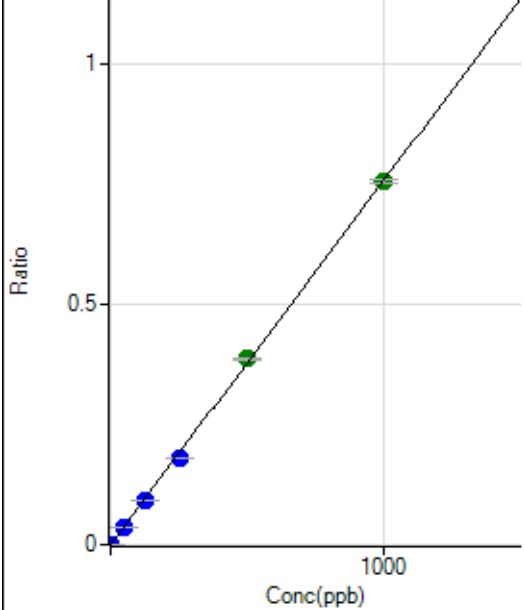


Batch Folder: D:\Agilent\ICPMH\1\DATA\P7112024 MS.b\
Analysis File: P7112024 MS.batch.bin
DA Date-Time: 2024-11-20 12:24:27
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2024-11-20 09:21:55
2	006CALS.d	S02	2024-11-20 09:28:28
3	007CALS.d	S03	2024-11-20 09:31:44
4	008CALS.d	S04	2024-11-20 09:34:40
5	009CALS.d	S05	2024-11-20 09:37:26
6	010CALS.d	S06	2024-11-20 09:40:14
7	011CALS.d	S07	2024-11-20 09:42:59
8	012CALS.d	S08	2024-11-20 09:45:46

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	42.60	0.0000	P	7.1
2	☐	1.000	0.981	2535.44	0.0008	P	5.8
3	☐	50.000	49.861	129684.64	0.0378	P	1.2
4	☐	125.000	122.794	312425.18	0.0931	P	1.3
5	☐	250.000	239.375	625429.35	0.1814	P	0.3
6	☐	500.000	511.048	1296531.41	0.3872	A	1.5
7	☐	1000.000	997.415	2569230.99	0.7557	A	1.0
8	☐			348.16	0.0001	P	29.

$y = 7.5768E-004 * x + 1.2690E-005$

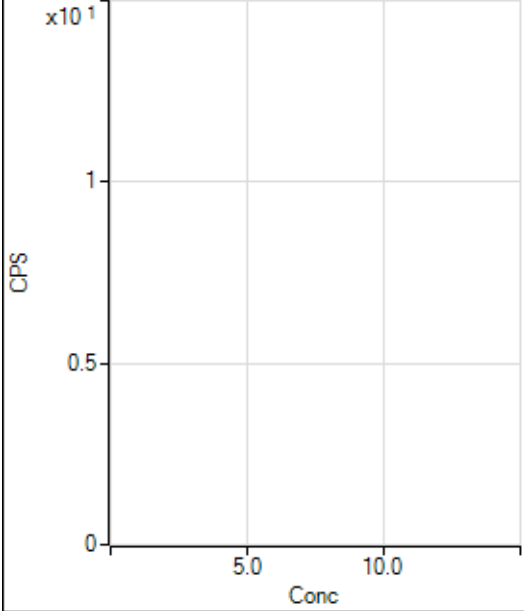
$R = 0.9998$

$DL = 0.003556$

Weight: <None>

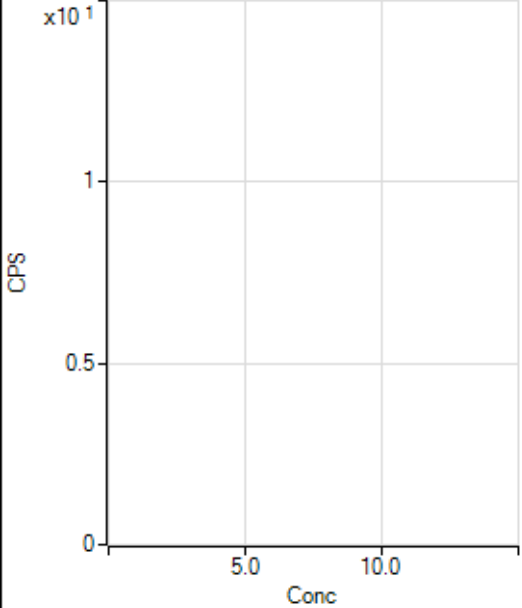
Min Conc: 0

12 C [No Gas] No available calibration points



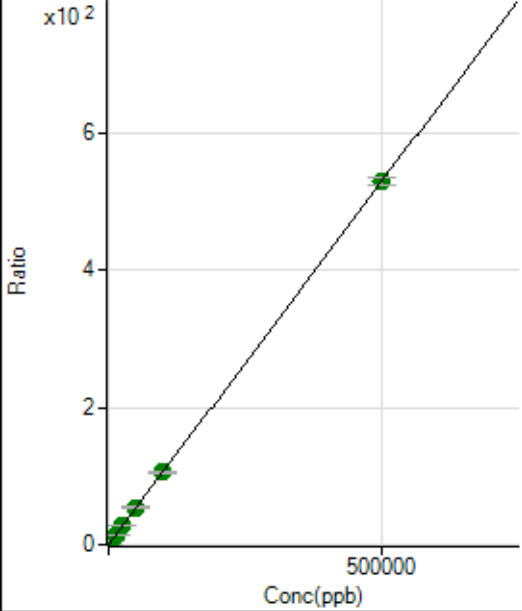
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

12 C [He] No available calibration points



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

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	77407.60	0.0588	P	1.0
2	☐	500.000	497.785	758778.84	0.5848	P	1.2
3	☐	5000.000	5331.763	7361465.79	5.6934	A	0.6
4	☐	12500.000	13110.589	17574943.35	13.9141	A	0.8
5	☐	25000.000	26335.397	34883920.31	27.8902	A	1.3
6	☐	50000.000	51578.773	68157330.65	54.5676	A	1.0
7	☐	100000.00	99400.411	138094496.83	105.1058	A	0.9
8	☐	500000.00	499876.69	673498563.30	528.3318	A	2.2

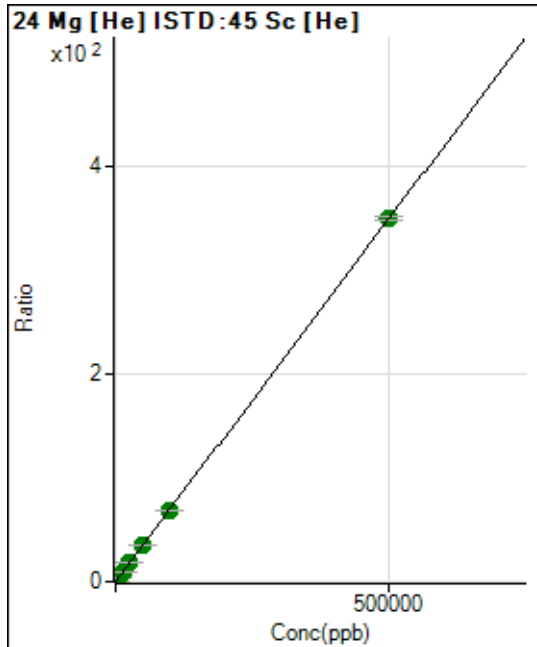
$y = 0.0011 * x + 0.0588$

R = 1.0000

DL = 1.705

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3397.08	0.0026	P	0.9
2	☐	500.000	492.795	449212.86	0.3462	P	1.1
3	☐	5000.000	5167.040	4662284.55	3.6058	A	0.3
4	☐	12500.000	12708.617	11197486.78	8.8650	A	0.9
5	☐	25000.000	25325.318	22093189.11	17.6633	A	0.9
6	☐	50000.000	49601.116	43207502.14	34.5922	A	0.9
7	☐	100000.00	97295.196	89152315.34	67.8519	A	0.3
8	☐	500000.00	500557.70	445048380.04	349.0693	A	1.0

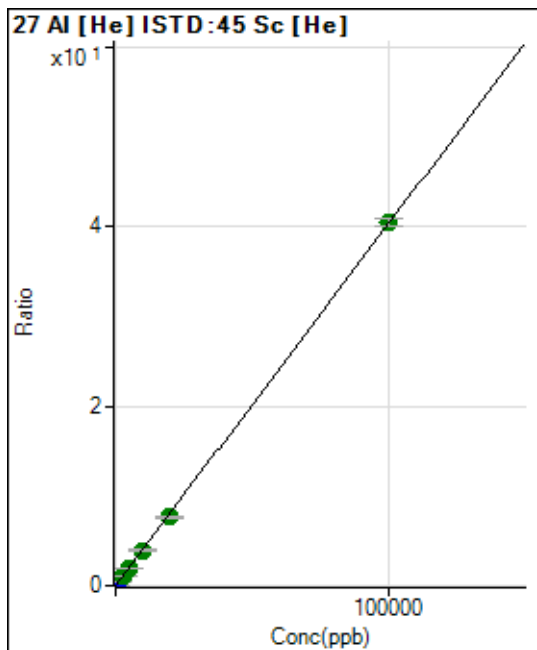
$$y = 6.9736E-004 * x + 0.0026$$

$$R = 1.0000$$

$$DL = 0.1023$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	723.62	0.0005	P	10.
2	☐	20.000	19.115	10705.23	0.0083	P	2.8
3	☐	1000.000	981.923	512270.18	0.3962	P	0.5
4	☐	2500.000	2501.137	1273673.61	1.0083	A	0.4
5	☐	5000.000	4947.573	2494011.42	1.9941	A	1.8
6	☐	10000.000	9771.775	4918463.50	3.9379	A	1.5
7	☐	20000.000	18889.198	10000644.81	7.6116	A	0.6
8	☐	100000.00	100247.75	51491778.59	40.3933	A	2.1

$$y = 4.0293E-004 * x + 5.4961E-004$$

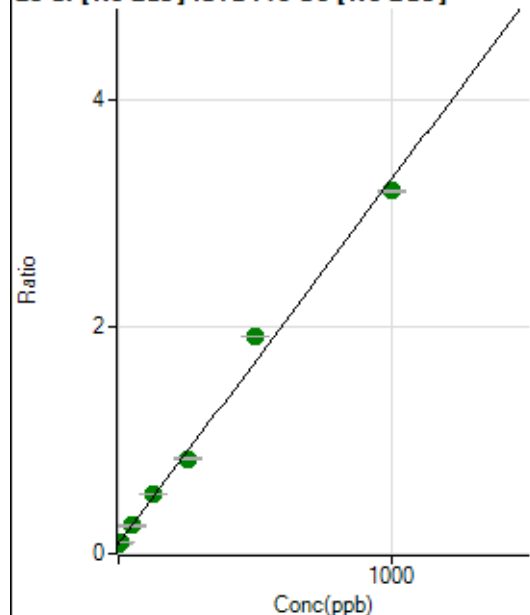
$$R = 0.9999$$

$$DL = 0.4297$$

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	1430812.43	0.0891	A	1.4
2	☐	10.000	1.612	1489156.09	0.0942	A	0.8
3	☐	50.000	48.942	3972184.87	0.2462	A	1.2
4	☐	125.000	134.624	8143860.99	0.5214	A	0.9
5	☐	250.000	233.082	13190165.08	0.8375	A	1.8
6	☐	500.000	568.644	29627983.72	1.9151	A	0.7
7	☐	1000.000	968.841	50613331.47	3.2002	A	0.2
8	☐			1346152.92	0.0872	A	2.4

$$y = 0.0032 * x + 0.0891$$

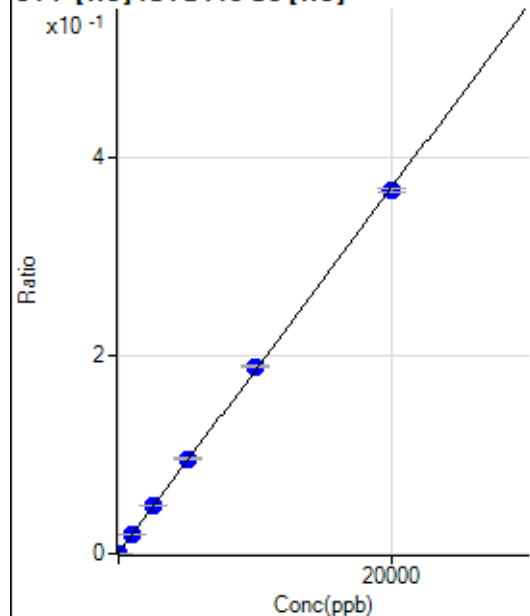
$$R = 0.9962$$

$$DL = 1.198$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-13.982	514.46	0.0004	P	19.
2	☐	0.000	13.982	1175.61	0.0009	P	8.5
3	☐	1000.000	1049.008	25844.10	0.0200	P	1.6
4	☐	2500.000	2581.778	60942.98	0.0482	P	0.7
5	☐	5000.000	5161.081	119819.02	0.0958	P	1.4
6	☐	10000.000	10229.265	236356.82	0.1892	P	1.4
7	☐	20000.000	19832.425	481226.13	0.3663	P	1.1
8	☐			490.02	0.0004	P	7.2

$$y = 1.8436E-005 * x + 6.4878E-004$$

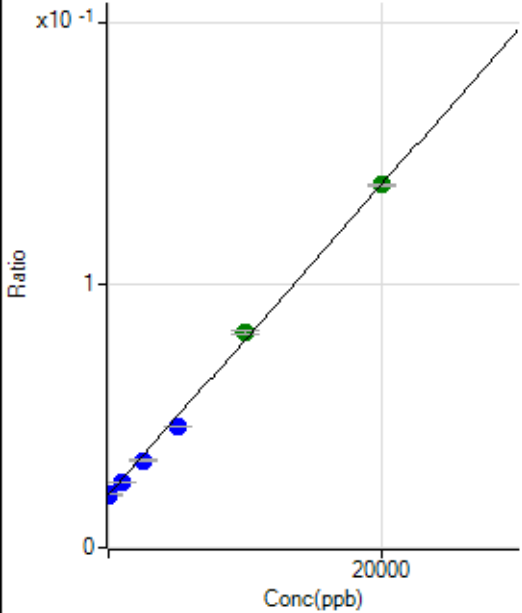
$$R = 0.9999$$

$$DL = 12.32$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-14.013	322492.71	0.0201	P	1.7
2	☐	0.000	14.013	319813.45	0.0202	P	1.0
3	☐	1000.000	793.925	400803.32	0.0248	P	0.5
4	☐	2500.000	2218.248	519370.55	0.0333	P	1.1
5	☐	5000.000	4363.804	723131.99	0.0459	P	0.5
6	☐	10000.000	10457.855	1266654.66	0.0819	A	1.9
7	☐	20000.000	19975.644	2183289.59	0.1381	A	0.6
8	☐			254251.02	0.0165	P	1.4

$y = 5.9017E-006 * x + 0.0202$

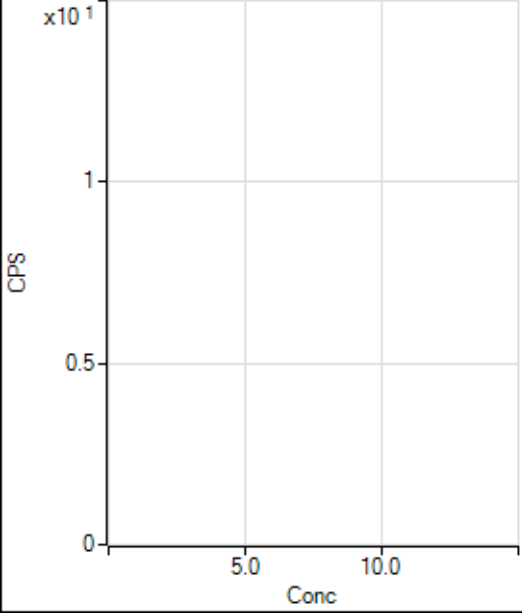
R = 0.9991

DL = 138.7

Weight: <None>

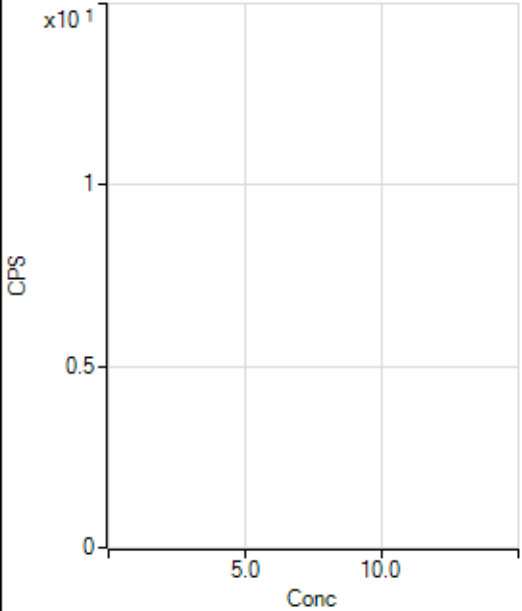
Min Conc: 0

35 Cl [No Gas] No available calibration points



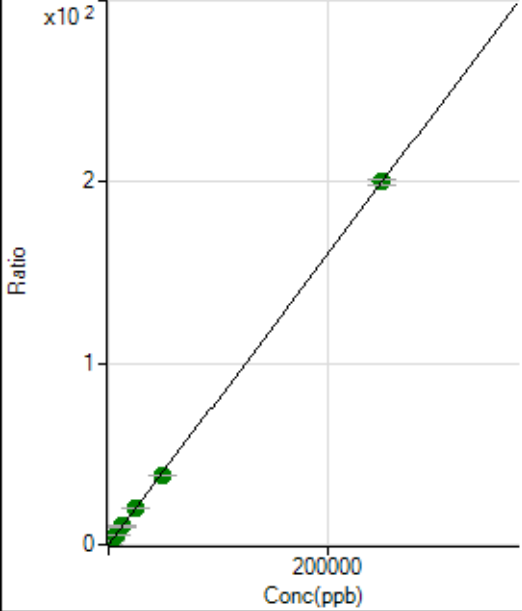
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

35 Cl [He] No available calibration points



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

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	78080.94	0.0593	P	1.6
2	☐	500.000	519.057	614918.94	0.4740	P	1.2
3	☐	2500.000	2546.038	2706553.40	2.0933	A	0.4
4	☐	6250.000	6282.888	6414696.57	5.0786	A	1.1
5	☐	12500.000	12562.547	12627194.53	10.0953	A	0.8
6	☐	25000.000	24587.192	24609174.08	19.7016	A	0.3
7	☐	50000.000	47703.787	50147682.58	38.1690	A	1.1
8	☐	250000.00	250496.07	255204260.64	200.1763	A	1.5

$y = 7.9888E-004 * x + 0.0593$

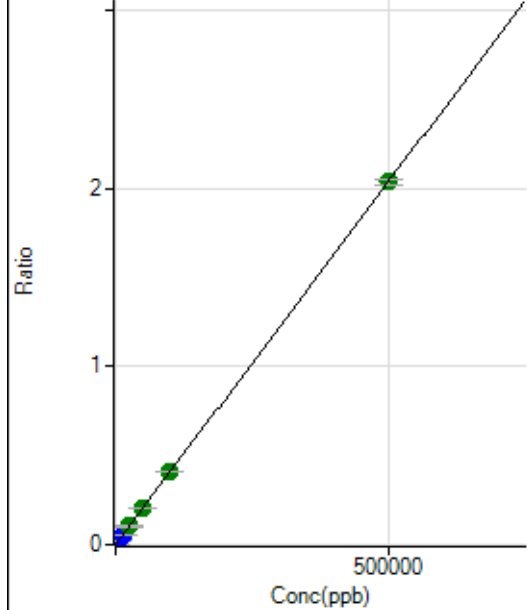
$R = 1.0000$

$DL = 3.661$

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	7334.05	0.0005	P	3.1
2	☐	500.000	531.058	41444.35	0.0026	P	1.8
3	☐	5000.000	5220.048	350857.43	0.0217	P	0.4
4	☐	12500.000	12900.628	829096.00	0.0531	P	0.5
5	☐	25000.000	25311.685	1633151.97	0.1037	A	2.0
6	☐	50000.000	50216.895	3176050.44	0.2053	A	0.9
7	☐	100000.00	100435.28	6486478.45	0.4101	A	0.4
8	☐	500000.00	499863.42	31494786.75	2.0394	A	1.3

$$y = 4.0790E-006 * x + 4.5663E-004$$

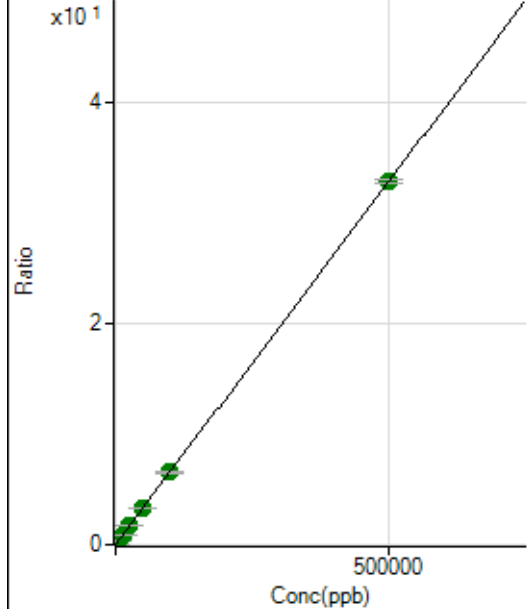
R = 1.0000

DL = 10.45

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	138566.01	0.0086	P	1.0
2	☐	500.000	527.447	683434.61	0.0433	P	2.2
3	☐	5000.000	5052.335	5489966.31	0.3403	A	1.0
4	☐	12500.000	12626.495	13082515.78	0.8376	A	0.7
5	☐	25000.000	25133.188	26122922.94	1.6586	A	0.4
6	☐	50000.000	49803.704	50716834.24	3.2782	A	0.6
7	☐	100000.00	99741.355	103693154.01	6.5566	A	1.2
8	☐	500000.00	500060.98	507117499.11	32.8375	A	0.9

$$y = 6.5650E-005 * x + 0.0086$$

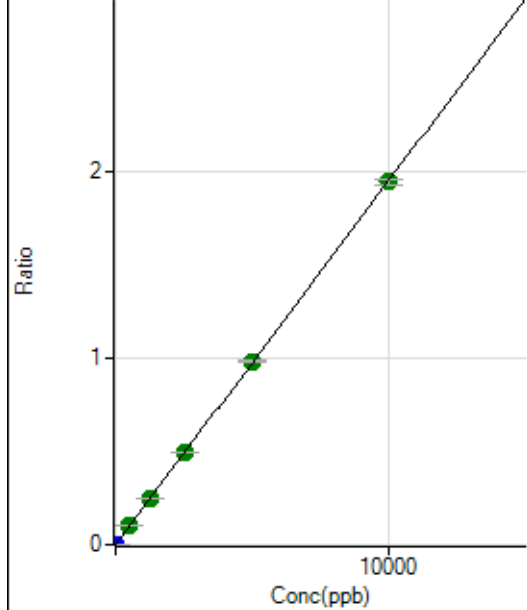
R = 1.0000

DL = 3.874

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	225.56	0.0000	P	9.4
2	☐	5.000	5.015	15640.39	0.0010	P	2.8
3	☐	500.000	515.043	1616810.05	0.1002	A	0.9
4	☐	1250.000	1260.573	3831319.91	0.2453	A	0.8
5	☐	2500.000	2523.424	7733125.65	0.4910	A	0.6
6	☐	5000.000	5035.225	15156992.14	0.9797	A	0.9
7	☐	10000.000	9974.458	30692216.21	1.9407	A	1.4
8	☐			4360.67	0.0003	P	6.2

$$y = 1.9457E-004 * x + 1.4049E-005$$

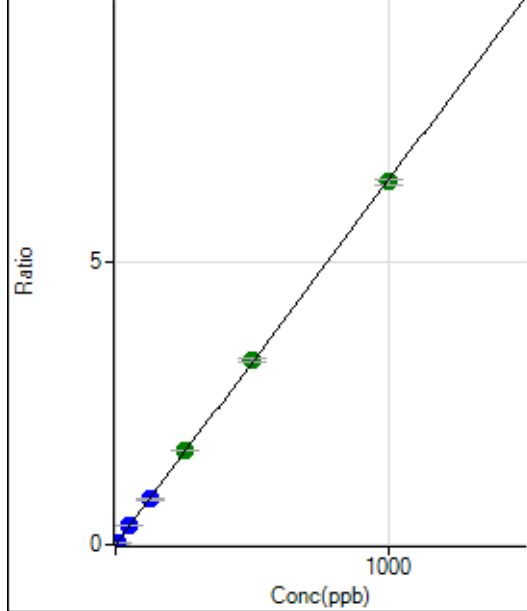
$$R = 1.0000$$

$$DL = 0.02043$$

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	47.78	0.0000	P	13.
2	☐	5.000	5.167	43246.29	0.0333	P	2.0
3	☐	50.000	50.288	419065.91	0.3241	P	0.7
4	☐	125.000	124.213	1011124.72	0.8005	P	0.6
5	☐	250.000	258.169	2080881.91	1.6638	A	1.8
6	☐	500.000	506.331	4075556.29	3.2630	A	1.3
7	☐	1000.000	994.875	8423390.71	6.4113	A	1.2
8	☐			2181.29	0.0017	P	8.3

$$y = 0.0064 * x + 3.6247E-005$$

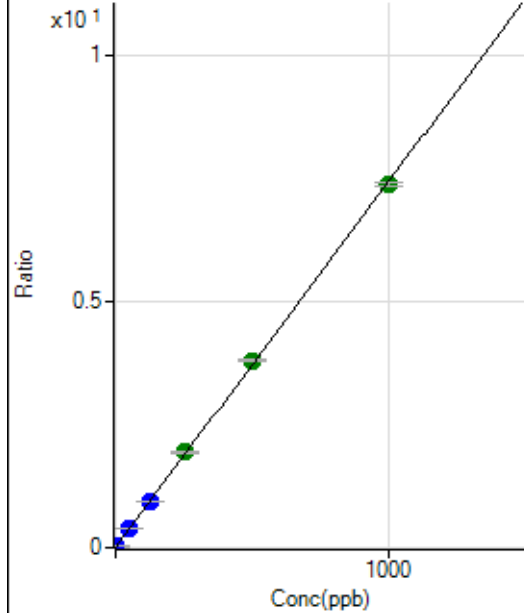
$$R = 0.9999$$

$$DL = 0.002327$$

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	6798.26	0.0052	P	1.2
2	☐	2.000	2.131	27216.85	0.0210	P	1.8
3	☐	50.000	51.159	497664.86	0.3849	P	0.5
4	☐	125.000	126.349	1191107.87	0.9430	P	0.9
5	☐	250.000	259.915	2419403.80	1.9344	A	1.9
6	☐	500.000	511.385	4747507.26	3.8010	A	1.7
7	☐	1000.000	991.602	9676959.37	7.3655	A	1.2
8	☐			17638.16	0.0138	P	2.5

$$y = 0.0074 * x + 0.0052$$

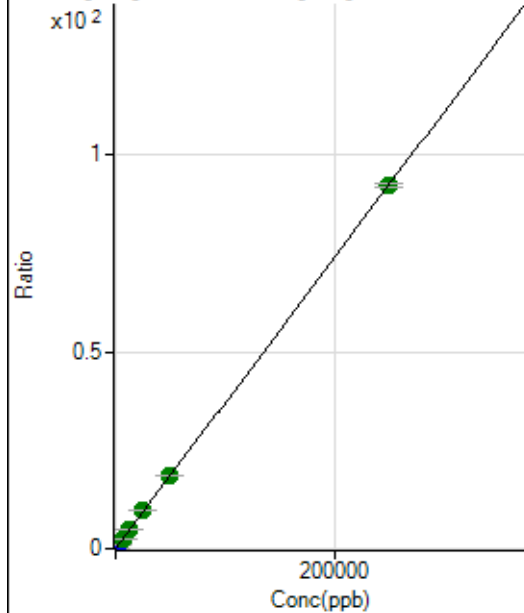
$$R = 0.9998$$

$$DL = 0.02479$$

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	5146.48	0.0039	P	1.9
2	☐	50.000	56.121	31907.16	0.0246	P	1.9
3	☐	2500.000	2722.685	1302697.89	1.0075	P	0.3
4	☐	6250.000	6638.060	3095429.68	2.4508	A	2.2
5	☐	12500.000	13380.185	6173389.56	4.9360	A	2.2
6	☐	25000.000	26339.854	12131591.34	9.7131	A	1.7
7	☐	50000.000	50487.377	24456489.64	18.6141	A	0.6
8	☐	250000.00	249712.60	117363443.81	92.0507	A	1.2

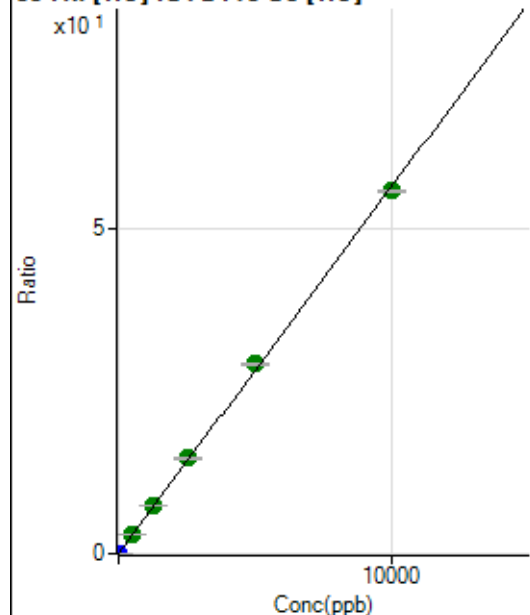
$$y = 3.6861E-004 * x + 0.0039$$

$$R = 1.0000$$

$$DL = 0.5956$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	14096.69	0.0107	P	1.0
2	☐	1.000	1.043	21513.22	0.0166	P	2.1
3	☐	500.000	521.331	3811613.62	2.9480	A	1.1
4	☐	1250.000	1290.984	9200637.85	7.2843	A	1.4
5	☐	2500.000	2604.927	18369635.56	14.6873	A	1.8
6	☐	5000.000	5162.947	36345393.35	29.0996	A	1.8
7	☐	10000.000	9886.105	73195878.35	55.7107	A	0.7
8	☐			38544.86	0.0302	P	1.4

