530	2756191	2760321	0.17	cps
Calcium	44-1	44234989	44117894	44428791	44260558	0.35	cps
Carbon	12-1	3306056	3392004	3475697	3391252	2.50	cps
Carbon	12-2	24737	24707	24664	24703	0.15	cps
Chlorine	35-1	104231	105245	106078	105185	0.88	cps
Chlorine	35-2	490	380	443	438	12.61	cps
Chromium	52-2	1598044	1566784	1604129	1589652	1.26	cps
Cobalt	59-2	2918795	2889111	2935115	2914340	0.80	cps
Copper	63-2	21396592	21669701	21440726	21502339	0.68	cps
Dysprosium	156-1	157	213	197	189	15.42	cps
Dysprosium	156-2	30	40	23	31	26.97	cps
Erbium	164-1	163	133	167	154	11.89	cps
Erbium	164-2	43	47	63	51	20.96	cps
Gadolinium	160-1	117	160	150	142	15.95	cps
Gadolinium	160-2	47	43	17	36	46.24	cps
Holmium	165-1	17638770	17745532	17789353	17724552	0.44	cps
Holmium	165-2	5891169	5859213	5655471	5801951	2.20	cps
Indium	115-1	13377851	13420115	13385499	13394489	0.17	cps
Indium	115-2	1241941	1244891	1199495	1228776	2.07	cps
Iron	54-2	3207035	3195562	3286527	3229708	1.53	cps
Iron	56-2	58441257	57778127	58312309	58177231	0.60	cps
Iron	57-2	1488420	1475220	1522925	1495522	1.65	cps
Krypton	83-1	213	150	247	203	24.15	cps
Lead	206-1	30039481	30437047	30151950	30209493	0.68	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : LCSW 6020 Instrumnet Name : P8
Client Sample ID : LCSW 6020 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 16:18:53 DataFile Name : 052LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	25888377	25919150	25805552	25871027	0.23	cps
Lead	208-1	119311639	119662158	118672124	119215307	0.42	cps
Lithium	6-1	6911433	7066391	6989204	6989010	1.11	cps
Magnesium	24-2	11351140	11375100	11320274	11348838	0.24	cps
Manganese	55-2	6655575	6710081	6759989	6708548	0.78	cps
Molybdenum	94-1	26385919	26831827	26717420	26645055	0.87	cps
Molybdenum	95-1	38223929	38650182	38636324	38503478	0.63	cps
Molybdenum	96-1	42005775	41589489	41623986	41739750	0.55	cps
Molybdenum	97-1	23799247	23844217	23608385	23750616	0.53	cps
Molybdenum	98-1	62348874	62724756	61847637	62307089	0.71	cps
Neodymium	150-1	793	840	857	830	3.96	cps
Neodymium	150-2	43	20	30	31	37.62	cps
Nickel	60-2	746681	745262	748396	746780	0.21	cps
Phosphorus	31-2	28030	28635	27473	28046	2.07	cps
Potassium	39-2	3231202	3285220	3233392	3249938	0.94	cps
Rhodium	103-1	12207519	12227905	12110058	12181827	0.52	cps
Rhodium	103-2	4379324	4449406	4295451	4374727	1.76	cps
Scandium	45-1	9768215	9790418	9948758	9835797	1.00	cps
Scandium	45-2	171462	172886	165659	170002	2.25	cps
Selenium	82-1	114604	114070	115499	114725	0.63	cps
Selenium	77-2	1930	1943	1880	1918	1.74	cps
Selenium	78-2	6271	6298	6211	6260	0.71	cps
Silicon	28-1	20607829	20505448	20607039	20573439	0.29	cps
Silver	107-1	9646705	9890460	9671856	9736341	1.38	cps
Silver	109-1	9096205	9271375	9199395	9188992	0.96	cps
Sodium	23-2	22283787	22419651	22337971	22347137	0.31	cps
Strontium	86-1	2747015	2739890	2741567	2742824	0.14	cps
Strontium	88-1	22881605	23199020	23241474	23107366	0.85	cps
Sulfur	34-1	1143000	1135609	1114933	1131181	1.29	cps
Terbium	159-1	17996582	18137036	18165359	18099659	0.50	cps
Terbium	159-2	5707238	5670449	5523657	5633782	1.72	cps
Thallium	203-1	7707136	7756959	7782622	7748906	0.50	cps
Thallium	205-1	18362304	18405259	18385863	18384476	0.12	cps
Tin	118-1	6338916	6363106	6397020	6366347	0.46	cps
Titanium	47-1	11836969	11986299	11841827	11888365	0.71	cps
Uranium	238-1	23767480	23794435	23468634	23676850	0.76	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : LCSW 6020 Instrumnet Name : P8
Client Sample ID : LCSW 6020 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 16:18:53 DataFile Name : 052LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1171394	1168532	1169541	1169823	0.12	cps
Ytterbium	172-1	180	170	220	190	13.93	cps
Ytterbium	172-2	47	63	93	68	34.89	cps
Ytterbium	176-1	35381	34940	35073	35131	0.64	cps
Ytterbium	176-2	11685	11432	11282	11466	1.78	cps
Yttrium	89-1	24885010	24976685	24993033	24951576	0.23	cps
Yttrium	89-2	1748641	1747488	1677600	1724576	2.36	cps
Zinc	66-2	2325617	2296708	2319424	2313916	0.66	cps
Zirconium	90-1	13213168	13370200	13332635	13305334	0.62	cps
Zirconium	91-1	2932631	2981232	2970326	2961396	0.86	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : PBW 200.8 Instrumnet Name : P8
Client Sample ID : PBW 200.8 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 16:25:02 DataFile Name : 054CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	73	80	57	70	17.17	cps
Antimony	121-1	403	353	450	402	12.02	cps
Arsenic	75-2	7	0	7	4	86.60	cps
Barium	135-1	500	527	583	537	7.93	cps
Barium	137-1	993	920	927	947	4.28	cps
Beryllium	9-1	527	485	496	503	4.38	cps
Bismuth	209-1	11230549	11062875	11046399	11113274	0.92	cps
Bismuth	209-2	4115777	4251490	4169629	4178965	1.64	cps
Bromine	81-1	6778	6935	6632	6782	2.24	cps
Cadmium	108-1	50	40	23	38	35.67	cps
Cadmium	106-1	8032	7429	7469	7643	4.42	cps
Cadmium	111-1	1651	1498	1521	1557	5.33	cps
Calcium	43-1	633	643	620	632	1.85	cps
Calcium	44-1	12125	11435	11458	11673	3.36	cps
Carbon	12-1	2788785	2783739	2814406	2795643	0.59	cps
Carbon	12-2	18986	18325	18602	18637	1.78	cps
Chlorine	35-1	79580	81464	80821	80622	1.19	cps
Chlorine	35-2	310	340	270	307	11.45	cps
Chromium	52-2	533	487	537	519	5.39	cps
Cobalt	59-2	103	140	140	128	16.57	cps
Copper	63-2	2897	3004	3004	2968	2.08	cps
Dysprosium	156-1	23	63	37	41	49.54	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	63	93	100	86	22.83	cps
Erbium	164-2	33	17	30	27	33.06	cps
Gadolinium	160-1	53	63	60	59	8.65	cps
Gadolinium	160-2	17	13	37	22	56.80	cps
Holmium	165-1	17900964	17839860	17496084	17745636	1.23	cps
Holmium	165-2	5728600	5861873	5847613	5812695	1.26	cps
Indium	115-1	13956922	13862619	14081351	13966964	0.79	cps
Indium	115-2	1273180	1295824	1307732	1292245	1.36	cps
Iron	54-2	310	253	283	282	10.05	cps
Iron	56-2	3897	3874	3997	3923	1.67	cps
Iron	57-2	93	97	87	92	5.52	cps
Krypton	83-1	163	163	157	161	2.39	cps
Lead	206-1	2074	1944	1917	1978	4.24	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : PBW 200.8 Instrumnet Name : P8
Client Sample ID : PBW 200.8 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 16:25:02 DataFile Name : 054CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1853	1587	1610	1683	8.77	cps
Lead	208-1	8128	7518	7498	7714	4.64	cps
Lithium	6-1	7313643	7189777	7434275	7312565	1.67	cps
Magnesium	24-2	440	413	473	442	6.80	cps
Manganese	55-2	350	327	360	346	4.95	cps
Molybdenum	94-1	670	610	573	618	7.90	cps
Molybdenum	95-1	687	457	483	542	23.20	cps
Molybdenum	96-1	790	573	593	652	18.36	cps
Molybdenum	97-1	390	290	387	356	15.97	cps
Molybdenum	98-1	910	820	740	823	10.33	cps
Neodymium	150-1	30	43	37	37	18.18	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	1083	1117	1240	1147	7.20	cps
Phosphorus	31-2	37	53	60	50	24.03	cps
Potassium	39-2	7719	7842	7979	7847	1.66	cps
Rhodium	103-1	12985354	12938882	12787146	12903794	0.80	cps
Rhodium	103-2	4639924	4721347	4693447	4684906	0.88	cps
Scandium	45-1	10140359	10014538	10072894	10075930	0.62	cps
Scandium	45-2	169552	170950	172049	170850	0.73	cps
Selenium	82-1	43	-23	67	29	161.70	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	3	3	3	3	0.00	cps
Silicon	28-1	418389	417805	418513	418236	0.09	cps
Silver	107-1	450	367	383	400	11.02	cps
Silver	109-1	370	297	307	324	12.26	cps
Sodium	23-2	24330	23890	23846	24022	1.12	cps
Strontium	86-1	347	323	317	329	4.79	cps
Strontium	88-1	720	603	557	627	13.43	cps
Sulfur	34-1	401606	403285	398993	401295	0.54	cps
Terbium	159-1	18133410	18205940	18282114	18207154	0.41	cps
Terbium	159-2	5660978	5676106	5724246	5687110	0.58	cps
Thallium	203-1	460	500	470	477	4.37	cps
Thallium	205-1	1270	1140	1057	1156	9.30	cps
Tin	118-1	1467	1540	1520	1509	2.51	cps
Titanium	47-1	250	243	187	227	15.35	cps
Uranium	238-1	290	153	190	211	33.51	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : PBW 200.8 Instrumnet Name : P8
Client Sample ID : PBW 200.8 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 16:25:02 DataFile Name : 054CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	13	17	3	11	62.48	cps
Ytterbium	172-1	97	97	80	91	10.56	cps
Ytterbium	172-2	47	57	23	42	40.52	cps
Ytterbium	176-1	2167	2237	2127	2177	2.56	cps
Ytterbium	176-2	233	323	323	293	17.71	cps
Yttrium	89-1	25481575	25214476	25264640	25320230	0.56	cps
Yttrium	89-2	1726847	1739173	1766391	1744137	1.16	cps
Zinc	66-2	297	310	297	301	2.56	cps
Zirconium	90-1	867	910	943	907	4.24	cps
Zirconium	91-1	227	197	203	209	7.54	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : CCV008 Instrumnet Name : P8
Client Sample ID : CCV008 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 16:28:23 DataFile Name : 055CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3129654	3072354	3083276	3095095	0.98	cps
Antimony	121-1	6723582	6805094	6770940	6766539	0.60	cps
Arsenic	75-2	118926	118970	117085	118327	0.91	cps
Barium	135-1	8794446	8799591	8833975	8809337	0.24	cps
Barium	137-1	15275517	15352749	15269939	15299401	0.30	cps
Beryllium	9-1	2409047	2413596	2305812	2376152	2.57	cps
Bismuth	209-1	9411688	9236236	9053259	9233728	1.94	cps
Bismuth	209-2	3545113	3496386	3510795	3517431	0.71	cps
Bromine	81-1	6962	7512	7169	7214	3.85	cps
Cadmium	108-1	132880	132960	132576	132805	0.15	cps
Cadmium	106-1	190499	191060	191761	191106	0.33	cps
Cadmium	111-1	1599257	1643428	1636734	1626473	1.46	cps
Calcium	43-1	12684861	12869718	12818929	12791170	0.75	cps
Calcium	44-1	203611417	206382090	208186024	206059844	1.12	cps
Carbon	12-1	3312243	3376319	3438331	3375631	1.87	cps
Carbon	12-2	27492	27726	28137	27785	1.17	cps
Chlorine	35-1	93724	94623	95515	94621	0.95	cps
Chlorine	35-2	383	370	390	381	2.67	cps
Chromium	52-2	1459753	1451217	1481182	1464051	1.05	cps
Cobalt	59-2	2618177	2648951	2654848	2640659	0.75	cps
Copper	63-2	18563123	18472891	18684473	18573496	0.57	cps
Dysprosium	156-1	447	400	483	443	9.42	cps
Dysprosium	156-2	77	100	133	103	27.56	cps
Erbium	164-1	343	373	413	377	9.32	cps
Erbium	164-2	123	127	120	123	2.70	cps
Gadolinium	160-1	340	337	303	327	6.21	cps
Gadolinium	160-2	103	143	150	132	19.09	cps
Holmium	165-1	16768199	16781588	16492634	16680807	0.98	cps
Holmium	165-2	5590192	5537234	5557885	5561771	0.48	cps
Indium	115-1	12270579	12122164	11857262	12083335	1.73	cps
Indium	115-2	1161771	1149778	1142836	1151462	0.83	cps
Iron	54-2	14664839	14470199	14833679	14656239	1.24	cps
Iron	56-2	270863529	267565923	269543856	269324436	0.62	cps
Iron	57-2	6814913	6826548	6746037	6795833	0.64	cps
Krypton	83-1	230	190	227	216	10.30	cps
Lead	206-1	27190827	27518064	27761180	27490023	1.04	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : CCV008 Instrumnet Name : P8
Client Sample ID : CCV008 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 16:28:23 DataFile Name : 055CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	23397495	23787657	23801119	23662090	0.97	cps
Lead	208-1	107225278	109469088	109376688	108690351	1.17	cps
Lithium	6-1	6470651	6299209	6197159	6322340	2.19	cps
Magnesium	24-2	52938313	52944673	52429169	52770718	0.56	cps
Manganese	55-2	6273103	6220224	6297306	6263544	0.63	cps
Molybdenum	94-1	25198336	25264867	25222972	25228725	0.13	cps
Molybdenum	95-1	36127001	36492677	36460486	36360055	0.56	cps
Molybdenum	96-1	39267022	39744909	39425459	39479130	0.62	cps
Molybdenum	97-1	22437900	22400471	22472631	22437001	0.16	cps
Molybdenum	98-1	58252224	57946664	58401667	58200185	0.40	cps
Neodymium	150-1	843	830	880	851	3.04	cps
Neodymium	150-2	33	43	63	47	32.74	cps
Nickel	60-2	714752	720463	723794	719670	0.64	cps
Phosphorus	31-2	26053	26518	26748	26440	1.34	cps
Potassium	39-2	15256694	14971701	15231738	15153377	1.04	cps
Rhodium	103-1	10781724	10530701	10494570	10602331	1.48	cps
Rhodium	103-2	4016684	3911667	3891469	3939940	1.71	cps
Scandium	45-1	9221044	9082998	9011575	9105206	1.17	cps
Scandium	45-2	164532	159218	162440	162063	1.65	cps
Selenium	82-1	102042	102952	102452	102482	0.44	cps
Selenium	77-2	1777	1760	1690	1742	2.64	cps
Selenium	78-2	5935	5868	5458	5753	4.49	cps
Silicon	28-1	19983653	19946361	19782280	19904098	0.54	cps
Silver	107-1	8453959	8566734	8493969	8504887	0.67	cps
Silver	109-1	8159013	8205373	8143554	8169313	0.39	cps
Sodium	23-2	103258278	103118088	103113432	103163266	0.08	cps
Strontium	86-1	2557056	2555661	2589158	2567292	0.74	cps
Strontium	88-1	21573327	21888389	21672201	21711306	0.74	cps
Sulfur	34-1	1079142	1058992	1056919	1065018	1.15	cps
Terbium	159-1	17059315	16974836	16846893	16960348	0.63	cps
Terbium	159-2	5425517	5374895	5320660	5373691	0.98	cps
Thallium	203-1	7062687	7140656	7030769	7078037	0.80	cps
Thallium	205-1	16936608	16987733	16907388	16943909	0.24	cps
Tin	118-1	5889205	5920990	5844215	5884803	0.66	cps
Titanium	47-1	11126979	11112587	11207989	11149185	0.46	cps
Uranium	238-1	22557222	22691706	22615840	22621589	0.30	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : CCV008 Instrumnet Name : P8
Client Sample ID : CCV008 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 16:28:23 DataFile Name : 055CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1103105	1093989	1095634	1097576	0.44	cps
Ytterbium	172-1	427	433	510	457	10.14	cps
Ytterbium	172-2	193	157	150	167	14.00	cps
Ytterbium	176-1	33863	34869	34064	34265	1.55	cps
Ytterbium	176-2	11568	11262	10931	11254	2.83	cps
Yttrium	89-1	23362970	23029474	23209190	23200545	0.72	cps
Yttrium	89-2	1676967	1640390	1628341	1648566	1.54	cps
Zinc	66-2	2002533	2013751	2020236	2012173	0.45	cps
Zirconium	90-1	12637929	12665203	12851905	12718346	0.92	cps
Zirconium	91-1	2823731	2803033	2850940	2825901	0.85	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : CCB008 Instrumnet Name : P8
Client Sample ID : CCB008 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 16:31:10 DataFile Name : 056CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	140	187	163	163	14.29	cps
Antimony	121-1	1657	1493	1417	1522	8.05	cps
Arsenic	75-2	3	10	20	11	75.52	cps
Barium	135-1	1107	970	857	978	12.80	cps
Barium	137-1	1890	1467	1613	1657	12.98	cps
Beryllium	9-1	817	780	740	779	4.97	cps
Bismuth	209-1	10722955	11069892	10547171	10780006	2.47	cps
Bismuth	209-2	4216029	4188039	4300433	4234834	1.38	cps
Bromine	81-1	6822	7009	6938	6923	1.36	cps
Cadmium	108-1	60	37	50	49	23.94	cps
Cadmium	106-1	7626	8009	7786	7807	2.47	cps
Cadmium	111-1	1680	1716	1665	1687	1.55	cps
Calcium	43-1	1010	960	810	927	11.23	cps
Calcium	44-1	16713	15625	14234	15524	8.01	cps
Carbon	12-1	2926709	2895175	2889930	2903938	0.69	cps
Carbon	12-2	18869	19400	19066	19111	1.40	cps
Chlorine	35-1	77154	76799	76779	76911	0.27	cps
Chlorine	35-2	317	253	277	282	11.35	cps
Chromium	52-2	607	693	607	636	7.88	cps
Cobalt	59-2	157	163	203	174	14.47	cps
Copper	63-2	3721	3647	3590	3653	1.78	cps
Dysprosium	156-1	20	27	20	22	17.33	cps
Dysprosium	156-2	7	13	3	8	65.47	cps
Erbium	164-1	83	77	97	86	11.90	cps
Erbium	164-2	23	30	7	20	60.08	cps
Gadolinium	160-1	37	37	73	49	43.29	cps
Gadolinium	160-2	10	23	3	12	83.33	cps
Holmium	165-1	17361717	17870752	16942714	17391728	2.67	cps
Holmium	165-2	5919356	5827645	6098476	5948492	2.32	cps
Indium	115-1	13674823	14119444	13542969	13779078	2.19	cps
Indium	115-2	1306666	1299839	1338862	1315122	1.58	cps
Iron	54-2	620	683	673	659	5.17	cps
Iron	56-2	10157	10447	10117	10240	1.76	cps
Iron	57-2	280	270	300	283	5.39	cps
Krypton	83-1	163	177	160	167	5.29	cps
Lead	206-1	3714	3330	3050	3365	9.90	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : CCB008 Instrumnet Name : P8
Client Sample ID : CCB008 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 16:31:10 DataFile Name : 056CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	3117	2944	2544	2868	10.25	cps
Lead	208-1	14256	13520	11972	13249	8.80	cps
Lithium	6-1	7359008	7431207	7078494	7289570	2.56	cps
Magnesium	24-2	1807	1807	1723	1779	2.71	cps
Manganese	55-2	387	370	440	399	9.17	cps
Molybdenum	94-1	1763	1493	1360	1539	13.35	cps
Molybdenum	95-1	2030	1637	1570	1746	14.24	cps
Molybdenum	96-1	2300	2140	1667	2036	16.18	cps
Molybdenum	97-1	1240	1033	1020	1098	11.24	cps
Molybdenum	98-1	3294	2767	2297	2786	17.90	cps
Neodymium	150-1	30	30	40	33	17.32	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1130	1230	1223	1195	4.68	cps
Phosphorus	31-2	37	50	67	51	29.41	cps
Potassium	39-2	8983	9206	8673	8954	2.99	cps
Rhodium	103-1	12876491	13267329	12325576	12823132	3.69	cps
Rhodium	103-2	4733179	4680023	4814514	4742572	1.43	cps
Scandium	45-1	9951943	10199277	9494468	9881896	3.62	cps
Scandium	45-2	170347	168986	176645	171993	2.38	cps
Selenium	82-1	20	13	87	40	101.39	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	7	0	7	4	86.60	cps
Silicon	28-1	402650	400358	399165	400724	0.44	cps
Silver	107-1	1203	1127	997	1109	9.42	cps
Silver	109-1	1153	920	813	962	18.07	cps
Sodium	23-2	32449	31494	31441	31795	1.79	cps
Strontium	86-1	397	363	413	391	6.51	cps
Strontium	88-1	1163	1037	913	1038	12.05	cps
Sulfur	34-1	400078	399828	403591	401165	0.52	cps
Terbium	159-1	18005938	18374499	17326116	17902185	2.97	cps
Terbium	159-2	5733863	5805580	5871037	5803493	1.18	cps
Thallium	203-1	1003	823	697	841	18.32	cps
Thallium	205-1	2397	2160	1990	2182	9.36	cps
Tin	118-1	1717	1593	1673	1661	3.77	cps
Titanium	47-1	623	470	417	503	21.32	cps
Uranium	238-1	837	713	547	699	20.83	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : CCB008 Instrumnet Name : P8
Client Sample ID : CCB008 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 16:31:10 DataFile Name : 056CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	30	27	23	27	12.51	cps
Ytterbium	172-1	73	87	137	99	33.77	cps
Ytterbium	172-2	43	30	60	44	33.82	cps
Ytterbium	176-1	2274	2164	2210	2216	2.49	cps
Ytterbium	176-2	320	297	353	323	8.81	cps
Yttrium	89-1	24715820	26059162	24450020	25075000	3.44	cps
Yttrium	89-2	1742588	1757702	1804907	1768399	1.84	cps
Zinc	66-2	310	337	303	317	5.57	cps
Zirconium	90-1	1720	1747	1437	1635	10.51	cps
Zirconium	91-1	363	310	353	342	8.28	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : LCSW 200.8 Instrumnet Name : P8
Client Sample ID : LCSW 200.8 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 16:34:31 DataFile Name : 057LCSW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	621794	626075	617944	621938	0.65	cps
Antimony	121-1	7316150	7433025	7459307	7402827	1.03	cps
Arsenic	75-2	130464	130426	129687	130192	0.34	cps
Barium	135-1	9456002	9426978	9462634	9448538	0.20	cps
Barium	137-1	16132885	16116650	16329038	16192857	0.73	cps
Beryllium	9-1	2534328	2558881	2596104	2563105	1.21	cps
Bismuth	209-1	10245676	10250054	10348539	10281423	0.57	cps
Bismuth	209-2	3924557	3998948	3994611	3972705	1.05	cps
Bromine	81-1	6915	7002	7182	7033	1.94	cps
Cadmium	108-1	144292	147934	148361	146862	1.52	cps
Cadmium	106-1	213432	215141	214978	214517	0.44	cps
Cadmium	111-1	1843646	1849686	1899057	1864130	1.63	cps
Calcium	43-1	2772646	2826522	2800373	2799847	0.96	cps
Calcium	44-1	44278008	44666763	44354988	44433253	0.46	cps
Carbon	12-1	3270318	3390765	3424818	3361967	2.41	cps
Carbon	12-2	24380	24227	24127	24245	0.53	cps
Chlorine	35-1	94643	95676	96519	95613	0.98	cps
Chlorine	35-2	363	477	383	408	14.84	cps
Chromium	52-2	1645371	1601431	1601284	1616029	1.57	cps
Cobalt	59-2	2974297	2971934	2914913	2953715	1.14	cps
Copper	63-2	21644716	21495892	21637451	21592686	0.39	cps
Dysprosium	156-1	203	220	170	198	12.87	cps
Dysprosium	156-2	30	53	13	32	62.36	cps
Erbium	164-1	200	177	170	182	8.64	cps
Erbium	164-2	60	50	77	62	21.65	cps
Gadolinium	160-1	117	190	137	148	25.65	cps
Gadolinium	160-2	43	43	33	40	14.43	cps
Holmium	165-1	17521043	17682077	17999480	17734200	1.37	cps
Holmium	165-2	5724481	5875837	5801378	5800565	1.30	cps
Indium	115-1	13343843	13301547	13360557	13335316	0.23	cps
Indium	115-2	1230647	1255500	1247921	1244689	1.02	cps
Iron	54-2	3290773	3295227	3241456	3275819	0.91	cps
Iron	56-2	59182701	58628981	58723242	58844975	0.50	cps
Iron	57-2	1496985	1493062	1502756	1497601	0.33	cps
Krypton	83-1	243	167	167	192	23.03	cps
Lead	206-1	29683247	30324088	30139950	30049095	1.10	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : LCSW 200.8 Instrumnet Name : P8
Client Sample ID : LCSW 200.8 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 16:34:31 DataFile Name : 057LCSW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	25668380	25866164	25702011	25745518	0.41	cps
Lead	208-1	117995674	118778621	118727156	118500484	0.37	cps
Lithium	6-1	6927303	6967367	6795716	6896795	1.30	cps
Magnesium	24-2	11299067	11151104	11258642	11236271	0.68	cps
Manganese	55-2	6846487	6808712	6755392	6803530	0.67	cps
Molybdenum	94-1	26627402	26776395	26567748	26657182	0.40	cps
Molybdenum	95-1	38444569	38777523	38666604	38629566	0.44	cps
Molybdenum	96-1	41690524	42190390	41811755	41897557	0.62	cps
Molybdenum	97-1	23104817	23912590	23490135	23502514	1.72	cps
Molybdenum	98-1	61159916	62005334	61163466	61442905	0.79	cps
Neodymium	150-1	820	777	743	780	4.93	cps
Neodymium	150-2	27	40	43	37	24.04	cps
Nickel	60-2	749663	748887	751433	749995	0.17	cps
Phosphorus	31-2	28471	28294	28194	28320	0.50	cps
Potassium	39-2	3290941	3237974	3227772	3252229	1.04	cps
Rhodium	103-1	11867064	12100291	12040836	12002730	1.01	cps
Rhodium	103-2	4391716	4466418	4486897	4448344	1.13	cps