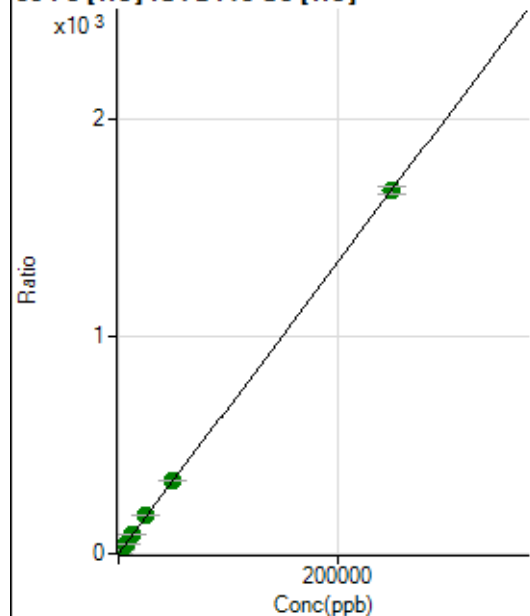
$$y = 0.0056 * x + 0.0107$$

$$R = 0.9997$$

$$DL = 0.05745$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	39899.66	0.0303	P	1.6
2	☐	50.000	55.418	519705.61	0.4006	P	1.4
3	☐	2500.000	2691.457	23290889.65	18.0135	A	0.4
4	☐	6250.000	6649.152	56152609.72	44.4571	A	1.4
5	☐	12500.000	13408.108	112090228.33	89.6176	A	1.4
6	☐	25000.000	26464.353	220885441.15	176.8538	A	2.2
7	☐	50000.000	50463.640	443042477.84	337.2069	A	0.7
8	☐	250000.00	249703.53	2127026546.0	1.668.443	A	2.0

$$y = 0.0067 * x + 0.0303$$

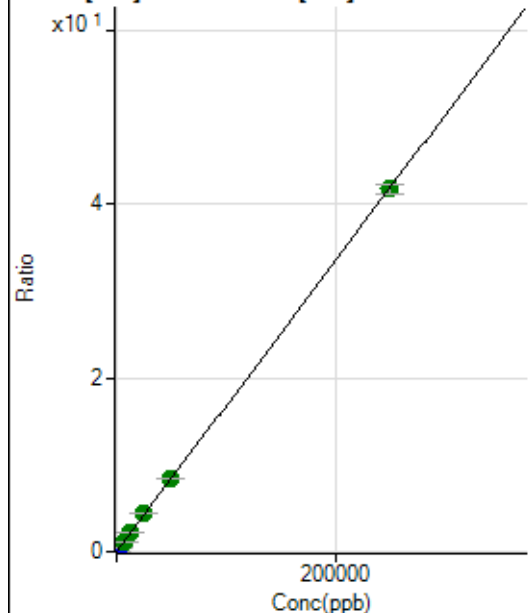
$$R = 1.0000$$

$$DL = 0.2148$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1944.59	0.0015	P	5.0
2	☐	50.000	57.332	14364.73	0.0111	P	2.7
3	☐	2500.000	2714.444	589340.65	0.4558	P	0.6
4	☐	6250.000	6698.576	1418019.68	1.1226	A	1.0
5	☐	12500.000	13354.673	2797391.80	2.2367	A	2.2
6	☐	25000.000	26138.921	5466105.75	4.3765	A	1.9
7	☐	50000.000	50409.685	11087698.44	8.4387	A	0.4
8	☐	250000.00	249748.07	53288004.21	41.8028	A	2.5

$$y = 1.6737E-004 * x + 0.0015$$

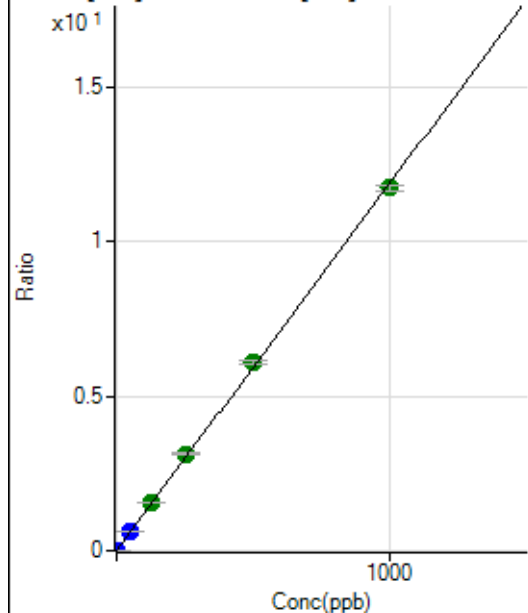
R = 1.0000

DL = 1.324

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	387.78	0.0003	P	7.8
2	☐	1.000	1.111	17474.71	0.0135	P	2.3
3	☐	50.000	52.268	802087.35	0.6203	P	0.3
4	☐	125.000	131.331	1968303.44	1.5583	A	0.2
5	☐	250.000	262.612	3896786.23	3.1156	A	1.8
6	☐	500.000	514.666	7626012.04	6.1057	A	1.8
7	☐	1000.000	988.609	15409475.05	11.7281	A	1.4
8	☐			38690.86	0.0303	P	0.5

$$y = 0.0119 * x + 2.9439E-004$$

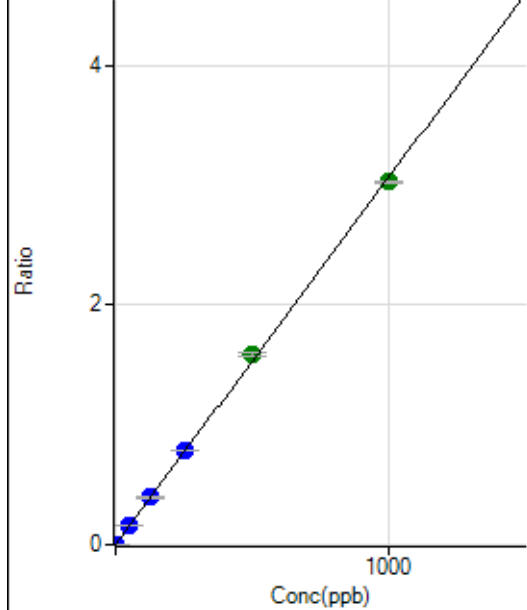
R = 0.9997

DL = 0.005819

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	810.03	0.0006	P	6.2
2	☐	1.000	1.066	5036.44	0.0039	P	2.3
3	☐	50.000	52.552	208964.59	0.1616	P	0.5
4	☐	125.000	128.299	497262.86	0.3937	P	0.3
5	☐	250.000	256.077	982044.78	0.7851	P	1.0
6	☐	500.000	519.232	1987660.20	1.5914	A	1.4
7	☐	1000.000	988.325	3979099.56	3.0285	A	0.9
8	☐			10858.45	0.0085	P	3.2

$$y = 0.0031 * x + 6.1497E-004$$

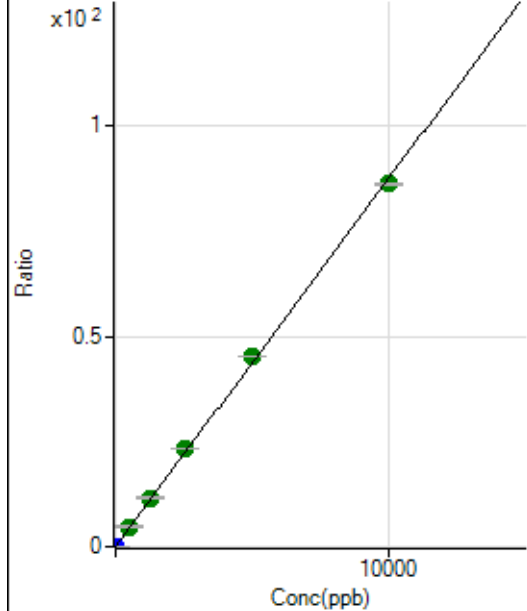
$$R = 0.9997$$

$$DL = 0.03747$$

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	2401.33	0.0018	P	8.5
2	☐	2.000	2.070	25884.73	0.0199	P	0.3
3	☐	500.000	546.788	6191844.84	4.7888	A	0.9
4	☐	1250.000	1332.324	14735168.81	11.6660	A	1.6
5	☐	2500.000	2664.195	29176719.57	23.3262	A	0.9
6	☐	5000.000	5172.513	56564351.94	45.2859	A	0.9
7	☐	10000.000	9860.065	113419124.98	86.3243	A	0.5
8	☐			20943.63	0.0164	P	4.5

$$y = 0.0088 * x + 0.0018$$

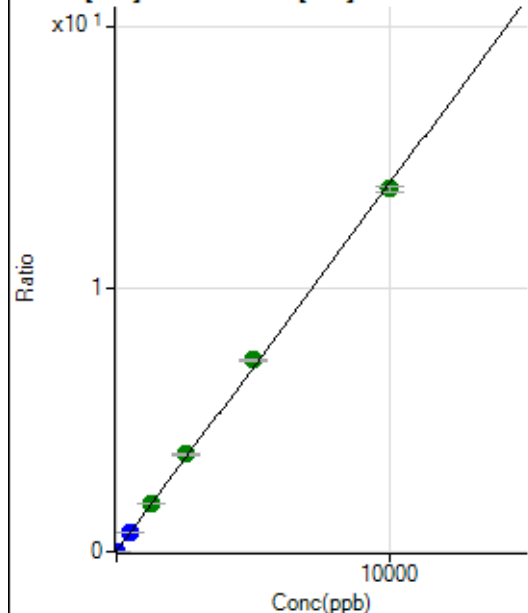
$$R = 0.9996$$

$$DL = 0.05289$$

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	14096.73	0.0107	P	1.5
2	☐	2.000	4.899	22781.88	0.0176	P	1.1
3	☐	500.000	523.700	961425.59	0.7436	P	0.6
4	☐	1250.000	1310.929	2330765.40	1.8452	A	0.6
5	☐	2500.000	2641.711	4637452.85	3.7076	A	1.1
6	☐	5000.000	5199.444	9101615.56	7.2869	A	1.1
7	☐	10000.000	9856.048	18135292.37	13.8035	A	1.3
8	☐			10489.32	0.0082	P	1.6

$$y = 0.0014 * x + 0.0107$$

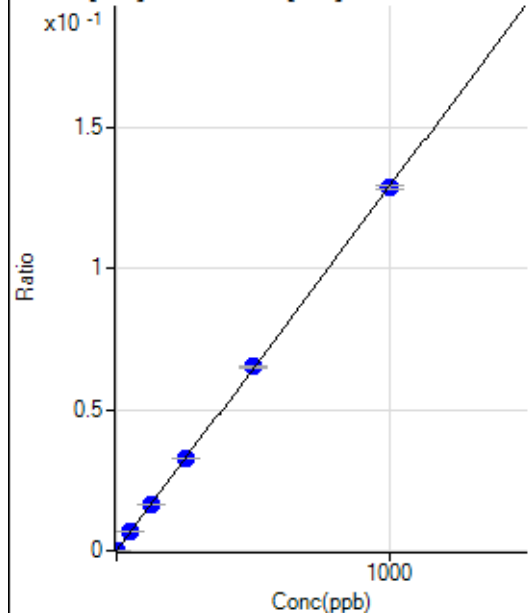
$$R = 0.9996$$

$$DL = 0.3361$$

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	12.22	0.0000	P	68.
2	☐	1.000	1.116	1320.07	0.0001	P	7.8
3	☐	50.000	52.532	62298.92	0.0068	P	0.7
4	☐	125.000	127.876	150159.67	0.0165	P	0.4
5	☐	250.000	252.304	299637.66	0.0326	P	0.8
6	☐	500.000	505.787	592541.06	0.0653	P	0.8
7	☐	1000.000	996.044	1196032.65	0.1286	P	1.0
8	☐			677.80	0.0001	P	6.0

$$y = 1.2913E-004 * x + 1.3381E-006$$

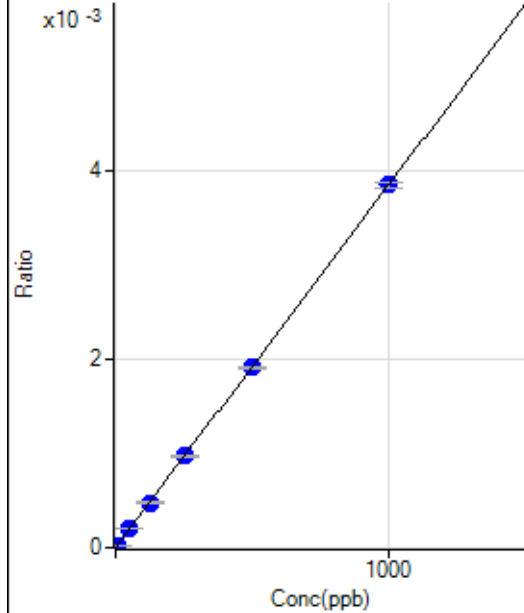
$$R = 1.0000$$

$$DL = 0.02141$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	5.465	191.11	0.0000	P	6.5
3	☐	50.000	53.614	1895.70	0.0002	P	2.7
4	☐	125.000	123.365	4319.55	0.0005	P	3.3
5	☐	250.000	252.257	8932.75	0.0010	P	2.1
6	☐	500.000	496.801	17356.98	0.0019	P	1.6
7	☐	1000.000	1001.057	35843.33	0.0039	P	1.8
8	☐			8.89	0.0000	P	21.

$$y = 3.8505E-006 * x + 0.0000E+000$$

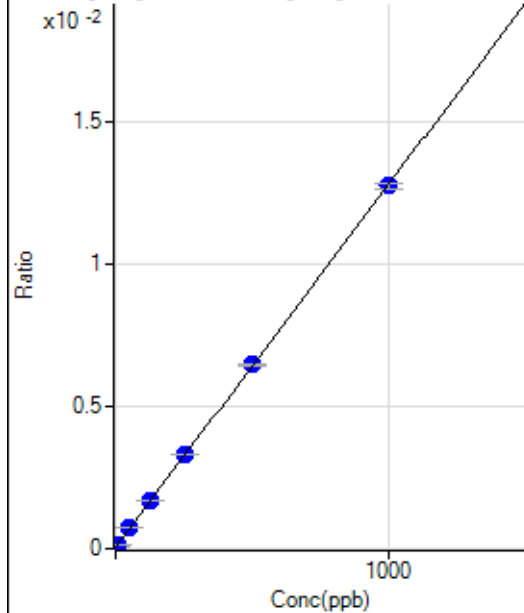
$$R = 1.0000$$

$$DL = 0$$

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	422.23	0.0000	P	5.1
2	☐	5.000	5.487	1053.38	0.0001	P	6.7
3	☐	50.000	54.421	6783.84	0.0007	P	2.5
4	☐	125.000	128.027	15234.59	0.0017	P	0.9
5	☐	250.000	255.039	30272.06	0.0033	P	0.9
6	☐	500.000	503.339	58529.50	0.0065	P	0.5
7	☐	1000.000	996.469	118340.44	0.0127	P	1.3
8	☐			483.35	0.0001	P	5.1

$$y = 1.2725E-005 * x + 4.6227E-005$$

$$R = 1.0000$$

$$DL = 0.553$$

Weight: <None>

Min Conc: 0

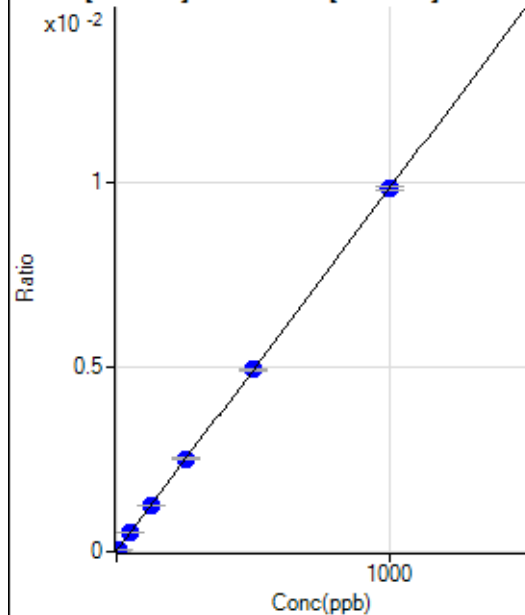
81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			15893.12		P	1.0
2	☐			15247.98		P	2.4
3	☐			14733.01		P	3.4
4	☐			14836.41		P	2.2
5	☐			14818.63		P	0.9
6	☐			14856.47		P	2.6
7	☐			15451.51		P	3.0
8	☐			17052.16		P	2.0

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			112.22		P	15.
2	☐			84.44		P	25.
3	☐			90.00		P	9.8
4	☐			96.67		P	13.
5	☐			92.22		P	14.
6	☐			100.00		P	11.
7	☐			116.67		P	15.
8	☐			151.11		P	14.

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	501.38	0.0000	P	21.
2	☐	5.000	5.006	2339.13	0.0001	P	3.7
3	☐	50.000	52.105	20275.86	0.0005	P	0.4
4	☐	125.000	126.707	47167.79	0.0013	P	0.2
5	☐	250.000	254.953	95831.64	0.0025	P	0.9
6	☐	500.000	499.759	185550.50	0.0049	P	1.2
7	☐	1000.000	998.564	381164.40	0.0098	P	1.0
8	☐			763.96	0.0000	P	10.

$y = 9.8454E-006 * x + 1.3317E-005$

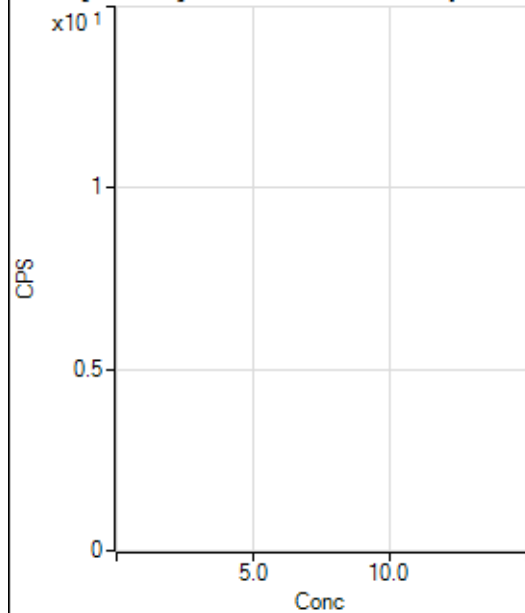
$R = 1.0000$

$DL = 0.8586$

Weight: <None>

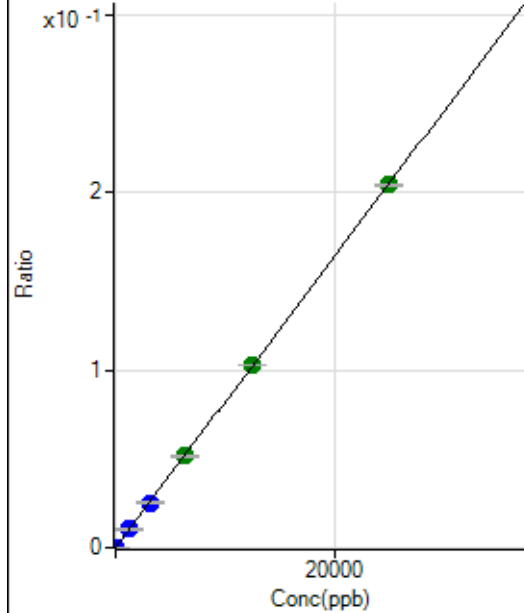
Min Conc: 0

83 Kr [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			312.23		P	9.9
2	☐			316.68		P	12.
3	☐			324.45		P	13.
4	☐			343.34		P	13.
5	☐			331.12		P	20.
6	☐			307.79		P	15.
7	☐			338.90		P	8.4
8	☐			423.34		P	12.

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	958.93	0.0000	P	3.3
2	☐	1.000	25.323	8691.53	0.0002	P	3.0
3	☐	1250.000	1257.806	397314.06	0.0103	P	0.7
4	☐	3125.000	3095.947	948314.16	0.0253	P	0.7
5	☐	6250.000	6294.658	1956334.85	0.0515	A	0.7
6	☐	12500.000	12561.323	3865116.50	0.1028	A	0.7
7	☐	25000.000	24961.414	7906309.05	0.2042	A	0.6
8	☐			25719.19	0.0007	P	0.2

$$y = 8.1794E-006 * x + 2.5441E-005$$

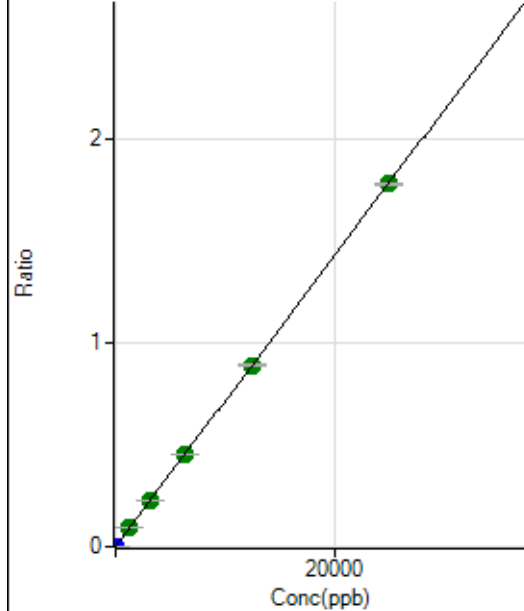
R = 1.0000

DL = 0.3045

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	4060.60	0.0001	P	1.4
2	☐	1.000	25.523	72097.83	0.0019	P	2.2
3	☐	1250.000	1287.128	3543081.23	0.0920	A	0.8
4	☐	3125.000	3176.865	8486505.92	0.2268	A	0.8
5	☐	6250.000	6311.111	17110231.14	0.4505	A	0.4
6	☐	12500.000	12503.663	33567177.55	0.8925	A	0.5
7	☐	25000.000	24974.550	69018207.30	1.7826	A	0.6
8	☐			222438.15	0.0060	P	0.3

$$y = 7.1371E-005 * x + 1.0772E-004$$

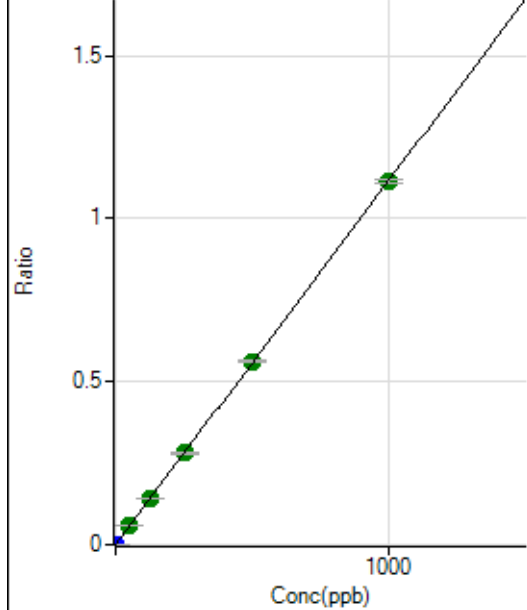
R = 1.0000

DL = 0.06208

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	2309.09	0.0001	P	2.3
2	☐	1.000	0.992	43610.19	0.0012	P	3.0
3	☐	50.000	51.223	2202734.08	0.0572	A	0.6
4	☐	125.000	125.923	5255206.17	0.1405	A	0.8
5	☐	250.000	251.480	10651247.97	0.2805	A	1.5
6	☐	500.000	503.816	21130777.46	0.5618	A	0.6
7	☐	1000.000	997.545	43068849.36	1.1124	A	0.9
8	☐			25272.95	0.0007	P	2.8

$$y = 0.0011 * x + 6.1254E-005$$

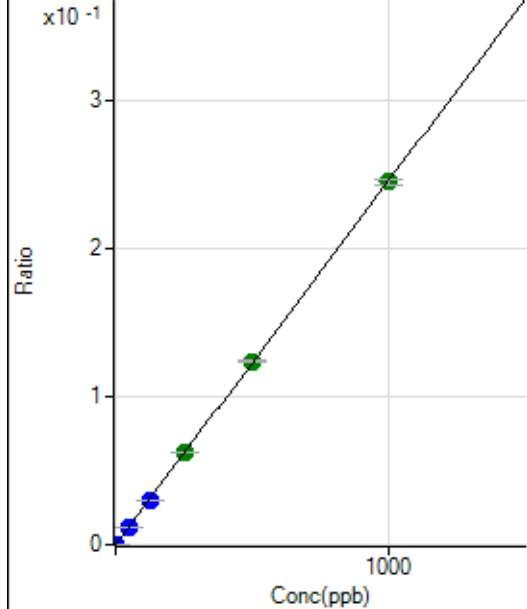
$$R = 1.0000$$

$$DL = 0.003791$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	484.46	0.0000	P	4.5
2	☐	1.000	0.992	9575.42	0.0003	P	2.3
3	☐	50.000	50.028	473099.06	0.0123	P	0.5
4	☐	125.000	123.769	1135920.82	0.0304	P	0.5
5	☐	250.000	254.364	2369288.58	0.0624	A	0.7
6	☐	500.000	503.024	4639644.06	0.1234	A	1.0
7	☐	1000.000	997.549	9471299.10	0.2446	A	1.5
8	☐			5504.43	0.0001	P	8.2

$$y = 2.4522E-004 * x + 1.2856E-005$$

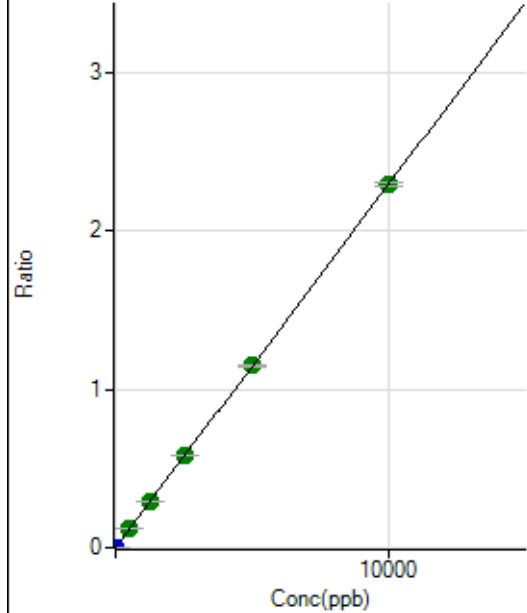
$$R = 1.0000$$

$$DL = 0.007044$$

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	860.03	0.0000	P	7.6
2	☐	5.000	5.854	51052.02	0.0014	P	1.6
3	☐	500.000	508.547	4495879.86	0.1167	A	0.6
4	☐	1250.000	1261.876	10832317.75	0.2895	A	0.9
5	☐	2500.000	2523.559	21989695.51	0.5790	A	0.7
6	☐	5000.000	5007.607	43212476.58	1.1490	A	0.7
7	☐	10000.000	9988.395	88730889.79	2.2918	A	1.2
8	☐			21489.27	0.0006	P	4.6

$$y = 2.2944E-004 * x + 2.2814E-005$$

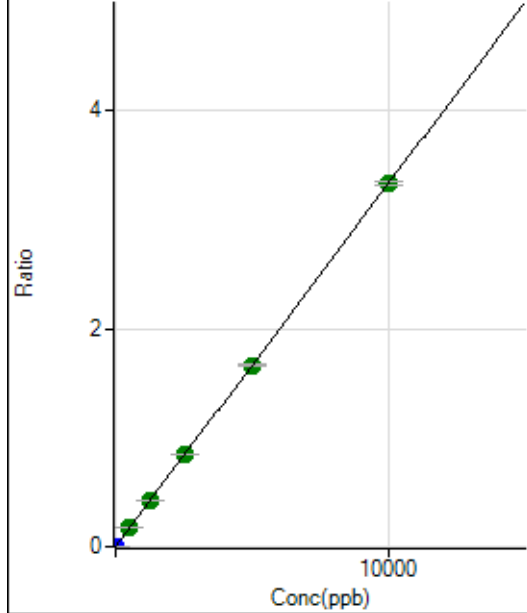
$$R = 1.0000$$

$$DL = 0.02266$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	130.00	0.0000	P	19.
2	☐	5.000	4.943	61664.76	0.0017	P	1.7
3	☐	500.000	511.119	6558622.26	0.1703	A	1.2
4	☐	1250.000	1269.824	15823774.35	0.4230	A	0.6
5	☐	2500.000	2534.164	32056474.24	0.8441	A	0.8
6	☐	5000.000	4998.257	62615808.51	1.6649	A	0.7
7	☐	10000.000	9989.297	128825601.41	3.3274	A	1.2
8	☐			20573.48	0.0006	P	8.0

$$y = 3.3309E-004 * x + 3.4525E-006$$

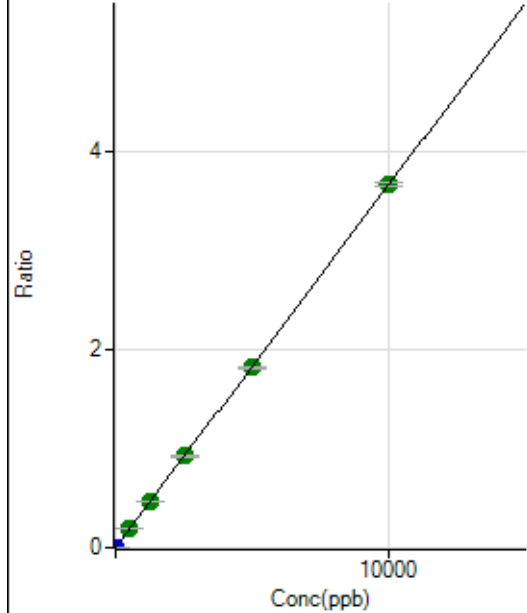
$$R = 1.0000$$

$$DL = 0.005976$$

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	322.23	0.0000	P	16.
2	☐	5.000	5.020	68971.56	0.0018	P	1.9
3	☐	500.000	508.870	7173860.24	0.1862	A	0.7
4	☐	1250.000	1264.525	17311382.94	0.4627	A	0.3
5	☐	2500.000	2524.651	35084639.48	0.9239	A	0.9
6	☐	5000.000	4975.542	68474233.42	1.8207	A	1.2
7	☐	10000.000	10003.807	141733122.33	3.6607	A	1.1
8	☐			39903.40	0.0011	P	5.2

$$y = 3.6593E-004 * x + 8.5515E-006$$

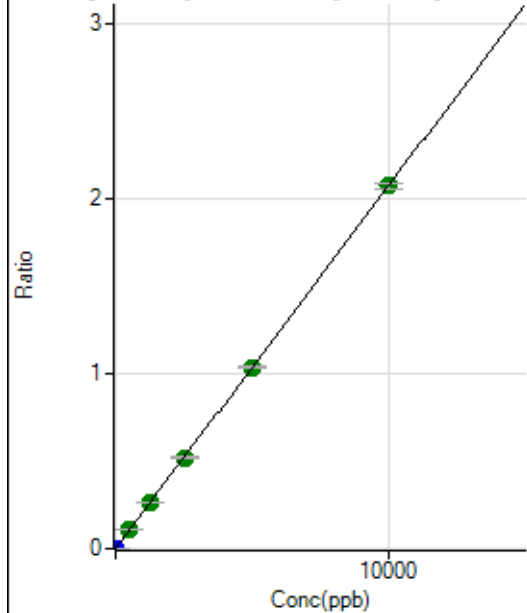
$$R = 1.0000$$

$$DL = 0.01126$$

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	88.89	0.0000	P	5.0
2	☐	5.000	4.983	38679.96	0.0010	P	1.6
3	☐	500.000	508.833	4062555.29	0.1055	A	0.6
4	☐	1250.000	1254.895	9729700.90	0.2601	A	0.5
5	☐	2500.000	2516.515	19806313.18	0.5215	A	1.5
6	☐	5000.000	4990.678	38899344.98	1.0343	A	1.2
7	☐	10000.000	9999.479	80235798.80	2.0724	A	1.3
8	☐			12314.19	0.0003	P	8.3

$$y = 2.0725E-004 * x + 2.3577E-006$$

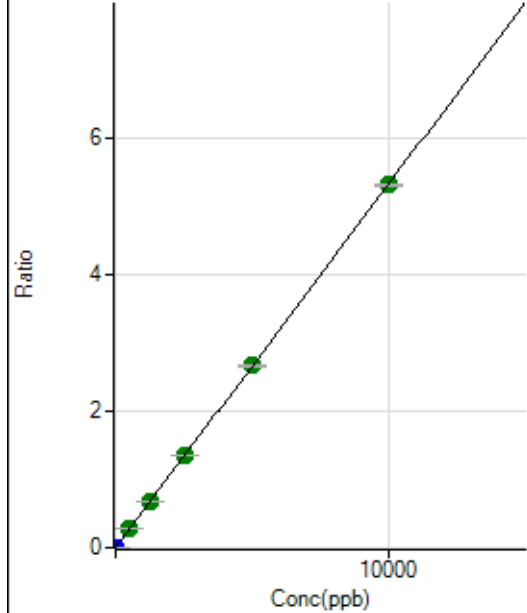
$$R = 1.0000$$

$$DL = 0.001719$$

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	232.23	0.0000	P	6.8
2	☐	5.000	4.947	98449.96	0.0026	P	1.8
3	☐	500.000	508.816	10414439.22	0.2703	A	0.4
4	☐	1250.000	1266.308	25169306.01	0.6728	A	0.4
5	☐	2500.000	2523.781	50921256.46	1.3409	A	0.8
6	☐	5000.000	5018.593	100277121.84	2.6663	A	1.2
7	☐	10000.000	9982.279	205340305.83	5.3035	A	0.8
8	☐			31260.26	0.0008	P	8.5

$$y = 5.3129E-004 * x + 6.1622E-006$$

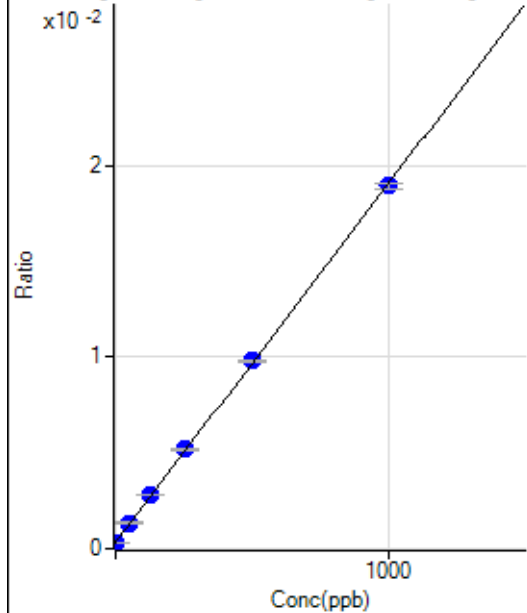
$$R = 1.0000$$

$$DL = 0.002349$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	10498.32	0.0003	P	1.9
2	☐	1.000	1.161	11045.40	0.0003	P	0.8
3	☐	50.000	54.802	45148.90	0.0014	P	2.3
4	☐	125.000	133.354	93379.67	0.0028	P	0.9
5	☐	250.000	259.841	176586.44	0.0052	P	1.2
6	☐	500.000	505.275	331671.60	0.0098	P	0.7
7	☐	1000.000	993.618	665509.29	0.0190	P	1.6
8	☐			10598.38	0.0003	P	0.6

$$y = 1.8756E-005 * x + 3.2215E-004$$

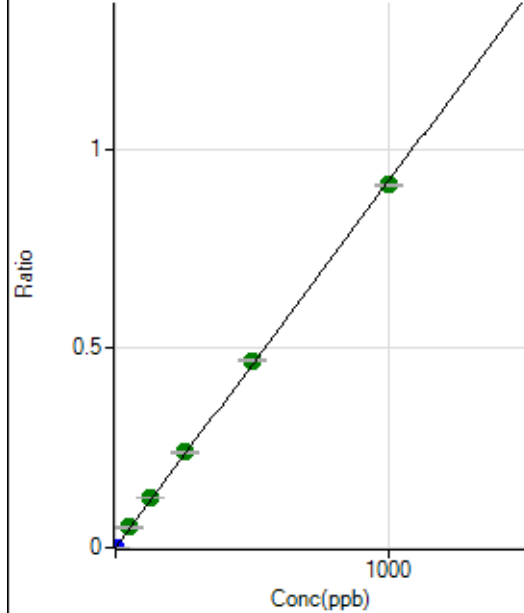
$$R = 0.9999$$

$$DL = 0.9838$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	178.89	0.0000	P	7.7
2	☐	1.000	1.086	32235.86	0.0010	P	2.9
3	☐	50.000	55.173	1696409.82	0.0507	A	0.7
4	☐	125.000	134.332	4084263.55	0.1235	A	0.6
5	☐	250.000	260.628	8142535.57	0.2396	A	0.7
6	☐	500.000	510.747	15890726.71	0.4695	A	0.8
7	☐	1000.000	990.544	31965587.86	0.9105	A	0.5
8	☐			4221.77	0.0001	P	10.

$$y = 9.1920E-004 * x + 5.4882E-006$$

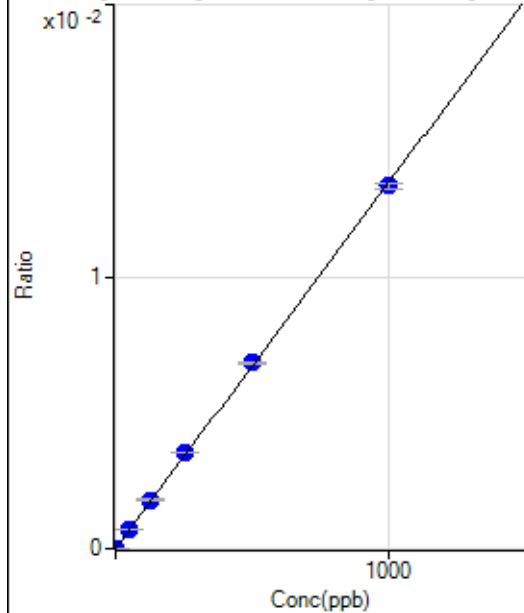
$$R = 0.9998$$

$$DL = 0.001375$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	24.44	0.0000	P	57.
2	☐	1.000	1.147	520.01	0.0000	P	4.1
3	☐	50.000	54.537	24579.77	0.0007	P	1.6
4	☐	125.000	133.338	59392.03	0.0018	P	2.0
5	☐	250.000	261.547	119696.48	0.0035	P	0.9
6	☐	500.000	507.939	231475.91	0.0068	P	0.8
7	☐	1000.000	991.874	468758.58	0.0134	P	1.7
8	☐			256.67	0.0000	P	19.

$$y = 1.3462E-005 * x + 7.5261E-007$$

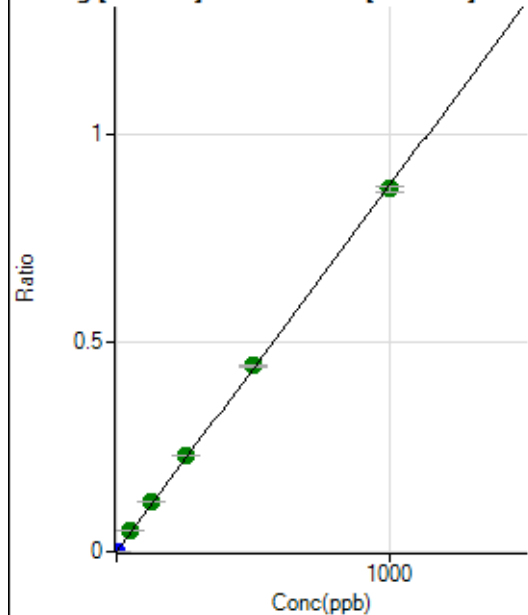
$$R = 0.9999$$

$$DL = 0.09647$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	84.44	0.0000	P	25.
2	☐	1.000	1.086	30673.55	0.0010	P	2.9
3	☐	50.000	55.552	1629511.47	0.0487	A	0.8
4	☐	125.000	135.334	3925423.03	0.1187	A	1.6
5	☐	250.000	263.149	7843681.97	0.2308	A	0.8
6	☐	500.000	509.004	15108958.25	0.4464	A	1.0
7	☐	1000.000	990.641	30497975.94	0.8688	A	1.3
8	☐			4003.93	0.0001	P	16.