Scandium	45-1	9839946	9776664	9982665	9866425	1.07	cps
Scandium	45-2	171314	172562	172212	172029	0.37	cps
Selenium	82-1	114404	115526	113721	114550	0.80	cps
Selenium	77-2	1887	1853	2000	1913	4.02	cps
Selenium	78-2	6752	6552	6542	6615	1.79	cps
Silicon	28-1	20778417	20574429	20436893	20596580	0.83	cps
Silver	107-1	9790480	9767139	9802251	9786623	0.18	cps
Silver	109-1	9264747	9305152	9292260	9287387	0.22	cps
Sodium	23-2	22255591	22164182	21977771	22132515	0.64	cps
Strontium	86-1	2708418	2749904	2726471	2728265	0.76	cps
Strontium	88-1	23347790	23340280	23239588	23309219	0.26	cps
Sulfur	34-1	1138755	1133281	1123587	1131874	0.68	cps
Terbium	159-1	17976618	17865466	17984125	17942070	0.37	cps
Terbium	159-2	5619973	5669774	5618039	5635929	0.52	cps
Thallium	203-1	7628874	7698731	7717867	7681824	0.61	cps
Thallium	205-1	18067306	18427825	18425783	18306971	1.13	cps
Tin	118-1	6287095	6352866	6273021	6304327	0.68	cps
Titanium	47-1	11811618	11956174	11996476	11921423	0.82	cps
Uranium	238-1	23576391	23785450	23686467	23682769	0.44	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : LCSW 200.8 Instrumnet Name : P8
Client Sample ID : LCSW 200.8 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 16:34:31 DataFile Name : 057LCSW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1174260	1171779	1174064	1173367	0.12	cps
Ytterbium	172-1	143	193	170	169	14.81	cps
Ytterbium	172-2	80	67	50	66	22.93	cps
Ytterbium	176-1	35167	35123	35458	35249	0.52	cps
Ytterbium	176-2	11595	11195	11785	11525	2.62	cps
Yttrium	89-1	25033280	24744453	24846968	24874900	0.59	cps
Yttrium	89-2	1756235	1763246	1761350	1760277	0.21	cps
Zinc	66-2	2310334	2304642	2287376	2300784	0.52	cps
Zirconium	90-1	13418171	13235859	13293075	13315701	0.70	cps
Zirconium	91-1	3003885	2991460	3001283	2998876	0.22	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : CCV009 Instrumnet Name : P8
Client Sample ID : CCV009 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 16:37:30 DataFile Name : 058CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3116217	3041620	3076242	3078026	1.21	cps
Antimony	121-1	6786436	6822474	6794912	6801274	0.28	cps
Arsenic	75-2	118906	117867	118130	118301	0.46	cps
Barium	135-1	8855881	8884134	8817464	8852493	0.38	cps
Barium	137-1	15164269	15242176	15122474	15176306	0.40	cps
Beryllium	9-1	2327418	2342815	2333138	2334457	0.33	cps
Bismuth	209-1	9215206	9076732	9243213	9178384	0.97	cps
Bismuth	209-2	3538372	3519035	3512904	3523437	0.38	cps
Bromine	81-1	7442	7082	7189	7237	2.56	cps
Cadmium	108-1	131513	132246	131480	131746	0.33	cps
Cadmium	106-1	190655	192661	192536	191951	0.59	cps
Cadmium	111-1	1634740	1608847	1654685	1632757	1.41	cps
Calcium	43-1	12549312	12985754	12919236	12818101	1.83	cps
Calcium	44-1	205159244	208732364	205281977	206391195	0.98	cps
Carbon	12-1	3360263	3451389	3539236	3450296	2.59	cps
Carbon	12-2	28240	27566	27626	27811	1.34	cps
Chlorine	35-1	91389	91570	92644	91868	0.74	cps
Chlorine	35-2	360	477	387	408	14.99	cps
Chromium	52-2	1463637	1480361	1462944	1468981	0.67	cps
Cobalt	59-2	2623942	2661538	2652387	2645956	0.74	cps
Copper	63-2	18797849	18599281	18612000	18669710	0.60	cps
Dysprosium	156-1	553	497	427	492	12.89	cps
Dysprosium	156-2	110	80	80	90	19.25	cps
Erbium	164-1	363	423	447	411	10.46	cps
Erbium	164-2	120	150	93	121	23.41	cps
Gadolinium	160-1	340	303	330	324	5.84	cps
Gadolinium	160-2	90	137	143	123	23.56	cps
Holmium	165-1	16472450	16773213	16559652	16601772	0.93	cps
Holmium	165-2	5568433	5582379	5519169	5556660	0.60	cps
Indium	115-1	12058760	11961763	12075581	12032035	0.51	cps
Indium	115-2	1153135	1151778	1148906	1151273	0.19	cps
Iron	54-2	14700543	14738530	14707817	14715630	0.14	cps
Iron	56-2	268306656	267505769	269366269	268392898	0.35	cps
Iron	57-2	6748274	6767826	6787347	6767816	0.29	cps
Krypton	83-1	257	260	213	243	10.70	cps
Lead	206-1	27318621	27405064	27399063	27374249	0.18	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : CCV009 Instrumnet Name : P8
Client Sample ID : CCV009 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 16:37:30 DataFile Name : 058CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	23497750	23756010	23453730	23569163	0.69	cps
Lead	208-1	108152595	108539266	107956348	108216070	0.27	cps
Lithium	6-1	6224411	6224432	6211526	6220123	0.12	cps
Magnesium	24-2	52720334	51919959	52135974	52258756	0.79	cps
Manganese	55-2	6222689	6238377	6228676	6229914	0.13	cps
Molybdenum	94-1	24818423	24849205	25071360	24912996	0.55	cps
Molybdenum	95-1	36016401	36355435	36248711	36206849	0.48	cps
Molybdenum	96-1	39043386	39795593	39443360	39427446	0.95	cps
Molybdenum	97-1	22229842	22327679	22226560	22261360	0.26	cps
Molybdenum	98-1	57697514	57943897	58428311	58023241	0.64	cps
Neodymium	150-1	997	807	877	893	10.76	cps
Neodymium	150-2	50	57	53	53	6.25	cps
Nickel	60-2	716899	716604	725794	719766	0.73	cps
Phosphorus	31-2	26010	26287	26454	26250	0.85	cps
Potassium	39-2	15119752	15050157	15206551	15125486	0.52	cps
Rhodium	103-1	10691318	10717404	10750146	10719623	0.27	cps
Rhodium	103-2	3969601	3956422	3912507	3946177	0.76	cps
Scandium	45-1	9136807	9274923	9156933	9189554	0.81	cps
Scandium	45-2	161617	162851	163576	162681	0.61	cps
Selenium	82-1	102613	103211	102566	102797	0.35	cps
Selenium	77-2	1670	1607	1730	1669	3.70	cps
Selenium	78-2	5825	6128	6105	6019	2.81	cps
Silicon	28-1	19743762	19716232	19756831	19738942	0.10	cps
Silver	107-1	8517987	8618223	8497223	8544478	0.76	cps
Silver	109-1	8077346	8145429	8077219	8099998	0.49	cps
Sodium	23-2	103579128	101657585	102181705	102472806	0.97	cps
Strontium	86-1	2551791	2539435	2555229	2548818	0.33	cps
Strontium	88-1	21777216	21986380	21819871	21861156	0.51	cps
Sulfur	34-1	1070685	1072783	1043994	1062488	1.51	cps
Terbium	159-1	17042161	17009106	16811118	16954128	0.74	cps
Terbium	159-2	5370406	5403947	5404257	5392870	0.36	cps
Thallium	203-1	6950806	7055612	7064368	7023595	0.90	cps
Thallium	205-1	16930830	16357057	16862508	16716798	1.87	cps
Tin	118-1	5833248	5808668	5809165	5817027	0.24	cps
Titanium	47-1	11103694	10980776	11166360	11083610	0.85	cps
Uranium	238-1	22401559	22551239	22348126	22433641	0.47	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : CCV009 Instrumnet Name : P8
Client Sample ID : CCV009 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 16:37:30 DataFile Name : 058CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1090322	1096314	1094591	1093742	0.28	cps
Ytterbium	172-1	410	427	413	417	2.12	cps
Ytterbium	172-2	160	190	143	164	14.38	cps
Ytterbium	176-1	34345	34418	34111	34291	0.47	cps
Ytterbium	176-2	11085	11181	10931	11066	1.14	cps
Yttrium	89-1	23001860	23150457	23260965	23137761	0.56	cps
Yttrium	89-2	1640026	1661036	1624579	1641880	1.11	cps
Zinc	66-2	2028978	2008487	2023833	2020433	0.53	cps
Zirconium	90-1	12475028	12498056	12515311	12496131	0.16	cps
Zirconium	91-1	2827059	2842700	2804892	2824883	0.67	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : CCB009 Instrumnet Name : P8
Client Sample ID : CCB009 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 16:40:15 DataFile Name : 059CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	140	103	127	123	15.04	cps
Antimony	121-1	1883	1770	1507	1720	11.24	cps
Arsenic	75-2	7	7	3	6	34.70	cps
Barium	135-1	1413	1247	1250	1303	7.31	cps
Barium	137-1	2127	2234	2140	2167	2.68	cps
Beryllium	9-1	1112	1010	981	1034	6.67	cps
Bismuth	209-1	10686778	10516212	10571054	10591348	0.82	cps
Bismuth	209-2	4116901	4154135	4146941	4139326	0.48	cps
Bromine	81-1	6808	7182	7002	6997	2.67	cps
Cadmium	108-1	37	40	57	44	24.11	cps
Cadmium	106-1	7722	7365	7729	7605	2.73	cps
Cadmium	111-1	1645	1585	1639	1623	2.05	cps
Calcium	43-1	793	917	770	827	9.53	cps
Calcium	44-1	14895	15792	13273	14653	8.71	cps
Carbon	12-1	2966322	2941304	2889658	2932428	1.33	cps
Carbon	12-2	19159	19560	19249	19323	1.09	cps
Chlorine	35-1	74852	75713	74139	74901	1.05	cps
Chlorine	35-2	313	277	263	284	9.10	cps
Chromium	52-2	597	537	610	581	6.72	cps
Cobalt	59-2	177	160	170	169	4.97	cps
Copper	63-2	3430	3507	3347	3428	2.33	cps
Dysprosium	156-1	57	50	43	50	13.34	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	80	63	83	76	14.18	cps
Erbium	164-2	23	43	10	26	65.65	cps
Gadolinium	160-1	77	60	50	62	21.65	cps
Gadolinium	160-2	10	13	10	11	17.30	cps
Holmium	165-1	17173924	16960768	16990135	17041609	0.68	cps
Holmium	165-2	5818797	5820755	5828291	5822614	0.09	cps
Indium	115-1	13886254	13532747	13419566	13612856	1.79	cps
Indium	115-2	1287240	1287872	1287721	1287611	0.03	cps
Iron	54-2	580	550	483	538	9.20	cps
Iron	56-2	7919	8136	8126	8060	1.52	cps
Iron	57-2	207	173	210	197	10.31	cps
Krypton	83-1	137	153	197	162	19.09	cps
Lead	206-1	4087	4237	3711	4012	6.77	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : CCB009 Instrumnet Name : P8
Client Sample ID : CCB009 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 16:40:15 DataFile Name : 059CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	3541	3611	3230	3461	5.85	cps
Lead	208-1	16631	16761	14463	15952	8.09	cps
Lithium	6-1	7146426	7200837	7179980	7175748	0.38	cps
Magnesium	24-2	1267	1277	1320	1288	2.20	cps
Manganese	55-2	357	360	367	361	1.41	cps
Molybdenum	94-1	1760	1917	1443	1707	14.13	cps
Molybdenum	95-1	2067	2077	1607	1917	14.01	cps
Molybdenum	96-1	2254	2530	1770	2185	17.61	cps
Molybdenum	97-1	1357	1163	1030	1183	13.88	cps
Molybdenum	98-1	3137	3377	2450	2988	16.10	cps
Neodymium	150-1	47	47	53	49	7.86	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1120	1283	1180	1195	6.92	cps
Phosphorus	31-2	47	87	63	66	30.65	cps
Potassium	39-2	9366	8836	8986	9063	3.02	cps
Rhodium	103-1	12678527	12518118	12441806	12546150	0.96	cps
Rhodium	103-2	4705139	4666598	4652753	4674830	0.58	cps
Scandium	45-1	9741647	9676315	9746700	9721554	0.40	cps
Scandium	45-2	169753	169587	166610	168650	1.05	cps
Selenium	82-1	23	43	13	27	57.29	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	10	10	7	9	21.63	cps
Silicon	28-1	414480	409941	408062	410828	0.80	cps
Silver	107-1	1313	1307	950	1190	17.47	cps
Silver	109-1	1163	1177	880	1073	15.61	cps
Sodium	23-2	34618	33328	33642	33863	1.99	cps
Strontium	86-1	397	423	397	406	3.80	cps
Strontium	88-1	1097	1043	1043	1061	2.90	cps
Sulfur	34-1	399232	396580	399871	398561	0.44	cps
Terbium	159-1	17557848	17472481	17449199	17493176	0.33	cps
Terbium	159-2	5760323	5652529	5648770	5687207	1.11	cps
Thallium	203-1	1110	1130	1027	1089	5.03	cps
Thallium	205-1	2697	2580	2410	2563	5.63	cps
Tin	118-1	1750	1790	1647	1729	4.28	cps
Titanium	47-1	477	647	417	513	23.24	cps
Uranium	238-1	833	897	563	764	23.16	cps

LB Number :

LB134353

Operator :

Jaswal

Lab Sample ID :

CCB009

Instrumnet Name :

P8

Client Sample ID :

CCB009

Dilution Factor :

1

Date & Time Acquired :

2025-01-20 16:40:15

DataFile Name :

059CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	27	13	23	21	32.88	cps
Ytterbium	172-1	73	73	97	81	16.61	cps
Ytterbium	172-2	27	50	37	38	30.98	cps
Ytterbium	176-1	2337	2197	2227	2254	3.27	cps
Ytterbium	176-2	257	277	310	281	9.59	cps
Yttrium	89-1	24939845	24460742	24258378	24552988	1.43	cps
Yttrium	89-2	1761814	1765585	1748736	1758712	0.50	cps
Zinc	66-2	277	337	367	327	14.03	cps
Zirconium	90-1	1730	1803	1567	1700	7.13	cps
Zirconium	91-1	370	373	327	357	7.30	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : Q1092-01DLX50 Instrumnet Name : P8
Client Sample ID : 427 Dilution Factor : 50
Date & Time Acquired : 2025-01-20 16:43:40 DataFile Name : 060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8152	8162	8066	8127	0.65	cps
Antimony	121-1	4301	4144	3831	4092	5.85	cps
Arsenic	75-2	130	150	130	137	8.45	cps
Barium	135-1	27825	26750	25731	26769	3.91	cps
Barium	137-1	47523	46322	44948	46264	2.79	cps
Beryllium	9-1	880	742	724	782	10.91	cps
Bismuth	209-1	10081481	9844640	9238913	9721678	4.47	cps
Bismuth	209-2	3905378	3783837	3794619	3827945	1.76	cps
Bromine	81-1	8313	8543	8329	8395	1.53	cps
Cadmium	108-1	180	203	200	194	6.49	cps
Cadmium	106-1	7482	7229	6708	7140	5.53	cps
Cadmium	111-1	2841	2763	2492	2699	6.79	cps
Calcium	43-1	74351	72646	69965	72321	3.06	cps
Calcium	44-1	1289478	1229119	1142042	1220213	6.07	cps
Carbon	12-1	34862753	37214258	38479594	36852201	4.98	cps
Carbon	12-2	272048	276223	282453	276908	1.89	cps
Chlorine	35-1	4006329	4265109	4389088	4220176	4.63	cps
Chlorine	35-2	17761	18332	17851	17981	1.71	cps
Chromium	52-2	3801	3841	3811	3817	0.55	cps
Cobalt	59-2	2074	2030	2067	2057	1.13	cps
Copper	63-2	64931	64395	65289	64872	0.69	cps
Dysprosium	156-1	933	1013	1307	1085	18.15	cps
Dysprosium	156-2	287	283	283	284	0.68	cps
Erbium	164-1	1000	1033	970	1001	3.16	cps
Erbium	164-2	293	323	293	303	5.71	cps
Gadolinium	160-1	987	983	943	971	2.48	cps
Gadolinium	160-2	280	357	347	328	12.71	cps
Holmium	165-1	16867358	16146930	15196576	16070288	5.21	cps
Holmium	165-2	5665538	5356766	5438670	5486991	2.92	cps
Indium	115-1	13136357	12617497	11874572	12542809	5.06	cps
Indium	115-2	1223206	1178387	1175656	1192416	2.24	cps
Iron	54-2	58392	59748	57833	58657	1.68	cps
Iron	56-2	1076523	1072778	1074713	1074671	0.17	cps
Iron	57-2	27640	26982	26925	27183	1.46	cps
Krypton	83-1	207	183	173	188	9.11	cps
Lead	206-1	102454	97254	94393	98034	4.17	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : Q1092-01DLX50 Instrumnet Name : P8
Client Sample ID : 427 Dilution Factor : 50
Date & Time Acquired : 2025-01-20 16:43:40 DataFile Name : 060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	84953	80385	80079	81805	3.34	cps
Lead	208-1	397431	381192	368281	382301	3.82	cps
Lithium	6-1	6935222	6713511	6341485	6663406	4.50	cps
Magnesium	24-2	59203	59782	59708	59564	0.53	cps
Manganese	55-2	14067	13914	14371	14117	1.65	cps
Molybdenum	94-1	24879	23497	22528	23635	5.00	cps
Molybdenum	95-1	23647	23547	21867	23020	4.34	cps
Molybdenum	96-1	27888	25988	24776	26217	5.98	cps
Molybdenum	97-1	14411	14338	13867	14205	2.08	cps
Molybdenum	98-1	37785	36525	35248	36519	3.47	cps
Neodymium	150-1	1383	1217	1250	1283	6.87	cps
Neodymium	150-2	300	250	367	306	19.16	cps
Nickel	60-2	2490	2497	2414	2467	1.88	cps
Phosphorus	31-2	247	260	243	250	3.53	cps
Potassium	39-2	70866	70866	69523	70418	1.10	cps
Rhodium	103-1	12232545	11559089	10997381	11596338	5.33	cps
Rhodium	103-2	4368543	4205189	4254057	4275929	1.96	cps
Scandium	45-1	9790039	9237394	8678027	9235153	6.02	cps
Scandium	45-2	162934	158708	157307	159650	1.83	cps
Selenium	82-1	0	3	7	3	100.00	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	7	0	0	2	173.21	cps
Silicon	28-1	20215081	19490107	18946570	19550586	3.26	cps
Silver	107-1	1337	1413	1423	1391	3.41	cps
Silver	109-1	1270	1263	1353	1296	3.87	cps
Sodium	23-2	21491699	21246468	21246142	21328103	0.66	cps
Strontium	86-1	36802	35411	34469	35561	3.30	cps
Strontium	88-1	318089	303561	294565	305405	3.89	cps
Sulfur	34-1	483287	470447	459215	470983	2.56	cps
Terbium	159-1	17224193	16812060	15775518	16603924	4.50	cps
Terbium	159-2	5418509	5345953	5294985	5353149	1.16	cps
Thallium	203-1	760	777	683	740	6.73	cps
Thallium	205-1	1967	1770	1773	1837	6.13	cps
Tin	118-1	7485	6928	6875	7096	4.76	cps
Titanium	47-1	17387	16920	16059	16789	4.01	cps
Uranium	238-1	1327	1377	1243	1316	5.12	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : Q1092-01DLX50 Instrumnet Name : P8
Client Sample ID : 427 Dilution Factor : 50
Date & Time Acquired : 2025-01-20 16:43:40 DataFile Name : 060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	2600	2460	2504	2521	2.84	cps
Ytterbium	172-1	400	390	363	384	4.93	cps
Ytterbium	172-2	193	147	140	160	18.16	cps
Ytterbium	176-1	2297	2304	1877	2159	11.32	cps
Ytterbium	176-2	377	423	407	402	5.88	cps
Yttrium	89-1	24228165	22995248	21935501	23052971	4.98	cps
Yttrium	89-2	1674010	1583925	1612857	1623597	2.83	cps
Zinc	66-2	44697	43553	43985	44078	1.31	cps
Zirconium	90-1	31496	29625	28118	29746	5.69	cps
Zirconium	91-1	7065	6575	6538	6726	4.37	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : Q1092-03DLX5 Instrumnet Name : P8
Client Sample ID : 429 Dilution Factor : 5
Date & Time Acquired : 2025-01-20 16:46:57 DataFile Name : 061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	32633	33021	32566	32740	0.75	cps
Antimony	121-1	28677	28734	29899	29103	2.37	cps
Arsenic	75-2	417	357	397	390	7.83	cps
Barium	135-1	254376	255517	255198	255030	0.23	cps
Barium	137-1	440166	446310	448303	444926	0.95	cps
Beryllium	9-1	729	752	707	730	3.09	cps
Bismuth	209-1	10614561	10443858	10380632	10479684	1.15	cps
Bismuth	209-2	4201955	4046492	4172901	4140449	2.00	cps
Bromine	81-1	41204	48193	51722	47039	11.38	cps
Cadmium	108-1	1090	1137	1083	1103	2.63	cps
Cadmium	106-1	9176	8760	8840	8925	2.48	cps
Cadmium	111-1	11306	11537	11687	11510	1.67	cps
Calcium	43-1	551901	563981	566957	560946	1.42	cps
Calcium	44-1	9313092	9438674	9413357	9388374	0.71	cps
Carbon	12-1	58638269	60603004	61749871	60330381	2.61	cps
Carbon	12-2	411433	413319	408896	411216	0.54	cps
Chlorine	35-1	3285265	3543159	3731074	3519832	6.36	cps
Chlorine	35-2	14694	14180	14614	14496	1.91	cps
Chromium	52-2	22314	21830	22555	22233	1.66	cps
Cobalt	59-2	41343	41109	41895	41449	0.97	cps
Copper	63-2	325013	326413	322690	324705	0.58	cps
Dysprosium	156-1	1937	1977	2040	1985	2.63	cps
Dysprosium	156-2	663	643	590	632	6.00	cps
Erbium	164-1	1763	1927	1820	1837	4.52	cps
Erbium	164-2	663	667	507	612	14.93	cps
Gadolinium	160-1	1843	1820	1707	1790	4.08	cps
Gadolinium	160-2	723	727	700	717	2.03	cps
Holmium	165-1	17763861	17167368	17713740	17548323	1.89	cps
Holmium	165-2	6090200	5963374	5979482	6011019	1.15	cps
Indium	115-1	13791992	13534665	13418574	13581744	1.41	cps
Indium	115-2	1333485	1306753	1296685	1312308	1.45	cps
Iron	54-2	380442	379679	377343	379155	0.43	cps
Iron	56-2	7215007	7274625	7370761	7286798	1.08	cps
Iron	57-2	173293	175330	176062	174895	0.82	cps
Krypton	83-1	163	210	183	186	12.62	cps
Lead	206-1	278713	279996	280422	279710	0.32	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : Q1092-03DLX5 Instrumnet Name : P8
Client Sample ID : 429 Dilution Factor : 5
Date & Time Acquired : 2025-01-20 16:46:57 DataFile Name : 061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	233904	235411	235832	235049	0.43	cps
Lead	208-1	1077621	1091329	1090633	1086527	0.71	cps
Lithium	6-1	7323951	7360990	7080330	7255091	2.10	cps
Magnesium	24-2	610205	614951	615426	613527	0.47	cps
Manganese	55-2	87637	87104	86812	87184	0.48	cps
Molybdenum	94-1	369086	375798	374142	373009	0.94	cps
Molybdenum	95-1	602022	602324	607724	604023	0.53	cps
Molybdenum	96-1	645086	649405	648884	647792	0.36	cps
Molybdenum	97-1	373704	379830	377270	376935	0.82	cps
Molybdenum	98-1	962648	978622	977510	972927	0.92	cps
Neodymium	150-1	2497	2684	2397	2526	5.76	cps
Neodymium	150-2	677	607	640	641	5.46	cps
Nickel	60-2	16243	16543	15896	16227	2.00	cps
Phosphorus	31-2	4631	4464	4941	4679	5.17	cps
Potassium	39-2	378742	380568	380617	379976	0.28	cps
Rhodium	103-1	12740274	12284595	12416085	12480318	1.88	cps
Rhodium	103-2	4754935	4656954	4651861	4687916	1.24	cps
Scandium	45-1	10210631	10137258	9893377	10080422	1.65	cps
Scandium	45-2	178359	173327	172329	174672	1.85	cps
Selenium	82-1	123	-23	40	47	157.62	cps
Selenium	77-2	3	17	0	7	132.33	cps
Selenium	78-2	7	13	10	10	33.30	cps
Silicon	28-1	66395057	65774082	66391801	66186980	0.54	cps
Silver	107-1	2760	2807	2864	2810	1.84	cps
Silver	109-1	2400	2550	2647	2532	4.91	cps
Sodium	23-2	22307759	22407363	22375531	22363551	0.23	cps
Strontium	86-1	145538	146659	146923	146373	0.50	cps
Strontium	88-1	1249493	1264193	1260146	1257944	0.60	cps
Sulfur	34-1	1078246	1062280	1085474	1075333	1.10	cps
Terbium	159-1	18326266	17919374	17785176	18010272	1.56	cps
Terbium	159-2	5955199	5817897	5785086	5852728	1.54	cps
Thallium	203-1	663	643	803	703	12.40	cps
Thallium	205-1	1633	1853	1757	1748	6.31	cps
Tin	118-1	37712	38655	37715	38027	1.43	cps
Titanium	47-1	50201	52713	51054	51322	2.49	cps
Uranium	238-1	4551	4688	4708	4649	1.83	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : Q1092-03DLX5 Instrumnet Name : P8
Client Sample ID : 429 Dilution Factor : 5
Date & Time Acquired : 2025-01-20 16:46:57 DataFile Name : 061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	5935	5514	6028	5826	4.70	cps
Ytterbium	172-1	823	843	657	774	13.23	cps
Ytterbium	172-2	270	310	317	299	8.44	cps
Ytterbium	176-1	2914	2677	3027	2873	6.22	cps
Ytterbium	176-2	550	527	600	559	6.70	cps
Yttrium	89-1	25477315	24828464	24741016	25015599	1.61	cps
Yttrium	89-2	1819078	1749091	1777973	1782047	1.97	cps
Zinc	66-2	1017294	1021351	1016725	1018457	0.25	cps
Zirconium	90-1	77138	79146	78526	78270	1.31	cps
Zirconium	91-1	17014	17605	17778	17465	2.29	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : Q1092-03DUPDLX5 Instrumnet Name : P8
Client Sample ID : 429 Dilution Factor : 5
Date & Time Acquired : 2025-01-20 16:50:15 DataFile Name : 062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33696	33468	33245	33470	0.67	cps
Antimony	121-1	30467	29876	30380	30241	1.06	cps
Arsenic	75-2	393	413	370	392	5.53	cps
Barium	135-1	261285	266766	264478	264176	1.04	cps
Barium	137-1	460476	462997	462354	461942	0.28	cps
Beryllium	9-1	690	749	687	709	4.89	cps
Bismuth	209-1	10552644	10280622	10596071	10476446	1.63	cps
Bismuth	209-2	4042510	4087866	4111657	4080678	0.86	cps
Bromine	81-1	47303	54331	56724	52786	9.28	cps
Cadmium	108-1	1180	1153	1223	1186	2.98	cps
Cadmium	106-1	8793	9110	9136	9013	2.12	cps
Cadmium	111-1	11767	11739	12192	11899	2.14	cps
Calcium	43-1	581948	583810	584581	583446	0.23	cps
Calcium	44-1	9964938	9713252	9899312	9859167	1.32	cps
Carbon	12-1	56903126	59787921	61131744	59274264	3.65	cps
Carbon	12-2	417989	419989	416560	418179	0.41	cps
Chlorine	35-1	3371407	3609362	3720433	3567067	5.00	cps
Chlorine	35-2	14911	14250	14891	14684	2.56	cps
Chromium	52-2	23229	23463	23536	23409	0.69	cps
Cobalt	59-2	43586	42914	42537	43013	1.24	cps
Copper	63-2	333757	336292	337830	335960	0.61	cps
Dysprosium	156-1	2137	2217	1967	2107	6.06	cps
Dysprosium	156-2	633	637	637	636	0.30	cps
Erbium	164-1	1823	2044	1947	1938	5.69	cps
Erbium	164-2	693	633	653	660	4.63	cps
Gadolinium	160-1	1984	1930	1987	1967	1.62	cps
Gadolinium	160-2	727	723	680	710	3.67	cps
Holmium	165-1	17866271	17304471	17691352	17620698	1.63	cps
Holmium	165-2	5893367	5995201	5882579	5923716	1.05	cps
Indium	115-1	13759897	13491591	13877844	13709777	1.44	cps
Indium	115-2	1303636	1306280	1304674	1304863	0.10	cps
Iron	54-2	392723	394181	390523	392476	0.47	cps
Iron	56-2	7580907	7462180	7405063	7482716	1.20	cps
Iron	57-2	179319	180132	180041	179831	0.25	cps