$$y = 8.7699E-004 * x + 2.5870E-006$$

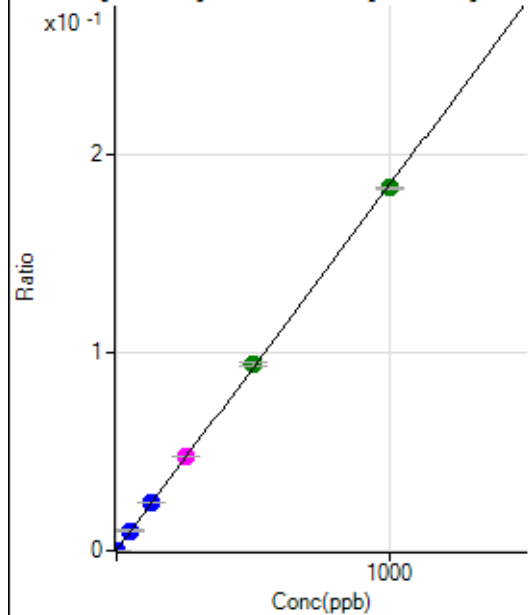
$$R = 0.9998$$

$$DL = 0.002226$$

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	7369.49	0.0002	P	1.8
2	☐	1.000	1.143	14031.60	0.0004	P	1.6
3	☐	50.000	53.938	340422.09	0.0102	P	0.9
4	☐	125.000	130.864	806113.66	0.0244	P	0.5
5	☐	250.000	258.174	1626804.35	0.0479	M	0.2
6	☐	500.000	509.933	3192203.32	0.0943	A	1.4
7	☐	1000.000	992.060	6434044.02	0.1833	A	0.7
8	☐			8578.16	0.0003	P	1.3

$$y = 1.8451E-004 * x + 2.2614E-004$$

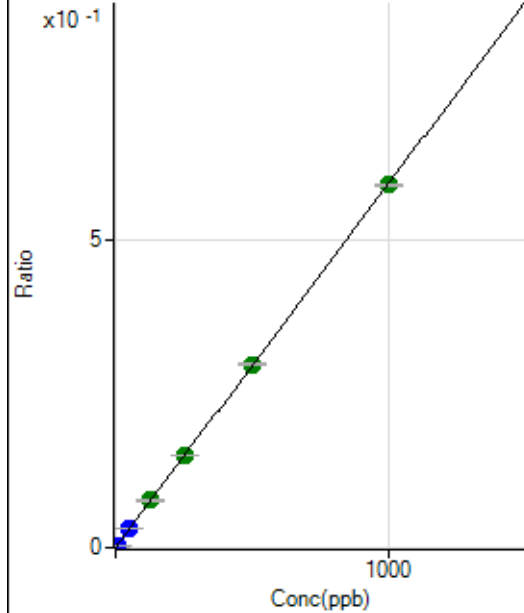
$$R = 0.9999$$

$$DL = 0.06678$$

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	8101.23	0.0002	P	3.6
2	☐	5.000	5.264	108195.70	0.0034	P	2.9
3	☐	50.000	52.011	1039551.88	0.0311	P	1.0
4	☐	125.000	129.759	2552291.49	0.0772	A	1.8
5	☐	250.000	252.713	5100212.74	0.1501	A	1.1
6	☐	500.000	503.714	10115680.61	0.2989	A	0.8
7	☐	1000.000	996.768	20753439.41	0.5912	A	0.7
8	☐			10174.79	0.0003	P	2.5

$$y = 5.9283E-004 * x + 2.4861E-004$$

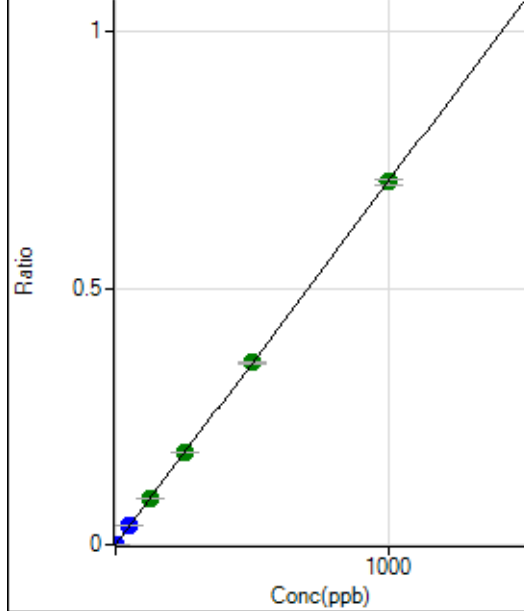
$$R = 1.0000$$

$$DL = 0.04468$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	114.45	0.0000	P	25.
2	☐	2.000	2.115	48186.01	0.0015	P	2.1
3	☐	50.000	51.522	1220022.24	0.0365	P	0.8
4	☐	125.000	128.969	3019945.61	0.0913	A	0.7
5	☐	250.000	253.224	6092838.94	0.1793	A	1.0
6	☐	500.000	500.754	11999237.32	0.3545	A	0.6
7	☐	1000.000	998.245	24808272.68	0.7067	A	1.4
8	☐			11984.01	0.0004	P	10.

$$y = 7.0794E-004 * x + 3.5061E-006$$

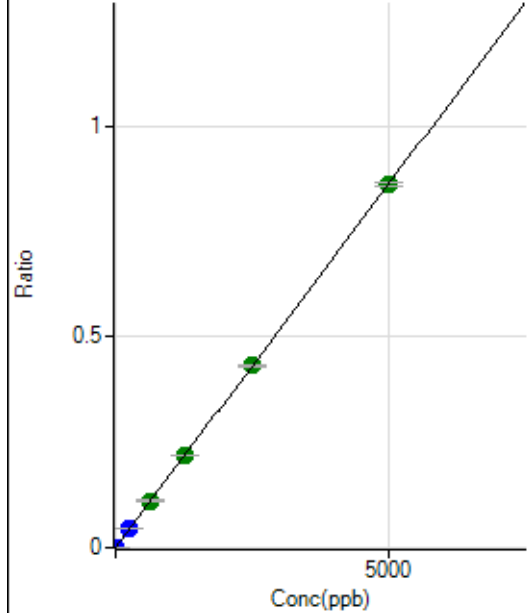
$$R = 1.0000$$

$$DL = 0.003829$$

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	316.67	0.0000	P	5.8
2	☐	10.000	10.287	57236.71	0.0018	P	3.2
3	☐	250.000	254.889	1469375.34	0.0439	P	0.7
4	☐	625.000	647.582	3691092.52	0.1116	A	1.0
5	☐	1250.000	1266.721	7419428.01	0.2183	A	0.6
6	☐	2500.000	2504.077	14606572.28	0.4315	A	0.5
7	☐	5000.000	4990.714	30191203.72	0.8600	A	1.1
8	☐			11748.26	0.0004	P	3.1

$$y = 1.7232E-004 * x + 9.7196E-006$$

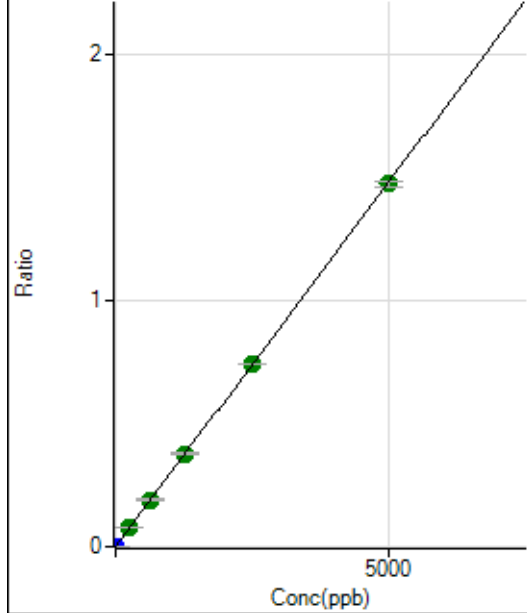
$$R = 1.0000$$

$$DL = 0.009854$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	563.35	0.0000	P	10.
2	☐	10.000	10.432	99638.29	0.0031	P	3.4
3	☐	250.000	266.299	2634996.05	0.0788	A	0.6
4	☐	625.000	644.569	6306066.71	0.1907	A	1.0
5	☐	1250.000	1271.907	12786630.50	0.3762	A	1.8
6	☐	2500.000	2519.177	25222012.68	0.7451	A	0.2
7	☐	5000.000	4981.673	51726688.67	1.4735	A	1.3
8	☐			20993.35	0.0006	P	3.2

$$y = 2.9578E-004 * x + 1.7279E-005$$

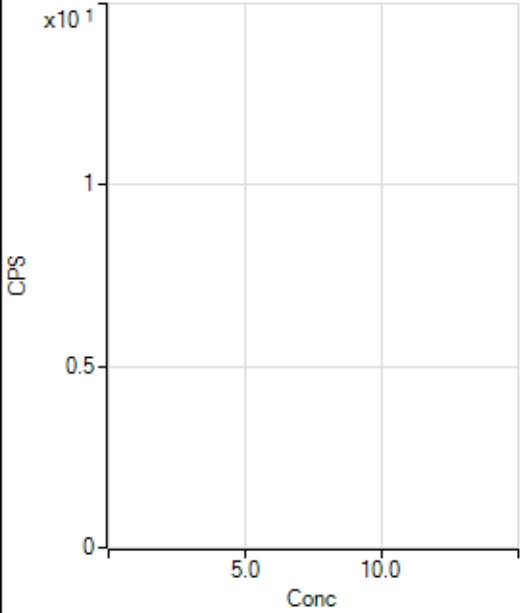
$$R = 1.0000$$

$$DL = 0.01779$$

Weight: <None>

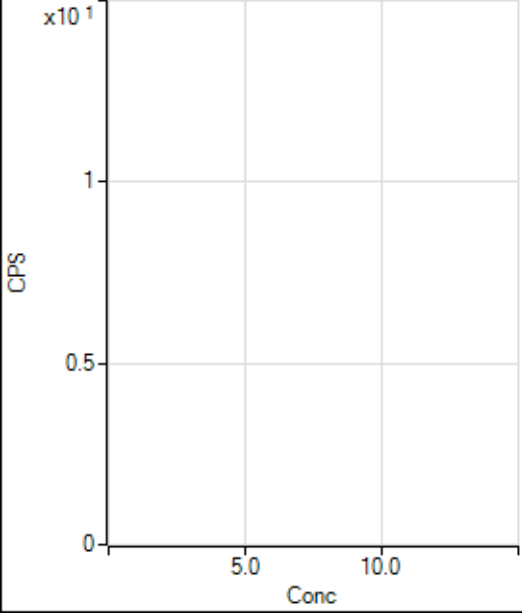
Min Conc: 0

150 Nd [No Gas] No available calibration points



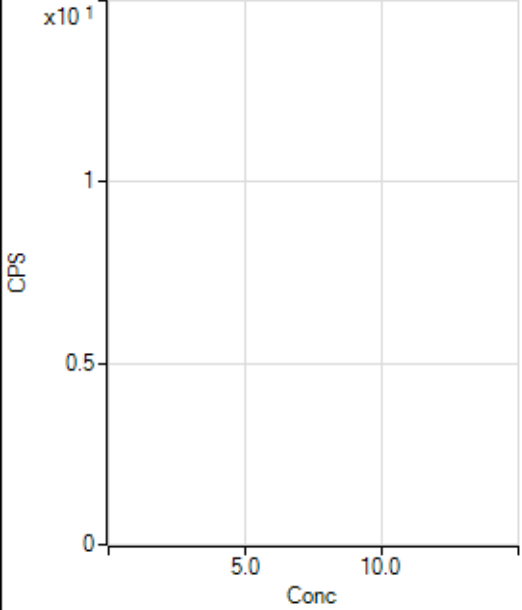
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			28.89		P	17.
2	☐			15.56		P	65.
3	☐			95.56		P	15.
4	☐			172.23		P	11.
5	☐			318.89		P	11.
6	☐			662.25		P	11.
7	☐			1340.08		P	10.
8	☐			532.24		P	6.4

150 Nd [He] No available calibration points



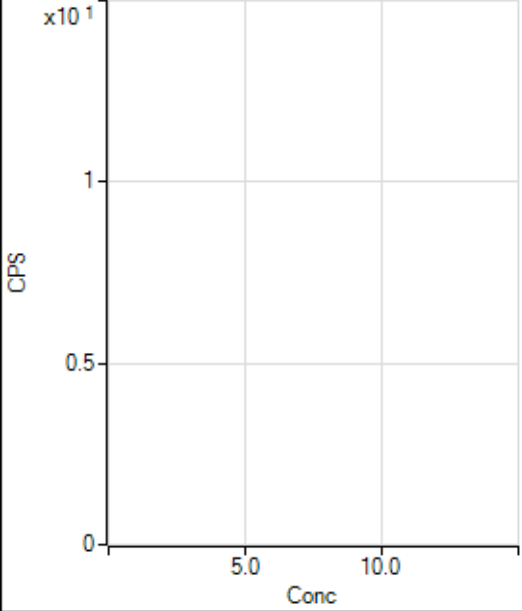
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.33		P	75.
2	☐			13.33		P	66.
3	☐			36.67		P	24.
4	☐			48.89		P	57.
5	☐			84.44		P	22.
6	☐			152.23		P	10.
7	☐			313.34		P	12.
8	☐			285.56		P	8.8

156 Dy [No Gas] No available calibration points

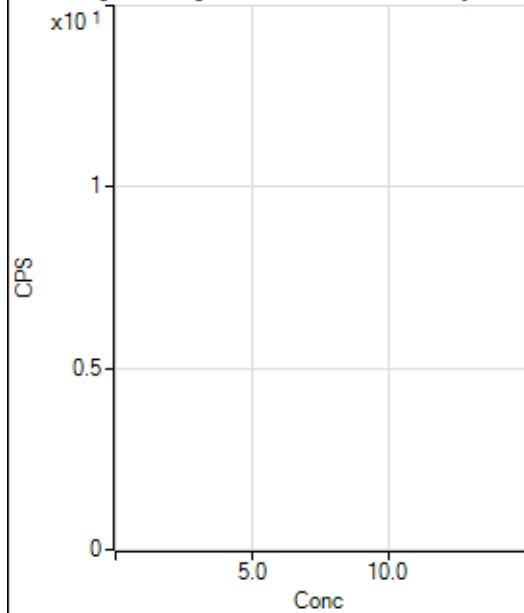


	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			80.00		P	20.
2	☐			83.33		P	24.
3	☐			72.22		P	31.
4	☐			137.78		P	13.
5	☐			185.56		P	17.
6	☐			341.12		P	6.4
7	☐			521.13		P	7.6
8	☐			923.37		P	2.5

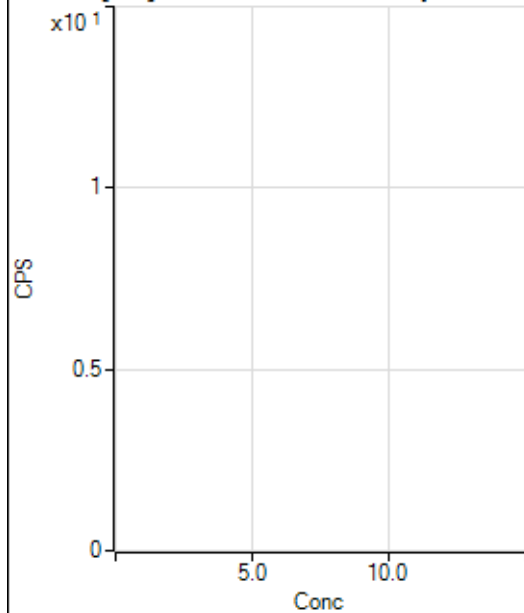
156 Dy [He] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			20.00		P	16.
2	☐			24.44		P	63.
3	☐			97.78		P	27.
4	☐			166.67		P	13.
5	☐			326.68		P	11.
6	☐			660.02		P	4.6
7	☐			1346.75		P	2.6
8	☐			731.14		P	2.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			152.23		P	11.
2	☐			158.89		P	4.8
3	☐			146.67		P	12.
4	☐			181.11		P	15.
5	☐			216.67		P	3.1
6	☐			278.90		P	3.7
7	☐			353.34		P	9.8
8	☐			953.38		P	10.

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1186.73		P	8.7
2	☐			1250.07		P	5.5
3	☐			1297.85		P	10.
4	☐			1236.74		P	7.8
5	☐			1298.96		P	8.1
6	☐			1247.85		P	8.7
7	☐			1378.97		P	1.0
8	☐			1731.24		P	3.6

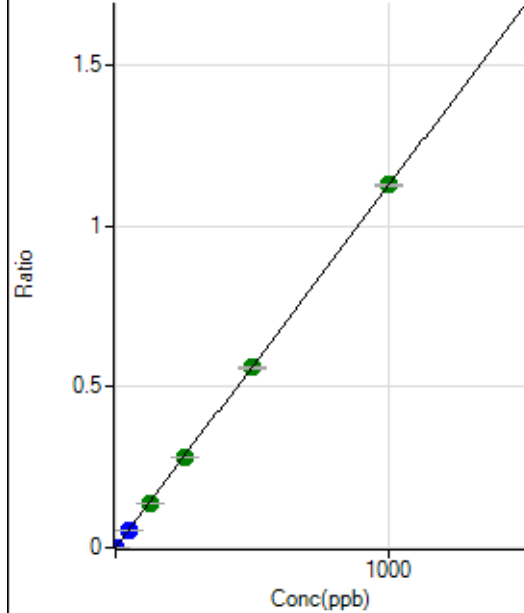
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			124.45		P	9.4
2	☐			121.12		P	3.2
3	☐			156.67		P	11.
4	☐			172.23		P	3.0
5	☐			202.23		P	25.
6	☐			292.23		P	11.
7	☐			432.23		P	2.9
8	☐			1112.28		P	7.7

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			97.78		P	27.
2	☐			84.44		P	20.
3	☐			104.45		P	40.
4	☐			96.67		P	17.
5	☐			134.45		P	12.
6	☐			193.34		P	17.
7	☐			312.23		P	6.9
8	☐			735.59		P	5.2

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	261.12	0.0000	P	12.
2	☐	1.000	0.982	20314.13	0.0011	P	1.6
3	☐	50.000	49.223	1048735.55	0.0555	P	0.9
4	☐	125.000	122.904	2612280.83	0.1384	A	0.7
5	☐	250.000	248.190	5365399.88	0.2795	A	0.9
6	☐	500.000	497.641	10664048.10	0.5605	A	1.5
7	☐	1000.000	1001.933	21996341.06	1.1284	A	0.5
8	☐			1799.04	0.0001	P	28.

$$y = 0.0011 * x + 1.4301E-005$$

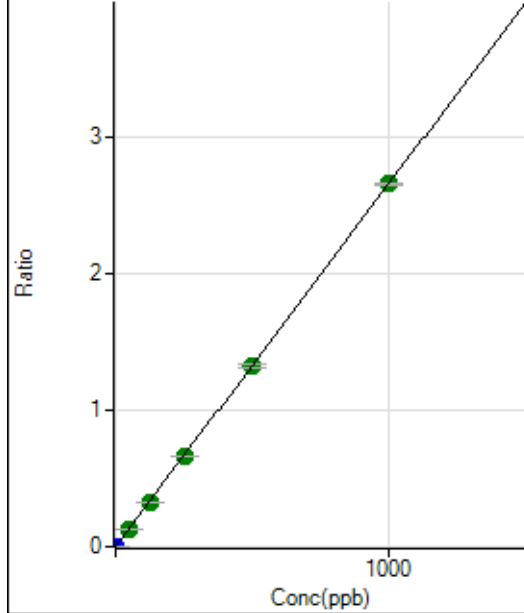
$$R = 1.0000$$

$$DL = 0.004856$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	575.57	0.0000	P	6.1
2	☐	1.000	0.996	48596.50	0.0027	P	2.4
3	☐	50.000	49.960	2511886.82	0.1328	A	0.6
4	☐	125.000	123.517	6195059.21	0.3283	A	0.5
5	☐	250.000	249.390	12721745.23	0.6628	A	1.6
6	☐	500.000	499.315	25250075.74	1.3271	A	1.7
7	☐	1000.000	1000.683	51842592.56	2.6596	A	0.6
8	☐			4272.97	0.0003	P	22.

$$y = 0.0027 * x + 3.1522E-005$$

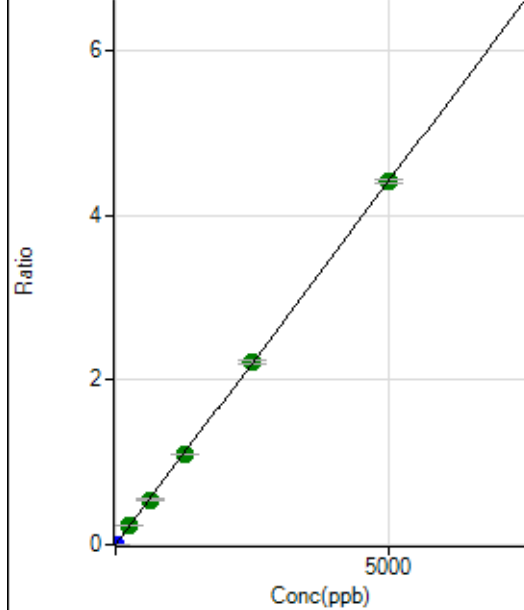
$$R = 1.0000$$

$$DL = 0.002168$$

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	2504.71	0.0001	P	4.4
2	☐	1.000	0.993	18385.85	0.0010	P	1.4
3	☐	250.000	253.752	4238607.75	0.2241	A	1.5
4	☐	625.000	620.016	10329331.93	0.5474	A	1.0
5	☐	1250.000	1248.843	21160605.38	1.1025	A	1.3
6	☐	2500.000	2514.075	42226739.37	2.2193	A	1.7
7	☐	5000.000	4993.687	85925206.50	4.4081	A	1.0
8	☐			12271.22	0.0007	P	9.3

$$y = 8.8270E-004 * x + 1.3721E-004$$

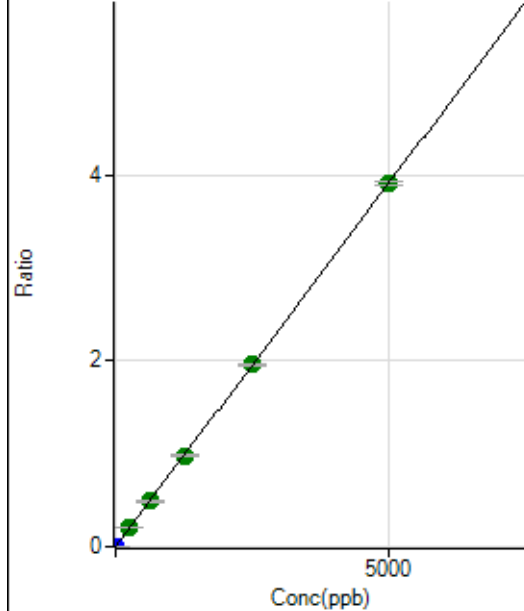
$$R = 1.0000$$

$$DL = 0.02033$$

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	2115.74	0.0001	P	5.8
2	☐	1.000	0.999	16275.40	0.0009	P	1.6
3	☐	250.000	254.755	3772494.98	0.1995	A	2.1
4	☐	625.000	622.613	9195325.42	0.4873	A	1.4
5	☐	1250.000	1250.443	18783014.58	0.9787	A	1.6
6	☐	2500.000	2507.101	37333340.56	1.9621	A	0.6
7	☐	5000.000	4996.399	76216572.75	3.9101	A	1.1
8	☐			10850.01	0.0006	P	8.7

$$y = 7.8255E-004 * x + 1.1587E-004$$

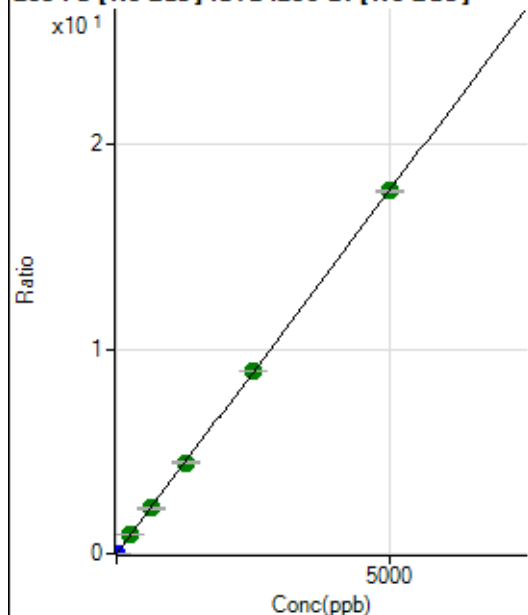
$$R = 1.0000$$

$$DL = 0.0258$$

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	9865.95	0.0005	P	2.4
2	☐	1.000	0.991	73668.27	0.0041	P	1.6
3	☐	250.000	253.769	17071448.77	0.9027	A	1.1
4	☐	625.000	624.744	41915624.79	2.2214	A	1.1
5	☐	1250.000	1254.447	85598338.16	4.4599	A	1.6
6	☐	2500.000	2511.464	169886813.02	8.9285	A	0.8
7	☐	5000.000	4993.000	345995823.17	17.7500	A	0.6
8	☐			49179.78	0.0029	P	9.0

$$y = 0.0036 * x + 5.4049E-004$$

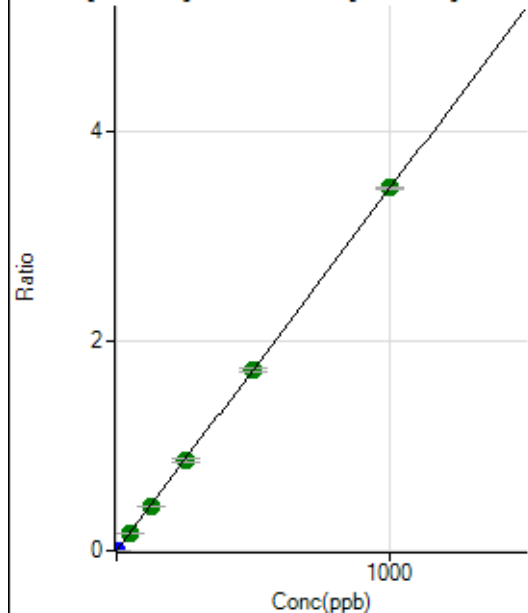
$$R = 1.0000$$

$$DL = 0.01076$$

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	45.55	0.0000	P	14.
2	☐	1.000	0.940	58830.33	0.0032	P	2.3
3	☐	50.000	48.942	3190832.17	0.1687	A	2.1
4	☐	125.000	121.118	7877811.27	0.4175	A	1.1
5	☐	250.000	248.186	16416731.42	0.8555	A	3.4
6	☐	500.000	497.560	32632314.51	1.7151	A	2.4
7	☐	1000.000	1002.212	67342707.89	3.4547	A	0.5
8	☐			4775.39	0.0003	P	23.

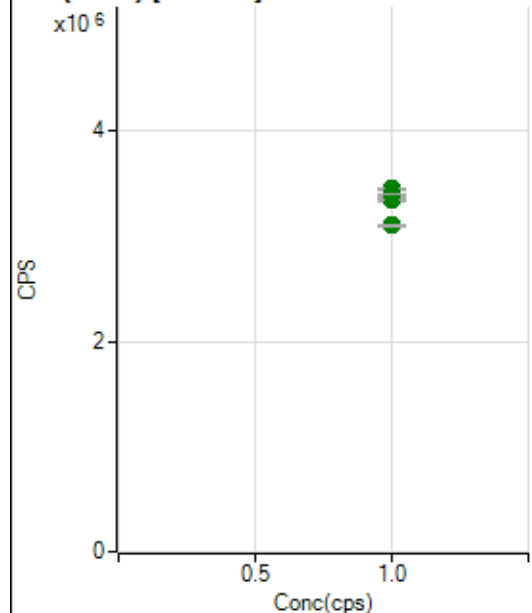
$$y = 0.0034 * x + 2.4930E-006$$

$$R = 1.0000$$

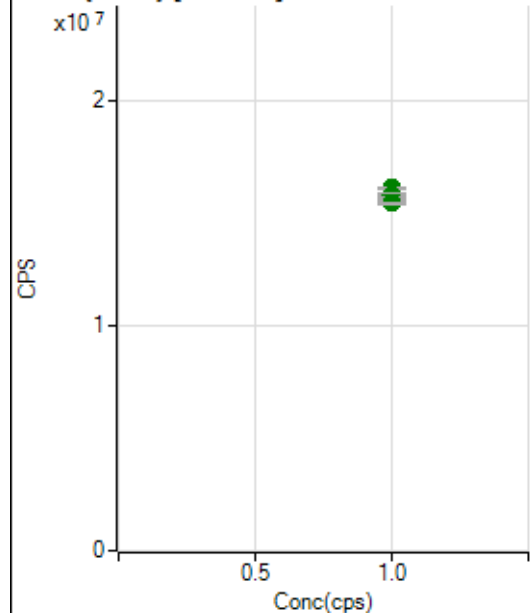
$$DL = 0.0003028$$

Weight: <None>

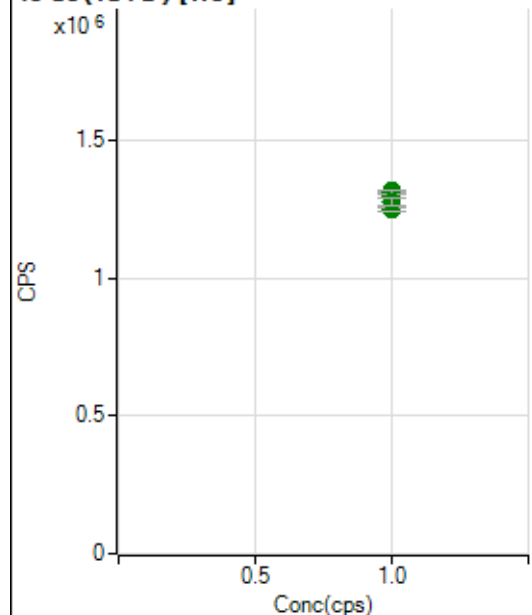
Min Conc: 0

6 Li (ISTD) [No Gas]

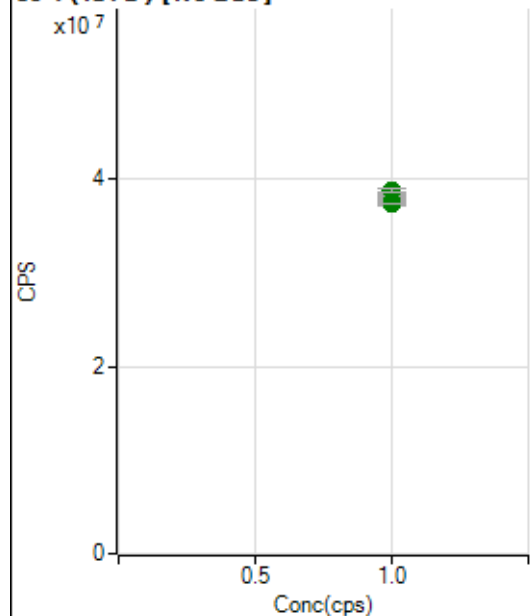
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		3356230.92		A	1.4
2	☐	1.000		3353139.40		A	1.9
3	☐	1.000		3432029.76		A	1.8
4	☐	1.000		3357930.00		A	1.3
5	☐	1.000		3448118.83		A	0.5
6	☐	1.000		3348251.32		A	0.3
7	☐	1.000		3399624.38		A	0.5
8	☐	1.000		3098615.12		A	0.4

45 Sc (ISTD) [No Gas]

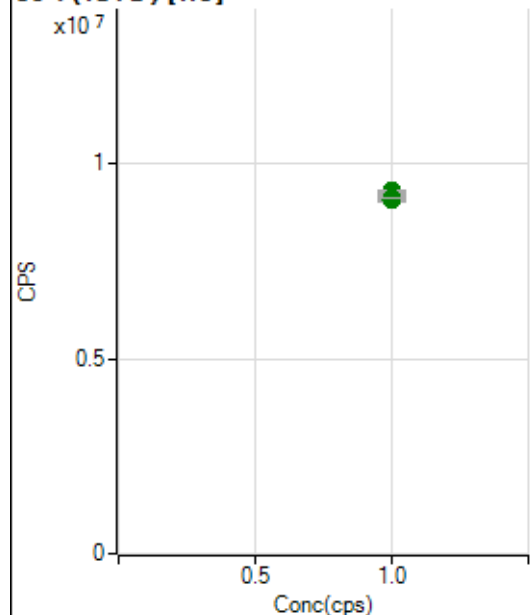
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		16065681.98		A	1.6
2	☐	1.000		15800088.93		A	0.7
3	☐	1.000		16131986.84		A	0.4
4	☐	1.000		15620471.30		A	0.7
5	☐	1.000		15750348.24		A	1.0
6	☐	1.000		15471175.46		A	0.7
7	☐	1.000		15815719.07		A	0.8
8	☐	1.000		15444002.27		A	0.9

45 Sc (ISTD) [He]

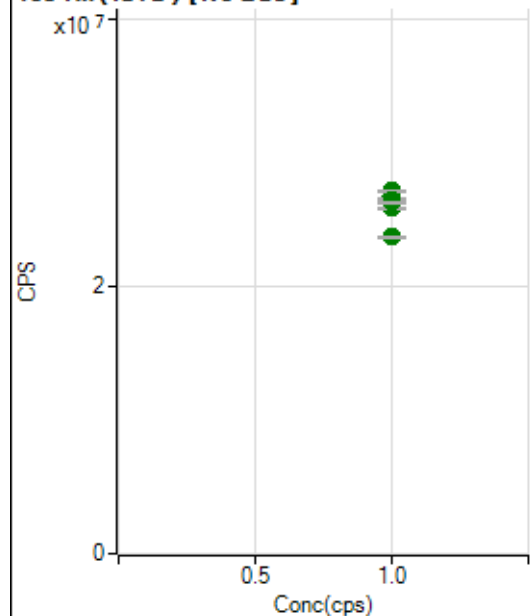
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1317102.94		A	0.8
2	☐	1.000		1297538.26		A	1.1
3	☐	1.000		1292977.34		A	0.2
4	☐	1.000		1263134.73		A	0.5
5	☐	1.000		1250863.16		A	1.0
6	☐	1.000		1249106.73		A	0.8
7	☐	1.000		1313905.75		A	0.8
8	☐	1.000		1275139.93		A	2.1