Krypton	83-1	117	163	153	144	17.01	cps
Lead	206-1	286949	291423	290178	289516	0.80	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : Q1092-03DUPDLX5 Instrumnet Name : P8
Client Sample ID : 429 Dilution Factor : 5
Date & Time Acquired : 2025-01-20 16:50:15 DataFile Name : 062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	241554	241660	246671	243295	1.20	cps
Lead	208-1	1117513	1128491	1134587	1126864	0.77	cps
Lithium	6-1	7237406	7014725	7320769	7190967	2.20	cps
Magnesium	24-2	638777	633775	633468	635340	0.47	cps
Manganese	55-2	89095	90652	88596	89448	1.20	cps
Molybdenum	94-1	384947	392905	389686	389179	1.03	cps
Molybdenum	95-1	623234	639447	626343	629674	1.37	cps
Molybdenum	96-1	669542	683605	670252	674466	1.17	cps
Molybdenum	97-1	390675	393066	393032	392258	0.35	cps
Molybdenum	98-1	997709	1014680	1013277	1008555	0.93	cps
Neodymium	150-1	2690	2827	2567	2695	4.83	cps
Neodymium	150-2	760	677	653	697	8.05	cps
Nickel	60-2	16944	17080	16750	16925	0.98	cps
Phosphorus	31-2	4811	4761	4814	4795	0.62	cps
Potassium	39-2	395951	392767	392756	393825	0.47	cps
Rhodium	103-1	12554701	12437305	12735477	12575828	1.19	cps
Rhodium	103-2	4678185	4678902	4672251	4676446	0.08	cps
Scandium	45-1	10203684	9915060	10317309	10145351	2.04	cps
Scandium	45-2	173108	175194	173307	173870	0.66	cps
Selenium	82-1	77	100	117	98	20.55	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	13	7	3	8	65.47	cps
Silicon	28-1	68026029	68308304	67411891	67915408	0.67	cps
Silver	107-1	2737	2774	2870	2794	2.47	cps
Silver	109-1	2400	2534	2760	2565	7.10	cps
Sodium	23-2	23325765	23250493	23029948	23202069	0.66	cps
Strontium	86-1	152356	154034	151514	152635	0.84	cps
Strontium	88-1	1300981	1323932	1328025	1317646	1.11	cps
Sulfur	34-1	1107863	1115896	1086125	1103295	1.40	cps
Terbium	159-1	18376965	17826554	18016310	18073276	1.55	cps
Terbium	159-2	5853409	5871074	5767385	5830623	0.95	cps
Thallium	203-1	653	820	630	701	14.78	cps
Thallium	205-1	1673	1710	1690	1691	1.09	cps
Tin	118-1	38812	39343	39764	39306	1.21	cps
Titanium	47-1	51796	53091	53221	52703	1.49	cps
Uranium	238-1	4681	4821	4861	4788	1.98	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : Q1092-03DUPDLX5 Instrumnet Name : P8
Client Sample ID : 429 Dilution Factor : 5
Date & Time Acquired : 2025-01-20 16:50:15 DataFile Name : 062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	6271	6298	6288	6286	0.21	cps
Ytterbium	172-1	753	847	797	799	5.85	cps
Ytterbium	172-2	270	287	310	289	6.95	cps
Ytterbium	176-1	3004	2904	2960	2956	1.70	cps
Ytterbium	176-2	603	533	600	579	6.82	cps
Yttrium	89-1	25605833	25158228	25919182	25561081	1.50	cps
Yttrium	89-2	1748754	1774608	1800566	1774643	1.46	cps
Zinc	66-2	1046726	1059430	1057020	1054392	0.64	cps
Zirconium	90-1	79441	82430	81576	81149	1.90	cps
Zirconium	91-1	17912	18092	17855	17953	0.69	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : Q1092-03LDLX25 Instrumnet Name : P8
Client Sample ID : 429L Dilution Factor : 25
Date & Time Acquired : 2025-01-20 16:53:30 DataFile Name : 063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6755	6642	6952	6783	2.31	cps
Antimony	121-1	6278	6438	6332	6349	1.28	cps
Arsenic	75-2	83	83	103	90	12.83	cps
Barium	135-1	53967	53575	54111	53884	0.51	cps
Barium	137-1	94315	94118	95108	94513	0.55	cps
Beryllium	9-1	596	600	559	585	3.90	cps
Bismuth	209-1	10625584	11146858	10923834	10898759	2.40	cps
Bismuth	209-2	4263632	4251411	4286360	4267134	0.42	cps
Bromine	81-1	19220	19998	19741	19653	2.02	cps
Cadmium	108-1	287	210	283	260	16.67	cps
Cadmium	106-1	7852	8189	8136	8059	2.25	cps
Cadmium	111-1	3477	3711	3686	3624	3.55	cps
Calcium	43-1	118066	117924	117706	117899	0.15	cps
Calcium	44-1	2028629	2035159	2008798	2024195	0.68	cps
Carbon	12-1	15464404	15518691	15484441	15489179	0.18	cps
Carbon	12-2	101067	101655	101652	101458	0.33	cps
Chlorine	35-1	918218	940918	938569	932568	1.34	cps
Chlorine	35-2	3694	3761	3620	3692	1.90	cps
Chromium	52-2	5194	5161	5191	5182	0.35	cps
Cobalt	59-2	8930	8886	8743	8853	1.10	cps
Copper	63-2	89107	88920	89701	89243	0.46	cps
Dysprosium	156-1	467	413	463	448	6.67	cps
Dysprosium	156-2	137	127	140	134	5.16	cps
Erbium	164-1	440	520	397	452	13.84	cps
Erbium	164-2	143	97	173	138	28.04	cps
Gadolinium	160-1	377	433	423	411	7.36	cps
Gadolinium	160-2	153	170	143	156	8.66	cps
Holmium	165-1	17094307	18550168	18053788	17899421	4.13	cps
Holmium	165-2	6086432	6096111	5979925	6054156	1.06	cps
Indium	115-1	13744651	14375029	14059897	14059859	2.24	cps
Indium	115-2	1338713	1339711	1336455	1338293	0.12	cps
Iron	54-2	79972	81179	78956	80036	1.39	cps
Iron	56-2	1543438	1538930	1560189	1547519	0.72	cps
Iron	57-2	37402	36667	37476	37182	1.20	cps
Krypton	83-1	173	207	177	186	9.89	cps
Lead	206-1	60323	61019	60530	60624	0.59	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : Q1092-03LDLX25 Instrumnet Name : P8
Client Sample ID : 429L Dilution Factor : 25
Date & Time Acquired : 2025-01-20 16:53:30 DataFile Name : 063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	51006	50528	50976	50837	0.53	cps
Lead	208-1	233896	236067	235197	235053	0.46	cps
Lithium	6-1	7190048	7392489	7231553	7271363	1.47	cps
Magnesium	24-2	127195	128096	128446	127913	0.50	cps
Manganese	55-2	18422	18289	18242	18317	0.51	cps
Molybdenum	94-1	78520	79143	78382	78682	0.52	cps
Molybdenum	95-1	126718	126687	127188	126864	0.22	cps
Molybdenum	96-1	135749	134837	135934	135507	0.43	cps
Molybdenum	97-1	78239	79184	77897	78440	0.85	cps
Molybdenum	98-1	205732	204545	203077	204452	0.65	cps
Neodymium	150-1	550	550	620	573	7.05	cps
Neodymium	150-2	167	157	123	149	15.24	cps
Nickel	60-2	5241	5021	5091	5118	2.20	cps
Phosphorus	31-2	997	1007	1013	1006	0.83	cps
Potassium	39-2	84934	85914	84680	85176	0.76	cps
Rhodium	103-1	12496829	13279685	13048231	12941582	3.11	cps
Rhodium	103-2	4818365	4810908	4804748	4811340	0.14	cps
Scandium	45-1	9972546	10387763	10232146	10197485	2.06	cps
Scandium	45-2	175372	176266	176455	176031	0.33	cps
Selenium	82-1	-3	-3	17	3	346.50	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	10	27	12	110.23	cps
Silicon	28-1	14169159	14094765	14096022	14119982	0.30	cps
Silver	107-1	763	743	800	769	3.74	cps
Silver	109-1	590	663	657	637	6.37	cps
Sodium	23-2	4689566	4683652	4676808	4683342	0.14	cps
Strontium	86-1	30724	30961	30971	30885	0.45	cps
Strontium	88-1	267136	265122	263934	265397	0.61	cps
Sulfur	34-1	549966	551699	551137	550934	0.16	cps
Terbium	159-1	18029238	18579958	18371380	18326859	1.52	cps
Terbium	159-2	5854084	5893446	5994543	5914025	1.23	cps
Thallium	203-1	570	560	573	568	1.22	cps
Thallium	205-1	1307	1457	1417	1393	5.58	cps
Tin	118-1	9130	8953	9213	9099	1.46	cps
Titanium	47-1	10521	10884	10921	10775	2.05	cps
Uranium	238-1	1030	977	1037	1014	3.24	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : Q1092-03LDLX25 Instrumnet Name : P8
Client Sample ID : 429L Dilution Factor : 25
Date & Time Acquired : 2025-01-20 16:53:30 DataFile Name : 063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1217	1260	1173	1217	3.56	cps
Ytterbium	172-1	247	217	230	231	6.50	cps
Ytterbium	172-2	87	120	107	104	16.06	cps
Ytterbium	176-1	2467	2370	2267	2368	4.22	cps
Ytterbium	176-2	363	363	393	373	4.64	cps
Yttrium	89-1	24705820	26132746	25714252	25517606	2.87	cps
Yttrium	89-2	1807684	1801597	1760669	1789984	1.43	cps
Zinc	66-2	213551	214636	214817	214335	0.32	cps
Zirconium	90-1	16086	17091	16910	16696	3.21	cps
Zirconium	91-1	3597	3457	3654	3569	2.84	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : Q1092-03MSDLX5 Instrumnet Name : P8
Client Sample ID : 429 Dilution Factor : 5
Date & Time Acquired : 2025-01-20 16:56:49 DataFile Name : 064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	193489	190763	190011	191421	0.96	cps
Antimony	121-1	5852234	5951570	5969624	5924476	1.07	cps
Arsenic	75-2	108759	108484	108416	108553	0.17	cps
Barium	135-1	2841340	2841770	2861328	2848146	0.40	cps
Barium	137-1	4800981	4827785	4930897	4853221	1.41	cps
Beryllium	9-1	1982115	2034260	2028458	2014944	1.42	cps
Bismuth	209-1	10570898	10521489	10542773	10545054	0.24	cps
Bismuth	209-2	4066262	4071269	4061945	4066492	0.11	cps
Bromine	81-1	40910	45366	48296	44857	8.29	cps
Cadmium	108-1	110696	113303	112097	112032	1.16	cps
Cadmium	106-1	172908	175544	175902	174784	0.94	cps
Cadmium	111-1	1378585	1389897	1412752	1393745	1.25	cps
Calcium	43-1	1114569	1127281	1132110	1124653	0.81	cps
Calcium	44-1	18768225	18772173	18937290	18825896	0.51	cps
Carbon	12-1	50173711	52986721	54673721	52611384	4.32	cps
Carbon	12-2	372344	370154	374819	372439	0.63	cps
Chlorine	35-1	2919646	3259320	3432296	3203754	8.14	cps
Chlorine	35-2	13273	14350	14090	13905	4.04	cps
Chromium	52-2	1138941	1151104	1151165	1147070	0.61	cps
Cobalt	59-2	2377405	2368040	2409765	2385070	0.92	cps
Copper	63-2	5354856	5284276	5279985	5306372	0.79	cps
Dysprosium	156-1	1950	1923	1977	1950	1.37	cps
Dysprosium	156-2	607	587	590	594	1.80	cps
Erbium	164-1	1743	1810	1837	1797	2.68	cps
Erbium	164-2	583	537	627	582	7.73	cps
Gadolinium	160-1	1713	1800	1743	1752	2.51	cps
Gadolinium	160-2	680	720	647	682	5.38	cps
Holmium	165-1	18089988	17729755	17645088	17821610	1.33	cps
Holmium	165-2	5856682	5856479	5888878	5867346	0.32	cps
Indium	115-1	13895258	13521337	13793886	13736827	1.41	cps
Indium	115-2	1280505	1288023	1286312	1284947	0.31	cps
Iron	54-2	1218941	1227475	1232303	1226240	0.55	cps
Iron	56-2	22762476	23165594	23016977	22981682	0.89	cps
Iron	57-2	547855	557678	552137	552557	0.89	cps
Krypton	83-1	187	207	200	198	5.15	cps
Lead	206-1	6281666	6419671	6471174	6390837	1.53	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : Q1092-03MSDLX5 Instrumnet Name : P8
Client Sample ID : 429 Dilution Factor : 5
Date & Time Acquired : 2025-01-20 16:56:49 DataFile Name : 064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	5486416	5510205	5479861	5492161	0.29	cps
Lead	208-1	24955077	25208399	25238125	25133867	0.62	cps
Lithium	6-1	7255247	7150714	7147209	7184390	0.85	cps
Magnesium	24-2	2972420	2913987	2928427	2938278	1.04	cps
Manganese	55-2	1381516	1424517	1416475	1407503	1.62	cps
Molybdenum	94-1	7676970	7899560	7879050	7818527	1.57	cps
Molybdenum	95-1	6760182	6870733	6814116	6815010	0.81	cps
Molybdenum	96-1	7814738	7978163	7958869	7917257	1.13	cps
Molybdenum	97-1	4160996	4298878	4236714	4232196	1.63	cps
Molybdenum	98-1	10858616	11115774	11004819	10993070	1.17	cps
Neodymium	150-1	2684	2630	2630	2648	1.16	cps
Neodymium	150-2	503	660	630	598	13.91	cps
Nickel	60-2	597896	599356	596361	597871	0.25	cps
Phosphorus	31-2	4544	4131	4524	4400	5.30	cps
Potassium	39-2	1197439	1201741	1278536	1225905	3.72	cps
Rhodium	103-1	12957982	12625886	12659514	12747794	1.43	cps
Rhodium	103-2	4552917	4571540	4579364	4567940	0.30	cps
Scandium	45-1	10283317	10091322	9919453	10098031	1.80	cps
Scandium	45-2	173223	172481	172401	172702	0.26	cps
Selenium	82-1	90980	93235	93772	92663	1.60	cps
Selenium	77-2	1643	1540	1437	1540	6.71	cps
Selenium	78-2	5488	5311	5321	5373	1.85	cps
Silicon	28-1	65415512	65533947	66582694	65844051	0.98	cps
Silver	107-1	13767	13657	14101	13841	1.67	cps
Silver	109-1	4427	4431	4434	4431	0.08	cps
Sodium	23-2	26057740	26132865	25864650	26018418	0.53	cps
Strontium	86-1	2218076	2212313	2208214	2212868	0.22	cps
Strontium	88-1	18615343	18564129	18590362	18589945	0.14	cps
Sulfur	34-1	1038489	1046420	1040973	1041961	0.39	cps
Terbium	159-1	18737511	18085866	18148242	18323873	1.96	cps
Terbium	159-2	5757841	5713205	5711563	5727537	0.46	cps
Thallium	203-1	5844428	6058671	6019541	5974213	1.91	cps
Thallium	205-1	13755373	14098150	14170052	14007858	1.58	cps
Tin	118-1	1726608	1679376	1736369	1714117	1.78	cps
Titanium	47-1	1307459	1323129	1318957	1316515	0.62	cps
Uranium	238-1	18464546	18436206	18431799	18444183	0.10	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : Q1092-03MSDLX5 Instrumnet Name : P8
Client Sample ID : 429 Dilution Factor : 5
Date & Time Acquired : 2025-01-20 16:56:49 DataFile Name : 064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	920109	923830	931481	925140	0.63	cps
Ytterbium	172-1	813	733	660	736	10.43	cps
Ytterbium	172-2	330	253	323	302	14.05	cps
Ytterbium	176-1	15362	15296	15396	15351	0.33	cps
Ytterbium	176-2	4814	4641	4861	4772	2.43	cps
Yttrium	89-1	26017337	25639171	25421660	25692723	1.17	cps
Yttrium	89-2	1773850	1733402	1763295	1756849	1.19	cps
Zinc	66-2	1416246	1409972	1409093	1411770	0.28	cps
Zirconium	90-1	10902131	10941032	11014249	10952470	0.52	cps
Zirconium	91-1	2450061	2482731	2486803	2473198	0.81	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : Q1092-03MSDDLX5 Instrumnet Name : P8
Client Sample ID : 429 Dilution Factor : 5
Date & Time Acquired : 2025-01-20 16:59:41 DataFile Name : 065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	194448	198339	194266	195684	1.18	cps
Antimony	121-1	6021780	6135190	6124830	6093934	1.03	cps
Arsenic	75-2	108802	110153	108796	109250	0.72	cps
Barium	135-1	2862959	2933717	2864196	2886957	1.40	cps
Barium	137-1	4894182	4981325	4910097	4928535	0.94	cps
Beryllium	9-1	2081416	2010311	2014070	2035265	1.97	cps
Bismuth	209-1	10445969	10471318	10485390	10467559	0.19	cps
Bismuth	209-2	4017260	4062813	4009158	4029744	0.72	cps
Bromine	81-1	43414	47507	50002	46974	7.08	cps
Cadmium	108-1	112084	115264	113395	113581	1.41	cps
Cadmium	106-1	175352	180183	180527	178687	1.62	cps
Cadmium	111-1	1393392	1413459	1418509	1408453	0.94	cps
Calcium	43-1	1131062	1143249	1139259	1137857	0.55	cps
Calcium	44-1	18953270	19183589	19203857	19113572	0.73	cps
Carbon	12-1	50356868	54165218	54756574	53092886	4.50	cps
Carbon	12-2	376827	380557	379755	379046	0.52	cps
Chlorine	35-1	3062979	3375419	3562930	3333776	7.58	cps
Chlorine	35-2	14080	14301	14330	14237	0.96	cps
Chromium	52-2	1165160	1170337	1162794	1166097	0.33	cps
Cobalt	59-2	2428926	2431701	2369460	2410029	1.46	cps
Copper	63-2	5406427	5474834	5409033	5430098	0.71	cps
Dysprosium	156-1	2060	1943	2050	2018	3.21	cps
Dysprosium	156-2	617	580	593	597	3.11	cps
Erbium	164-1	1820	1820	1833	1825	0.42	cps
Erbium	164-2	567	517	593	559	6.96	cps
Gadolinium	160-1	1680	1723	1827	1743	4.32	cps
Gadolinium	160-2	763	677	697	712	6.37	cps
Holmium	165-1	17553551	17758260	17762337	17691383	0.67	cps
Holmium	165-2	5989548	6041029	5882949	5971175	1.35	cps
Indium	115-1	13658165	13606329	13683363	13649286	0.29	cps
Indium	115-2	1287940	1300314	1284809	1291021	0.64	cps
Iron	54-2	1245808	1258250	1249454	1251171	0.51	cps
Iron	56-2	23063245	23369270	23233848	23222121	0.66	cps
Iron	57-2	555188	564164	559335	559562	0.80	cps
Krypton	83-1	227	173	200	200	13.33	cps
Lead	206-1	6383197	6633828	6555334	6524120	1.96	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : Q1092-03MSDDLX5 Instrumnet Name : P8
Client Sample ID : 429 Dilution Factor : 5
Date & Time Acquired : 2025-01-20 16:59:41 DataFile Name : 065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	5526156	5607833	5658349	5597446	1.19	cps
Lead	208-1	25219517	25918252	25743973	25627247	1.42	cps
Lithium	6-1	7048383	7137161	6980649	7055398	1.11	cps
Magnesium	24-2	3011813	2994060	2980029	2995301	0.53	cps
Manganese	55-2	1410457	1437053	1433815	1427109	1.02	cps
Molybdenum	94-1	7827709	7954621	8050946	7944425	1.41	cps
Molybdenum	95-1	6851004	6951347	7074674	6959008	1.61	cps
Molybdenum	96-1	8034701	8127130	8114809	8092213	0.62	cps
Molybdenum	97-1	4294571	4343815	4374141	4337509	0.93	cps
Molybdenum	98-1	10957647	11446809	11424773	11276409	2.45	cps
Neodymium	150-1	2804	2904	2670	2793	4.19	cps
Neodymium	150-2	537	550	620	569	7.87	cps
Nickel	60-2	601251	607846	603403	604167	0.56	cps
Phosphorus	31-2	4487	4641	4604	4577	1.75	cps
Potassium	39-2	1230251	1285478	1284087	1266605	2.49	cps
Rhodium	103-1	12489304	12436366	12513843	12479838	0.32	cps
Rhodium	103-2	4680425	4640921	4483011	4601452	2.27	cps
Scandium	45-1	10271191	10138380	10033190	10147587	1.18	cps
Scandium	45-2	175878	177980	175322	176394	0.79	cps
Selenium	82-1	92987	95889	95453	94777	1.65	cps
Selenium	77-2	1453	1503	1743	1567	9.90	cps
Selenium	78-2	5374	5681	5101	5386	5.39	cps
Silicon	28-1	66300256	67149697	66762331	66737428	0.64	cps
Silver	107-1	13640	13860	14351	13950	2.61	cps
Silver	109-1	4327	4344	4484	4385	1.96	cps
Sodium	23-2	26565633	26449697	26489806	26501712	0.22	cps
Strontium	86-1	2204056	2229410	2227611	2220359	0.64	cps
Strontium	88-1	18914236	18898733	18830213	18881060	0.24	cps
Sulfur	34-1	1039185	1061783	1050195	1050388	1.08	cps
Terbium	159-1	18463910	18150363	18069348	18227874	1.14	cps
Terbium	159-2	5848007	5721709	5861128	5810282	1.32	cps
Thallium	203-1	5971008	6150596	6064418	6062007	1.48	cps
Thallium	205-1	14209485	14405385	14342627	14319166	0.70	cps
Tin	118-1	1755722	1762352	1724287	1747454	1.16	cps
Titanium	47-1	1329744	1355841	1346647	1344077	0.98	cps
Uranium	238-1	18708269	19080493	18649727	18812830	1.24	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : Q1092-03MSDDLX5 Instrumnet Name : P8
Client Sample ID : 429 Dilution Factor : 5
Date & Time Acquired : 2025-01-20 16:59:41 DataFile Name : 065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	942460	950008	936123	942864	0.74	cps
Ytterbium	172-1	693	677	643	671	3.79	cps
Ytterbium	172-2	280	323	277	293	8.88	cps
Ytterbium	176-1	15322	15222	15790	15445	1.96	cps
Ytterbium	176-2	5094	4818	4941	4951	2.80	cps
Yttrium	89-1	25209147	25117011	25482349	25269502	0.75	cps
Yttrium	89-2	1766028	1791993	1776903	1778308	0.73	cps
Zinc	66-2	1430487	1507962	1498481	1478977	2.86	cps
Zirconium	90-1	10835346	11210808	11302037	11116064	2.23	cps
Zirconium	91-1	2453002	2496432	2540332	2496589	1.75	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : Q1092-03ADLX5 Instrumnet Name : P8
Client Sample ID : 429A Dilution Factor : 5
Date & Time Acquired : 2025-01-20 17:02:34 DataFile Name : 066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	194788	193901	193597	194095	0.32	cps
Antimony	121-1	6067023	6086215	6065797	6073012	0.19	cps
Arsenic	75-2	109064	109064	109978	109369	0.48	cps
Barium	135-1	2881890	2862637	2841842	2862123	0.70	cps
Barium	137-1	4861392	4924663	4865602	4883885	0.72	cps
Beryllium	9-1	2040607	2063094	2063349	2055684	0.64	cps
Bismuth	209-1	10365895	10437193	10296668	10366585	0.68	cps
Bismuth	209-2	4050651	4036932	4094311	4060631	0.74	cps
Bromine	81-1	43822	47657	49811	47097	6.44	cps
Cadmium	108-1	111816	114312	113418	113182	1.12	cps
Cadmium	106-1	178883	178964	177229	178359	0.55	cps
Cadmium	111-1	1400635	1420581	1415636	1412284	0.74	cps
Calcium	43-1	1128226	1144592	1143629	1138816	0.81	cps
Calcium	44-1	18941846	19119345	19117836	19059676	0.54	cps
Carbon	12-1	51567513	53992583	54964678	53508258	3.27	cps
Carbon	12-2	380326	383298	387678	383767	0.96	cps
Chlorine	35-1	3112705	3391295	3579874	3361292	6.99	cps
Chlorine	35-2	14344	13927	14654	14308	2.55	cps
Chromium	52-2	1166071	1155606	1159093	1160257	0.46	cps
Cobalt	59-2	2439349	2397789	2384839	2407326	1.18	cps
Copper	63-2	5419754	5424653	5382900	5409102	0.42	cps
Dysprosium	156-1	2094	2024	1850	1989	6.30	cps
Dysprosium	156-2	610	570	553	578	5.04	cps
Erbium	164-1	1727	1710	1927	1788	6.74	cps
Erbium	164-2	597	580	517	564	7.48	cps
Gadolinium	160-1	1707	1893	1833	1811	5.26	cps
Gadolinium	160-2	703	697	753	718	4.31	cps
Holmium	165-1	17557022	17728451	17467873	17584449	0.75	cps
Holmium	165-2	5975732	5958147	5957057	5963645	0.18	cps
Indium	115-1	13561630	13689953	13381937	13544506	1.14	cps
Indium	115-2	1293396	1293642	1305818	1297619	0.55	cps
Iron	54-2	1241431	1248900	1252007	1247446	0.44	cps
Iron	56-2	23416956	23281341	23115773	23271357	0.65	cps
Iron	57-2	557548	561219	557179	558649	0.40	cps
Krypton	83-1	190	200	147	179	15.85	cps
Lead	206-1	6519903	6508788	6498716	6509135	0.16	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : Q1092-03ADLX5 Instrumnet Name : P8
Client Sample ID : 429A Dilution Factor : 5
Date & Time Acquired : 2025-01-20 17:02:34 DataFile Name : 066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	5571108	5569066	5664632	5601602	0.97	cps
Lead	208-1	25379650	25559685	25805476	25581604	0.84	cps
Lithium	6-1	7215099	7216059	7094864	7175341	0.97	cps
Magnesium	24-2	3037710	2994914	2978155	3003593	1.02	cps
Manganese	55-2	1432782	1422258	1426832	1427291	0.37	cps
Molybdenum	94-1	7804093	7957209	7940727	7900676	1.06	cps
Molybdenum	95-1	6860345	6791263	6859266	6836958	0.58	cps
Molybdenum	96-1	7989794	8064540	8073472	8042602	0.57	cps
Molybdenum	97-1	4213068	4275914	4278742	4255908	0.87	cps
Molybdenum	98-1	11177610	11181866	11162650	11174042	0.09	cps
Neodymium	150-1	2624	2797	2687	2703	3.25	cps
Neodymium	150-2	583	630	653	622	5.73	cps
Nickel	60-2	603104	598244	604871	602073	0.57	cps
Phosphorus	31-2	4507	4704	4594	4602	2.14	cps
Potassium	39-2	1215262	1282969	1288395	1262209	3.23	cps
Rhodium	103-1	12401661	12426287	12290209	12372719	0.59	cps
Rhodium	103-2	4641481	4685343	4592421	4639749	1.00	cps
Scandium	45-1	10044488	9991984	9916057	9984176	0.65	cps
Scandium	45-2	175224	173638	177411	175424	1.08	cps
Selenium	82-1	93450	93255	94825	93843	0.91	cps
Selenium	77-2	1570	1477	1610	1552	4.41	cps
Selenium	78-2	5124	5418	5501	5348	3.70	cps
Silicon	28-1	65993316	67300482	67819994	67037931	1.40	cps
Silver	107-1	14361	14187	14007	14185	1.25	cps
Silver	109-1	4617	4351	4357	4442	3.42	cps
Sodium	23-2	26387210	26178009	26412993	26326070	0.49	cps
Strontium	86-1	2213157	2260359	2244576	2239364	1.07	cps
Strontium	88-1	18806049	18886167	18979935	18890717	0.46	cps
Sulfur	34-1	1047776	1066299	1052551	1055542	0.91	cps
Terbium	159-1	18200409	17981296	17734314	17972006	1.30	cps
Terbium	159-2	5737366	5718260	5763991	5739873	0.40	cps
Thallium	203-1	6015162	6067369	6103451	6061994	0.73	cps
Thallium	205-1	14342491	14387546	14381729	14370589	0.17	cps
Tin	118-1	1723388	1744601	1726373	1731454	0.66	cps
Titanium	47-1	1325636	1346153	1346954	1339581	0.90	cps
Uranium	238-1	18471213	18763791	19165362	18800122	1.85	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : Q1092-03ADLX5 Instrumnet Name : P8
Client Sample ID : 429A Dilution Factor : 5
Date & Time Acquired : 2025-01-20 17:02:34 DataFile Name : 066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	935245	931874	936711	934610	0.27	cps
Ytterbium	172-1	693	813	643	717	12.19	cps
Ytterbium	172-2	310	310	330	317	3.65	cps
Ytterbium	176-1	15503	15816	15910	15743	1.35	cps
Ytterbium	176-2	4881	5024	4924	4943	1.49	cps
Yttrium	89-1	25652838	25207337	24986899	25282358	1.34	cps
Yttrium	89-2	1776479	1830041	1770531	1792350	1.83	cps
Zinc	66-2	1437007	1420408	1424326	1427247	0.61	cps
Zirconium	90-1	11122475	11151260	11120127	11131287	0.16	cps
Zirconium	91-1	2510619	2519020	2472697	2500779	0.99	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : CCV010 Instrumnet Name : P8
Client Sample ID : CCV010 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 17:05:24 DataFile Name : 067CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3125202	3150906	3122552	3132886	0.50	cps
Antimony	121-1	6870968	6951024	6851634	6891209	0.76	cps
Arsenic	75-2	120479	120244	121612	120779	0.61	cps
Barium	135-1	8870330	9017349	8978125	8955268	0.85	cps
Barium	137-1	15426339	15512755	15469894	15469662	0.28	cps
Beryllium	9-1	2372868	2416404	2402074	2397115	0.93	cps
Bismuth	209-1	9411492	9348187	9271240	9343640	0.75	cps
Bismuth	209-2	3515644	3576414	3540008	3544022	0.86	cps
Bromine	81-1	12175	11915	11211	11767	4.24	cps
Cadmium	108-1	134303	134478	135410	134730	0.44	cps
Cadmium	106-1	197437	198807	196339	197528	0.63	cps
Cadmium	111-1	1663669	1627988	1669658	1653771	1.36	cps
Calcium	43-1	13043652	13400278	13074885	13172938	1.50	cps
Calcium	44-1	210129850	213095810	210479517	211235059	0.77	cps
Carbon	12-1	5720037	5668713	5508464	5632405	1.96	cps
Carbon	12-2	38968	37581	37631	38060	2.07	cps
Chlorine	35-1	389462	368854	348687	369001	5.53	cps
Chlorine	35-2	1200	1310	1117	1209	8.02	cps
Chromium	52-2	1499905	1493380	1495885	1496390	0.22	cps