89 Y (ISTD) [No Gas]

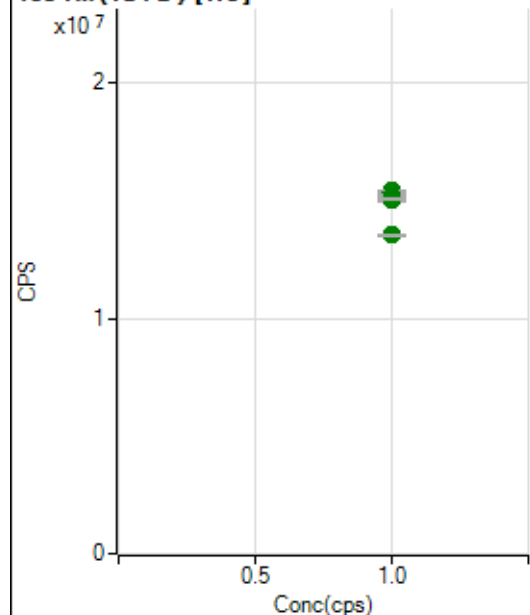
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		37692033.88		A	0.9
2	☐	1.000		37369276.11		A	0.7
3	☐	1.000		38524209.15		A	0.5
4	☐	1.000		37411003.61		A	0.0
5	☐	1.000		37977584.43		A	0.5
6	☐	1.000		37610325.00		A	0.5
7	☐	1.000		38719700.26		A	0.9
8	☐	1.000		37356195.28		A	0.2

89 Y (ISTD) [He]

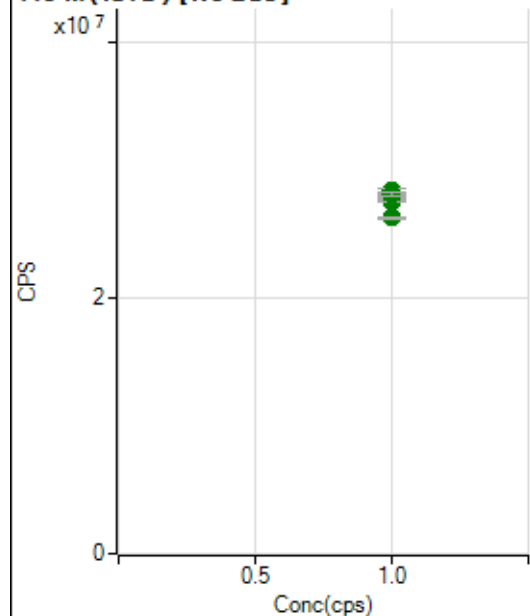
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		9133141.04		A	0.6
2	☐	1.000		9079800.91		A	0.8
3	☐	1.000		9182128.48		A	0.5
4	☐	1.000		9092798.89		A	0.4
5	☐	1.000		9196539.52		A	0.4
6	☐	1.000		9072562.78		A	1.0
7	☐	1.000		9298856.25		A	0.4
8	☐	1.000		9113969.93		A	0.4

103 Rh (ISTD) [No Gas]

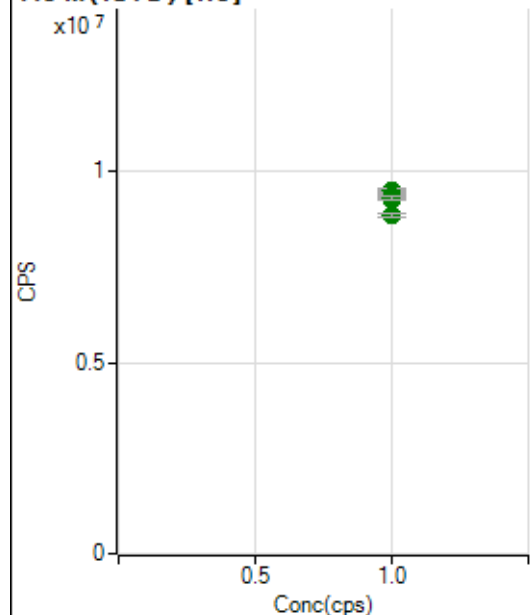
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		26831474.60		A	2.0
2	☐	1.000		26410067.11		A	0.6
3	☐	1.000		27149916.26		A	0.7
4	☐	1.000		26330623.49		A	0.5
5	☐	1.000		26507202.11		A	0.2
6	☐	1.000		25832257.11		A	0.7
7	☐	1.000		26290708.50		A	0.4
8	☐	1.000		23719342.42		A	0.7

103 Rh (ISTD) [He]

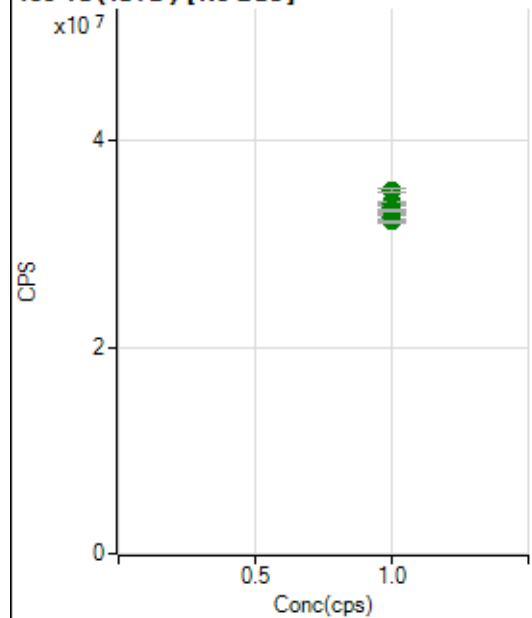
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		15421130.74		A	0.5
2	☐	1.000		15346195.88		A	0.9
3	☐	1.000		15361834.49		A	1.2
4	☐	1.000		15194478.80		A	1.2
5	☐	1.000		15207023.11		A	0.2
6	☐	1.000		15014934.78		A	0.5
7	☐	1.000		15044509.91		A	0.5
8	☐	1.000		13555822.44		A	0.7

115 In (ISTD) [No Gas]

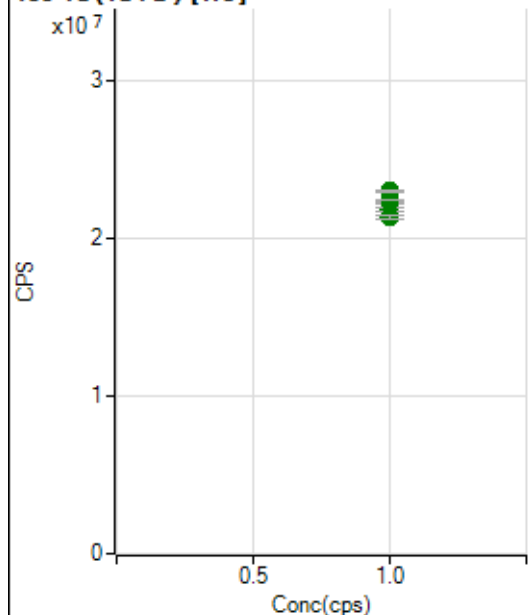
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		28044417.19		A	1.0
2	☐	1.000		27520502.12		A	0.5
3	☐	1.000		28358945.37		A	1.1
4	☐	1.000		27900896.77		A	0.5
5	☐	1.000		27946190.24		A	1.0
6	☐	1.000		27528629.50		A	0.2
7	☐	1.000		28140779.25		A	0.8
8	☐	1.000		26246994.64		A	0.7

115 In (ISTD) [He]

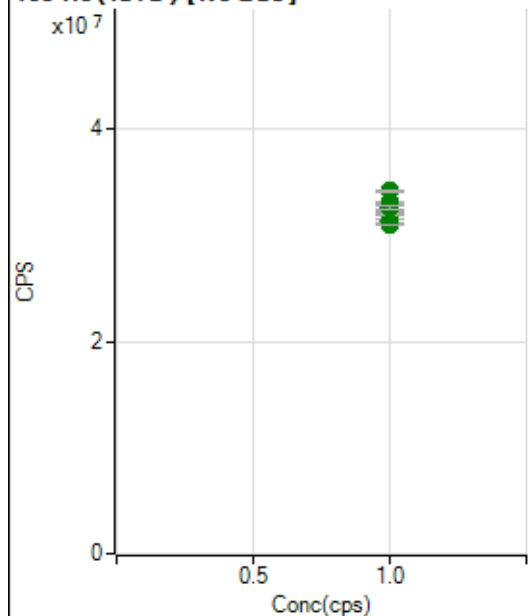
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		9417086.75		A	1.5
2	☐	1.000		9395030.46		A	1.4
3	☐	1.000		9490613.56		A	1.2
4	☐	1.000		9334386.58		A	1.0
5	☐	1.000		9376466.68		A	1.0
6	☐	1.000		9274734.42		A	0.8
7	☐	1.000		9298485.53		A	0.8
8	☐	1.000		8835321.68		A	1.1

159 Tb (ISTD) [No Gas]

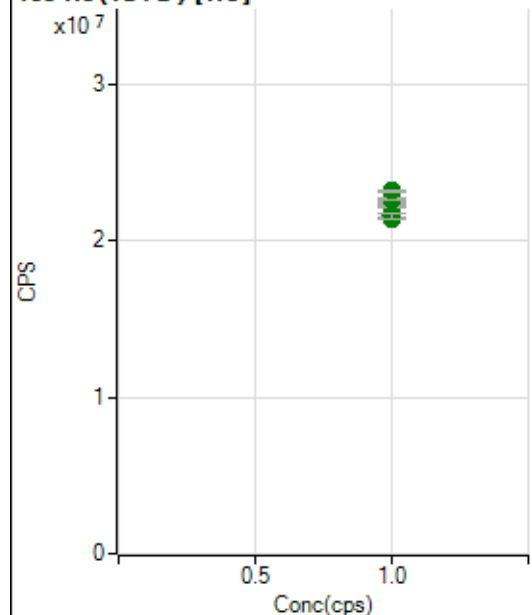
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		32585066.18		A	1.0
2	☐	1.000		32114516.47		A	0.8
3	☐	1.000		33447185.89		A	1.0
4	☐	1.000		33075622.28		A	1.1
5	☐	1.000		33988647.27		A	0.8
6	☐	1.000		33848810.05		A	0.9
7	☐	1.000		35107757.53		A	1.2
8	☐	1.000		33292240.06		A	0.6

159 Tb (ISTD) [He]

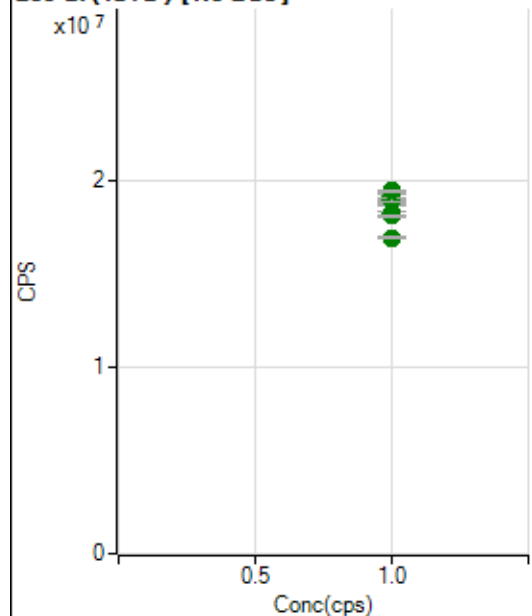
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		21814354.68		A	0.6
2	☐	1.000		21453517.46		A	0.4
3	☐	1.000		22254844.39		A	0.6
4	☐	1.000		21786333.01		A	1.2
5	☐	1.000		22306524.67		A	0.5
6	☐	1.000		22420419.66		A	0.5
7	☐	1.000		22992054.10		A	0.5
8	☐	1.000		21309992.04		A	0.8

165 Ho (ISTD) [No Gas]

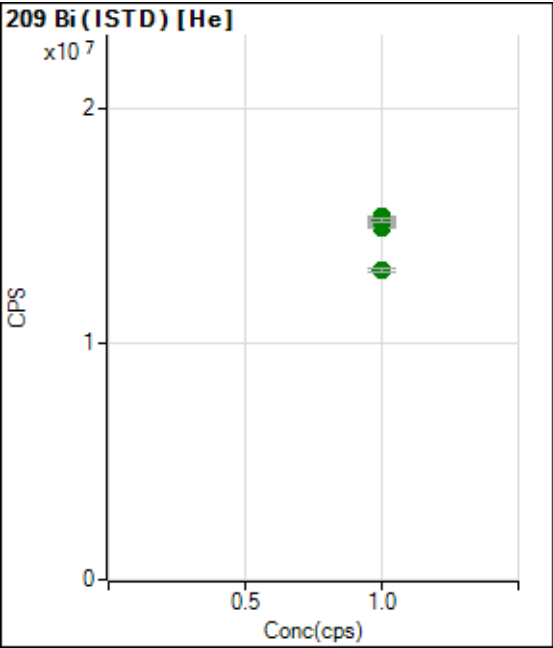
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		31320960.92		A	1.0
2	☐	1.000		30965143.15		A	0.3
3	☐	1.000		32354903.96		A	0.5
4	☐	1.000		31972392.30		A	0.7
5	☐	1.000		33070669.23		A	0.6
6	☐	1.000		32908805.34		A	0.6
7	☐	1.000		34179271.16		A	0.4
8	☐	1.000		32572794.24		A	1.3

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		21753913.84		A	0.2
2	☐	1.000		21445042.32		A	1.0
3	☐	1.000		22267992.17		A	0.8
4	☐	1.000		22172346.34		A	0.7
5	☐	1.000		22561676.33		A	0.2
6	☐	1.000		22689201.61		A	0.7
7	☐	1.000		23196652.16		A	0.3
8	☐	1.000		21619951.76		A	1.9

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		18251645.14		A	1.4
2	☐	1.000		18136166.26		A	0.5
3	☐	1.000		18913050.41		A	0.7
4	☐	1.000		18870885.27		A	1.8
5	☐	1.000		19195649.44		A	1.5
6	☐	1.000		19028286.39		A	0.8
7	☐	1.000		19493073.88		A	0.6
8	☐	1.000		16956701.55		A	0.6



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		15064668.80		A	0.6
2	☐	1.000		14976391.44		A	0.9
3	☐	1.000		15400380.46		A	0.7
4	☐	1.000		15152148.66		A	0.5
5	☐	1.000		15348593.10		A	0.2
6	☐	1.000		15255029.22		A	0.1
7	☐	1.000		15286184.91		A	0.9
8	☐	1.000		13147307.86		A	1.1

US EPA Tune Check Report

Reviewed By:Mohan
On:11/21/2024 4:25:15
AM
Inst Id :P7
ClientSampleId
:TUNE002

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\IP7112024 MS.b
Acq. Date-Time 2024-11-20 08:18:59
Report Comment ---
Instrument Name G8403A JP14410463

[No Gas]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
9		36123	361228.30			0.594	5.000
24		220392	2203924.49			0.729	5.000
25		25730	257295.33			0.837	5.000
26		29237	292368.26			0.836	5.000
59		247054	2470543.07			0.512	5.000
113		31092	310917.71			0.376	5.000
115		394087	3940866.44			0.913	5.000
206		75138	751384.37			0.591	5.000
207		65935	659346.42			0.506	5.000
208		162514	1625143.94			0.803	5.000
220		0	3.00			33.333	

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	36067	35836	36046	36281	36384
24	219529	218072	220783	221523	222055
25	25531	25525	25708	25859	26024
26	28969	29114	29154	29346	29602
59	248223	245424	246260	246994	248371
113	30977	30972	31237	31102	31171
115	388402	396506	392784	397238	395504
206	74723	74617	75352	75637	75363
207	65448	65738	66253	66075	66159
208	161348	161831	162155	162520	164718

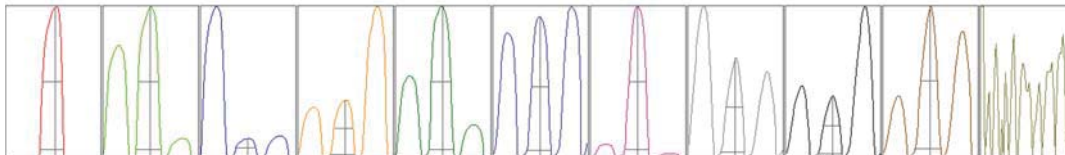
US EPA Tune Check Report

Reviewed By:Mohan
On:11/21/2024 4:25:15
AM
Inst Id :P7
ClientSampleId
:TUNE002

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	62257.14	9.10	8.90 - 9.10	
24	366469.83	24.00	23.90 - 24.10	
25	44443.91	25.00	24.90 - 25.10	
26	50797.44	26.00	25.90 - 26.10	
59	423324.67	59.00	58.90 - 59.10	
113	59792.99	113.00	112.90 - 113.10	
115	753980.58	115.00	114.90 - 115.10	
206	153768.61	206.00	205.90 - 206.10	
207	133317.57	207.00	206.90 - 207.10	
208	324311.75	208.00	207.90 - 208.10	
220			-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.61	0.740	0.900	
24	0.63	0.784	0.900	
25	0.61	0.758	0.900	
26	0.60	0.753	0.900	
59	0.61	0.782	0.900	
113	0.53	0.755	0.900	
115	0.53	0.764	0.900	
206	0.51	0.751	0.900	
207	0.51	0.752	0.900	
208	0.51	0.801	0.900	
220				

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

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

US EPA Tune Check Report

Reviewed By: Mohan
On: 11/21/2024 4:25:15 AM
Inst Id : P7
ClientSampleId
TUNE002

RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.9 L/min
RF Matching	1.80 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	9.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	0.0 V	Omega Lens	7.6 V	Deflect	15.4 V
Extract 2	-135.0 V	Cell Entrance	-30 V	Plate Bias	-35 V
Omega Bias	-65 V	Cell Exit	-50 V		

Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	---	OctP RF	200 V		

QP Parameters

Mass Gain	136	Axis Gain	0.9973	QP Bias	-3.0 V
Mass Offset	130	Axis Offset	0.17		

Hardware Settings

Torch

Torch H	0.0 mm	Torch V	0.5 mm
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EM

Discriminator	4.6 mV	Analog HV	2221 V	Pulse HV	973 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		79503	795033.93			0.654	
89		119161	1191609.85			1.305	
205		85001	850013.95			1.261	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	79898	79923	78644	79602	79451
89	121180	119811	117059	119420	118335
205	86600	84672	84734	85324	83677

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

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

Lens Parameters

Extract 1	0.0 V	Omega Lens	9.3 V	Deflect	3.8 V
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US EPA Tune Check Report

Reviewed By:Mohan
On:11/21/2024 4:25:15
AM
Inst Id :P7
ClientSampleId
TUNE002

Extract 2	-175.0 V	Cell Entrance	-40 V	Plate Bias	-60 V
Omega Bias	-80 V	Cell Exit	-60 V		
Cell Parameters					
Use Gas	Yes	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	3.9 mL/min	OctP Bias	-18.0 V		
H2 Flow	---	OctP RF	200 V		
QP Parameters					
Mass Gain	136	Axis Gain	0.9973	QP Bias	-13.0 V
Mass Offset	130	Axis Offset	0.17		
Hardware Settings					
Torch					
Torch H	0.0 mm	Torch V	0.5 mm		
EM					
Discriminator	4.6 mV	Analog HV	2221 V	Pulse HV	973 V

LB Number :

LB133538

Operator :

Jaswal

Lab Sample ID :

S00

Instrumnet Name :

P7

Client Sample ID :

S0

Dilution Factor :

1

Date & Time Acquired :

2024-11-20 09:21:55

DataFile Name :

004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.07	0.10	-0.16	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.01	0.00	-0.01	0.00	N/A	ppb
Barium	135-1	0.00	0.00	0.00	0.00	N/A	ppb
Barium	137-1	0.00	-0.01	0.01	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
Bromine	81-2						cps
Cadmium	108-1	0.04	-0.01	-0.03	0.00	N/A	ppb
Cadmium	106-1	-0.38	0.14	0.23	0.00	N/A	ppb
Cadmium	111-1	-0.03	0.01	0.02	0.00	N/A	ppb
Calcium	43-1	1.02	2.86	-3.88	0.00	N/A	ppb
Calcium	44-1	-0.39	1.44	-1.05	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.01	0.00	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.00	0.02	-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	56-2	0.05	-0.08	0.04	0.00	N/A	ppb
Iron	57-2	-0.30	0.51	-0.21	0.00	N/A	ppb
Iron	54-2	-0.01	-0.19	0.21	0.00	N/A	ppb
Krypton	83-1						cps

LB Number :	LB133538	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2024-11-20 09:21:55	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	-0.01	0.00	0.01	0.00	N/A	ppb
Lead	207-1	-0.01	0.00	0.01	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.03	0.01	-0.04	0.00	N/A	ppb
Manganese	55-2	-0.02	0.00	0.02	0.00	N/A	ppb
Molybdenum	94-1	0.00	-0.01	0.01	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	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.00	-0.01	0.00	N/A	ppb
Phosphorus	31-2	-15.51	-9.41	-17.03	-13.98		ppb
Potassium	39-2	-1.40	0.53	0.86	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.25	0.06	-0.31	0.00	N/A	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.08	0.13	-0.21	0.00	N/A	ppb
Silicon	28-1	0.41	-0.03	-0.39	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	-0.61	0.51	0.11	0.00	N/A	ppb
Strontium	86-1	-0.03	0.11	-0.08	0.00	N/A	ppb
Strontium	88-1	-0.02	-0.01	0.02	0.00	N/A	ppb
Sulfur	34-1	18.29	19.62	-79.95	-14.01		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	0.01	0.00	0.00	N/A	ppb
Titanium	47-1	0.01	0.00	0.00	0.00	N/A	ppb

LB Number :LB133538

Operator :Jaswal

Lab Sample ID :S00

Instrumnet Name :P7

Client Sample ID :S0

Dilution Factor :1

Date & Time Acquired :2024-11-20 09:21:55

DataFile Name :004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.06	0.13	-0.07	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 :

LB133538

Operator :

Jaswal

Lab Sample ID :

S02

Instrumnet Name :

P7

Client Sample ID :

S02

Dilution Factor :

1

Date & Time Acquired :

2024-11-20 09:28:28

DataFile Name :

006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.47	19.32	19.55	19.11	2.99	ppb
Antimony	121-1	2.07	2.13	2.15	2.11	2.10	ppb
Arsenic	75-2	1.10	1.04	1.21	1.12	7.87	ppb
Barium	135-1	9.92	10.38	10.56	10.29	3.18	ppb
Barium	137-1	10.03	10.57	10.70	10.43	3.41	ppb
Beryllium	9-1	0.92	0.99	1.04	0.98	5.94	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.10	1.15	1.20	1.15	4.35	ppb
Cadmium	106-1	1.32	1.13	1.03	1.16	12.87	ppb
Cadmium	111-1	1.11	1.13	1.19	1.14	3.38	ppb
Calcium	43-1	521.78	527.50	543.89	531.06	2.16	ppb
Calcium	44-1	510.73	536.86	534.75	527.45	2.75	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.09	2.19	2.11	2.13	2.43	ppb
Cobalt	59-2	1.09	1.14	1.10	1.11	2.36	ppb
Copper	63-2	2.07	2.08	2.07	2.07	0.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				99		%
Indium	115-1				98		%
Indium	115-2				100		%
Iron	56-2	54.75	56.40	55.11	55.42	1.56	ppb
Iron	57-2	55.25	58.63	58.11	57.33	3.17	ppb
Iron	54-2	55.18	57.53	55.65	56.12	2.22	ppb
Krypton	83-1						cps

LB Number :

LB133538

Operator :

Jaswal

Lab Sample ID :

S02

Instrumnet Name :

P7

Client Sample ID :

S02

Dilution Factor :

1

Date & Time Acquired :

2024-11-20 09:28:28

DataFile Name :

006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.98	0.99	1.01	0.99	1.59	ppb
Lead	207-1	0.98	1.00	1.01	1.00	1.83	ppb
Lead	208-1	0.97	1.00	1.01	0.99	1.83	ppb
Lithium	6-1				100		%
Magnesium	24-2	487.83	498.94	491.62	492.80	1.15	ppb
Manganese	55-2	1.02	1.11	1.00	1.04	5.88	ppb
Molybdenum	94-1	5.75	5.88	5.94	5.85	1.68	ppb
Molybdenum	95-1	4.85	4.97	5.01	4.94	1.75	ppb
Molybdenum	96-1	4.91	5.06	5.09	5.02	1.88	ppb
Molybdenum	97-1	4.90	5.06	4.98	4.98	1.65	ppb
Molybdenum	98-1	4.85	4.96	5.03	4.95	1.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.05	1.10	1.05	1.07	2.73	ppb
Phosphorus	31-2	9.21	16.97	15.77	13.98	29.86	ppb
Potassium	39-2	515.11	527.49	514.58	519.06	1.41	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				98		%
Scandium	45-2				99		%
Selenium	82-1	4.86	5.28	4.87	5.01	4.73	ppb
Selenium	77-2	5.87	5.34	5.19	5.46	6.52	ppb
Selenium	78-2	4.93	5.40	6.13	5.49	11.08	ppb
Silicon	28-1	1.41	1.88	1.55	1.61	14.98	ppb
Silver	107-1	1.06	1.08	1.12	1.09	2.95	ppb
Silver	109-1	1.05	1.09	1.11	1.09	2.87	ppb
Sodium	23-2	491.14	504.64	497.57	497.78	1.36	ppb
Strontium	86-1	24.36	25.98	25.62	25.32	3.35	ppb
Strontium	88-1	24.98	26.18	25.41	25.52	2.37	ppb
Sulfur	34-1	38.83	29.69	-26.48	14.01	252.34	ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	0.96	0.99	0.99	0.98	1.62	ppb
Thallium	205-1	0.97	1.00	1.02	1.00	2.38	ppb
Tin	118-1	5.11	5.25	5.44	5.26	3.15	ppb
Titanium	47-1	4.88	5.16	5.00	5.02	2.83	ppb

LB Number :

LB133538

Operator :

Jaswal

Lab Sample ID :

S02

Instrumnet Name :

P7

Client Sample ID :

S02

Dilution Factor :

1

Date & Time Acquired :

2024-11-20 09:28:28

DataFile Name :

006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.92	0.95	0.96	0.94	2.34	ppb
Vanadium	51-2	5.06	5.27	5.17	5.17	2.03	ppb
Yttrium	89-1				99		%
Yttrium	89-2				99		%
Zinc	66-2	4.75	4.99	4.96	4.90	2.71	ppb
Zirconium	90-1	0.96	1.02	1.00	0.99	3.20	ppb
Zirconium	91-1	0.97	0.99	1.01	0.99	2.39	ppb

LB Number :LB133538Operator :Jaswal

Lab Sample ID :S03Instrumnet Name :P7

Client Sample ID :S03Dilution Factor :1

Date & Time Acquired :2024-11-20 09:31:44DataFile Name :007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	986.85	980.72	978.20	981.92	0.45	ppb
Antimony	121-1	51.76	51.03	51.78	51.52	0.83	ppb
Arsenic	75-2	52.16	52.55	52.88	52.53	0.68	ppb
Barium	135-1	255.36	252.83	256.48	254.89	0.73	ppb
Barium	137-1	268.22	264.98	265.70	266.30	0.64	ppb
Beryllium	9-1	49.74	49.35	50.50	49.86	1.17	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	55.07	53.54	55.00	54.54	1.58	ppb
Cadmium	106-1	56.72	53.78	53.91	54.80	3.03	ppb
Cadmium	111-1	54.19	53.34	54.28	53.94	0.96	ppb
Calcium	43-1	5195.15	5227.42	5237.57	5220.05	0.42	ppb
Calcium	44-1	5097.48	5060.91	4998.61	5052.34	0.99	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	51.29	51.34	50.86	51.16	0.52	ppb
Cobalt	59-2	52.43	52.21	52.17	52.27	0.27	ppb
Copper	63-2	552.23	542.18	545.95	546.79	0.93	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	56-2	2690.11	2703.64	2680.62	2691.46	0.43	ppb
Iron	57-2	2727.52	2719.55	2696.26	2714.44	0.60	ppb
Iron	54-2	2733.42	2717.10	2717.53	2722.68	0.34	ppb
Krypton	83-1						cps

LB Number :

LB133538

Operator :

Jaswal

Lab Sample ID :

S03

Instrumnet Name :

P7

Client Sample ID :

S03

Dilution Factor :

1

Date & Time Acquired :

2024-11-20 09:31:44

DataFile Name :

007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	256.39	249.50	255.36	253.75	1.47	ppb
Lead	207-1	253.71	249.95	260.61	254.75	2.12	ppb
Lead	208-1	253.78	250.85	256.68	253.77	1.15	ppb
Lithium	6-1				102		%
Magnesium	24-2	5178.57	5149.04	5173.51	5167.04	0.31	ppb
Manganese	55-2	525.58	523.61	514.81	521.33	1.10	ppb
Molybdenum	94-1	511.92	506.63	507.09	508.55	0.58	ppb
Molybdenum	95-1	517.79	509.86	505.71	511.12	1.20	ppb
Molybdenum	96-1	508.52	512.60	505.49	508.87	0.70	ppb
Molybdenum	97-1	511.65	509.64	505.20	508.83	0.65	ppb
Molybdenum	98-1	506.81	510.34	509.30	508.82	0.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.69	52.70	52.27	52.55	0.46	ppb
Phosphorus	31-2	1068.48	1042.40	1036.14	1049.01	1.64	ppb
Potassium	39-2	2534.99	2551.16	2551.97	2546.04	0.38	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	82-1	51.96	52.38	51.98	52.11	0.45	ppb
Selenium	77-2	55.25	53.11	52.49	53.61	2.70	ppb
Selenium	78-2	56.04	53.90	53.33	54.42	2.62	ppb
Silicon	28-1	47.95	49.23	49.65	48.94	1.81	ppb
Silver	107-1	55.64	54.98	54.91	55.17	0.73	ppb
Silver	109-1	55.70	55.07	55.89	55.55	0.76	ppb
Sodium	23-2	5292.88	5354.52	5347.89	5331.76	0.63	ppb
Strontium	86-1	1265.63	1259.68	1248.11	1257.81	0.71	ppb
Strontium	88-1	1289.95	1296.38	1275.06	1287.13	0.85	ppb
Sulfur	34-1	814.48	791.40	775.90	793.93	2.45	ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	49.10	48.86	49.71	49.22	0.89	ppb
Thallium	205-1	49.72	49.86	50.31	49.96	0.62	ppb
Tin	118-1	52.28	51.42	52.34	52.01	0.99	ppb
Titanium	47-1	510.72	520.19	514.22	515.04	0.93	ppb

LB Number :

LB133538

Operator :

Jaswal

Lab Sample ID :

S03

Instrumnet Name :

P7

Client Sample ID :

S03

Dilution Factor :

1

Date & Time Acquired :

2024-11-20 09:31:44

DataFile Name :

007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	48.12	48.59	50.12	48.94	2.14	ppb
Vanadium	51-2	50.56	49.91	50.39	50.29	0.67	ppb
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	525.56	525.48	520.06	523.70	0.60	ppb
Zirconium	90-1	51.48	50.88	51.31	51.22	0.60	ppb
Zirconium	91-1	49.98	50.30	49.80	50.03	0.51	ppb

LB Number :

LB133538

Operator :

Jaswal

Lab Sample ID :

S04

Instrumnet Name :

P7

Client Sample ID :

S04

Dilution Factor :

1

Date & Time Acquired :

2024-11-20 09:34:40

DataFile Name :

008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2491.90	2510.06	2501.45	2501.14	0.36	ppb
Antimony	121-1	129.42	127.88	129.60	128.97	0.73	ppb
Arsenic	75-2	128.35	127.84	127.44	127.88	0.35	ppb
Barium	135-1	653.36	648.36	641.03	647.58	0.96	ppb
Barium	137-1	652.03	641.05	640.62	644.57	1.00	ppb
Beryllium	9-1	120.97	123.21	124.20	122.79	1.34	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	135.62	130.46	133.94	133.34	1.97	ppb
Cadmium	106-1	134.15	134.18	131.73	133.35	1.05	ppb
Cadmium	111-1	131.25	131.21	130.14	130.86	0.48	ppb
Calcium	43-1	12909.48	12965.34	12827.06	12900.63	0.54	ppb
Calcium	44-1	12644.19	12709.98	12525.31	12626.49	0.74	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	126.87	125.05	127.13	126.35	0.90	ppb
Cobalt	59-2	131.41	131.48	131.11	131.33	0.15	ppb
Copper	63-2	1357.57	1317.73	1321.67	1332.32	1.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				102		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	56-2	6716.26	6546.41	6684.78	6649.15	1.36	ppb
Iron	57-2	6775.86	6657.75	6662.12	6698.58	1.00	ppb
Iron	54-2	6672.69	6476.79	6764.69	6638.06	2.22	ppb
Krypton	83-1						cps

LB Number :

LB133538

Operator :

Jaswal

Lab Sample ID :

S04

Instrumnet Name :

P7

Client Sample ID :

S04

Dilution Factor :

1

Date & Time Acquired :

2024-11-20 09:34:40

DataFile Name :

008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	624.68	612.99	622.38	620.02	1.00	ppb
Lead	207-1	628.47	612.95	626.41	622.61	1.35	ppb
Lead	208-1	629.51	616.98	627.74	624.74	1.09	ppb
Lithium	6-1				100		%
Magnesium	24-2	12664.69	12621.17	12839.99	12708.62	0.91	ppb
Manganese	55-2	1300.71	1270.61	1301.64	1290.98	1.37	ppb
Molybdenum	94-1	1253.39	1274.57	1257.66	1261.88	0.89	ppb
Molybdenum	95-1	1264.60	1278.20	1266.68	1269.82	0.58	ppb
Molybdenum	96-1	1267.91	1266.01	1259.65	1264.52	0.34	ppb
Molybdenum	97-1	1247.61	1257.63	1259.45	1254.89	0.51	ppb
Molybdenum	98-1	1272.24	1264.25	1262.43	1266.31	0.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	128.78	128.16	127.96	128.30	0.33	ppb
Phosphorus	31-2	2571.65	2602.71	2570.98	2581.78	0.70	ppb
Potassium	39-2	6350.17	6212.58	6285.91	6282.89	1.10	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				97		%
Scandium	45-2				96		%
Selenium	82-1	126.79	126.96	126.37	126.71	0.24	ppb
Selenium	77-2	120.78	128.08	121.24	123.37	3.31	ppb
Selenium	78-2	126.75	128.21	129.12	128.03	0.93	ppb
Silicon	28-1	135.65	135.36	132.86	134.62	1.14	ppb
Silver	107-1	134.40	135.14	133.46	134.33	0.63	ppb
Silver	109-1	136.48	136.69	132.82	135.33	1.61	ppb
Sodium	23-2	13183.67	12995.02	13153.08	13110.59	0.77	ppb
Strontium	86-1	3074.76	3118.65	3094.43	3095.95	0.71	ppb
Strontium	88-1	3147.61	3193.00	3189.98	3176.86	0.80	ppb
Sulfur	34-1	2244.47	2263.27	2147.00	2218.25	2.81	ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	122.86	122.10	123.74	122.90	0.67	ppb
Thallium	205-1	124.28	123.28	122.99	123.52	0.55	ppb
Tin	118-1	131.42	130.85	127.01	129.76	1.85	ppb
Titanium	47-1	1259.99	1270.41	1251.32	1260.57	0.76	ppb

3

LB Number :

LB133538

Operator :

Jaswal

Lab Sample ID :

S05

Instrumnet Name :

P7

Client Sample ID :

S05

Dilution Factor :

1

Date & Time Acquired :

2024-11-20 09:37:26

DataFile Name :

009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5015.11	4983.24	4844.36	4947.57	1.84	ppb
Antimony	121-1	250.32	254.49	254.85	253.22	0.99	ppb
Arsenic	75-2	254.27	252.28	250.37	252.30	0.77	ppb
Barium	135-1	1260.34	1275.01	1264.82	1266.72	0.59	ppb
Barium	137-1	1247.47	1294.03	1274.22	1271.91	1.84	ppb
Beryllium	9-1	238.51	239.86	239.75	239.37	0.31	ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	258.91	262.80	262.93	261.55	0.87	ppb
Cadmium	106-1	256.07	261.97	261.48	259.84	1.26	ppb
Cadmium	111-1	258.70	258.03	257.80	258.17	0.18	ppb
Calcium	43-1	24882.84	25167.12	25885.10	25311.69	2.04	ppb
Calcium	44-1	25062.27	25079.01	25258.28	25133.19	0.43	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	261.05	264.33	254.37	259.92	1.95	ppb
Cobalt	59-2	266.73	263.78	257.33	262.61	1.83	ppb
Copper	63-2	2692.71	2654.24	2645.64	2664.20	0.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				104		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	13584.33	13419.32	13220.68	13408.11	1.36	ppb
Iron	57-2	13575.01	13476.62	13012.39	13354.67	2.25	ppb
Iron	54-2	13617.71	13464.68	13058.16	13380.18	2.16	ppb
Krypton	83-1						cps

LB Number :	LB133538	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-11-20 09:37:26	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1232.07	1250.59	1263.87	1248.84	1.28	ppb
Lead	207-1	1229.98	1251.03	1270.33	1250.44	1.61	ppb
Lead	208-1	1235.13	1253.31	1274.90	1254.45	1.59	ppb
Lithium	6-1				103		%
Magnesium	24-2	25498.41	25394.32	25083.22	25325.32	0.85	ppb
Manganese	55-2	2638.58	2624.29	2551.92	2604.93	1.78	ppb
Molybdenum	94-1	2511.56	2516.52	2542.59	2523.56	0.66	ppb
Molybdenum	95-1	2515.61	2532.42	2554.46	2534.16	0.77	ppb
Molybdenum	96-1	2497.18	2535.99	2540.78	2524.65	0.95	ppb
Molybdenum	97-1	2474.39	2548.45	2526.70	2516.51	1.51	ppb
Molybdenum	98-1	2500.63	2534.52	2536.19	2523.78	0.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	258.11	256.78	253.34	256.08	0.96	ppb
Phosphorus	31-2	5201.96	5204.58	5076.70	5161.08	1.42	ppb
Potassium	39-2	12580.52	12653.49	12453.64	12562.55	0.81	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				98		%
Scandium	45-2				95		%
Selenium	82-1	252.23	256.17	256.46	254.95	0.93	ppb
Selenium	77-2	248.51	249.79	258.47	252.26	2.15	ppb
Selenium	78-2	254.57	253.00	257.55	255.04	0.91	ppb
Silicon	28-1	228.75	232.52	237.97	233.08	1.99	ppb
Silver	107-1	258.54	260.98	262.37	260.63	0.74	ppb
Silver	109-1	260.86	264.64	263.95	263.15	0.76	ppb
Sodium	23-2	26639.90	26409.25	25957.03	26335.40	1.32	ppb
Strontium	86-1	6294.69	6337.59	6251.69	6294.66	0.68	ppb
Strontium	88-1	6291.69	6301.65	6339.99	6311.11	0.40	ppb
Sulfur	34-1	4367.11	4321.11	4403.20	4363.80	0.94	ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	247.67	246.20	250.70	248.19	0.92	ppb
Thallium	205-1	245.34	249.60	253.23	249.39	1.58	ppb
Tin	118-1	249.47	255.05	253.62	252.71	1.15	ppb
Titanium	47-1	2506.21	2529.04	2535.02	2523.42	0.60	ppb

LB Number :

LB133538

Operator :

Jaswal

Lab Sample ID :

S05

Instrumnet Name :

P7

Client Sample ID :

S05

Dilution Factor :

1

Date & Time Acquired :

2024-11-20 09:37:26

DataFile Name :

009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	242.10	244.76	257.70	248.19	3.36	ppb
Vanadium	51-2	261.68	260.05	252.77	258.17	1.84	ppb
Yttrium	89-1				101		%
Yttrium	89-2				101		%
Zinc	66-2	2673.71	2630.18	2621.24	2641.71	1.06	ppb
Zirconium	90-1	248.98	249.79	255.67	251.48	1.45	ppb
Zirconium	91-1	253.24	253.56	256.29	254.36	0.66	ppb

LB Number :	LB133538	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P7
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired :	2024-11-20 09:40:14	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9942.10	9694.66	9678.56	9771.78	1.51	ppb
Antimony	121-1	502.27	497.39	502.60	500.75	0.58	ppb
Arsenic	75-2	501.19	508.07	508.10	505.79	0.79	ppb
Barium	135-1	2501.66	2516.53	2494.04	2504.08	0.46	ppb
Barium	137-1	2524.09	2515.35	2518.09	2519.18	0.18	ppb
Beryllium	9-1	502.27	515.80	515.07	511.05	1.49	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	512.59	505.66	505.57	507.94	0.79	ppb
Cadmium	106-1	509.47	501.98	504.38	505.27	0.76	ppb
Cadmium	111-1	517.79	504.02	507.99	509.93	1.39	ppb
Calcium	43-1	49770.12	50646.96	50233.60	50216.90	0.87	ppb
Calcium	44-1	49556.54	50133.32	49721.25	49803.70	0.60	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	518.28	501.42	514.45	511.38	1.73	ppb
Cobalt	59-2	525.20	509.71	509.09	514.67	1.77	ppb
Copper	63-2	5224.69	5139.44	5153.40	5172.51	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				105		%
Holmium	165-2				104		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	56-2	27128.62	26227.22	26037.22	26464.35	2.20	ppb
Iron	57-2	26714.19	25790.29	25912.29	26138.92	1.92	ppb
Iron	54-2	26838.13	25986.93	26194.50	26339.85	1.69	ppb
Krypton	83-1						cps

LB Number :

LB133538

Operator :

Jaswal

Lab Sample ID :

S06

Instrumnet Name :

P7

Client Sample ID :

S06

Dilution Factor :

1

Date & Time Acquired :

2024-11-20 09:40:14

DataFile Name :

010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2467.82	2522.47	2551.94	2514.08	1.70	ppb
Lead	207-1	2491.13	2506.54	2523.63	2507.10	0.65	ppb
Lead	208-1	2492.21	2509.32	2532.86	2511.46	0.81	ppb
Lithium	6-1				100		%
Magnesium	24-2	50098.72	49451.45	49253.18	49601.12	0.89	ppb
Manganese	55-2	5267.25	5132.11	5089.48	5162.95	1.80	ppb
Molybdenum	94-1	4969.63	5023.45	5029.73	5007.61	0.66	ppb
Molybdenum	95-1	4961.17	5007.09	5026.51	4998.26	0.67	ppb
Molybdenum	96-1	4913.36	5035.11	4978.16	4975.54	1.22	ppb
Molybdenum	97-1	4920.62	5021.58	5029.84	4990.68	1.22	ppb
Molybdenum	98-1	4946.77	5059.50	5049.51	5018.59	1.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	524.43	510.83	522.44	519.23	1.41	ppb
Phosphorus	31-2	10396.16	10127.39	10164.24	10229.26	1.42	ppb
Potassium	39-2	24640.88	24612.98	24507.72	24587.19	0.29	ppb
Rhodium	103-1				96		%
Rhodium	103-2				97		%
Scandium	45-1				96		%
Scandium	45-2				95		%
Selenium	82-1	493.04	502.99	503.24	499.76	1.16	ppb
Selenium	77-2	505.78	494.09	490.52	496.80	1.61	ppb
Selenium	78-2	501.01	503.11	505.90	503.34	0.49	ppb
Silicon	28-1	569.32	572.47	564.14	568.64	0.74	ppb
Silver	107-1	515.50	507.41	509.33	510.75	0.83	ppb
Silver	109-1	514.28	504.57	508.17	509.00	0.96	ppb
Sodium	23-2	52120.75	51156.35	51459.22	51578.77	0.96	ppb
Strontium	86-1	12495.16	12658.21	12530.60	12561.32	0.68	ppb
Strontium	88-1	12425.00	12541.26	12544.73	12503.66	0.55	ppb
Sulfur	34-1	10519.86	10691.04	10162.67	10457.85	2.58	ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	491.96	494.78	506.18	497.64	1.51	ppb
Thallium	205-1	489.72	501.84	506.38	499.31	1.73	ppb
Tin	118-1	508.04	500.58	502.52	503.71	0.77	ppb
Titanium	47-1	4988.53	5078.21	5038.94	5035.22	0.89	ppb

LB Number :

LB133538

Operator :

Jaswal

Lab Sample ID :

S06

Instrumnet Name :

P7

Client Sample ID :

S06

Dilution Factor :

1

Date & Time Acquired :

2024-11-20 09:40:14

DataFile Name :

010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	487.30	494.74	510.64	497.56	2.40	ppb
Vanadium	51-2	513.77	501.42	503.81	506.33	1.29	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	5267.85	5172.13	5158.36	5199.44	1.15	ppb
Zirconium	90-1	500.33	505.51	505.60	503.82	0.60	ppb
Zirconium	91-1	497.27	505.30	506.50	503.02	1.00	ppb

LB Number :LB133538Operator :Jaswal

Lab Sample ID :S07Instrumnet Name :P7

Client Sample ID :S07Dilution Factor :1

Date & Time Acquired :2024-11-20 09:42:59DataFile Name :011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18865.98	18789.83	19011.79	18889.20	0.60	ppb
Antimony	121-1	982.87	1002.55	1009.32	998.24	1.38	ppb
Arsenic	75-2	1006.96	991.21	989.96	996.04	0.95	ppb
Barium	135-1	4925.83	5012.39	5033.93	4990.71	1.15	ppb
Barium	137-1	4912.94	4989.32	5042.76	4981.67	1.31	ppb
Beryllium	9-1	990.71	993.06	1008.47	997.41	0.97	ppb
Bismuth	209-1				107		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	977.40	988.05	1010.17	991.87	1.69	ppb
Cadmium	106-1	977.34	994.24	1009.27	993.62	1.61	ppb
Cadmium	111-1	987.89	988.77	999.52	992.06	0.65	ppb
Calcium	43-1	100053.77	100431.86	100820.21	100435.28	0.38	ppb
Calcium	44-1	98460.81	100061.23	100702.02	99741.36	1.16	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	983.35	986.01	1005.45	991.60	1.22	ppb
Cobalt	59-2	977.08	1004.47	984.27	988.61	1.44	ppb
Copper	63-2	9820.91	9843.85	9915.44	9860.06	0.50	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				109		%
Holmium	165-2				107		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	50044.47	50573.36	50773.09	50463.64	0.75	ppb
Iron	57-2	50239.01	50654.13	50335.91	50409.69	0.43	ppb
Iron	54-2	50310.70	50322.19	50829.24	50487.38	0.59	ppb
Krypton	83-1						cps

LB Number :LB133538Operator :Jaswal

Lab Sample ID :S07Instrumnet Name :P7

Client Sample ID :S07Dilution Factor :1

Date & Time Acquired :2024-11-20 09:42:59DataFile Name :011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4990.79	5046.17	4944.10	4993.69	1.02	ppb
Lead	207-1	5014.10	5039.00	4936.10	4996.40	1.07	ppb
Lead	208-1	5007.61	5010.21	4961.18	4993.00	0.55	ppb
Lithium	6-1				101		%
Magnesium	24-2	97634.65	97191.27	97059.67	97295.20	0.31	ppb
Manganese	55-2	9811.48	9891.81	9955.02	9886.10	0.73	ppb
Molybdenum	94-1	9860.74	10000.56	10103.88	9988.39	1.22	ppb
Molybdenum	95-1	9872.14	9987.33	10108.42	9989.30	1.18	ppb
Molybdenum	96-1	9890.88	10018.70	10101.85	10003.81	1.06	ppb
Molybdenum	97-1	9860.71	10011.32	10126.41	9999.48	1.33	ppb
Molybdenum	98-1	9891.63	10006.65	10048.55	9982.28	0.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	980.51	997.34	987.13	988.32	0.86	ppb
Phosphorus	31-2	19642.61	19770.14	20084.53	19832.42	1.15	ppb
Potassium	39-2	47256.31	47583.16	48271.89	47703.79	1.09	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				98		%
Scandium	45-2				100		%
Selenium	82-1	986.62	1002.95	1006.11	998.56	1.05	ppb
Selenium	77-2	1018.15	1002.36	982.66	1001.06	1.78	ppb
Selenium	78-2	998.35	982.68	1008.38	996.47	1.30	ppb
Silicon	28-1	966.32	969.53	970.67	968.84	0.23	ppb
Silver	107-1	984.52	995.06	992.06	990.54	0.55	ppb
Silver	109-1	976.92	991.43	1003.58	990.64	1.35	ppb
Sodium	23-2	99273.45	98589.56	100338.23	99400.41	0.89	ppb
Strontium	86-1	24785.60	25094.48	25004.16	24961.41	0.64	ppb
Strontium	88-1	24911.45	24855.74	25156.46	24974.55	0.64	ppb
Sulfur	34-1	19906.69	19872.19	20148.06	19975.64	0.75	ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	1006.34	996.98	1002.48	1001.93	0.47	ppb
Thallium	205-1	998.72	1007.91	995.42	1000.68	0.65	ppb
Tin	118-1	988.69	1000.54	1001.07	996.77	0.70	ppb
Titanium	47-1	9844.97	9963.25	10115.15	9974.46	1.36	ppb

LB Number :

LB133538

Operator :

Jaswal

Lab Sample ID :

S07

Instrumnet Name :

P7

Client Sample ID :

S07

Dilution Factor :

1

Date & Time Acquired :

2024-11-20 09:42:59

DataFile Name :

011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1001.73	1007.86	997.05	1002.21	0.54	ppb
Vanadium	51-2	981.13	998.24	1005.25	994.88	1.25	ppb
Yttrium	89-1				103		%
Yttrium	89-2				102		%
Zinc	66-2	9734.16	9852.92	9981.07	9856.05	1.25	ppb
Zirconium	90-1	988.58	997.70	1006.36	997.55	0.89	ppb
Zirconium	91-1	981.87	999.18	1011.60	997.55	1.50	ppb

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

LB133538
S08
S08
2024-11-20 09:45:46

Operator :
Instrumnet Name :
Dilution Factor :
DataFile Name :

Jaswal
P7
1
012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	102551.09	99749.79	98442.39	100247.76	2.09	ppb
Antimony	121-1	0.46	0.49	0.57	0.50	10.85	ppb
Arsenic	75-2	0.53	0.59	0.58	0.57	6.10	ppb
Barium	135-1	2.06	1.99	1.93	1.99	3.20	ppb
Barium	137-1	2.15	2.06	2.02	2.07	3.29	ppb
Beryllium	9-1	0.18	0.12	0.09	0.13	33.59	ppb
Bismuth	209-1				93		%
Bismuth	209-2				87		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.55	0.40	0.61	0.52	21.34	ppb
Cadmium	106-1	-0.12	-0.17	-0.32	-0.20		ppb
Cadmium	111-1	0.19	0.17	0.15	0.17	10.34	ppb
Calcium	43-1	503310.64	492251.80	504027.83	499863.42	1.32	ppb
Calcium	44-1	503307.41	495021.33	501854.21	500060.99	0.88	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.20	1.19	1.12	1.17	3.93	ppb
Cobalt	59-2	2.54	2.52	2.54	2.53	0.48	ppb
Copper	63-2	1.74	1.69	1.58	1.67	5.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				99		%
Indium	115-1				94		%
Indium	115-2				94		%
Iron	56-2	254865.58	245048.05	249196.98	249703.54	1.97	ppb
Iron	57-2	254976.06	251323.27	242944.90	249748.08	2.47	ppb
Iron	54-2	252648.13	246620.23	249869.45	249712.60	1.21	ppb
Krypton	83-1						cps

LB Number :

LB133538

Operator :

Jaswal

Lab Sample ID :

S08

Instrumnet Name :

P7

Client Sample ID :

S08

Dilution Factor :

1

Date & Time Acquired :

2024-11-20 09:45:46

DataFile Name :

012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.74	0.66	0.59	0.66	11.45	ppb
Lead	207-1	0.74	0.66	0.60	0.67	10.65	ppb
Lead	208-1	0.74	0.65	0.60	0.66	11.02	ppb
Lithium	6-1				92		%
Magnesium	24-2	505854.71	500313.64	495504.76	500557.70	1.03	ppb
Manganese	55-2	3.55	3.43	3.42	3.47	2.19	ppb
Molybdenum	94-1	2.53	2.38	2.31	2.41	4.75	ppb
Molybdenum	95-1	1.79	1.60	1.54	1.64	8.04	ppb
Molybdenum	96-1	3.07	2.83	2.79	2.90	5.20	ppb
Molybdenum	97-1	1.72	1.55	1.46	1.58	8.37	ppb
Molybdenum	98-1	1.71	1.52	1.45	1.56	8.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.68	2.50	2.56	2.58	3.47	ppb
Phosphorus	31-2	-14.41	-12.80	-15.81	-14.34		ppb
Potassium	39-2	253817.83	251130.67	246539.73	250496.08	1.47	ppb
Rhodium	103-1				88		%
Rhodium	103-2				88		%
Scandium	45-1				96		%
Scandium	45-2				97		%
Selenium	82-1	0.97	0.54	0.67	0.72	30.73	ppb
Selenium	77-2	0.19	0.29	0.28	0.25	21.86	ppb
Selenium	78-2	0.29	0.64	0.67	0.54	39.36	ppb
Silicon	28-1	0.17	-0.99	-0.95	-0.59		ppb
Silver	107-1	0.15	0.13	0.12	0.13	10.58	ppb
Silver	109-1	0.16	0.13	0.11	0.13	16.86	ppb
Sodium	23-2	512572.33	491754.54	495303.20	499876.69	2.23	ppb
Strontium	86-1	81.14	80.87	81.18	81.06	0.21	ppb
Strontium	88-1	81.94	82.13	81.69	81.92	0.27	ppb
Sulfur	34-1	-653.54	-644.12	-581.60	-626.42		ppb
Terbium	159-1				102		%
Terbium	159-2				98		%
Thallium	203-1	0.11	0.07	0.06	0.08	32.65	ppb
Thallium	205-1	0.10	0.08	0.06	0.08	25.65	ppb
Tin	118-1	0.11	0.09	0.09	0.10	13.21	ppb
Titanium	47-1	1.48	1.34	1.32	1.38	6.48	ppb

LB Number :LB133538

Operator :Jaswal

Lab Sample ID :S08

Instrumnet Name :P7

Client Sample ID :S08

Dilution Factor :1

Date & Time Acquired :2024-11-20 09:45:46

DataFile Name :012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.10	0.08	0.06	0.08	23.53	ppb
Vanadium	51-2	0.28	0.25	0.24	0.26	8.47	ppb
Yttrium	89-1				99		%
Yttrium	89-2				100		%
Zinc	66-2	-1.69	-1.87	-1.76	-1.77		ppb
Zirconium	90-1	0.57	0.55	0.54	0.55	3.07	ppb
Zirconium	91-1	0.60	0.55	0.50	0.55	8.98	ppb

LB Number :

LB133538

Operator :

Jaswal

Lab Sample ID :

ICV002

Instrumnet Name :

P7

Client Sample ID :

ICV002

Dilution Factor :

1

Date & Time Acquired :

2024-11-20 10:03:13

DataFile Name :

013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	536.27	542.85	545.84	541.65	0.90	ppb
Antimony	121-1	206.47	204.06	208.14	206.22	1.00	ppb
Arsenic	75-2	204.99	207.73	205.48	206.07	0.71	ppb
Barium	135-1	100.02	99.89	100.32	100.08	0.22	ppb
Barium	137-1	100.12	100.55	101.44	100.70	0.66	ppb
Beryllium	9-1	98.03	102.43	98.68	99.71	2.38	ppb
Bismuth	209-1				108		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	95.71	95.95	93.96	95.21	1.14	ppb
Cadmium	106-1	93.41	92.83	92.67	92.97	0.42	ppb
Cadmium	111-1	106.79	106.81	105.90	106.50	0.49	ppb
Calcium	43-1	1907.25	1926.36	1917.32	1916.98	0.50	ppb
Calcium	44-1	1922.42	1905.02	1893.73	1907.06	0.76	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	100.86	101.24	100.56	100.89	0.33	ppb
Cobalt	59-2	103.75	104.67	106.99	105.13	1.59	ppb
Copper	63-2	97.93	98.13	98.03	98.03	0.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				106		%
Indium	115-1				106		%
Indium	115-2				107		%
Iron	56-2	2030.71	2063.88	2046.55	2047.05	0.81	ppb
Iron	57-2	2054.45	2052.73	2050.28	2052.49	0.10	ppb
Iron	54-2	2090.58	2099.63	2114.84	2101.68	0.58	ppb
Krypton	83-1						cps

LB Number :	LB133538			Operator :	Jaswal		
Lab Sample ID :	ICV002			Instrumnet Name :	P7		
Client Sample ID :	ICV002			Dilution Factor :	1		
Date & Time Acquired :	2024-11-20 10:03:13			DataFile Name :	013ICV.d		
Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	208.38	207.51	216.86	210.92	2.45	ppb
Lead	207-1	200.20	201.55	207.83	203.19	2.00	ppb
Lead	208-1	205.94	204.94	210.48	207.12	1.43	ppb
Lithium	6-1				101		%
Magnesium	24-2	1178.28	1098.91	1106.32	1127.83	3.89	ppb
Manganese	55-2	97.41	98.24	98.16	97.94	0.47	ppb
Molybdenum	94-1	0.03	0.05	0.06	0.05	39.26	ppb
Molybdenum	95-1	0.03	0.02	0.03	0.03	14.77	ppb
Molybdenum	96-1	0.04	0.05	0.05	0.05	17.81	ppb
Molybdenum	97-1	0.03	0.03	0.03	0.03	8.05	ppb
Molybdenum	98-1	0.03	0.03	0.04	0.03	13.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	103.38	104.02	104.08	103.83	0.37	ppb
Phosphorus	31-2	-19.05	-16.93	-19.48	-18.49		ppb
Potassium	39-2	1917.74	1925.46	1912.17	1918.46	0.35	ppb
Rhodium	103-1				105		%
Rhodium	103-2				106		%
Scandium	45-1				106		%
Scandium	45-2				105		%
Selenium	82-1	210.39	209.61	212.98	211.00	0.84	ppb
Selenium	77-2	215.53	210.04	209.57	211.71	1.57	ppb
Selenium	78-2	212.82	211.98	208.22	211.00	1.16	ppb
Silicon	28-1	-3.07	-2.78	-3.63	-3.16		ppb
Silver	107-1	53.60	51.58	52.96	52.71	1.96	ppb
Silver	109-1	52.62	53.90	52.47	53.00	1.48	ppb
Sodium	23-2	1957.76	1957.28	1986.42	1967.15	0.85	ppb
Strontium	86-1	6.10	4.91	5.46	5.49	10.85	ppb
Strontium	88-1	5.71	5.67	5.68	5.69	0.41	ppb
Sulfur	34-1	-346.41	-359.10	-394.39	-366.63		ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	207.66	205.29	209.32	207.42	0.98	ppb
Thallium	205-1	205.78	203.08	211.38	206.75	2.05	ppb
Tin	118-1	-0.06	-0.05	-0.06	-0.06		ppb
Titanium	47-1	0.04	0.04	0.04	0.04	5.69	ppb

3

LB Number :

LB133538

Operator :

Jaswal

Lab Sample ID :

ICB002

Instrumnet Name :

P7

Client Sample ID :

ICB002

Dilution Factor :

1

Date & Time Acquired :

2024-11-20 10:07:56

DataFile Name :

014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.29	-0.30	-0.29	-0.29		ppb
Antimony	121-1	0.03	0.03	0.05	0.04	23.26	ppb
Arsenic	75-2	0.01	0.02	0.01	0.01	48.51	ppb
Barium	135-1	0.02	0.03	0.01	0.02	29.99	ppb
Barium	137-1	0.01	0.01	0.02	0.01	32.93	ppb
Beryllium	9-1	0.05	0.02	0.01	0.03	69.67	ppb
Bismuth	209-1				101		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.03	0.07	0.01	0.04	77.73	ppb
Cadmium	106-1	-1.69	-1.52	-1.98	-1.73		ppb
Cadmium	111-1	-0.11	-0.10	-0.13	-0.12		ppb
Calcium	43-1	-0.39	-0.72	-5.06	-2.06		ppb
Calcium	44-1	-4.99	-2.86	-2.51	-3.45		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	-0.01	0.00	0.00		ppb
Cobalt	59-2	0.00	0.00	-0.01	0.00		ppb
Copper	63-2	0.03	0.02	0.01	0.02	46.93	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				104		%
Indium	115-1				100		%
Indium	115-2				104		%
Iron	56-2	0.06	-0.04	-0.03	0.00		ppb
Iron	57-2	-0.11	0.04	-0.62	-0.23		ppb
Iron	54-2	-0.47	-0.22	-0.58	-0.42		ppb
Krypton	83-1						cps

LB Number : LB133538

Operator : Jaswal

Lab Sample ID : ICB002

Instrumnet Name : P7

Client Sample ID : ICB002

Dilution Factor : 1

Date & Time Acquired : 2024-11-20 10:07:56

DataFile Name : 014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.04	0.02	0.02	0.03	37.74	ppb
Lead	207-1	0.03	0.03	0.03	0.03	2.27	ppb
Lead	208-1	0.03	0.02	0.02	0.03	26.18	ppb
Lithium	6-1				98		%
Magnesium	24-2	0.16	0.07	0.02	0.08	85.26	ppb
Manganese	55-2	-0.07	-0.03	-0.04	-0.05		ppb
Molybdenum	94-1	0.04	0.06	0.07	0.06	28.48	ppb
Molybdenum	95-1	0.01	0.01	0.01	0.01	6.05	ppb
Molybdenum	96-1	0.01	0.01	0.02	0.01	36.80	ppb
Molybdenum	97-1	0.00	0.01	0.01	0.01	48.22	ppb
Molybdenum	98-1	0.00	0.01	0.01	0.01	23.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.04	-0.02	-0.03		ppb
Phosphorus	31-2	-13.59	-16.81	-16.82	-15.74		ppb
Potassium	39-2	1.66	1.75	2.19	1.86	15.27	ppb
Rhodium	103-1				100		%
Rhodium	103-2				103		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	82-1	0.56	0.07	-0.01	0.21	149.54	ppb
Selenium	77-2	0.00	0.09	0.00	0.03	173.21	ppb
Selenium	78-2	0.47	0.81	0.33	0.54	46.36	ppb
Silicon	28-1	-1.33	-1.08	-1.30	-1.24		ppb
Silver	107-1	0.01	0.01	0.01	0.01	25.63	ppb
Silver	109-1	0.01	0.01	0.01	0.01	20.93	ppb
Sodium	23-2	-3.94	-3.94	-4.47	-4.11		ppb
Strontium	86-1	0.03	-0.07	0.16	0.04	289.78	ppb
Strontium	88-1	0.05	0.06	-0.01	0.03	124.24	ppb
Sulfur	34-1	-178.39	-175.23	-178.85	-177.49		ppb
Terbium	159-1				100		%
Terbium	159-2				102		%
Thallium	203-1	0.02	0.02	0.01	0.02	21.35	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	16.74	ppb
Tin	118-1	-0.02	-0.01	0.00	-0.01		ppb
Titanium	47-1	0.02	0.01	0.00	0.01	63.20	ppb

LB Number :

LB133538

Operator :

Jaswal

Lab Sample ID :

ICB002

Instrumnet Name :

P7

Client Sample ID :

ICB002

Dilution Factor :

1

Date & Time Acquired :

2024-11-20 10:07:56

DataFile Name :

014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	75.18	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				101		%
Yttrium	89-2				103		%
Zinc	66-2	-0.24	-0.09	-0.27	-0.20		ppb
Zirconium	90-1	0.03	0.03	0.04	0.03	23.37	ppb
Zirconium	91-1	0.03	0.03	0.03	0.03	9.80	ppb

LB Number :LB133538Operator :Jaswal

Lab Sample ID :ICSA002Instrumnet Name :P7

Client Sample ID :ICSA002Dilution Factor :1

Date & Time Acquired :2024-11-20 10:11:14DataFile Name :015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	90269.97	89899.98	89378.78	89849.58	0.50	ppb
Antimony	121-1	1.04	1.07	1.11	1.08	3.27	ppb
Arsenic	75-2	0.31	0.33	0.37	0.34	8.17	ppb
Barium	135-1	1.34	1.34	1.42	1.37	3.60	ppb
Barium	137-1	1.33	1.36	1.39	1.36	2.41	ppb
Beryllium	9-1	0.26	0.28	0.28	0.27	3.59	ppb
Bismuth	209-1				101		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	9.08	8.83	8.80	8.90	1.75	ppb
Cadmium	106-1	-1.23	-2.06	-2.14	-1.81		ppb
Cadmium	111-1	0.28	0.21	0.21	0.24	16.27	ppb
Calcium	43-1	94707.93	96656.57	96574.72	95979.74	1.15	ppb
Calcium	44-1	93748.53	96815.86	97326.52	95963.64	2.02	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.81	19.54	19.57	19.64	0.76	ppb
Cobalt	59-2	1.23	1.20	1.20	1.21	1.57	ppb
Copper	63-2	7.31	7.21	7.13	7.22	1.19	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				105		%
Holmium	165-2				104		%
Indium	115-1				98		%
Indium	115-2				99		%
Iron	56-2	102522.77	102740.95	101707.10	102323.61	0.53	ppb
Iron	57-2	103533.07	103398.31	100232.22	102387.87	1.82	ppb
Iron	54-2	101434.53	101106.06	99829.61	100790.06	0.84	ppb
Krypton	83-1						cps

LB Number :

LB133538

Operator :

Jaswal

Lab Sample ID :

ICSA002

Instrumnet Name :

P7

Client Sample ID :

ICSA002

Dilution Factor :

1

Date & Time Acquired :

2024-11-20 10:11:14

DataFile Name :

015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4.57	4.70	4.69	4.65	1.50	ppb
Lead	207-1	4.10	4.23	4.24	4.19	1.82	ppb
Lead	208-1	4.26	4.39	4.38	4.34	1.61	ppb
Lithium	6-1				93		%
Magnesium	24-2	92293.83	92792.81	91025.48	92037.37	0.99	ppb
Manganese	55-2	7.56	7.51	7.43	7.50	0.82	ppb
Molybdenum	94-1	1501.46	1562.67	1562.56	1542.23	2.29	ppb
Molybdenum	95-1	1822.95	1895.10	1906.11	1874.72	2.41	ppb
Molybdenum	96-1	1771.44	1860.35	1844.41	1825.40	2.60	ppb
Molybdenum	97-1	1810.65	1892.83	1894.48	1865.99	2.57	ppb
Molybdenum	98-1	1817.17	1920.70	1916.08	1884.65	3.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.45	5.24	5.32	5.34	2.07	ppb
Phosphorus	31-2	102778.67	100906.72	100943.05	101542.81	1.05	ppb
Potassium	39-2	95274.53	94079.08	96127.14	95160.25	1.08	ppb
Rhodium	103-1				95		%
Rhodium	103-2				96		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	82-1	0.24	0.06	-0.02	0.09	146.94	ppb
Selenium	77-2	0.28	0.10	0.09	0.16	69.36	ppb
Selenium	78-2	0.78	1.00	0.63	0.80	23.16	ppb
Silicon	28-1	0.31	-0.21	-0.10	0.00	99782.68	ppb
Silver	107-1	0.03	0.03	0.03	0.03	12.96	ppb
Silver	109-1	0.03	0.03	0.03	0.03	11.69	ppb
Sodium	23-2	100803.42	98947.56	98890.39	99547.12	1.09	ppb
Strontium	86-1	782.08	821.55	823.70	809.11	2.90	ppb
Strontium	88-1	807.30	845.09	867.29	839.89	3.61	ppb
Sulfur	34-1	91226.65	93312.19	91818.86	92119.23	1.17	ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	0.09	0.10	0.10	0.10	6.51	ppb
Thallium	205-1	0.08	0.10	0.10	0.10	10.43	ppb
Tin	118-1	0.09	0.11	0.13	0.11	14.89	ppb
Titanium	47-1	1885.51	1964.38	1961.67	1937.19	2.31	ppb

LB Number :

LB133538

Operator :

Jaswal

Lab Sample ID :

ICSA002

Instrumnet Name :

P7

Client Sample ID :

ICSA002

Dilution Factor :

1

Date & Time Acquired :

2024-11-20 10:11:14

DataFile Name :

015ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.02	0.02	0.02	6.00	ppb
Vanadium	51-2	0.18	0.18	0.20	0.18	5.55	ppb
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	9.83	9.48	9.51	9.61	2.00	ppb
Zirconium	90-1	0.01	0.02	0.03	0.02	43.51	ppb
Zirconium	91-1	0.01	0.01	0.03	0.02	64.94	ppb

LB Number :LB133538Operator :Jaswal

Lab Sample ID :ICSAB002Instrumnet Name :P7

Client Sample ID :ICSAB002Dilution Factor :1

Date & Time Acquired :2024-11-20 10:14:16DataFile Name :016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	85093.79	87183.89	89668.70	87315.46	2.62	ppb
Antimony	121-1	19.82	20.33	19.89	20.01	1.39	ppb
Arsenic	75-2	19.03	19.55	19.58	19.39	1.58	ppb
Barium	135-1	20.20	20.52	20.11	20.28	1.07	ppb
Barium	137-1	20.22	20.80	20.44	20.49	1.44	ppb
Beryllium	9-1	19.42	20.13	18.94	19.49	3.07	ppb
Bismuth	209-1				103		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	24.68	25.70	25.61	25.33	2.23	ppb
Cadmium	106-1	14.28	15.80	15.06	15.05	5.05	ppb
Cadmium	111-1	18.81	19.37	18.77	18.98	1.78	ppb
Calcium	43-1	97313.80	97908.73	96378.15	97200.23	0.79	ppb
Calcium	44-1	96689.74	97985.96	96897.62	97191.11	0.72	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	36.72	38.15	38.25	37.70	2.27	ppb
Cobalt	59-2	19.60	20.28	20.38	20.09	2.10	ppb
Copper	63-2	24.23	25.29	24.95	24.82	2.19	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				109		%
Holmium	165-2				106		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	56-2	97197.74	99270.65	98224.13	98230.84	1.06	ppb
Iron	57-2	95175.19	99724.82	98923.52	97941.18	2.48	ppb
Iron	54-2	94664.69	98202.26	99455.23	97440.73	2.55	ppb
Krypton	83-1						cps

LB Number :

LB133538

Operator :

Jaswal

Lab Sample ID :

ICSAB002

Instrumnet Name :

P7

Client Sample ID :

ICSAB002

Dilution Factor :

1

Date & Time Acquired :

2024-11-20 10:14:16

DataFile Name :