Cobalt	59-2	2659225	2675430	2697961	2677539	0.73	cps
Copper	63-2	18787858	18783705	18956001	18842522	0.52	cps
Dysprosium	156-1	447	430	447	441	2.18	cps
Dysprosium	156-2	103	80	100	94	13.36	cps
Erbium	164-1	360	440	470	423	13.43	cps
Erbium	164-2	117	130	97	114	14.66	cps
Gadolinium	160-1	330	347	290	322	9.04	cps
Gadolinium	160-2	117	100	143	120	18.22	cps
Holmium	165-1	17151756	17008850	16885008	17015205	0.78	cps
Holmium	165-2	5729265	5611176	5629500	5656647	1.12	cps
Indium	115-1	12419705	12374923	12247982	12347536	0.72	cps
Indium	115-2	1151560	1157236	1155810	1154869	0.26	cps
Iron	54-2	14915816	14901031	14863931	14893593	0.18	cps
Iron	56-2	275344916	274149049	270315943	273269969	0.96	cps
Iron	57-2	6876386	6959488	6911564	6915813	0.60	cps
Krypton	83-1	210	223	220	218	3.19	cps
Lead	206-1	27666416	27819666	27973330	27819804	0.55	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : CCV010 Instrumnet Name : P8
Client Sample ID : CCV010 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 17:05:24 DataFile Name : 067CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	23918217	23751516	23904290	23858008	0.39	cps
Lead	208-1	109315978	109835783	110354369	109835377	0.47	cps
Lithium	6-1	6369655	6397283	6412631	6393190	0.34	cps
Magnesium	24-2	52765524	53076796	52676704	52839675	0.40	cps
Manganese	55-2	6403743	6410078	6265330	6359717	1.29	cps
Molybdenum	94-1	25276172	25693516	25770041	25579910	1.04	cps
Molybdenum	95-1	36698124	36694084	37093197	36828468	0.62	cps
Molybdenum	96-1	39912239	40296990	40191448	40133559	0.50	cps
Molybdenum	97-1	22813483	22852343	22887024	22850950	0.16	cps
Molybdenum	98-1	59437729	59354367	59863286	59551794	0.46	cps
Neodymium	150-1	950	917	880	916	3.82	cps
Neodymium	150-2	87	63	107	86	25.35	cps
Nickel	60-2	727934	721173	730982	726697	0.69	cps
Phosphorus	31-2	26234	26214	26952	26466	1.59	cps
Potassium	39-2	15370250	15384241	15349486	15367992	0.11	cps
Rhodium	103-1	11094234	10972807	10869888	10978976	1.02	cps
Rhodium	103-2	3958329	4001019	4012781	3990710	0.72	cps
Scandium	45-1	9545007	9359945	9315385	9406779	1.29	cps
Scandium	45-2	161850	162402	161169	161807	0.38	cps
Selenium	82-1	103886	105199	104678	104588	0.63	cps
Selenium	77-2	1817	1633	1913	1788	7.96	cps
Selenium	78-2	5945	5755	5968	5889	1.99	cps
Silicon	28-1	20438356	20535827	20252769	20408984	0.70	cps
Silver	107-1	8754028	8692048	8740100	8728725	0.37	cps
Silver	109-1	8264934	8292684	8199601	8252406	0.58	cps
Sodium	23-2	103160212	104576108	103772988	103836436	0.68	cps
Strontium	86-1	2606098	2600319	2585089	2597169	0.42	cps
Strontium	88-1	22122535	22130978	21966005	22073172	0.42	cps
Sulfur	34-1	1104782	1080510	1075671	1086988	1.44	cps
Terbium	159-1	17438392	17338464	16955833	17244230	1.48	cps
Terbium	159-2	5411848	5426648	5431429	5423309	0.19	cps
Thallium	203-1	7121833	7259300	7176523	7185885	0.96	cps
Thallium	205-1	16878441	17125096	16921278	16974938	0.78	cps
Tin	118-1	5917103	5884803	5939020	5913642	0.46	cps
Titanium	47-1	11296872	11363126	11370022	11343340	0.36	cps
Uranium	238-1	22769660	22626591	22720216	22705489	0.32	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : CCV010 Instrumnet Name : P8
Client Sample ID : CCV010 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 17:05:24 DataFile Name : 067CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1108707	1109034	1104955	1107565	0.20	cps
Ytterbium	172-1	410	453	377	413	9.30	cps
Ytterbium	172-2	140	97	153	130	22.79	cps
Ytterbium	176-1	33797	34178	34361	34112	0.84	cps
Ytterbium	176-2	11348	11669	11025	11347	2.84	cps
Yttrium	89-1	23783701	23822515	23436719	23680979	0.90	cps
Yttrium	89-2	1661142	1666376	1671318	1666279	0.31	cps
Zinc	66-2	2042691	2038020	2025406	2035372	0.44	cps
Zirconium	90-1	12729689	13045490	12709056	12828078	1.47	cps
Zirconium	91-1	2839937	2891689	2913097	2881574	1.31	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : CCB010 Instrumnet Name : P8
Client Sample ID : CCB010 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 17:11:51 DataFile Name : 069CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	103	53	77	78	32.17	cps
Antimony	121-1	537	573	530	547	4.27	cps
Arsenic	75-2	10	7	7	8	24.71	cps
Barium	135-1	680	570	547	599	11.89	cps
Barium	137-1	1040	1107	950	1032	7.62	cps
Beryllium	9-1	755	809	782	782	3.44	cps
Bismuth	209-1	10574827	10545763	10285332	10468641	1.52	cps
Bismuth	209-2	4079626	4165785	4044875	4096762	1.52	cps
Bromine	81-1	7492	7669	7555	7572	1.18	cps
Cadmium	108-1	33	27	40	33	20.00	cps
Cadmium	106-1	7339	6992	6992	7107	2.82	cps
Cadmium	111-1	1528	1446	1440	1471	3.32	cps
Calcium	43-1	753	707	787	749	5.37	cps
Calcium	44-1	12215	12058	12002	12092	0.91	cps
Carbon	12-1	3396076	3359677	3602214	3452656	3.79	cps
Carbon	12-2	23896	23529	23556	23660	0.87	cps
Chlorine	35-1	137560	135305	132311	135059	1.95	cps
Chlorine	35-2	477	513	473	488	4.55	cps
Chromium	52-2	457	550	460	489	10.83	cps
Cobalt	59-2	167	217	163	182	16.39	cps
Copper	63-2	2704	2917	2650	2757	5.12	cps
Dysprosium	156-1	23	33	17	24	34.31	cps
Dysprosium	156-2	3	0	7	3	100.05	cps
Erbium	164-1	93	100	83	92	9.10	cps
Erbium	164-2	23	33	23	27	21.65	cps
Gadolinium	160-1	67	77	103	82	23.05	cps
Gadolinium	160-2	10	20	23	18	39.03	cps
Holmium	165-1	17262155	16847081	16801074	16970103	1.50	cps
Holmium	165-2	5636741	5879107	5715005	5743617	2.15	cps
Indium	115-1	13619542	13431139	13109413	13386698	1.93	cps
Indium	115-2	1237218	1292296	1242709	1257407	2.41	cps
Iron	54-2	353	377	357	362	3.48	cps
Iron	56-2	4587	4477	4461	4509	1.53	cps
Iron	57-2	110	107	120	112	6.18	cps
Krypton	83-1	140	113	167	140	19.05	cps
Lead	206-1	2430	2147	2414	2330	6.82	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : CCB010 Instrumnet Name : P8
Client Sample ID : CCB010 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 17:11:51 DataFile Name : 069CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	2217	1974	1787	1992	10.82	cps
Lead	208-1	9541	8918	9041	9167	3.60	cps
Lithium	6-1	7290836	7109220	7057732	7152596	1.71	cps
Magnesium	24-2	490	460	390	447	11.49	cps
Manganese	55-2	260	317	293	290	9.82	cps
Molybdenum	94-1	600	467	537	534	12.48	cps
Molybdenum	95-1	497	397	423	439	11.80	cps
Molybdenum	96-1	693	423	587	568	23.95	cps
Molybdenum	97-1	307	227	223	252	18.70	cps
Molybdenum	98-1	830	687	597	704	16.70	cps
Neodymium	150-1	20	27	23	23	14.29	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	1143	1047	1110	1100	4.46	cps
Phosphorus	31-2	53	57	50	53	6.25	cps
Potassium	39-2	8292	7866	8182	8113	2.73	cps
Rhodium	103-1	12645610	12383865	12143112	12390862	2.03	cps
Rhodium	103-2	4438764	4743540	4536552	4572952	3.40	cps
Scandium	45-1	9784018	9782895	9530439	9699117	1.51	cps
Scandium	45-2	162504	169864	161334	164567	2.81	cps
Selenium	82-1	27	73	23	41	68.00	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	13	13	3	10	57.75	cps
Silicon	28-1	415807	414645	413836	414762	0.24	cps
Silver	107-1	340	363	283	329	12.51	cps
Silver	109-1	193	223	287	234	20.32	cps
Sodium	23-2	30552	30462	29954	30323	1.06	cps
Strontium	86-1	297	310	267	291	7.62	cps
Strontium	88-1	580	503	477	520	10.32	cps
Sulfur	34-1	381510	380665	382541	381572	0.25	cps
Terbium	159-1	17500351	17394203	17165734	17353429	0.99	cps
Terbium	159-2	5501632	5671380	5460919	5544643	2.01	cps
Thallium	203-1	917	797	763	826	9.77	cps
Thallium	205-1	2154	1957	2094	2068	4.87	cps
Tin	118-1	1517	1527	3880	2308	59.00	cps
Titanium	47-1	227	220	230	226	2.26	cps
Uranium	238-1	183	130	117	143	24.61	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : CCB010 Instrumnet Name : P8
Client Sample ID : CCB010 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 17:11:51 DataFile Name : 069CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	7	10	10	9	21.63	cps
Ytterbium	172-1	90	70	103	88	19.11	cps
Ytterbium	172-2	27	33	30	30	11.10	cps
Ytterbium	176-1	2224	2027	1944	2065	6.96	cps
Ytterbium	176-2	230	323	247	267	18.67	cps
Yttrium	89-1	24777183	24382307	24160503	24439998	1.28	cps
Yttrium	89-2	1685020	1772444	1655167	1704210	3.58	cps
Zinc	66-2	313	310	260	294	10.15	cps
Zirconium	90-1	1794	1027	970	1264	36.43	cps
Zirconium	91-1	340	250	190	260	29.04	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : Q1085-01DLX10 Instrumnet Name : P8
Client Sample ID : MC0B99 Dilution Factor : 10
Date & Time Acquired : 2025-01-20 17:15:15 DataFile Name : 070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	210	340	323	291	24.30	cps
Antimony	121-1	303	240	273	272	11.64	cps
Arsenic	75-2	10	20	27	19	44.42	cps
Barium	135-1	149908	149605	150879	150131	0.44	cps
Barium	137-1	260013	260079	259639	259910	0.09	cps
Beryllium	9-1	834	794	845	824	3.27	cps
Bismuth	209-1	10289788	10515958	10450191	10418646	1.12	cps
Bismuth	209-2	4079863	4043850	3980222	4034645	1.25	cps
Bromine	81-1	11635	13660	14344	13213	10.66	cps
Cadmium	108-1	73	43	37	51	38.21	cps
Cadmium	106-1	7209	7465	7165	7280	2.23	cps
Cadmium	111-1	1557	1679	1567	1601	4.24	cps
Calcium	43-1	377669	378596	378149	378138	0.12	cps
Calcium	44-1	6322891	6279901	6490263	6364352	1.75	cps
Carbon	12-1	3651986	3690590	3821064	3721213	2.38	cps
Carbon	12-2	25472	25469	24744	25228	1.66	cps
Chlorine	35-1	1003016	1076752	1171499	1083756	7.79	cps
Chlorine	35-2	4427	4544	4437	4470	1.45	cps
Chromium	52-2	2210299	2251124	2243602	2235008	0.97	cps
Cobalt	59-2	8242	8353	8423	8339	1.09	cps
Copper	63-2	7105	6598	6675	6793	4.02	cps
Dysprosium	156-1	163	170	173	169	3.01	cps
Dysprosium	156-2	27	57	47	43	35.25	cps
Erbium	164-1	223	193	197	204	8.04	cps
Erbium	164-2	57	67	83	69	19.55	cps
Gadolinium	160-1	200	173	237	203	15.64	cps
Gadolinium	160-2	70	97	80	82	16.39	cps
Holmium	165-1	16686929	17098439	17112434	16965934	1.42	cps
Holmium	165-2	5718551	5664319	5608756	5663875	0.97	cps
Indium	115-1	13244998	13359466	13233451	13279305	0.52	cps
Indium	115-2	1242493	1260839	1230417	1244583	1.23	cps
Iron	54-2	74144	75089	73407	74214	1.14	cps
Iron	56-2	71786	72737	72345	72290	0.66	cps
Iron	57-2	1897	1687	1850	1811	6.09	cps
Krypton	83-1	177	150	203	177	15.10	cps
Lead	206-1	2164	1833	1910	1969	8.77	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : Q1085-01DLX10 Instrumnet Name : P8
Client Sample ID : MC0B99 Dilution Factor : 10
Date & Time Acquired : 2025-01-20 17:15:15 DataFile Name : 070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1760	1670	1573	1668	5.60	cps
Lead	208-1	7818	7518	7821	7719	2.26	cps
Lithium	6-1	7172103	6901678	7064367	7046049	1.93	cps
Magnesium	24-2	548542	547946	550443	548977	0.24	cps
Manganese	55-2	57760	57512	57291	57521	0.41	cps
Molybdenum	94-1	423	533	530	496	12.63	cps
Molybdenum	95-1	423	403	373	400	6.29	cps
Molybdenum	96-1	470	567	380	472	19.77	cps
Molybdenum	97-1	263	217	217	232	11.60	cps
Molybdenum	98-1	570	550	527	549	3.95	cps
Neodymium	150-1	137	140	110	129	12.76	cps
Neodymium	150-2	27	27	20	24	15.75	cps
Nickel	60-2	33065	34148	34194	33802	1.89	cps
Phosphorus	31-2	93	83	77	84	9.93	cps
Potassium	39-2	28722	29076	28802	28867	0.64	cps
Rhodium	103-1	12050517	12303261	12331345	12228374	1.26	cps
Rhodium	103-2	4435018	4563384	4361069	4453157	2.30	cps
Scandium	45-1	9591419	9713213	9850164	9718265	1.33	cps
Scandium	45-2	163939	167153	160403	163832	2.06	cps
Selenium	82-1	50	73	-3	40	98.26	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	7	17	13	12	41.65	cps
Silicon	28-1	15875640	16103590	16065668	16014966	0.76	cps
Silver	107-1	283	287	293	288	1.77	cps
Silver	109-1	157	197	160	171	12.97	cps
Sodium	23-2	1152744	1162942	1143243	1152976	0.85	cps
Strontium	86-1	80781	83705	83092	82526	1.87	cps
Strontium	88-1	705824	705250	710692	707255	0.42	cps
Sulfur	34-1	451650	447198	447477	448775	0.56	cps
Terbium	159-1	17009179	17503125	17386406	17299570	1.49	cps
Terbium	159-2	5547873	5681252	5425243	5551456	2.31	cps
Thallium	203-1	643	720	760	708	8.38	cps
Thallium	205-1	1560	1723	1630	1638	5.00	cps
Tin	118-1	1787	1713	1660	1720	3.70	cps
Titanium	47-1	473	430	357	420	14.04	cps
Uranium	238-1	5471	5468	5211	5383	2.77	cps