016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	24.96	25.70	25.12	25.26	1.53	ppb
Lead	207-1	23.82	24.36	23.86	24.01	1.25	ppb
Lead	208-1	24.12	24.76	24.25	24.37	1.38	ppb
Lithium	6-1				88		%
Magnesium	24-2	86457.35	89149.35	91504.15	89036.95	2.84	ppb
Manganese	55-2	24.76	25.73	25.46	25.32	1.97	ppb
Molybdenum	94-1	1543.49	1557.03	1553.35	1551.29	0.45	ppb
Molybdenum	95-1	1896.35	1899.49	1882.46	1892.77	0.48	ppb
Molybdenum	96-1	1858.86	1884.76	1836.59	1860.07	1.30	ppb
Molybdenum	97-1	1891.41	1901.95	1876.08	1889.81	0.69	ppb
Molybdenum	98-1	1904.99	1914.66	1887.40	1902.35	0.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	23.35	23.68	23.84	23.62	1.07	ppb
Phosphorus	31-2	96606.10	97991.74	100951.17	98516.33	2.25	ppb
Potassium	39-2	89896.12	93062.09	93487.51	92148.57	2.13	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				101		%
Selenium	82-1	19.58	19.09	18.91	19.19	1.79	ppb
Selenium	77-2	16.32	17.01	17.58	16.97	3.74	ppb
Selenium	78-2	20.51	19.85	19.28	19.88	3.11	ppb
Silicon	28-1	0.28	0.88	0.26	0.47	74.56	ppb
Silver	107-1	18.14	18.50	18.36	18.33	1.00	ppb
Silver	109-1	18.16	18.47	18.16	18.26	0.97	ppb
Sodium	23-2	93792.76	96467.40	97112.87	95791.01	1.84	ppb
Strontium	86-1	817.18	838.09	818.67	824.65	1.41	ppb
Strontium	88-1	844.43	855.42	828.24	842.70	1.62	ppb
Sulfur	34-1	92546.93	93051.29	91038.44	92212.22	1.14	ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	20.37	20.87	20.89	20.71	1.42	ppb
Thallium	205-1	20.42	20.94	20.82	20.73	1.32	ppb
Tin	118-1	0.08	0.07	0.07	0.07	10.68	ppb
Titanium	47-1	1944.45	1990.33	1954.81	1963.20	1.23	ppb

LB Number :

LB133538

Operator :

Jaswal

Lab Sample ID :

ICSAB002

Instrumnet Name :

P7

Client Sample ID :

ICSAB002

Dilution Factor :

1

Date & Time Acquired :

2024-11-20 10:14:16

DataFile Name :

016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.02	0.02	0.02	6.48	ppb
Vanadium	51-2	18.38	18.62	18.78	18.60	1.09	ppb
Yttrium	89-1				103		%
Yttrium	89-2				104		%
Zinc	66-2	26.58	27.13	27.85	27.19	2.33	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	28.61	ppb
Zirconium	91-1	0.01	0.03	0.02	0.02	54.55	ppb

LB Number :LB133538Operator :Jaswal

Lab Sample ID :CCV004Instrumnet Name :P7

Client Sample ID :CCV004Dilution Factor :1

Date & Time Acquired :2024-11-20 10:17:18DataFile Name :017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50239.04	49578.06	49963.89	49927.00	0.67	ppb
Antimony	121-1	498.29	512.55	515.48	508.77	1.81	ppb
Arsenic	75-2	523.71	529.41	527.12	526.75	0.54	ppb
Barium	135-1	2511.72	2544.20	2561.92	2539.28	1.00	ppb
Barium	137-1	2491.41	2547.46	2537.28	2525.38	1.18	ppb
Beryllium	9-1	514.62	545.73	538.94	533.10	3.07	ppb
Bismuth	209-1				103		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	493.81	517.24	513.46	508.17	2.48	ppb
Cadmium	106-1	499.51	512.48	513.10	508.36	1.51	ppb
Cadmium	111-1	505.02	524.89	517.95	515.95	1.95	ppb
Calcium	43-1	246304.78	250812.39	253541.71	250219.63	1.46	ppb
Calcium	44-1	246735.43	250135.59	253225.92	250032.31	1.30	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	510.01	504.35	514.58	509.65	1.01	ppb
Cobalt	59-2	526.92	512.58	522.19	520.56	1.40	ppb
Copper	63-2	5168.95	5093.32	5160.95	5141.07	0.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				106		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	56-2	128592.77	125244.16	127374.07	127070.33	1.33	ppb
Iron	57-2	129745.35	125183.91	127677.15	127535.47	1.79	ppb
Iron	54-2	126543.29	124990.57	126232.03	125921.96	0.65	ppb
Krypton	83-1						cps

LB Number :LB133538Operator :Jaswal

Lab Sample ID :CCV004Instrumnet Name :P7

Client Sample ID :CCV004Dilution Factor :1

Date & Time Acquired :2024-11-20 10:17:18DataFile Name :017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2565.30	2612.06	2629.94	2602.43	1.28	ppb
Lead	207-1	2558.31	2609.90	2620.48	2596.23	1.28	ppb
Lead	208-1	2557.82	2613.08	2623.47	2598.12	1.36	ppb
Lithium	6-1				89		%
Magnesium	24-2	249664.20	243947.49	247463.35	247025.01	1.17	ppb
Manganese	55-2	5126.19	4981.51	5127.23	5078.31	1.65	ppb
Molybdenum	94-1	4962.88	5090.47	5102.87	5052.08	1.53	ppb
Molybdenum	95-1	5015.27	5129.61	5107.33	5084.07	1.19	ppb
Molybdenum	96-1	5001.19	5101.55	5134.64	5079.13	1.37	ppb
Molybdenum	97-1	4995.98	5086.18	5142.44	5074.86	1.46	ppb
Molybdenum	98-1	5012.86	5140.24	5142.63	5098.57	1.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	517.00	512.07	517.38	515.48	0.57	ppb
Phosphorus	31-2	10172.03	9940.10	10142.59	10084.91	1.25	ppb
Potassium	39-2	124847.59	122545.06	124495.77	123962.81	1.00	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	82-1	501.17	506.23	515.03	507.48	1.38	ppb
Selenium	77-2	518.48	516.82	497.10	510.80	2.33	ppb
Selenium	78-2	509.93	521.60	515.33	515.62	1.13	ppb
Silicon	28-1	383.33	386.65	396.16	388.71	1.71	ppb
Silver	107-1	499.94	508.97	515.99	508.30	1.58	ppb
Silver	109-1	500.29	510.28	514.56	508.38	1.44	ppb
Sodium	23-2	258452.91	253605.57	257277.78	256445.42	0.99	ppb
Strontium	86-1	12553.82	12740.39	12967.64	12753.95	1.62	ppb
Strontium	88-1	12642.58	12877.21	12773.13	12764.31	0.92	ppb
Sulfur	34-1	9504.64	9429.09	9670.09	9534.60	1.29	ppb
Terbium	159-1				110		%
Terbium	159-2				104		%
Thallium	203-1	512.08	512.02	516.91	513.67	0.55	ppb
Thallium	205-1	513.30	523.85	523.04	520.06	1.13	ppb
Tin	118-1	484.79	506.29	510.25	500.45	2.74	ppb
Titanium	47-1	4950.79	5085.61	5103.95	5046.78	1.66	ppb

LB Number :

LB133538

Operator :

Jaswal

Lab Sample ID :

CCV004

Instrumnet Name :

P7

Client Sample ID :

CCV004

Dilution Factor :

1

Date & Time Acquired :

2024-11-20 10:17:18

DataFile Name :

017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	517.22	525.44	529.35	524.00	1.18	ppb
Vanadium	51-2	523.08	517.03	523.39	521.16	0.69	ppb
Yttrium	89-1				106		%
Yttrium	89-2				103		%
Zinc	66-2	5225.21	5127.20	5202.94	5185.12	0.99	ppb
Zirconium	90-1	500.64	514.78	519.20	511.54	1.90	ppb
Zirconium	91-1	502.44	507.17	521.24	510.28	1.92	ppb

LB Number :

LB133538

Operator :

Jaswal

Lab Sample ID :

CCB004

Instrumnet Name :

P7

Client Sample ID :

CCB004

Dilution Factor :

1

Date & Time Acquired :

2024-11-20 10:19:57

DataFile Name :

018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.59	0.72	0.38	0.56	29.93	ppb
Antimony	121-1	0.24	0.24	0.30	0.26	13.86	ppb
Arsenic	75-2	0.02	0.00	0.01	0.01	106.97	ppb
Barium	135-1	0.43	0.18	0.09	0.23	76.72	ppb
Barium	137-1	0.45	0.20	0.07	0.24	79.99	ppb
Beryllium	9-1	0.12	0.09	0.05	0.09	40.14	ppb
Bismuth	209-1				108		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.12	0.11	0.05	0.09	44.74	ppb
Cadmium	106-1	-1.44	-1.80	-1.62	-1.62		ppb
Cadmium	111-1	0.01	-0.08	-0.09	-0.05		ppb
Calcium	43-1	46.53	17.95	11.21	25.23	74.32	ppb
Calcium	44-1	44.85	20.73	8.28	24.62	75.51	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.03	-0.02	0.00	-0.02		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.15	0.13	0.12	0.13	9.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				106		%
Indium	115-1				102		%
Indium	115-2				104		%
Iron	56-2	2.23	1.93	1.68	1.94	14.16	ppb
Iron	57-2	1.87	1.94	0.94	1.58	35.26	ppb
Iron	54-2	1.76	2.19	1.66	1.87	14.98	ppb
Krypton	83-1						cps

LB Number :

LB133538

Operator :

Jaswal

Lab Sample ID :

CCB004

Instrumnet Name :

P7

Client Sample ID :

CCB004

Dilution Factor :

1

Date & Time Acquired :

2024-11-20 10:19:57

DataFile Name :

018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.47	0.22	0.12	0.27	66.76	ppb
Lead	207-1	0.46	0.25	0.12	0.27	63.91	ppb
Lead	208-1	0.46	0.23	0.12	0.27	64.66	ppb
Lithium	6-1				96		%
Magnesium	24-2	3.24	2.97	2.16	2.79	20.19	ppb
Manganese	55-2	0.02	0.07	0.01	0.03	111.86	ppb
Molybdenum	94-1	1.16	0.71	0.52	0.80	41.59	ppb
Molybdenum	95-1	1.00	0.53	0.31	0.61	57.07	ppb
Molybdenum	96-1	1.01	0.55	0.33	0.63	55.13	ppb
Molybdenum	97-1	1.02	0.54	0.30	0.62	58.98	ppb
Molybdenum	98-1	1.00	0.52	0.33	0.62	56.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.01	0.00	0.00		ppb
Phosphorus	31-2	-16.08	-20.13	-17.58	-17.93		ppb
Potassium	39-2	19.37	21.12	18.36	19.62	7.11	ppb
Rhodium	103-1				100		%
Rhodium	103-2				105		%
Scandium	45-1				98		%
Scandium	45-2				99		%
Selenium	82-1	0.23	0.15	-0.11	0.09	194.48	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.31	0.13	0.17	0.21	46.13	ppb
Silicon	28-1	-1.69	-2.62	-2.37	-2.23		ppb
Silver	107-1	0.12	0.06	0.04	0.07	60.01	ppb
Silver	109-1	0.11	0.06	0.03	0.07	62.13	ppb
Sodium	23-2	13.38	13.95	13.45	13.59	2.29	ppb
Strontium	86-1	2.08	1.22	0.58	1.30	58.07	ppb
Strontium	88-1	2.12	0.93	0.35	1.13	79.81	ppb
Sulfur	34-1	-676.90	-726.42	-698.97	-700.76		ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	0.15	0.10	0.07	0.11	39.81	ppb
Thallium	205-1	0.14	0.09	0.07	0.10	34.13	ppb
Tin	118-1	0.10	0.05	0.04	0.06	49.40	ppb
Titanium	47-1	0.85	0.46	0.21	0.51	63.14	ppb

LB Number :

LB133538

Operator :

Jaswal

Lab Sample ID :

CCB004

Instrumnet Name :

P7

Client Sample ID :

CCB004

Dilution Factor :

1

Date & Time Acquired :

2024-11-20 10:19:57

DataFile Name :

018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.08	0.04	0.02	0.05	70.75	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	22.75	ppb
Yttrium	89-1				101		%
Yttrium	89-2				104		%
Zinc	66-2	0.06	0.37	-0.11	0.11	229.69	ppb
Zirconium	90-1	0.18	0.14	0.13	0.15	15.98	ppb
Zirconium	91-1	0.19	0.14	0.13	0.15	23.09	ppb

LB Number :

LB133538

Operator :

Jaswal

Lab Sample ID :

PB165018BL

Instrumnet Name :

P7

Client Sample ID :

PBW018

Dilution Factor :

1

Date & Time Acquired :

2024-11-20 10:23:13

DataFile Name :

019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.06	-0.14	-0.01	-0.07		ppb
Antimony	121-1	0.03	0.05	0.06	0.05	32.42	ppb
Arsenic	75-2	0.01	0.00	0.00	0.00	294.32	ppb
Barium	135-1	0.00	0.01	0.00	0.01	118.25	ppb
Barium	137-1	0.00	-0.01	0.00	0.00		ppb
Beryllium	9-1	0.01	0.03	0.04	0.03	40.47	ppb
Bismuth	209-1				110		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.08	0.04	-0.02	0.04	145.74	ppb
Cadmium	106-1	-0.80	-1.39	-1.61	-1.27		ppb
Cadmium	111-1	-0.05	-0.09	-0.10	-0.08		ppb
Calcium	43-1	-8.53	-6.12	-4.86	-6.50		ppb
Calcium	44-1	-7.78	-5.06	-2.05	-4.97		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	-0.04	-0.02	-0.03		ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.03	0.02	0.06	0.04	45.33	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				109		%
Holmium	165-2				107		%
Indium	115-1				105		%
Indium	115-2				105		%
Iron	56-2	0.29	-0.08	-0.02	0.06	319.13	ppb
Iron	57-2	-0.24	-0.62	-1.29	-0.72		ppb
Iron	54-2	0.18	-0.21	-0.33	-0.12		ppb
Krypton	83-1						cps

LB Number :

LB133538

Operator :

Jaswal

Lab Sample ID :

PB165018BL

Instrumnet Name :

P7

Client Sample ID :

PBW018

Dilution Factor :

1

Date & Time Acquired :

2024-11-20 10:23:13

DataFile Name :

019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.04	0.02	0.03	0.03	31.43	ppb
Lead	207-1	0.03	0.03	0.01	0.02	38.38	ppb
Lead	208-1	0.03	0.03	0.02	0.03	9.96	ppb
Lithium	6-1				98		%
Magnesium	24-2	0.23	0.15	0.09	0.16	43.62	ppb
Manganese	55-2	-0.03	-0.14	0.00	-0.05		ppb
Molybdenum	94-1	0.04	0.06	0.07	0.06	31.86	ppb
Molybdenum	95-1	0.02	0.03	0.03	0.03	24.25	ppb
Molybdenum	96-1	0.03	0.03	0.04	0.03	17.55	ppb
Molybdenum	97-1	0.03	0.03	0.03	0.03	4.45	ppb
Molybdenum	98-1	0.02	0.03	0.03	0.03	18.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.01	-0.03	-0.03		ppb
Phosphorus	31-2	-18.98	-19.47	-21.06	-19.83		ppb
Potassium	39-2	11.87	9.92	10.36	10.72	9.49	ppb
Rhodium	103-1				105		%
Rhodium	103-2				106		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	82-1	0.29	-0.07	-0.16	0.02	1119.10	ppb
Selenium	77-2	0.00	0.36	0.09	0.15	124.93	ppb
Selenium	78-2	0.78	0.13	0.49	0.47	69.69	ppb
Silicon	28-1	-3.88	-3.20	-2.94	-3.34		ppb
Silver	107-1	0.01	0.01	0.01	0.01	17.69	ppb
Silver	109-1	0.01	0.01	0.01	0.01	13.02	ppb
Sodium	23-2	5.61	3.83	4.81	4.75	18.75	ppb
Strontium	86-1	0.08	-0.33	0.00	-0.08		ppb
Strontium	88-1	-0.18	-0.15	0.00	-0.11		ppb
Sulfur	34-1	-717.19	-680.21	-633.97	-677.12		ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	0.04	0.04	0.04	0.04	5.40	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	4.04	ppb
Tin	118-1	-0.02	0.00	0.01	0.00		ppb
Titanium	47-1	0.01	0.03	0.01	0.02	64.78	ppb

LB Number : LB133538 Operator : Jaswal
Lab Sample ID : PB165018BL Instrumnet Name : P7
Client Sample ID : PBW018 Dilution Factor : 1
Date & Time Acquired : 2024-11-20 10:23:13 DataFile Name : 019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	56.21	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	68.81	ppb
Yttrium	89-1				105		%
Yttrium	89-2				104		%
Zinc	66-2	0.14	-0.19	-0.15	-0.07		ppb
Zirconium	90-1	0.01	0.02	0.03	0.02	38.21	ppb
Zirconium	91-1	0.01	0.02	0.04	0.02	59.27	ppb

LB Number :	LB133538	Operator :	Jaswal
Lab Sample ID :	PB165018BS	Instrumnet Name :	P7
Client Sample ID :	LCS018	Dilution Factor :	1
Date & Time Acquired :	2024-11-20 10:26:27	DataFile Name :	020LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40.74	39.58	39.53	39.95	1.72	ppb
Antimony	121-1	4.21	4.46	4.51	4.39	3.64	ppb
Arsenic	75-2	2.15	2.39	2.20	2.25	5.56	ppb
Barium	135-1	20.51	21.80	21.63	21.32	3.29	ppb
Barium	137-1	20.96	22.02	21.96	21.65	2.77	ppb
Beryllium	9-1	2.07	2.19	2.23	2.16	4.00	ppb
Bismuth	209-1				106		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.79	2.16	2.46	2.14	15.62	ppb
Cadmium	106-1	1.11	1.15	0.48	0.91	41.46	ppb
Cadmium	111-1	2.09	2.23	2.08	2.13	3.88	ppb
Calcium	43-1	1019.29	1090.20	1076.36	1061.95	3.54	ppb
Calcium	44-1	1009.43	1076.78	1057.31	1047.84	3.31	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.48	4.39	4.25	4.37	2.62	ppb
Cobalt	59-2	2.26	2.31	2.17	2.25	3.10	ppb
Copper	63-2	4.72	4.57	4.55	4.61	2.06	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				105		%
Holmium	165-2				107		%
Indium	115-1				103		%
Indium	115-2				106		%
Iron	56-2	462.04	456.74	453.18	457.32	0.97	ppb
Iron	57-2	469.68	457.96	452.09	459.91	1.95	ppb
Iron	54-2	462.77	464.31	450.69	459.26	1.62	ppb
Krypton	83-1						cps

LB Number : LB133538 Operator : Jaswal
Lab Sample ID : PB165018BS Instrumnet Name : P7
Client Sample ID : LCS018 Dilution Factor : 1
Date & Time Acquired : 2024-11-20 10:26:27 DataFile Name : 020LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2.10	2.26	2.25	2.20	4.16	ppb
Lead	207-1	2.11	2.30	2.24	2.22	4.30	ppb
Lead	208-1	2.12	2.26	2.24	2.20	3.51	ppb
Lithium	6-1				95		%
Magnesium	24-2	1017.31	1013.23	978.13	1002.89	2.15	ppb
Manganese	55-2	2.14	2.21	2.17	2.17	1.49	ppb
Molybdenum	94-1	12.21	12.59	12.54	12.45	1.65	ppb
Molybdenum	95-1	10.04	10.71	10.51	10.42	3.27	ppb
Molybdenum	96-1	10.31	10.85	10.69	10.62	2.63	ppb
Molybdenum	97-1	10.21	10.66	10.53	10.46	2.21	ppb
Molybdenum	98-1	10.27	10.86	10.59	10.57	2.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.21	2.30	2.25	2.25	1.92	ppb
Phosphorus	31-2	-18.38	-18.89	-17.70	-18.32		ppb
Potassium	39-2	1076.27	1075.92	1051.94	1068.04	1.31	ppb
Rhodium	103-1				103		%
Rhodium	103-2				106		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	82-1	10.32	11.44	10.91	10.89	5.16	ppb
Selenium	77-2	12.27	10.35	10.86	11.16	8.91	ppb
Selenium	78-2	10.79	11.40	11.18	11.12	2.79	ppb
Silicon	28-1	1.33	2.63	2.12	2.03	32.23	ppb
Silver	107-1	2.18	2.29	2.29	2.25	2.91	ppb
Silver	109-1	2.17	2.27	2.30	2.25	3.17	ppb
Sodium	23-2	1103.63	1083.42	1089.90	1092.31	0.94	ppb
Strontium	86-1	51.57	53.54	54.13	53.08	2.53	ppb
Strontium	88-1	52.40	54.66	54.03	53.69	2.17	ppb
Sulfur	34-1	-513.30	-402.09	-455.46	-456.95		ppb
Terbium	159-1				104		%
Terbium	159-2				106		%
Thallium	203-1	2.08	2.14	2.15	2.12	1.94	ppb
Thallium	205-1	2.06	2.16	2.16	2.12	2.82	ppb
Tin	118-1	0.00	0.03	0.04	0.02	103.40	ppb
Titanium	47-1	10.29	10.89	10.62	10.60	2.85	ppb

LB Number : LB133538 Operator : Jaswal
Lab Sample ID : PB165018BS Instrumnet Name : P7
Client Sample ID : LCS018 Dilution Factor : 1
Date & Time Acquired : 2024-11-20 10:26:27 DataFile Name : 020LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.91	2.02	2.06	2.00	3.78	ppb
Vanadium	51-2	10.89	10.75	10.45	10.70	2.12	ppb
Yttrium	89-1				103		%
Yttrium	89-2				105		%
Zinc	66-2	12.40	12.09	11.39	11.96	4.33	ppb
Zirconium	90-1	2.09	2.24	2.18	2.17	3.55	ppb
Zirconium	91-1	2.11	2.25	2.13	2.16	3.47	ppb

LB Number :LB133538Operator :Jaswal

Lab Sample ID :PB165103BLInstrumnet Name :P7

Client Sample ID :PBW103Dilution Factor :1

Date & Time Acquired :2024-11-20 10:29:41DataFile Name :021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.09	-0.15	-0.07	-0.11		ppb
Antimony	121-1	0.01	0.02	0.02	0.02	21.62	ppb
Arsenic	75-2	0.00	0.00	-0.01	0.00		ppb
Barium	135-1	0.00	0.00	0.01	0.01	106.08	ppb
Barium	137-1	0.00	0.00	0.00	0.00	293.59	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	31.77	ppb
Bismuth	209-1				109		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.02	0.04	0.02	0.03	27.88	ppb
Cadmium	106-1	-0.71	-1.51	-1.01	-1.08		ppb
Cadmium	111-1	-0.04	-0.10	-0.07	-0.07		ppb
Calcium	43-1	-4.82	0.54	-3.52	-2.60		ppb
Calcium	44-1	-2.24	-3.96	-5.43	-3.88		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	-0.03	-0.02	-0.01		ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00		ppb
Copper	63-2	0.03	0.04	0.03	0.03	17.48	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				108		%
Holmium	165-2				107		%
Indium	115-1				106		%
Indium	115-2				107		%
Iron	56-2	-0.01	0.09	0.01	0.03	207.54	ppb
Iron	57-2	-0.30	0.08	-0.50	-0.24		ppb
Iron	54-2	0.25	0.40	0.01	0.22	89.08	ppb
Krypton	83-1						cps

LB Number :

LB133538

Operator :

Jaswal

Lab Sample ID :

PB165103BL

Instrumnet Name :

P7

Client Sample ID :

PBW103

Dilution Factor :

1

Date & Time Acquired :

2024-11-20 10:29:41

DataFile Name :

021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.02	0.03	0.02	0.02	29.43	ppb
Lead	207-1	0.02	0.01	0.03	0.02	37.85	ppb
Lead	208-1	0.01	0.02	0.02	0.02	16.06	ppb
Lithium	6-1				97		%
Magnesium	24-2	0.28	0.38	0.42	0.36	20.64	ppb
Manganese	55-2	-0.03	-0.04	-0.11	-0.06		ppb
Molybdenum	94-1	0.02	0.03	0.10	0.05	85.55	ppb
Molybdenum	95-1	0.01	0.01	0.06	0.03	99.71	ppb
Molybdenum	96-1	0.00	0.01	0.09	0.03	136.07	ppb
Molybdenum	97-1	0.02	0.01	0.07	0.03	108.47	ppb
Molybdenum	98-1	0.01	0.01	0.05	0.03	90.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	0.00	-0.04	-0.02		ppb
Phosphorus	31-2	-19.69	-16.38	-19.53	-18.53		ppb
Potassium	39-2	5.97	6.93	3.95	5.62	27.03	ppb
Rhodium	103-1				105		%
Rhodium	103-2				107		%
Scandium	45-1				102		%
Scandium	45-2				103		%
Selenium	82-1	0.32	0.25	0.14	0.23	37.89	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.02	0.19	-0.07	0.05	279.90	ppb
Silicon	28-1	-2.98	-2.60	-2.88	-2.82		ppb
Silver	107-1	0.01	0.01	0.01	0.01	14.07	ppb
Silver	109-1	0.01	0.01	0.01	0.01	8.02	ppb
Sodium	23-2	-0.17	1.00	-0.99	-0.05		ppb
Strontium	86-1	-0.24	-0.17	0.30	-0.04		ppb
Strontium	88-1	-0.04	0.01	0.23	0.07	221.97	ppb
Sulfur	34-1	-451.24	-508.51	-542.27	-500.68		ppb
Terbium	159-1				107		%
Terbium	159-2				107		%
Thallium	203-1	0.03	0.02	0.03	0.02	16.11	ppb
Thallium	205-1	0.03	0.02	0.02	0.02	3.68	ppb
Tin	118-1	-0.02	-0.02	-0.01	-0.02		ppb
Titanium	47-1	0.01	0.01	0.01	0.01	24.71	ppb

LB Number :

LB133538

Operator :

Jaswal

Lab Sample ID :

PB165103BL

Instrumnet Name :

P7

Client Sample ID :

PBW103

Dilution Factor :

1

Date & Time Acquired :

2024-11-20 10:29:41

DataFile Name :

021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	29.88	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				106		%
Yttrium	89-2				107		%
Zinc	66-2	0.07	0.20	-0.46	-0.06		ppb
Zirconium	90-1	0.00	0.01	0.02	0.01	119.51	ppb
Zirconium	91-1	0.00	0.01	0.02	0.01	123.09	ppb

LB Number :LB133538Operator :Jaswal

Lab Sample ID :PB165103BSInstrumnet Name :P7

Client Sample ID :LCS103Dilution Factor :1

Date & Time Acquired :2024-11-20 10:32:55DataFile Name :022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40.55	38.69	39.45	39.56	2.37	ppb
Antimony	121-1	4.24	4.29	4.33	4.29	1.03	ppb
Arsenic	75-2	2.18	2.20	2.18	2.18	0.63	ppb
Barium	135-1	20.88	20.81	21.48	21.06	1.74	ppb
Barium	137-1	21.06	21.34	21.13	21.18	0.68	ppb
Beryllium	9-1	2.09	2.14	2.04	2.09	2.32	ppb
Bismuth	209-1				108		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.22	2.20	2.12	2.18	2.53	ppb
Cadmium	106-1	1.20	1.10	1.40	1.23	12.50	ppb
Cadmium	111-1	2.13	2.11	2.16	2.13	1.22	ppb
Calcium	43-1	1026.33	1010.13	1027.99	1021.48	0.97	ppb
Calcium	44-1	1034.21	1013.09	1018.09	1021.79	1.08	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.36	4.47	4.32	4.38	1.81	ppb
Cobalt	59-2	2.23	2.27	2.21	2.24	1.32	ppb
Copper	63-2	4.64	4.59	4.55	4.59	0.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				107		%
Indium	115-1				105		%
Indium	115-2				107		%
Iron	56-2	462.54	457.58	450.80	456.97	1.29	ppb
Iron	57-2	458.46	459.70	452.77	456.98	0.81	ppb
Iron	54-2	460.67	454.19	458.43	457.76	0.72	ppb
Krypton	83-1						cps

LB Number : LB133538 Operator : Jaswal
Lab Sample ID : PB165103BS Instrumnet Name : P7
Client Sample ID : LCS103 Dilution Factor : 1
Date & Time Acquired : 2024-11-20 10:32:55 DataFile Name : 022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2.09	2.16	2.18	2.14	2.25	ppb
Lead	207-1	2.08	2.10	2.15	2.11	1.68	ppb
Lead	208-1	2.09	2.13	2.13	2.12	1.25	ppb
Lithium	6-1				97		%
Magnesium	24-2	1007.69	999.10	990.31	999.03	0.87	ppb
Manganese	55-2	2.23	2.16	2.14	2.18	2.07	ppb
Molybdenum	94-1	12.18	12.12	12.43	12.24	1.34	ppb
Molybdenum	95-1	10.21	10.08	10.26	10.18	0.90	ppb
Molybdenum	96-1	10.34	10.20	10.39	10.31	0.95	ppb
Molybdenum	97-1	10.30	10.13	10.29	10.24	0.91	ppb
Molybdenum	98-1	10.28	10.10	10.38	10.26	1.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.27	2.37	2.27	2.30	2.53	ppb
Phosphorus	31-2	-18.21	-18.11	-16.50	-17.61		ppb
Potassium	39-2	1092.66	1059.28	1044.13	1065.36	2.33	ppb
Rhodium	103-1				106		%
Rhodium	103-2				106		%
Scandium	45-1				104		%
Scandium	45-2				102		%
Selenium	82-1	11.06	10.35	10.55	10.66	3.45	ppb
Selenium	77-2	10.78	9.34	9.85	9.99	7.31	ppb
Selenium	78-2	11.22	10.82	11.59	11.21	3.45	ppb
Silicon	28-1	1.58	1.33	1.30	1.40	10.69	ppb
Silver	107-1	2.18	2.25	2.24	2.22	1.75	ppb
Silver	109-1	2.18	2.21	2.25	2.21	1.42	ppb
Sodium	23-2	1075.65	1106.16	1071.89	1084.57	1.73	ppb
Strontium	86-1	52.85	52.35	52.80	52.66	0.52	ppb
Strontium	88-1	52.64	51.47	52.80	52.30	1.39	ppb
Sulfur	34-1	-364.75	-445.64	-443.13	-417.84		ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	2.04	2.04	2.09	2.06	1.29	ppb
Thallium	205-1	2.03	2.06	2.11	2.06	2.00	ppb
Tin	118-1	0.01	0.03	0.02	0.02	55.50	ppb
Titanium	47-1	10.25	10.08	10.15	10.16	0.81	ppb

LB Number :

LB133538

Operator :

Jaswal

Lab Sample ID :

PB165103BS

Instrumnet Name :

P7

Client Sample ID :

LCS103

Dilution Factor :

1

Date & Time Acquired :

2024-11-20 10:32:55

DataFile Name :

022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.92	1.95	1.96	1.94	0.98	ppb
Vanadium	51-2	10.79	10.56	10.51	10.62	1.40	ppb
Yttrium	89-1				106		%
Yttrium	89-2				106		%
Zinc	66-2	11.18	11.33	11.18	11.23	0.74	ppb
Zirconium	90-1	2.10	2.07	2.14	2.11	1.67	ppb
Zirconium	91-1	2.08	2.07	2.18	2.11	2.75	ppb

LB Number : LB133538 Operator : Jaswal
Lab Sample ID : PB165104BL Instrumnet Name : P7
Client Sample ID : PBW104 Dilution Factor : 1
Date & Time Acquired : 2024-11-20 10:36:08 DataFile Name : 023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.19	-0.25	-0.20	-0.22		ppb
Antimony	121-1	0.01	0.01	0.01	0.01	23.97	ppb
Arsenic	75-2	0.00	0.00	0.00	0.00	117.57	ppb
Barium	135-1	0.00	0.00	0.01	0.00	114.88	ppb
Barium	137-1	0.00	0.00	0.00	0.00		ppb
Beryllium	9-1	0.02	0.02	0.02	0.02	2.56	ppb
Bismuth	209-1				106		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.01	-0.01	-0.03	-0.01		ppb
Cadmium	106-1	-0.76	-1.09	-0.88	-0.91		ppb
Cadmium	111-1	-0.05	-0.07	-0.06	-0.06		ppb
Calcium	43-1	-10.04	6.30	-3.64	-2.46		ppb
Calcium	44-1	-8.44	5.06	-4.36	-2.58		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	-0.03	0.00	-0.01		ppb
Cobalt	59-2	-0.01	0.00	0.00	0.00		ppb
Copper	63-2	0.04	0.03	0.03	0.03	24.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				106		%
Indium	115-1				105		%
Indium	115-2				106		%
Iron	56-2	0.14	0.04	0.05	0.08	72.11	ppb
Iron	57-2	-0.39	-0.10	0.26	-0.08		ppb
Iron	54-2	0.42	0.13	-0.23	0.10	313.27	ppb
Krypton	83-1						cps

LB Number :

LB133538

Operator :

Jaswal

Lab Sample ID :

PB165104BL

Instrumnet Name :

P7

Client Sample ID :

PBW104

Dilution Factor :

1

Date & Time Acquired :

2024-11-20 10:36:08

DataFile Name :

023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.00	0.02	0.01	0.01	111.54	ppb
Lead	207-1	0.01	0.03	0.02	0.02	55.87	ppb
Lead	208-1	0.01	0.02	0.01	0.01	47.35	ppb
Lithium	6-1				97		%
Magnesium	24-2	0.12	0.18	0.03	0.11	70.38	ppb
Manganese	55-2	0.06	-0.01	-0.04	0.00	1926.95	ppb
Molybdenum	94-1	-0.01	0.01	0.01	0.00	201.11	ppb
Molybdenum	95-1	0.01	0.01	0.00	0.01	19.31	ppb
Molybdenum	96-1	0.01	0.00	0.00	0.00	31.81	ppb
Molybdenum	97-1	0.01	0.00	0.00	0.01	78.99	ppb
Molybdenum	98-1	0.01	0.00	0.00	0.00	39.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.02	-0.05	-0.03		ppb
Phosphorus	31-2	-16.86	-17.66	-19.31	-17.95		ppb
Potassium	39-2	5.44	3.25	3.47	4.05	29.81	ppb
Rhodium	103-1				106		%
Rhodium	103-2				106		%
Scandium	45-1				102		%
Scandium	45-2				103		%
Selenium	82-1	-0.04	-0.22	-0.23	-0.16		ppb
Selenium	77-2	0.09	0.09	0.00	0.06	86.60	ppb
Selenium	78-2	0.68	0.57	-0.06	0.40	101.52	ppb
Silicon	28-1	-2.53	-0.67	-2.51	-1.90		ppb
Silver	107-1	0.01	0.01	0.01	0.01	26.55	ppb
Silver	109-1	0.01	0.01	0.01	0.01	22.30	ppb
Sodium	23-2	-1.75	-1.99	0.33	-1.14		ppb
Strontium	86-1	-0.20	0.26	-0.08	-0.01		ppb
Strontium	88-1	-0.01	0.10	0.01	0.03	192.70	ppb
Sulfur	34-1	-446.23	-243.80	-431.25	-373.76		ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	0.01	0.02	0.01	0.02	31.93	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	13.98	ppb
Tin	118-1	-0.03	0.00	-0.02	-0.01		ppb
Titanium	47-1	0.03	0.01	0.01	0.02	60.79	ppb

LB Number : LB133538 Operator : Jaswal
Lab Sample ID : PB165104BL Instrumnet Name : P7
Client Sample ID : PBW104 Dilution Factor : 1
Date & Time Acquired : 2024-11-20 10:36:08 DataFile Name : 023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	29.78	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	80.97	ppb
Yttrium	89-1				105		%
Yttrium	89-2				105		%
Zinc	66-2	-0.10	-0.25	-0.14	-0.16		ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	138.49	ppb
Zirconium	91-1	-0.01	0.01	0.01	0.00	260.38	ppb

LB Number :	LB133538	Operator :	Jaswal
Lab Sample ID :	PB165104BS	Instrumnet Name :	P7
Client Sample ID :	LCS104	Dilution Factor :	1
Date & Time Acquired :	2024-11-20 10:39:22	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38.09	39.81	39.79	39.23	2.52	ppb
Antimony	121-1	4.28	4.28	4.31	4.29	0.40	ppb
Arsenic	75-2	2.26	2.25	2.22	2.24	0.78	ppb
Barium	135-1	20.75	21.03	21.04	20.94	0.80	ppb
Barium	137-1	20.96	21.18	21.13	21.09	0.55	ppb
Beryllium	9-1	2.06	1.96	2.04	2.02	2.55	ppb
Bismuth	209-1				107		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.35	2.29	2.27	2.30	1.91	ppb
Cadmium	106-1	2.18	1.32	0.96	1.49	42.05	ppb
Cadmium	111-1	2.16	2.20	2.10	2.15	2.36	ppb
Calcium	43-1	1036.83	1035.93	1031.67	1034.81	0.27	ppb
Calcium	44-1	997.93	1018.79	1011.99	1009.57	1.05	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.34	4.39	4.49	4.41	1.68	ppb
Cobalt	59-2	2.25	2.28	2.26	2.26	0.68	ppb
Copper	63-2	4.57	4.64	4.67	4.63	1.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				105		%
Indium	115-1				106		%
Indium	115-2				106		%
Iron	56-2	450.37	459.95	453.89	454.74	1.07	ppb
Iron	57-2	450.10	461.56	458.29	456.65	1.29	ppb
Iron	54-2	451.19	459.93	456.40	455.84	0.96	ppb
Krypton	83-1						cps

LB Number : LB133538 Operator : Jaswal
Lab Sample ID : PB165104BS Instrumnet Name : P7
Client Sample ID : LCS104 Dilution Factor : 1
Date & Time Acquired : 2024-11-20 10:39:22 DataFile Name : 024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2.10	2.13	2.13	2.12	0.78	ppb
Lead	207-1	2.14	2.13	2.11	2.12	0.73	ppb
Lead	208-1	2.10	2.13	2.11	2.11	0.64	ppb
Lithium	6-1				95		%
Magnesium	24-2	977.16	991.01	1005.80	991.32	1.44	ppb
Manganese	55-2	2.12	2.14	2.18	2.15	1.39	ppb
Molybdenum	94-1	12.12	12.29	12.25	12.22	0.72	ppb
Molybdenum	95-1	10.15	10.24	10.31	10.23	0.77	ppb
Molybdenum	96-1	10.30	10.46	10.50	10.42	1.01	ppb
Molybdenum	97-1	10.27	10.23	10.31	10.27	0.40	ppb
Molybdenum	98-1	10.28	10.27	10.46	10.34	0.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.27	2.27	2.29	2.28	0.67	ppb
Phosphorus	31-2	-17.94	-18.26	-17.02	-17.74		ppb
Potassium	39-2	1048.55	1076.04	1079.39	1067.99	1.58	ppb
Rhodium	103-1				106		%
Rhodium	103-2				106		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	82-1	10.84	10.95	10.47	10.75	2.33	ppb
Selenium	77-2	10.96	8.81	10.28	10.02	10.95	ppb
Selenium	78-2	10.75	11.55	11.73	11.34	4.62	ppb
Silicon	28-1	2.53	2.56	1.82	2.30	18.00	ppb
Silver	107-1	2.16	2.20	2.21	2.19	1.17	ppb
Silver	109-1	2.17	2.21	2.25	2.21	1.75	ppb
Sodium	23-2	1078.15	1079.64	1101.83	1086.54	1.22	ppb
Strontium	86-1	51.69	52.64	52.33	52.22	0.93	ppb
Strontium	88-1	52.45	52.18	53.51	52.71	1.33	ppb
Sulfur	34-1	-322.84	-435.43	-396.67	-384.98		ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	2.05	2.07	2.07	2.06	0.66	ppb
Thallium	205-1	2.06	2.08	2.04	2.06	1.14	ppb
Tin	118-1	0.01	-0.01	0.00	0.00	1134.70	ppb
Titanium	47-1	10.37	10.47	10.30	10.38	0.81	ppb

LB Number :

LB133538

Operator :

Jaswal

Lab Sample ID :

PB165104BS

Instrumnet Name :

P7

Client Sample ID :

LCS104

Dilution Factor :

1

Date & Time Acquired :

2024-11-20 10:39:22

DataFile Name :

024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.93	1.95	1.93	1.94	0.60	ppb
Vanadium	51-2	10.40	10.69	10.53	10.54	1.37	ppb
Yttrium	89-1				106		%
Yttrium	89-2				105		%
Zinc	66-2	10.87	11.13	11.11	11.03	1.32	ppb
Zirconium	90-1	2.10	2.13	2.14	2.12	0.79	ppb
Zirconium	91-1	2.17	2.12	2.12	2.14	1.22	ppb

LB Number :LB133538Operator :Jaswal

Lab Sample ID :PB165107BLInstrumnet Name :P7

Client Sample ID :PBS107Dilution Factor :1

Date & Time Acquired :2024-11-20 10:42:35DataFile Name :025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.19	-0.24	-0.34	-0.26		ppb
Antimony	121-1	0.00	0.00	0.01	0.00	57.86	ppb
Arsenic	75-2	-0.01	0.01	0.00	0.00		ppb
Barium	135-1	0.00	0.01	0.00	0.01	127.91	ppb
Barium	137-1	0.01	0.01	0.00	0.00	186.21	ppb
Beryllium	9-1	0.02	0.02	0.00	0.01	94.81	ppb
Bismuth	209-1				107		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.03	0.01	0.03	0.02	52.72	ppb
Cadmium	106-1	-0.69	-1.03	-1.18	-0.97		ppb
Cadmium	111-1	-0.05	-0.07	-0.08	-0.07		ppb
Calcium	43-1	-1.55	0.59	1.28	0.11	1376.67	ppb
Calcium	44-1	-4.64	-4.08	-5.30	-4.67		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.03	-0.03	-0.04	-0.03		ppb
Cobalt	59-2	0.00	-0.01	0.00	-0.01		ppb
Copper	63-2	0.01	-0.01	0.02	0.01	168.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				106		%
Indium	115-1				105		%
Indium	115-2				107		%
Iron	56-2	-0.08	-0.02	-0.23	-0.11		ppb
Iron	57-2	-0.49	-0.49	0.29	-0.23		ppb
Iron	54-2	0.52	-0.40	-0.37	-0.08		ppb
Krypton	83-1						cps

LB Number :

LB133538

Operator :

Jaswal

Lab Sample ID :

PB165107BL

Instrumnet Name :

P7

Client Sample ID :

PBS107

Dilution Factor :

1

Date & Time Acquired :

2024-11-20 10:42:35

DataFile Name :

025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.01	0.00	-0.01	0.00		ppb
Lead	207-1	0.00	0.00	0.00	0.00	43.27	ppb
Lead	208-1	0.00	-0.01	0.00	0.00	6702.74	ppb
Lithium	6-1				96		%
Magnesium	24-2	0.13	-0.02	-0.08	0.01	1042.09	ppb
Manganese	55-2	-0.01	-0.07	-0.03	-0.04		ppb
Molybdenum	94-1	-0.01	0.00	0.00	0.00		ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	19.03	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	111.98	ppb
Molybdenum	97-1	0.00	0.01	0.00	0.00	28.75	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	34.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.03	-0.04	-0.03		ppb
Phosphorus	31-2	-18.40	-18.38	-19.74	-18.84		ppb
Potassium	39-2	2.39	1.25	1.24	1.63	40.52	ppb
Rhodium	103-1				106		%
Rhodium	103-2				106		%
Scandium	45-1				103		%
Scandium	45-2				104		%
Selenium	82-1	0.06	-0.19	-0.07	-0.07		ppb
Selenium	77-2	0.18	0.09	0.00	0.09	100.24	ppb
Selenium	78-2	0.43	0.46	0.51	0.47	8.27	ppb
Silicon	28-1	-1.77	-0.80	-1.74	-1.43		ppb
Silver	107-1	0.01	0.00	0.01	0.01	28.78	ppb
Silver	109-1	0.01	0.01	0.01	0.01	18.95	ppb
Sodium	23-2	-3.39	-4.06	-4.63	-4.03		ppb
Strontium	86-1	-0.06	-0.21	0.07	-0.07		ppb
Strontium	88-1	0.02	0.08	0.01	0.04	106.09	ppb
Sulfur	34-1	-408.05	-424.86	-463.87	-432.26		ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	0.01	0.01	0.01	0.01	16.06	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	16.20	ppb
Tin	118-1	-0.01	-0.02	0.01	-0.01		ppb
Titanium	47-1	0.03	0.00	0.00	0.01	135.84	ppb

LB Number : LB133538 Operator : Jaswal
Lab Sample ID : PB165107BL Instrumnet Name : P7
Client Sample ID : PBS107 Dilution Factor : 1
Date & Time Acquired : 2024-11-20 10:42:35 DataFile Name : 025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	56.87	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	391.85	ppb
Yttrium	89-1				106		%
Yttrium	89-2				106		%
Zinc	66-2	-0.17	-0.19	-0.45	-0.27		ppb
Zirconium	90-1	-0.01	0.00	0.00	0.00		ppb
Zirconium	91-1	-0.01	0.00	0.01	0.00	503.71	ppb

LB Number :LB133538Operator :Jaswal

Lab Sample ID :PB165107BSInstrumnet Name :P7

Client Sample ID :LCS107Dilution Factor :1

Date & Time Acquired :2024-11-20 10:45:50DataFile Name :026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38.80	39.45	38.50	38.91	1.25	ppb
Antimony	121-1	4.34	4.37	4.24	4.32	1.62	ppb
Arsenic	75-2	2.37	2.04	2.18	2.20	7.39	ppb
Barium	135-1	20.69	21.00	20.88	20.85	0.73	ppb
Barium	137-1	21.17	21.50	21.15	21.27	0.91	ppb
Beryllium	9-1	2.10	1.99	2.00	2.03	2.95	ppb
Bismuth	209-1				107		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.29	1.92	2.07	2.10	8.82	ppb
Cadmium	106-1	1.37	1.30	1.38	1.35	3.17	ppb
Cadmium	111-1	2.11	2.19	2.10	2.13	2.29	ppb
Calcium	43-1	997.45	1027.69	1048.34	1024.50	2.50	ppb
Calcium	44-1	1003.67	1030.04	1014.62	1016.11	1.30	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.41	4.36	4.41	4.39	0.67	ppb
Cobalt	59-2	2.26	2.18	2.21	2.22	1.97	ppb
Copper	63-2	4.62	4.64	4.57	4.61	0.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				107		%
Indium	115-1				106		%
Indium	115-2				106		%
Iron	56-2	452.83	449.53	448.91	450.42	0.47	ppb
Iron	57-2	451.05	451.98	442.10	448.38	1.22	ppb
Iron	54-2	452.13	448.37	448.44	449.65	0.48	ppb
Krypton	83-1						cps

LB Number :	LB133538	Operator :	Jaswal
Lab Sample ID :	PB165107BS	Instrumnet Name :	P7
Client Sample ID :	LCS107	Dilution Factor :	1
Date & Time Acquired :	2024-11-20 10:45:50	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2.15	2.15	2.10	2.13	1.39	ppb
Lead	207-1	2.13	2.12	2.12	2.12	0.41	ppb
Lead	208-1	2.11	2.13	2.11	2.12	0.41	ppb
Lithium	6-1				96		%
Magnesium	24-2	994.70	979.78	982.84	985.77	0.80	ppb
Manganese	55-2	2.10	2.16	2.05	2.10	2.70	ppb
Molybdenum	94-1	12.32	12.04	12.25	12.20	1.16	ppb
Molybdenum	95-1	10.27	10.12	10.10	10.16	0.92	ppb
Molybdenum	96-1	10.51	10.39	10.34	10.41	0.79	ppb
Molybdenum	97-1	10.39	10.31	10.24	10.31	0.69	ppb
Molybdenum	98-1	10.40	10.27	10.16	10.28	1.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.23	2.18	2.19	2.20	1.12	ppb
Phosphorus	31-2	-16.51	-19.06	-18.84	-18.14		ppb
Potassium	39-2	1083.01	1065.91	1057.76	1068.89	1.21	ppb
Rhodium	103-1				107		%
Rhodium	103-2				106		%
Scandium	45-1				104		%
Scandium	45-2				104		%
Selenium	82-1	10.45	10.77	10.37	10.53	2.03	ppb
Selenium	77-2	9.62	10.54	12.43	10.86	13.17	ppb
Selenium	78-2	11.71	10.05	11.01	10.92	7.64	ppb
Silicon	28-1	2.36	2.41	2.82	2.53	10.03	ppb
Silver	107-1	2.22	2.22	2.20	2.21	0.64	ppb
Silver	109-1	2.21	2.24	2.23	2.22	0.73	ppb
Sodium	23-2	1072.17	1079.82	1059.23	1070.41	0.97	ppb
Strontium	86-1	53.08	51.50	52.35	52.31	1.51	ppb
Strontium	88-1	52.81	51.86	52.52	52.40	0.93	ppb
Sulfur	34-1	-333.02	-390.41	-338.71	-354.04		ppb
Terbium	159-1				106		%
Terbium	159-2				106		%
Thallium	203-1	2.11	2.04	2.12	2.09	2.18	ppb
Thallium	205-1	2.08	2.06	2.07	2.07	0.51	ppb
Tin	118-1	0.01	0.02	0.01	0.01	51.46	ppb
Titanium	47-1	10.16	10.38	10.42	10.32	1.39	ppb

LB Number :

LB133538

Operator :

Jaswal

Lab Sample ID :

PB165107BS

Instrumnet Name :

P7

Client Sample ID :

LCS107

Dilution Factor :

1

Date & Time Acquired :

2024-11-20 10:45:50

DataFile Name :

026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.95	1.90	1.93	1.93	1.27	ppb
Vanadium	51-2	10.63	10.44	10.64	10.57	1.05	ppb
Yttrium	89-1				106		%
Yttrium	89-2				107		%
Zinc	66-2	10.71	10.48	10.09	10.43	3.01	ppb
Zirconium	90-1	2.13	2.09	2.10	2.11	1.02	ppb
Zirconium	91-1	2.12	2.13	2.13	2.13	0.32	ppb

LB Number :LB133538Operator :Jaswal

Lab Sample ID :P4728-16Instrumnet Name :P7

Client Sample ID :MBH9G9Dilution Factor :1

Date & Time Acquired :2024-11-20 10:49:04DataFile Name :027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.77	0.70	1.30	0.93	35.55	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	28.35	ppb
Arsenic	75-2	0.00	-0.01	0.02	0.00	423.58	ppb
Barium	135-1	-0.01	-0.01	0.00	-0.01		ppb
Barium	137-1	0.00	-0.01	-0.01	-0.01		ppb
Beryllium	9-1	0.00	0.01	0.03	0.01	119.10	ppb
Bismuth	209-1				118		%
Bismuth	209-2				113		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.00	0.00	0.02	0.01	215.46	ppb
Cadmium	106-1	-0.18	-0.83	-1.42	-0.81		ppb
Cadmium	111-1	-0.01	-0.06	-0.10	-0.06		ppb
Calcium	43-1	-79.63	-79.38	-81.59	-80.20		ppb
Calcium	44-1	-85.61	-84.56	-84.19	-84.79		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.27	-0.29	-0.28	-0.28		ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.00	0.00	0.00	0.00	324.23	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				117		%
Holmium	165-2				112		%
Indium	115-1				116		%
Indium	115-2				112		%
Iron	56-2	2.33	2.38	2.36	2.36	1.05	ppb
Iron	57-2	1.67	2.06	1.83	1.85	10.44	ppb
Iron	54-2	0.29	0.59	0.39	0.42	36.10	ppb
Krypton	83-1						cps

LB Number : LB133538 Operator : Jaswal
Lab Sample ID : P4728-16 Instrumnet Name : P7
Client Sample ID : MBH9G9 Dilution Factor : 1
Date & Time Acquired : 2024-11-20 10:49:04 DataFile Name : 027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	-0.06	-0.07	-0.06	-0.06		ppb
Lead	207-1	-0.07	-0.06	-0.06	-0.06		ppb
Lead	208-1	-0.06	-0.06	-0.06	-0.06		ppb
Lithium	6-1				106		%
Magnesium	24-2	-0.47	-0.60	-0.66	-0.58		ppb
Manganese	55-2	-0.76	-0.74	-0.81	-0.77		ppb
Molybdenum	94-1	-0.03	-0.02	-0.03	-0.03		ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	28.22	ppb
Molybdenum	96-1	0.00	-0.01	0.00	0.00		ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	145.74	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	213.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.09	-0.06	-0.06		ppb
Phosphorus	31-2	-23.11	-21.60	-18.05	-20.92		ppb
Potassium	39-2	1.50	0.73	0.53	0.92	55.92	ppb
Rhodium	103-1				117		%
Rhodium	103-2				113		%
Scandium	45-1				114		%
Scandium	45-2				110		%
Selenium	82-1	0.48	-0.02	0.14	0.20	127.28	ppb
Selenium	77-2	0.17	0.00	0.00	0.06	173.21	ppb
Selenium	78-2	0.65	-0.23	0.13	0.19	238.17	ppb
Silicon	28-1	-5.26	-4.70	-4.65	-4.87		ppb
Silver	107-1	0.01	0.00	0.00	0.00	21.30	ppb
Silver	109-1	0.01	0.00	0.00	0.00	22.47	ppb
Sodium	23-2	-19.43	-18.83	-20.29	-19.52		ppb
Strontium	86-1	-0.14	-0.10	-0.50	-0.25		ppb
Strontium	88-1	-0.08	-0.04	-0.04	-0.06		ppb
Sulfur	34-1	-645.47	-554.89	-550.22	-583.53		ppb
Terbium	159-1				116		%
Terbium	159-2				112		%
Thallium	203-1	0.01	0.00	0.00	0.00	44.28	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	11.11	ppb
Tin	118-1	-0.22	-0.22	-0.21	-0.22		ppb
Titanium	47-1	0.06	0.07	0.04	0.06	32.00	ppb

LB Number :

LB133538

Operator :

Jaswal

Lab Sample ID :

P4728-16

Instrumnet Name :

P7

Client Sample ID :

MBH9G9

Dilution Factor :

1

Date & Time Acquired :

2024-11-20 10:49:04

DataFile Name :

027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	648.93	ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	28.08	ppb
Yttrium	89-1				117		%
Yttrium	89-2				112		%
Zinc	66-2	-6.30	-6.37	-6.37	-6.34		ppb
Zirconium	90-1	-0.02	-0.02	-0.02	-0.02		ppb
Zirconium	91-1	-0.01	-0.02	-0.01	-0.01		ppb

LB Number :

LB133538

Operator :

Jaswal

Lab Sample ID :

P4750-22

Instrumnet Name :

P7

Client Sample ID :

MBH9H0

Dilution Factor :

1

Date & Time Acquired :

2024-11-20 10:52:19

DataFile Name :

028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.48	1.62	1.42	1.51	6.74	ppb
Antimony	121-1	0.01	0.00	0.01	0.00	31.01	ppb
Arsenic	75-2	0.00	0.00	0.00	0.00	107.73	ppb
Barium	135-1	0.02	0.02	0.04	0.03	41.68	ppb
Barium	137-1	0.02	0.03	0.03	0.03	18.92	ppb
Beryllium	9-1	0.00	0.00	-0.01	0.00		ppb
Bismuth	209-1				115		%
Bismuth	209-2				111		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.02	0.03	0.00	0.00	749.53	ppb
Cadmium	106-1	-0.79	-0.76	-0.91	-0.82		ppb
Cadmium	111-1	-0.05	-0.06	-0.06	-0.06		ppb
Calcium	43-1	-59.54	-58.47	-58.57	-58.86		ppb
Calcium	44-1	-65.04	-62.91	-63.48	-63.81		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.23	-0.22	-0.18	-0.21		ppb
Cobalt	59-2	-0.01	0.00	-0.01	-0.01		ppb
Copper	63-2	0.04	0.04	0.05	0.04	18.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				110		%
Indium	115-1				113		%
Indium	115-2				111		%
Iron	56-2	3.20	3.56	3.57	3.44	6.02	ppb
Iron	57-2	3.18	3.29	4.13	3.53	14.79	ppb
Iron	54-2	2.55	1.03	2.08	1.89	41.41	ppb
Krypton	83-1						cps

LB Number :	LB133538	Operator :	Jaswal
Lab Sample ID :	P4750-22	Instrumnet Name :	P7
Client Sample ID :	MBH9H0	Dilution Factor :	1
Date & Time Acquired :	2024-11-20 10:52:19	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	-0.01	0.00	0.00	0.00		ppb
Lead	207-1	0.00	-0.01	0.00	0.00		ppb
Lead	208-1	-0.01	0.00	0.00	0.00		ppb
Lithium	6-1				105		%
Magnesium	24-2	1.92	2.28	2.21	2.14	8.84	ppb
Manganese	55-2	0.13	0.12	0.20	0.15	28.40	ppb
Molybdenum	94-1	0.05	0.05	0.05	0.05	6.36	ppb
Molybdenum	95-1	0.10	0.10	0.10	0.10	3.53	ppb
Molybdenum	96-1	0.09	0.09	0.10	0.09	5.00	ppb
Molybdenum	97-1	0.10	0.12	0.09	0.10	12.33	ppb
Molybdenum	98-1	0.10	0.10	0.10	0.10	2.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.07	-0.06	-0.05	-0.06		ppb
Phosphorus	31-2	-21.71	-20.55	-19.63	-20.63		ppb
Potassium	39-2	14.80	15.91	16.45	15.72	5.35	ppb
Rhodium	103-1				113		%
Rhodium	103-2				111		%
Scandium	45-1				112		%
Scandium	45-2				108		%
Selenium	82-1	0.17	-0.14	0.05	0.03	589.03	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.15	-0.26	0.92	0.61	125.16	ppb
Silicon	28-1	-2.69	-4.15	-4.27	-3.71		ppb
Silver	107-1	0.00	0.00	0.00	0.00	9.89	ppb
Silver	109-1	0.00	0.00	0.00	0.00	25.95	ppb
Sodium	23-2	32.99	34.18	35.52	34.23	3.70	ppb
Strontium	86-1	0.17	-0.16	-0.04	-0.01		ppb
Strontium	88-1	0.04	0.09	0.10	0.08	37.93	ppb
Sulfur	34-1	-520.99	-499.70	-456.83	-492.51		ppb
Terbium	159-1				112		%
Terbium	159-2				110		%
Thallium	203-1	0.00	0.00	0.00	0.00	111.47	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	29.64	ppb
Tin	118-1	-0.17	-0.17	-0.17	-0.17		ppb
Titanium	47-1	0.08	0.13	0.09	0.10	22.45	ppb

LB Number :

LB133538

Operator :

Jaswal

Lab Sample ID :

P4750-22

Instrumnet Name :

P7

Client Sample ID :

MBH9H0

Dilution Factor :

1

Date & Time Acquired :

2024-11-20 10:52:19

DataFile Name :

028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.02	0.01	0.01	0.01	25.62	ppb
Yttrium	89-1				113		%
Yttrium	89-2				111		%
Zinc	66-2	-5.91	-5.81	-5.81	-5.84		ppb
Zirconium	90-1	-0.02	-0.02	-0.02	-0.02		ppb
Zirconium	91-1	-0.02	-0.02	-0.02	-0.02		ppb

LB Number :LB133538Operator :Jaswal

Lab Sample ID :P4806-04AInstrumnet Name :P7

Client Sample ID :MH2GT9ADilution Factor :1

Date & Time Acquired :2024-11-20 10:55:35DataFile Name :029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5582.49	5660.01	5777.28	5673.26	1.73	ppb
Antimony	121-1	5.87	5.88	5.94	5.90	0.58	ppb
Arsenic	75-2	10.79	10.86	10.46	10.70	1.97	ppb
Barium	135-1	284.68	288.86	282.13	285.22	1.19	ppb
Barium	137-1	282.58	286.51	287.45	285.51	0.91	ppb
Beryllium	9-1	0.35	0.35	0.40	0.37	7.96	ppb
Bismuth	209-1				110		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	14.23	14.71	14.38	14.44	1.71	ppb
Cadmium	106-1	13.76	13.87	13.20	13.61	2.64	ppb
Cadmium	111-1	13.85	13.97	14.13	13.98	1.02	ppb
Calcium	43-1	86174.83	86911.70	86542.31	86542.94	0.43	ppb
Calcium	44-1	85445.45	86343.92	87500.14	86429.84	1.19	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	22.43	22.37	22.69	22.50	0.76	ppb
Cobalt	59-2	4.47	4.49	4.59	4.52	1.39	ppb
Copper	63-2	5209.14	5214.73	5310.82	5244.90	1.09	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				108		%
Indium	115-1				107		%
Indium	115-2				105		%
Iron	56-2	9393.87	9318.32	9557.32	9423.17	1.30	ppb
Iron	57-2	9708.43	9649.24	10016.10	9791.26	2.01	ppb
Iron	54-2	9164.52	9259.78	9420.91	9281.74	1.40	ppb
Krypton	83-1						cps

LB Number :

LB133538

Operator :

Jaswal

Lab Sample ID :

P4806-04A

Instrumnet Name :

P7

Client Sample ID :

MH2GT9A

Dilution Factor :

1

Date & Time Acquired :

2024-11-20 10:55:35

DataFile Name :

029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1286.91	1278.61	1291.25	1285.59	0.50	ppb
Lead	207-1	1241.05	1241.66	1240.52	1241.08	0.05	ppb
Lead	208-1	1256.85	1254.84	1255.03	1255.57	0.09	ppb
Lithium	6-1				100		%
Magnesium	24-2	6268.66	6229.31	6414.60	6304.19	1.55	ppb
Manganese	55-2	894.87	913.78	932.28	913.64	2.05	ppb
Molybdenum	94-1	14.18	13.97	14.19	14.11	0.89	ppb
Molybdenum	95-1	7.14	7.06	7.14	7.11	0.65	ppb
Molybdenum	96-1	7.85	7.85	7.78	7.82	0.50	ppb
Molybdenum	97-1	7.14	7.02	7.20	7.12	1.25	ppb
Molybdenum	98-1	7.11	7.10	7.21	7.14	0.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	32.10	32.02	32.74	32.28	1.22	ppb
Phosphorus	31-2	1855.66	1856.78	1887.45	1866.63	0.97	ppb
Potassium	39-2	3599.94	3572.28	3677.85	3616.69	1.51	ppb
Rhodium	103-1				104		%
Rhodium	103-2				105		%
Scandium	45-1				105		%
Scandium	45-2				101		%
Selenium	82-1	5.36	5.13	5.14	5.21	2.55	ppb
Selenium	77-2	12.16	12.28	11.90	12.12	1.60	ppb
Selenium	78-2	6.82	7.87	6.99	7.23	7.79	ppb
Silicon	28-1	1172.05	1198.49	1204.35	1191.63	1.44	ppb
Silver	107-1	2.47	2.54	2.55	2.52	1.65	ppb
Silver	109-1	2.53	2.52	2.55	2.53	0.56	ppb
Sodium	23-2	23986.53	24192.08	24632.13	24270.25	1.36	ppb
Strontium	86-1	13900.51	13723.72	13763.30	13795.84	0.67	ppb
Strontium	88-1	13801.44	13831.88	13857.59	13830.30	0.20	ppb
Sulfur	34-1	34699.36	35323.02	35168.98	35063.79	0.93	ppb
Terbium	159-1				110		%
Terbium	159-2				107		%
Thallium	203-1	0.16	0.16	0.16	0.16	1.78	ppb
Thallium	205-1	0.16	0.16	0.16	0.16	0.56	ppb
Tin	118-1	44.22	44.18	44.15	44.19	0.08	ppb
Titanium	47-1	148.34	149.07	151.39	149.60	1.07	ppb

LB Number :

LB133538

Operator :

Jaswal

Lab Sample ID :

P4806-04A

Instrumnet Name :

P7

Client Sample ID :

MH2GT9A

Dilution Factor :

1

Date & Time Acquired :

2024-11-20 10:55:35

DataFile Name :

029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	2.45	2.46	2.48	2.46	0.49	ppb
Vanadium	51-2	31.95	31.95	32.58	32.16	1.13	ppb
Yttrium	89-1				110		%
Yttrium	89-2				107		%
Zinc	66-2	4255.58	4359.59	4446.16	4353.78	2.19	ppb
Zirconium	90-1	4.68	4.63	4.73	4.68	1.15	ppb
Zirconium	91-1	4.69	4.57	4.70	4.65	1.63	ppb

LB Number :

LB133538

Operator :

Jaswal

Lab Sample ID :

P4831-01

Instrumnet Name :

P7

Client Sample ID :

E29S4

Dilution Factor :

1

Date & Time Acquired :

2024-11-20 10:58:29

DataFile Name :

030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.73	5.91	6.26	5.97	4.54	ppb
Antimony	121-1	0.21	0.22	0.22	0.22	3.10	ppb
Arsenic	75-2	2.96	3.06	2.96	2.99	1.97	ppb
Barium	135-1	68.39	69.51	68.35	68.75	0.96	ppb
Barium	137-1	68.60	69.83	69.33	69.25	0.90	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	20.61	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.09	0.06	0.09	0.08	22.77	ppb
Cadmium	106-1	-0.47	-1.18	-1.79	-1.15		ppb
Cadmium	111-1	0.00	-0.05	-0.09	-0.05		ppb
Calcium	43-1	102206.67	100888.27	103233.77	102109.57	1.15	ppb
Calcium	44-1	101262.38	100706.63	102332.91	101433.98	0.81	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.16	0.13	0.15	0.15	8.78	ppb
Cobalt	59-2	0.11	0.11	0.12	0.12	5.42	ppb
Copper	63-2	0.86	0.84	0.78	0.83	5.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				107		%
Indium	115-1				103		%
Indium	115-2				104		%
Iron	56-2	7.85	7.70	7.48	7.68	2.45	ppb
Iron	57-2	478.13	491.82	488.04	486.00	1.45	ppb
Iron	54-2	7.44	7.86	6.61	7.30	8.68	ppb
Krypton	83-1						cps

LB Number : LB133538 Operator : Jaswal
Lab Sample ID : P4831-01 Instrumnet Name : P7
Client Sample ID : E29S4 Dilution Factor : 1
Date & Time Acquired : 2024-11-20 10:58:29 DataFile Name : 030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.23	0.15	0.11	0.16	37.18	ppb
Lead	207-1	0.21	0.14	0.09	0.15	42.12	ppb
Lead	208-1	0.22	0.14	0.09	0.15	41.64	ppb
Lithium	6-1				95		%
Magnesium	24-2	31469.70	31332.31	31274.02	31358.68	0.32	ppb
Manganese	55-2	1.67	1.69	1.67	1.68	0.59	ppb
Molybdenum	94-1	4.29	4.47	4.39	4.38	2.07	ppb
Molybdenum	95-1	5.25	5.39	5.41	5.35	1.62	ppb
Molybdenum	96-1	5.12	5.26	5.21	5.20	1.37	ppb
Molybdenum	97-1	5.26	5.33	5.38	5.32	1.11	ppb
Molybdenum	98-1	5.34	5.41	5.43	5.39	0.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.59	0.59	0.62	0.60	2.92	ppb
Phosphorus	31-2	814.71	840.41	828.67	827.93	1.55	ppb
Potassium	39-2	5526.44	5461.35	5486.31	5491.37	0.60	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				102		%
Selenium	82-1	2.36	2.70	2.10	2.39	12.73	ppb
Selenium	77-2	2.70	2.07	2.27	2.35	13.60	ppb
Selenium	78-2	3.25	3.13	3.12	3.17	2.29	ppb
Silicon	28-1	1413.41	1412.32	1418.24	1414.66	0.22	ppb
Silver	107-1	0.01	0.01	0.01	0.01	5.66	ppb
Silver	109-1	0.01	0.01	0.00	0.01	20.38	ppb
Sodium	23-2	80963.23	83111.62	82536.11	82203.65	1.35	ppb
Strontium	86-1	5396.72	5434.40	5432.38	5421.17	0.39	ppb
Strontium	88-1	5291.00	5416.34	5442.51	5383.28	1.50	ppb
Sulfur	34-1	13328.31	12919.21	13001.83	13083.12	1.65	ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	0.06	0.05	0.05	0.05	5.56	ppb
Thallium	205-1	0.06	0.06	0.05	0.06	8.46	ppb
Tin	118-1	-0.10	-0.08	-0.10	-0.09		ppb
Titanium	47-1	0.57	0.55	0.53	0.55	3.33	ppb

LB Number :

LB133538

Operator :

Jaswal

Lab Sample ID :

P4831-01

Instrumnet Name :

P7

Client Sample ID :

E29S4

Dilution Factor :

1

Date & Time Acquired :

2024-11-20 10:58:29

DataFile Name :

030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.76	0.78	0.77	0.77	1.45	ppb
Vanadium	51-2	0.72	0.69	0.72	0.71	2.61	ppb
Yttrium	89-1				104		%
Yttrium	89-2				105		%
Zinc	66-2	-2.30	-2.49	-2.30	-2.36		ppb
Zirconium	90-1	0.02	0.03	0.03	0.03	17.69	ppb
Zirconium	91-1	0.03	0.03	0.02	0.03	15.92	ppb

LB Number :LB133538Operator :Jaswal

Lab Sample ID :P4831-02Instrumnet Name :P7

Client Sample ID :E29S4DDilution Factor :1

Date & Time Acquired :2024-11-20 11:01:41DataFile Name :031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.34	6.98	6.24	6.52	6.20	ppb
Antimony	121-1	0.23	0.22	0.23	0.23	1.65	ppb
Arsenic	75-2	3.13	3.07	2.91	3.04	3.74	ppb
Barium	135-1	71.17	71.01	71.15	71.11	0.12	ppb
Barium	137-1	72.15	70.77	72.27	71.73	1.16	ppb
Beryllium	9-1	0.02	0.02	0.00	0.01	75.65	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.12	0.09	0.05	0.09	37.84	ppb
Cadmium	106-1	-0.75	-1.44	-1.49	-1.22		ppb
Cadmium	111-1	-0.03	-0.08	-0.07	-0.06		ppb
Calcium	43-1	107895.74	102807.11	102660.29	104454.38	2.85	ppb
Calcium	44-1	106933.99	102685.14	103173.75	104264.29	2.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.36	0.35	0.34	0.35	2.47	ppb
Cobalt	59-2	0.12	0.12	0.12	0.12	2.13	ppb
Copper	63-2	0.84	0.86	0.81	0.84	2.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	56-2	8.19	10.03	7.45	8.56	15.49	ppb
Iron	57-2	504.71	506.55	486.70	499.32	2.20	ppb
Iron	54-2	7.96	7.95	6.43	7.45	11.83	ppb
Krypton	83-1						cps

LB Number :

LB133538

Operator :