LB Number :

LB134353

Operator :

Jaswal

Lab Sample ID :

Q1085-01DLX10

Instrumnet Name :

P8

Client Sample ID :

MC0B99

Dilution Factor :

10

Date & Time Acquired :

2025-01-20 17:15:15

DataFile Name :

070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	80	113	153	116	31.78	cps
Ytterbium	172-1	87	157	87	110	36.74	cps
Ytterbium	172-2	40	47	63	50	24.03	cps
Ytterbium	176-1	1877	2137	2227	2080	8.74	cps
Ytterbium	176-2	257	243	320	273	14.99	cps
Yttrium	89-1	24107823	24579687	24543948	24410486	1.08	cps
Yttrium	89-2	1703418	1722517	1654662	1693533	2.07	cps
Zinc	66-2	1200	1280	1417	1299	8.44	cps
Zirconium	90-1	950	867	867	894	5.38	cps
Zirconium	91-1	187	190	177	184	3.76	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : CCV011 Instrumnet Name : P8
Client Sample ID : CCV011 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 17:18:32 DataFile Name : 071CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3061513	3033146	2972147	3022269	1.51	cps
Antimony	121-1	6518779	6579500	6633291	6577190	0.87	cps
Arsenic	75-2	115737	114803	115357	115299	0.41	cps
Barium	135-1	8493561	8487896	8569625	8517027	0.54	cps
Barium	137-1	14592826	14678069	15002718	14757871	1.47	cps
Beryllium	9-1	2299976	2340971	2311707	2317551	0.91	cps
Bismuth	209-1	9107515	9055878	9033011	9065468	0.42	cps
Bismuth	209-2	3477621	3423040	3442614	3447758	0.80	cps
Bromine	81-1	8246	8796	8449	8497	3.27	cps
Cadmium	108-1	126147	127321	127930	127133	0.71	cps
Cadmium	106-1	183711	184823	187651	185395	1.10	cps
Cadmium	111-1	1555215	1572647	1589763	1572542	1.10	cps
Calcium	43-1	12485617	12676564	12659956	12607379	0.84	cps
Calcium	44-1	201365090	204235010	205342870	203647657	1.01	cps
Carbon	12-1	3628099	3740502	3823162	3730588	2.62	cps
Carbon	12-2	30027	29129	28675	29277	2.35	cps
Chlorine	35-1	182501	177014	170322	176612	3.45	cps
Chlorine	35-2	643	620	653	639	2.68	cps
Chromium	52-2	1446704	1447424	1455161	1449763	0.32	cps
Cobalt	59-2	2640163	2593763	2577179	2603702	1.25	cps
Copper	63-2	18360680	18254480	18261170	18292110	0.33	cps
Dysprosium	156-1	407	483	437	442	8.74	cps
Dysprosium	156-2	113	93	100	102	9.97	cps
Erbium	164-1	380	403	453	412	9.09	cps
Erbium	164-2	110	120	143	124	13.75	cps
Gadolinium	160-1	367	367	350	361	2.67	cps
Gadolinium	160-2	153	87	90	110	34.15	cps
Holmium	165-1	16399591	16108801	16100537	16202977	1.05	cps
Holmium	165-2	5449272	5459081	5456458	5454937	0.09	cps
Indium	115-1	12100389	11887817	11900536	11962914	1.00	cps
Indium	115-2	1124487	1127509	1128906	1126967	0.20	cps
Iron	54-2	14400851	14365146	14359045	14375014	0.16	cps
Iron	56-2	262527549	260973209	263850316	262450358	0.55	cps
Iron	57-2	6725149	6607899	6638362	6657137	0.91	cps
Krypton	83-1	227	240	273	247	9.74	cps
Lead	206-1	26198120	26632101	26900714	26576978	1.33	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : CCV011 Instrumnet Name : P8
Client Sample ID : CCV011 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 17:18:32 DataFile Name : 071CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	22621551	22913305	22940383	22825080	0.77	cps
Lead	208-1	104148723	105345053	105577818	105023865	0.73	cps
Lithium	6-1	6294774	6384221	6242482	6307159	1.14	cps
Magnesium	24-2	51850404	51295198	50688608	51278070	1.13	cps
Manganese	55-2	6107658	6131324	6118686	6119223	0.19	cps
Molybdenum	94-1	24223670	24366741	24468097	24352836	0.50	cps
Molybdenum	95-1	35252710	35052184	35365319	35223404	0.45	cps
Molybdenum	96-1	38417109	38449465	38578772	38481782	0.22	cps
Molybdenum	97-1	21725607	21738204	21769050	21744287	0.10	cps
Molybdenum	98-1	56860159	56636001	57612482	57036214	0.90	cps
Neodymium	150-1	877	903	810	863	5.57	cps
Neodymium	150-2	60	53	60	58	6.67	cps
Nickel	60-2	707984	705608	703167	705586	0.34	cps
Phosphorus	31-2	25219	25319	24785	25107	1.13	cps
Potassium	39-2	14936125	14918071	14782267	14878821	0.57	cps
Rhodium	103-1	10673817	10357032	10541875	10524242	1.51	cps
Rhodium	103-2	3817047	3858441	3832502	3835996	0.55	cps
Scandium	45-1	9134590	8980040	9064627	9059752	0.85	cps
Scandium	45-2	158078	157917	156505	157500	0.55	cps
Selenium	82-1	99538	100240	99988	99922	0.36	cps
Selenium	77-2	1723	1643	1627	1665	3.10	cps
Selenium	78-2	5875	5675	5655	5735	2.12	cps
Silicon	28-1	19395899	19211865	19131965	19246576	0.70	cps
Silver	107-1	8214609	8305103	8245389	8255034	0.56	cps
Silver	109-1	7739426	7924993	7834567	7832995	1.18	cps
Sodium	23-2	102180498	100605052	100105685	100963745	1.07	cps
Strontium	86-1	2498879	2481225	2502549	2494218	0.46	cps
Strontium	88-1	21003143	21315220	21015393	21111252	0.84	cps
Sulfur	34-1	1006961	1025041	1029082	1020361	1.15	cps
Terbium	159-1	16821797	16316645	16457498	16531980	1.58	cps
Terbium	159-2	5256115	5173942	5274620	5234892	1.02	cps
Thallium	203-1	6828762	6847838	6858979	6845193	0.22	cps
Thallium	205-1	16198333	16219207	16311554	16243031	0.37	cps
Tin	118-1	5652475	5707154	5722097	5693909	0.64	cps
Titanium	47-1	10694122	10808427	10920106	10807552	1.05	cps
Uranium	238-1	21690105	22062215	22014689	21922336	0.92	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : CCV011 Instrumnet Name : P8
Client Sample ID : CCV011 Dilution Factor : 1
Date & Time Acquired : 2025-01-20 17:18:32 DataFile Name : 071CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1072680	1068993	1068789	1070154	0.20	cps
Ytterbium	172-1	400	443	447	430	6.05	cps
Ytterbium	172-2	187	130	163	160	17.80	cps
Ytterbium	176-1	32787	33225	32984	32999	0.66	cps
Ytterbium	176-2	10601	10868	10818	10762	1.32	cps
Yttrium	89-1	23224963	22683116	22720862	22876314	1.32	cps
Yttrium	89-2	1622294	1577377	1601900	1600524	1.41	cps
Zinc	66-2	1985334	1960643	1983438	1976472	0.70	cps
Zirconium	90-1	12083323	12208933	12265973	12186076	0.77	cps
Zirconium	91-1	2700628	2691015	2782239	2724627	1.84	cps

LB Number : LB134353 Operator : Jaswal
Lab Sample ID : CCB011 Instrumnet Name : P8
Client Sample ID : CCB011 Dilution Factor : 1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	113	143	130	129	11.67	cps
Antimony	121-1	1717	1637	1313	1556	13.73	cps
Arsenic	75-2	3	13	13	10	57.75	cps
Barium	135-1	1300	1150	1027	1159	11.81	cps
Barium	137-1	2224	1840	1533	1866	18.53	cps
Beryllium	9-1	1026	1035	879	980	8.96	cps
Bismuth	209-1	10890081	10473214	10313828	10559041	2.82	cps
Bismuth	209-2	4142092	4099555	4109864	4117170	0.54	cps
Bromine	81-1	7706	7455	7462	7541	1.89	cps
Cadmium	108-1	73	70	50	64	19.58	cps
Cadmium	106-1	7892	7262	7049	7401	5.93	cps
Cadmium	111-1	1690	1593	1521	1602	5.30	cps
Calcium	43-1	1463	1340	960	1255	20.91	cps
Calcium	44-1	24635	20505	16359	20500	20.18	cps
Carbon	12-1	3148723	3104345	3062147	3105072	1.39	cps
Carbon	12-2	20274	20254	20080	20203	0.53	cps
Chlorine	35-1	122993	119612	117596	120067	2.27	cps
Chlorine	35-2	453	433	400	429	6.28	cps
Chromium	52-2	500	557	587	548	8.03	cps
Cobalt	59-2	263	203	160	209	24.84	cps
Copper	63-2	3414	3440	3320	3392	1.86	cps
Dysprosium	156-1	47	30	30	36	27.07	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	110	70	87	89	22.60	cps
Erbium	164-2	30	33	13	26	41.94	cps
Gadolinium	160-1	80	73	63	72	11.62	cps
Gadolinium	160-2	10	10	13	11	17.30	cps
Holmium	165-1	17913196	17174824	16904990	17331003	3.01	cps
Holmium	165-2	5750710	5652331	5768850	5723964	1.10	cps
Indium	115-1	14095049	13486863	13355197	13645703	2.89	cps
Indium	115-2	1260900	1251160	1269081	1260380	0.71	cps
Iron	54-2	673	537	487	566	17.09	cps
Iron	56-2	10808	9764	7195	9255	20.09	cps
Iron	57-2	263	250	160	224	25.04	cps
Krypton	83-1	193	163	167	174	9.43	cps
Lead	206-1	4417	3917	3220	3852	15.61	cps

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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	3901	3524	2707	3377	18.07	cps
Lead	208-1	17558	15387	12896	15280	15.27	cps
Lithium	6-1	7467203	7075374	6919300	7153959	3.95	cps
Magnesium	24-2	1503	1347	933	1261	23.35	cps
Manganese	55-2	387	343	280	337	15.93	cps
Molybdenum	94-1	2357	1960	1387	1901	25.65	cps
Molybdenum	95-1	3217	2517	1610	2448	32.91	cps
Molybdenum	96-1	3327	2697	1787	2604	29.74	cps
Molybdenum	97-1	1963	1597	1010	1523	31.57	cps
Molybdenum	98-1	4834	3754	2614	3734	29.74	cps
Neodymium	150-1	37	23	43	34	29.57	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	1033	1027	1017	1026	0.82	cps
Phosphorus	31-2	50	50	80	60	28.87	cps
Potassium	39-2	9010	8956	8873	8946	0.77	cps
Rhodium	103-1	12927986	12589267	12284144	12600466	2.56	cps
Rhodium	103-2	4573518	4538827	4554457	4555601	0.38	cps
Scandium	45-1	10251472	9696596	9668232	9872100	3.33	cps
Scandium	45-2	166849	164826	168239	166638	1.03	cps
Selenium	82-1	-27	0	37	3	954.04	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	3	10	0	4	114.60	cps
Silicon	28-1	413208	407379	407280	409289	0.83	cps
Silver	107-1	1590	1143	893	1209	29.20	cps
Silver	109-1	1457	1090	957	1168	22.17	cps
Sodium	23-2	36402	34965	34771	35380	2.52	cps
Strontium	86-1	527	427	340	431	21.67	cps
Strontium	88-1	1707	1453	927	1362	29.21	cps
Sulfur	34-1	380453	380956	380165	380525	0.11	cps
Terbium	159-1	18249548	17377195	17285191	17637311	3.02	cps
Terbium	159-2	5566432	5491887	5617364	5558561	1.14	cps
Thallium	203-1	1237	1043	997	1092	11.65	cps
Thallium	205-1	2987	2794	2197	2659	15.49	cps
Tin	118-1	3028	1913	1660	2201	33.08	cps
Titanium	47-1	840	710	397	649	35.12	cps
Uranium	238-1	1390	1137	673	1067	34.07	cps

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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	37	20	20	26	37.66	cps
Ytterbium	172-1	137	100	90	109	22.57	cps
Ytterbium	172-2	20	47	27	31	44.61	cps
Ytterbium	176-1	2237	2067	2144	2149	3.96	cps
Ytterbium	176-2	250	290	283	274	7.81	cps
Yttrium	89-1	25834824	24356682	24174383	24788630	3.67	cps
Yttrium	89-2	1721342	1708046	1697042	1708810	0.71	cps
Zinc	66-2	367	360	420	382	8.60	cps
Zirconium	90-1	1823	1610	1310	1581	16.31	cps
Zirconium	91-1	397	337	300	344	14.17	cps