Jaswal

Lab Sample ID :

P4831-02

Instrumnet Name :

P7

Client Sample ID :

E29S4D

Dilution Factor :

1

Date & Time Acquired :

2024-11-20 11:01:41

DataFile Name :

031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.06	0.05	0.04	0.05	15.08	ppb
Lead	207-1	0.04	0.05	0.05	0.05	9.90	ppb
Lead	208-1	0.05	0.05	0.05	0.05	1.41	ppb
Lithium	6-1				94		%
Magnesium	24-2	33200.08	32623.23	31157.86	32327.06	3.26	ppb
Manganese	55-2	46.45	45.99	44.05	45.49	2.80	ppb
Molybdenum	94-1	4.56	4.47	4.63	4.55	1.75	ppb
Molybdenum	95-1	5.54	5.52	5.51	5.52	0.31	ppb
Molybdenum	96-1	5.35	5.28	5.40	5.34	1.18	ppb
Molybdenum	97-1	5.62	5.42	5.48	5.51	1.88	ppb
Molybdenum	98-1	5.65	5.49	5.55	5.57	1.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.75	0.70	0.71	0.72	3.69	ppb
Phosphorus	31-2	875.81	872.79	835.88	861.50	2.58	ppb
Potassium	39-2	5867.64	5739.79	5510.46	5705.96	3.17	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	82-1	2.63	2.48	2.61	2.57	3.27	ppb
Selenium	77-2	2.45	2.93	2.24	2.54	14.01	ppb
Selenium	78-2	3.47	4.26	3.21	3.65	15.02	ppb
Silicon	28-1	1486.66	1433.78	1424.30	1448.24	2.32	ppb
Silver	107-1	0.00	0.00	0.00	0.00	14.46	ppb
Silver	109-1	0.00	0.00	0.00	0.00	44.61	ppb
Sodium	23-2	86900.08	86165.48	84249.39	85771.65	1.60	ppb
Strontium	86-1	5610.17	5541.07	5517.75	5556.33	0.87	ppb
Strontium	88-1	5654.94	5503.06	5532.01	5563.34	1.45	ppb
Sulfur	34-1	14142.10	13310.62	13413.39	13622.03	3.33	ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	0.05	0.05	0.05	0.05	1.95	ppb
Thallium	205-1	0.05	0.05	0.05	0.05	4.49	ppb
Tin	118-1	0.08	0.08	0.11	0.09	16.62	ppb
Titanium	47-1	0.61	0.55	0.52	0.56	8.46	ppb

LB Number :

LB133538

Operator :

Jaswal

Lab Sample ID :

P4831-02

Instrumnet Name :

P7

Client Sample ID :

E29S4D

Dilution Factor :

1

Date & Time Acquired :

2024-11-20 11:01:41

DataFile Name :

031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.80	0.77	0.79	0.79	1.93	ppb
Vanadium	51-2	0.72	0.72	0.69	0.71	2.25	ppb
Yttrium	89-1				105		%
Yttrium	89-2				103		%
Zinc	66-2	-1.61	-1.74	-2.22	-1.86		ppb
Zirconium	90-1	0.02	0.03	0.02	0.02	18.98	ppb
Zirconium	91-1	0.02	0.01	0.04	0.02	51.84	ppb

LB Number :

LB133538

Operator :

Jaswal

Lab Sample ID :

P4831-01LX5

Instrumnet Name :

P7

Client Sample ID :

E29S4L

Dilution Factor :

5

Date & Time Acquired :

2024-11-20 11:04:50

DataFile Name :

032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.03	1.05	1.07	1.05	1.75	ppb
Antimony	121-1	0.04	0.04	0.04	0.04	3.94	ppb
Arsenic	75-2	0.51	0.54	0.58	0.54	6.67	ppb
Barium	135-1	12.84	13.13	13.12	13.03	1.27	ppb
Barium	137-1	13.17	13.43	13.28	13.29	0.97	ppb
Beryllium	9-1	0.02	0.00	0.01	0.01	104.73	ppb
Bismuth	209-1				106		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.00	0.07	0.06	0.04	82.26	ppb
Cadmium	106-1	-0.51	-1.02	-1.66	-1.06		ppb
Cadmium	111-1	-0.03	-0.07	-0.12	-0.07		ppb
Calcium	43-1	19026.95	19238.51	19530.97	19265.48	1.31	ppb
Calcium	44-1	18737.33	19181.89	19371.59	19096.94	1.70	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	0.05	0.03	0.03	43.85	ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	24.39	ppb
Copper	63-2	0.16	0.16	0.16	0.16	1.74	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				107		%
Holmium	165-2				107		%
Indium	115-1				103		%
Indium	115-2				106		%
Iron	56-2	1.75	1.56	1.69	1.67	5.68	ppb
Iron	57-2	87.46	85.80	90.01	87.76	2.41	ppb
Iron	54-2	1.42	1.80	1.35	1.53	15.61	ppb
Krypton	83-1						cps

LB Number : LB133538 Operator : Jaswal
Lab Sample ID : P4831-01LX5 Instrumnet Name : P7
Client Sample ID : E29S4L Dilution Factor : 5
Date & Time Acquired : 2024-11-20 11:04:50 DataFile Name : 032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.01	0.01	0.00	0.01	180.21	ppb
Lead	207-1	0.01	0.00	0.00	0.00	197.60	ppb
Lead	208-1	0.01	0.01	0.00	0.00	155.23	ppb
Lithium	6-1				97		%
Magnesium	24-2	5823.40	5788.30	5846.22	5819.31	0.50	ppb
Manganese	55-2	0.39	0.41	0.42	0.41	3.02	ppb
Molybdenum	94-1	0.83	0.82	0.84	0.83	0.91	ppb
Molybdenum	95-1	0.99	0.99	0.98	0.98	0.72	ppb
Molybdenum	96-1	0.97	0.97	0.97	0.97	0.11	ppb
Molybdenum	97-1	0.98	0.98	1.01	0.99	2.14	ppb
Molybdenum	98-1	1.00	1.02	1.00	1.01	0.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.09	0.08	0.09	0.09	5.26	ppb
Phosphorus	31-2	136.62	135.76	148.30	140.23	4.99	ppb
Potassium	39-2	1044.18	1025.82	1050.82	1040.27	1.24	ppb
Rhodium	103-1				103		%
Rhodium	103-2				105		%
Scandium	45-1				101		%
Scandium	45-2				103		%
Selenium	82-1	0.62	0.37	0.26	0.42	44.98	ppb
Selenium	77-2	0.80	0.36	0.45	0.54	43.72	ppb
Selenium	78-2	0.38	1.08	1.22	0.89	50.21	ppb
Silicon	28-1	263.35	270.65	268.89	267.63	1.42	ppb
Silver	107-1	0.00	0.00	0.00	0.00	74.90	ppb
Silver	109-1	0.00	0.00	0.00	0.00	59.20	ppb
Sodium	23-2	15614.95	15285.72	15568.79	15489.82	1.15	ppb
Strontium	86-1	990.21	993.23	983.00	988.81	0.53	ppb
Strontium	88-1	1021.79	1028.23	1017.06	1022.36	0.55	ppb
Sulfur	34-1	1792.48	1834.37	1862.65	1829.83	1.93	ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	0.01	0.02	0.01	0.01	10.64	ppb
Thallium	205-1	0.01	0.02	0.02	0.02	12.89	ppb
Tin	118-1	0.00	-0.03	-0.01	-0.01		ppb
Titanium	47-1	0.11	0.11	0.14	0.12	15.69	ppb

LB Number :

LB133538

Operator :

Jaswal

Lab Sample ID :

P4831-01LX5

Instrumnet Name :

P7

Client Sample ID :

E29S4L

Dilution Factor :

5

Date & Time Acquired :

2024-11-20 11:04:50

DataFile Name :

032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.14	0.14	0.14	0.14	1.60	ppb
Vanadium	51-2	0.13	0.13	0.14	0.13	4.96	ppb
Yttrium	89-1				104		%
Yttrium	89-2				106		%
Zinc	66-2	-0.26	-0.51	-0.19	-0.32		ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb
Zirconium	91-1	0.00	0.00	0.00	0.00		ppb

LB Number :

LB133538

Operator :

Jaswal

Lab Sample ID :

P4831-04

Instrumnet Name :

P7

Client Sample ID :

E29T2

Dilution Factor :

1

Date & Time Acquired :

2024-11-20 11:10:53

DataFile Name :

034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33.33	34.58	34.94	34.28	2.46	ppb
Antimony	121-1	0.11	0.10	0.10	0.10	7.73	ppb
Arsenic	75-2	0.37	0.44	0.46	0.42	11.58	ppb
Barium	135-1	118.29	121.14	120.16	119.86	1.21	ppb
Barium	137-1	119.59	122.63	120.93	121.05	1.26	ppb
Beryllium	9-1	0.03	0.02	0.03	0.02	24.95	ppb
Bismuth	209-1				112		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.04	0.05	0.07	0.05	33.35	ppb
Cadmium	106-1	-0.58	-0.72	-1.18	-0.83		ppb
Cadmium	111-1	0.00	-0.01	-0.05	-0.02		ppb
Calcium	43-1	96345.39	98703.97	99041.68	98030.35	1.50	ppb
Calcium	44-1	97462.28	98525.00	98707.64	98231.64	0.68	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.05	0.03	0.05	0.04	21.11	ppb
Cobalt	59-2	2.08	2.15	2.12	2.12	1.66	ppb
Copper	63-2	0.75	0.78	0.78	0.77	2.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				110		%
Indium	115-1				109		%
Indium	115-2				106		%
Iron	56-2	130.29	132.99	129.39	130.89	1.43	ppb
Iron	57-2	572.75	594.45	587.32	584.84	1.89	ppb
Iron	54-2	130.09	133.29	127.84	130.41	2.10	ppb
Krypton	83-1						cps

LB Number : LB133538 Operator : Jaswal
Lab Sample ID : P4831-04 Instrumnet Name : P7
Client Sample ID : E29T2 Dilution Factor : 1
Date & Time Acquired : 2024-11-20 11:10:53 DataFile Name : 034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.19	0.17	0.17	0.18	6.10	ppb
Lead	207-1	0.16	0.17	0.16	0.16	3.34	ppb
Lead	208-1	0.17	0.17	0.16	0.17	2.82	ppb
Lithium	6-1				99		%
Magnesium	24-2	29766.38	29859.68	29466.96	29697.68	0.69	ppb
Manganese	55-2	744.71	767.19	744.43	752.11	1.74	ppb
Molybdenum	94-1	3.40	3.42	3.39	3.40	0.46	ppb
Molybdenum	95-1	4.04	4.08	4.07	4.06	0.54	ppb
Molybdenum	96-1	3.85	3.96	3.94	3.92	1.55	ppb
Molybdenum	97-1	3.98	4.09	4.11	4.06	1.72	ppb
Molybdenum	98-1	4.04	4.05	4.16	4.08	1.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.13	3.26	3.22	3.20	2.13	ppb
Phosphorus	31-2	-7.38	-4.62	-8.55	-6.85		ppb
Potassium	39-2	6644.53	6885.05	6725.76	6751.78	1.81	ppb
Rhodium	103-1				106		%
Rhodium	103-2				105		%
Scandium	45-1				106		%
Scandium	45-2				104		%
Selenium	82-1	0.58	0.86	0.28	0.57	50.68	ppb
Selenium	77-2	0.53	0.43	0.18	0.38	47.64	ppb
Selenium	78-2	-0.06	0.49	1.06	0.50	111.89	ppb
Silicon	28-1	1304.69	1325.68	1317.29	1315.88	0.80	ppb
Silver	107-1	0.03	0.02	0.02	0.02	19.64	ppb
Silver	109-1	0.03	0.02	0.02	0.03	15.79	ppb
Sodium	23-2	49024.77	49607.52	48496.35	49042.88	1.13	ppb
Strontium	86-1	3333.72	3351.07	3386.77	3357.19	0.81	ppb
Strontium	88-1	3429.35	3446.68	3477.66	3451.23	0.71	ppb
Sulfur	34-1	12524.20	12721.81	12739.27	12661.76	0.94	ppb
Terbium	159-1				112		%
Terbium	159-2				108		%
Thallium	203-1	0.11	0.11	0.10	0.11	3.51	ppb
Thallium	205-1	0.11	0.11	0.10	0.10	4.12	ppb
Tin	118-1	-0.03	-0.03	-0.04	-0.03		ppb
Titanium	47-1	1.06	1.17	1.05	1.09	5.95	ppb

LB Number :

LB133538

Operator :

Jaswal

Lab Sample ID :

P4831-04

Instrumnet Name :

P7

Client Sample ID :

E29T2

Dilution Factor :

1

Date & Time Acquired :

2024-11-20 11:10:53

DataFile Name :

034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.84	0.85	0.86	0.85	0.76	ppb
Vanadium	51-2	0.20	0.20	0.18	0.19	5.92	ppb
Yttrium	89-1				109		%
Yttrium	89-2				108		%
Zinc	66-2	-1.75	-1.97	-1.69	-1.80		ppb
Zirconium	90-1	0.04	0.04	0.04	0.04	7.69	ppb
Zirconium	91-1	0.04	0.05	0.05	0.05	16.58	ppb

LB Number :

LB133538

Operator :

Jaswal

Lab Sample ID :

P4831-05

Instrumnet Name :

P7

Client Sample ID :

E29T4

Dilution Factor :

1

Date & Time Acquired :

2024-11-20 11:14:04

DataFile Name :

035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.71	4.80	4.48	4.66	3.45	ppb
Antimony	121-1	0.02	0.02	0.02	0.02	15.47	ppb
Arsenic	75-2	2.93	3.25	2.94	3.04	5.96	ppb
Barium	135-1	109.28	110.73	108.23	109.41	1.15	ppb
Barium	137-1	110.76	112.05	110.32	111.04	0.81	ppb
Beryllium	9-1	0.02	0.02	0.03	0.02	28.37	ppb
Bismuth	209-1				109		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.02	0.05	0.01	0.03	72.15	ppb
Cadmium	106-1	-0.53	-1.05	-1.20	-0.92		ppb
Cadmium	111-1	-0.03	-0.07	-0.08	-0.06		ppb
Calcium	43-1	125173.07	126609.30	127822.32	126534.90	1.05	ppb
Calcium	44-1	124895.95	125154.33	127070.53	125706.93	0.95	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.05	-0.06	-0.08	-0.06		ppb
Cobalt	59-2	0.30	0.29	0.29	0.29	1.28	ppb
Copper	63-2	0.19	0.21	0.20	0.20	4.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				109		%
Indium	115-1				107		%
Indium	115-2				105		%
Iron	56-2	1853.36	1888.57	1841.13	1861.02	1.32	ppb
Iron	57-2	2408.19	2457.61	2423.64	2429.82	1.04	ppb
Iron	54-2	1849.65	1856.02	1827.63	1844.43	0.81	ppb
Krypton	83-1						cps

LB Number : LB133538 Operator : Jaswal
Lab Sample ID : P4831-05 Instrumnet Name : P7
Client Sample ID : E29T4 Dilution Factor : 1
Date & Time Acquired : 2024-11-20 11:14:04 DataFile Name : 035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.24	0.22	0.21	0.22	6.85	ppb
Lead	207-1	0.23	0.21	0.20	0.21	8.21	ppb
Lead	208-1	0.22	0.21	0.21	0.21	2.87	ppb
Lithium	6-1				100		%
Magnesium	24-2	51365.85	52393.05	50946.13	51568.34	1.44	ppb
Manganese	55-2	104.71	104.22	103.29	104.07	0.70	ppb
Molybdenum	94-1	3.13	3.05	3.13	3.10	1.56	ppb
Molybdenum	95-1	3.23	3.27	3.29	3.26	0.87	ppb
Molybdenum	96-1	3.29	3.29	3.27	3.29	0.33	ppb
Molybdenum	97-1	3.30	3.28	3.26	3.28	0.71	ppb
Molybdenum	98-1	3.29	3.28	3.33	3.30	0.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.22	3.28	3.26	3.25	0.99	ppb
Phosphorus	31-2	-12.74	-11.10	-14.24	-12.69		ppb
Potassium	39-2	2656.83	2702.56	2639.02	2666.14	1.23	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				105		%
Scandium	45-2				103		%
Selenium	82-1	0.35	0.46	0.21	0.34	36.71	ppb
Selenium	77-2	0.09	0.00	0.00	0.03	173.21	ppb
Selenium	78-2	-0.10	0.19	0.40	0.16	156.34	ppb
Silicon	28-1	1742.46	1728.77	1723.57	1731.60	0.56	ppb
Silver	107-1	0.01	0.01	0.01	0.01	23.79	ppb
Silver	109-1	0.01	0.01	0.01	0.01	1.20	ppb
Sodium	23-2	63278.36	64957.03	63537.53	63924.31	1.41	ppb
Strontium	86-1	3276.45	3260.02	3269.38	3268.62	0.25	ppb
Strontium	88-1	3368.97	3348.16	3394.23	3370.45	0.68	ppb
Sulfur	34-1	22419.20	22644.75	22341.14	22468.36	0.70	ppb
Terbium	159-1				111		%
Terbium	159-2				107		%
Thallium	203-1	0.03	0.03	0.03	0.03	8.20	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	7.84	ppb
Tin	118-1	0.05	0.05	0.06	0.05	7.32	ppb
Titanium	47-1	0.39	0.40	0.37	0.39	3.82	ppb

LB Number :LB133538

Operator :Jaswal

Lab Sample ID :P4831-05

Instrumnet Name :P7

Client Sample ID :E29T4

Dilution Factor :1

Date & Time Acquired :2024-11-20 11:14:04

DataFile Name :035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.30	1.27	1.27	1.28	1.33	ppb
Vanadium	51-2	0.04	0.03	0.03	0.03	13.44	ppb
Yttrium	89-1				108		%
Yttrium	89-2				107		%
Zinc	66-2	-2.49	-2.31	-2.41	-2.40		ppb
Zirconium	90-1	0.24	0.22	0.23	0.23	2.63	ppb
Zirconium	91-1	0.24	0.24	0.25	0.24	3.61	ppb

LB Number :

LB133538

Operator :

Jaswal

Lab Sample ID :

P4831-06

Instrumnet Name :

P7

Client Sample ID :

E29W0

Dilution Factor :

1

Date & Time Acquired :

2024-11-20 11:17:12

DataFile Name :

036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.34	0.63	0.71	0.56	34.84	ppb
Antimony	121-1	0.00	0.01	0.00	0.00	94.28	ppb
Arsenic	75-2	0.00	0.00	0.00	0.00		ppb
Barium	135-1	0.02	0.23	0.00	0.08	150.92	ppb
Barium	137-1	0.03	0.10	0.00	0.04	118.42	ppb
Beryllium	9-1	0.01	0.01	0.00	0.00	176.83	ppb
Bismuth	209-1				114		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.01	0.01	0.02	0.01	54.22	ppb
Cadmium	106-1	-0.10	-0.89	-1.36	-0.78		ppb
Cadmium	111-1	0.00	-0.05	-0.10	-0.05		ppb
Calcium	43-1	5.49	-1.35	-14.70	-3.52		ppb
Calcium	44-1	1.21	-4.61	-13.34	-5.58		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.15	-0.14	-0.13	-0.14		ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.14	0.12	0.13	0.13	10.18	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				112		%
Holmium	165-2				107		%
Indium	115-1				108		%
Indium	115-2				104		%
Iron	56-2	0.56	0.52	0.86	0.65	28.68	ppb
Iron	57-2	-0.02	0.06	0.60	0.21	158.55	ppb
Iron	54-2	-0.91	-0.38	0.19	-0.37		ppb
Krypton	83-1						cps

LB Number : LB133538 Operator : Jaswal
Lab Sample ID : P4831-06 Instrumnet Name : P7
Client Sample ID : E29W0 Dilution Factor : 1
Date & Time Acquired : 2024-11-20 11:17:12 DataFile Name : 036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.00	0.00	0.00	0.00		ppb
Lead	207-1	-0.01	0.00	0.00	-0.01		ppb
Lead	208-1	0.00	0.00	0.00	0.00		ppb
Lithium	6-1				102		%
Magnesium	24-2	2.75	2.30	2.49	2.51	8.90	ppb
Manganese	55-2	0.45	0.42	0.56	0.48	15.90	ppb
Molybdenum	94-1	-0.03	-0.03	-0.04	-0.03		ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	96-1	-0.01	0.00	0.00	0.00		ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.06	-0.06	-0.07	-0.06		ppb
Phosphorus	31-2	-17.27	-19.20	-16.31	-17.60		ppb
Potassium	39-2	6.73	5.26	11.03	7.67	39.05	ppb
Rhodium	103-1				107		%
Rhodium	103-2				105		%
Scandium	45-1				104		%
Scandium	45-2				99		%
Selenium	82-1	0.23	-0.18	-0.07	-0.01		ppb
Selenium	77-2	0.09	0.00	0.00	0.03	173.21	ppb
Selenium	78-2	0.68	0.81	0.29	0.59	45.13	ppb
Silicon	28-1	-3.77	-3.96	-4.02	-3.92		ppb
Silver	107-1	0.00	0.01	0.00	0.00	32.48	ppb
Silver	109-1	0.00	0.01	0.00	0.01	59.44	ppb
Sodium	23-2	14.98	12.83	17.76	15.19	16.29	ppb
Strontium	86-1	0.29	0.14	0.10	0.18	57.93	ppb
Strontium	88-1	0.56	0.25	0.15	0.32	65.26	ppb
Sulfur	34-1	-161.71	-176.80	-186.65	-175.05		ppb
Terbium	159-1				110		%
Terbium	159-2				105		%
Thallium	203-1	0.01	0.01	0.01	0.01	29.69	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	12.31	ppb
Tin	118-1	-0.10	-0.10	-0.11	-0.11		ppb
Titanium	47-1	0.01	0.01	0.00	0.01	52.95	ppb

LB Number :

LB133538

Operator :

Jaswal

Lab Sample ID :

P4831-06

Instrumnet Name :

P7

Client Sample ID :

E29W0

Dilution Factor :

1

Date & Time Acquired :

2024-11-20 11:17:12

DataFile Name :

036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	38.76	ppb
Vanadium	51-2	0.01	0.00	0.01	0.01	38.97	ppb
Yttrium	89-1				107		%
Yttrium	89-2				104		%
Zinc	66-2	-1.04	-1.27	-0.58	-0.96		ppb
Zirconium	90-1	-0.02	-0.02	-0.02	-0.02		ppb
Zirconium	91-1	-0.02	-0.02	-0.02	-0.02		ppb

LB Number :LB133538Operator :Jaswal

Lab Sample ID :P4831-07Instrumnet Name :P7

Client Sample ID :E29W4Dilution Factor :1

Date & Time Acquired :2024-11-20 11:20:29DataFile Name :037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.35	1.46	1.28	1.36	6.63	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	20.24	ppb
Arsenic	75-2	0.01	0.00	0.00	0.00	147.03	ppb
Barium	135-1	0.02	0.02	0.01	0.02	7.98	ppb
Barium	137-1	0.01	0.02	0.01	0.01	19.79	ppb
Beryllium	9-1	0.02	0.00	0.01	0.01	56.40	ppb
Bismuth	209-1				108		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.01	0.00	0.04	0.01	248.45	ppb
Cadmium	106-1	-0.61	-0.86	-1.08	-0.85		ppb
Cadmium	111-1	-0.04	-0.06	-0.08	-0.06		ppb
Calcium	43-1	-0.90	-3.07	-9.19	-4.39		ppb
Calcium	44-1	-3.55	-3.09	-3.91	-3.52		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.22	0.18	0.21	0.21	9.58	ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.06	0.08	0.07	0.07	9.48	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				106		%
Holmium	165-2				105		%
Indium	115-1				102		%
Indium	115-2				103		%
Iron	56-2	1.30	1.24	1.23	1.25	2.99	ppb
Iron	57-2	1.15	0.97	0.99	1.04	9.78	ppb
Iron	54-2	1.64	0.90	1.42	1.32	29.02	ppb
Krypton	83-1						cps

LB Number :LB133538Operator :Jaswal

Lab Sample ID :P4831-07Instrumnet Name :P7

Client Sample ID :E29W4Dilution Factor :1

Date & Time Acquired :2024-11-20 11:20:29DataFile Name :037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.01	0.01	0.01	0.01	15.44	ppb
Lead	207-1	0.02	0.01	0.02	0.02	35.43	ppb
Lead	208-1	0.01	0.01	0.02	0.01	23.64	ppb
Lithium	6-1				101		%
Magnesium	24-2	0.62	0.56	0.32	0.50	31.95	ppb
Manganese	55-2	0.86	0.88	0.83	0.86	2.80	ppb
Molybdenum	94-1	0.06	0.05	0.06	0.06	8.76	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	281.92	ppb
Molybdenum	96-1	0.01	0.00	0.01	0.01	26.77	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	3.64	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	132.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.06	0.06	0.06	0.06	4.85	ppb
Phosphorus	31-2	-14.35	-17.41	-17.74	-16.50		ppb
Potassium	39-2	8.02	6.59	6.13	6.91	14.29	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	82-1	0.21	-0.04	-0.08	0.03	526.35	ppb
Selenium	77-2	0.00	0.09	0.00	0.03	173.21	ppb
Selenium	78-2	-0.29	0.35	0.09	0.05	668.80	ppb
Silicon	28-1	-2.50	-2.37	-2.47	-2.45		ppb
Silver	107-1	0.00	0.00	0.00	0.00	28.60	ppb
Silver	109-1	0.00	0.00	0.00	0.00	15.76	ppb
Sodium	23-2	13.16	12.48	11.98	12.54	4.73	ppb
Strontium	86-1	0.43	0.41	0.00	0.28	87.49	ppb
Strontium	88-1	0.25	0.15	0.20	0.20	24.74	ppb
Sulfur	34-1	-0.69	-77.59	-117.13	-65.14		ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	0.01	0.00	0.01	0.01	31.03	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	26.93	ppb
Tin	118-1	-0.01	-0.01	-0.01	-0.01		ppb
Titanium	47-1	0.00	0.01	0.02	0.01	72.82	ppb

LB Number :

LB133538

Operator :

Jaswal

Lab Sample ID :

P4831-07

Instrumnet Name :

P7

Client Sample ID :

E29W4

Dilution Factor :

1

Date & Time Acquired :

2024-11-20 11:20:29

DataFile Name :

037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	47.71	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	5.51	ppb
Yttrium	89-1				101		%
Yttrium	89-2				102		%
Zinc	66-2	0.10	0.07	0.05	0.07	31.22	ppb
Zirconium	90-1	0.03	0.03	0.03	0.03	7.12	ppb
Zirconium	91-1	0.02	0.04	0.03	0.03	20.41	ppb

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

LB133538
P4831-08
E29W1
2024-11-20 11:23:43

Operator :
Instrumnet Name :
Dilution Factor :
DataFile Name :

Jaswal
P7
1
038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.81	4.47	4.77	4.68	4.07	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	18.97	ppb
Arsenic	75-2	-0.01	0.00	0.00	0.00		ppb
Barium	135-1	0.01	0.00	-0.01	0.00		ppb
Barium	137-1	0.00	0.00	-0.01	0.00		ppb
Beryllium	9-1	0.01	0.02	0.01	0.01	39.12	ppb
Bismuth	209-1				111		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.01	0.01	0.01	0.01	160.69	ppb
Cadmium	106-1	-1.26	-1.06	-1.43	-1.25		ppb
Cadmium	111-1	-0.09	-0.07	-0.10	-0.09		ppb
Calcium	43-1	-21.50	-20.77	-14.57	-18.95		ppb
Calcium	44-1	-22.13	-21.84	-20.59	-21.52		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.13	-0.12	-0.13	-0.13		ppb
Cobalt	59-2	0.01	0.02	0.01	0.01	39.13	ppb
Copper	63-2	0.07	0.05	0.05	0.06	19.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				107		%
Indium	115-1				105		%
Indium	115-2				104		%
Iron	56-2	-0.01	-0.06	-0.11	-0.06		ppb
Iron	57-2	-0.77	-0.74	-0.79	-0.77		ppb
Iron	54-2	-0.84	-1.22	-1.41	-1.16		ppb
Krypton	83-1						cps

LB Number : LB133538 Operator : Jaswal
Lab Sample ID : P4831-08 Instrumnet Name : P7
Client Sample ID : E29W1 Dilution Factor : 1
Date & Time Acquired : 2024-11-20 11:23:43 DataFile Name : 038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	-0.01	-0.01	-0.01	-0.01		ppb
Lead	207-1	0.00	0.00	-0.01	0.00		ppb
Lead	208-1	-0.01	-0.01	-0.01	-0.01		ppb
Lithium	6-1				103		%
Magnesium	24-2	-0.41	-0.17	0.11	-0.15		ppb
Manganese	55-2	0.14	0.07	0.04	0.09	55.74	ppb
Molybdenum	94-1	-0.03	-0.02	-0.03	-0.02		ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	96-1	0.00	-0.01	0.00	0.00		ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.04	-0.04	-0.04		ppb
Phosphorus	31-2	-17.76	-19.38	-19.94	-19.02		ppb
Potassium	39-2	2.11	1.06	1.34	1.50	36.32	ppb
Rhodium	103-1				104		%
Rhodium	103-2				105		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	82-1	-0.06	-0.17	-0.09	-0.11		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.82	-0.01	-0.44	0.12	518.24	ppb
Silicon	28-1	-3.31	-3.80	-3.19	-3.44		ppb
Silver	107-1	0.00	0.00	0.00	0.00	64.26	ppb
Silver	109-1	0.00	0.00	0.00	0.00	26.34	ppb
Sodium	23-2	2.09	1.47	0.96	1.51	37.56	ppb
Strontium	86-1	-0.25	-0.13	-0.03	-0.14		ppb
Strontium	88-1	-0.08	-0.09	-0.03	-0.07		ppb
Sulfur	34-1	-192.00	-225.46	-160.98	-192.81		ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	0.00	0.00	0.00	0.00	98.46	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	16.32	ppb
Tin	118-1	-0.09	-0.10	-0.08	-0.09		ppb
Titanium	47-1	0.03	0.02	0.01	0.02	64.41	ppb

LB Number :

LB133538

Operator :

Jaswal

Lab Sample ID :

P4831-08

Instrumnet Name :

P7

Client Sample ID :

E29W1

Dilution Factor :

1

Date & Time Acquired :

2024-11-20 11:23:43

DataFile Name :

038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.00	0.01	0.01	49.31	ppb
Yttrium	89-1				104		%
Yttrium	89-2				104		%
Zinc	66-2	-1.05	-1.06	-1.07	-1.06		ppb
Zirconium	90-1	-0.01	-0.01	-0.01	-0.01		ppb
Zirconium	91-1	-0.01	-0.01	-0.01	-0.01		ppb

LB Number :LB133538Operator :Jaswal

Lab Sample ID :P4831-09Instrumnet Name :P7

Client Sample ID :E29W5Dilution Factor :1

Date & Time Acquired :2024-11-20 11:26:59DataFile Name :039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.22	8.33	8.26	8.27	0.64	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	77.21	ppb
Arsenic	75-2	0.00	0.00	0.00	0.00		ppb
Barium	135-1	0.02	0.02	0.03	0.02	27.92	ppb
Barium	137-1	0.02	0.02	0.02	0.02	11.72	ppb
Beryllium	9-1	0.01	0.00	0.00	0.00	124.39	ppb
Bismuth	209-1				109		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.01	0.00	-0.01	0.00		ppb
Cadmium	106-1	-0.64	-1.57	-1.51	-1.24		ppb
Cadmium	111-1	-0.04	-0.11	-0.11	-0.09		ppb
Calcium	43-1	-19.29	-17.34	-11.68	-16.11		ppb
Calcium	44-1	-16.10	-15.47	-15.54	-15.70		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.08	-0.04	-0.07	-0.06		ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.14	0.14	0.14	0.14	1.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				106		%
Indium	115-1				103		%
Indium	115-2				103		%
Iron	56-2	0.28	0.29	0.40	0.32	20.56	ppb
Iron	57-2	-0.02	-0.21	-0.11	-0.11		ppb
Iron	54-2	-0.48	-0.47	-0.40	-0.45		ppb
Krypton	83-1						cps

LB Number : LB133538 Operator : Jaswal
Lab Sample ID : P4831-09 Instrumnet Name : P7
Client Sample ID : E29W5 Dilution Factor : 1
Date & Time Acquired : 2024-11-20 11:26:59 DataFile Name : 039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.00	-0.02	-0.01	-0.01		ppb
Lead	207-1	-0.02	-0.01	-0.01	-0.01		ppb
Lead	208-1	-0.01	-0.02	-0.01	-0.01		ppb
Lithium	6-1				102		%
Magnesium	24-2	0.30	0.22	0.37	0.30	23.98	ppb
Manganese	55-2	0.91	0.92	0.86	0.90	3.30	ppb
Molybdenum	94-1	-0.04	-0.02	-0.02	-0.03		ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	215.01	ppb
Molybdenum	96-1	0.00	-0.01	-0.01	-0.01		ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.02	-0.03	-0.03		ppb
Phosphorus	31-2	-17.26	-15.85	-17.14	-16.75		ppb
Potassium	39-2	0.65	2.37	0.99	1.34	68.34	ppb
Rhodium	103-1				103		%
Rhodium	103-2				104		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	82-1	0.09	0.08	0.12	0.10	22.18	ppb
Selenium	77-2	0.00	0.09	0.00	0.03	173.21	ppb
Selenium	78-2	0.16	-0.02	0.45	0.20	118.42	ppb
Silicon	28-1	-2.65	-2.67	-2.10	-2.47		ppb
Silver	107-1	0.00	0.00	0.00	0.00	116.09	ppb
Silver	109-1	0.00	0.00	0.00	0.00	32.98	ppb
Sodium	23-2	1.92	2.59	3.01	2.51	21.83	ppb
Strontium	86-1	-0.25	0.09	-0.17	-0.11		ppb
Strontium	88-1	-0.12	-0.04	-0.03	-0.06		ppb
Sulfur	34-1	-109.96	-147.26	-135.40	-130.87		ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	0.00	0.00	0.00	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	-0.04	-0.05	-0.05	-0.05		ppb
Titanium	47-1	0.03	0.02	0.02	0.02	25.49	ppb

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

LB133538
P4831-09
E29W5
2024-11-20 11:26:59

Operator :
Instrumnet Name :
Dilution Factor :
DataFile Name :

Jaswal
P7
1
039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	117.10	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	13.49	ppb
Yttrium	89-1				102		%
Yttrium	89-2				103		%
Zinc	66-2	-0.52	-0.65	-0.59	-0.59		ppb
Zirconium	90-1	-0.02	-0.02	-0.02	-0.02		ppb
Zirconium	91-1	-0.01	-0.02	-0.02	-0.02		ppb

LB Number : LB133538 Operator : Jaswal
Lab Sample ID : P4831-10 Instrumnet Name : P7
Client Sample ID : E29R6 Dilution Factor : 1
Date & Time Acquired : 2024-11-20 11:30:14 DataFile Name : 040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11.24	9.01	8.36	9.54	15.82	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	6.26	ppb
Arsenic	75-2	0.58	0.42	0.47	0.49	16.88	ppb
Barium	135-1	58.13	58.29	58.32	58.25	0.18	ppb
Barium	137-1	59.02	59.43	58.77	59.07	0.57	ppb
Beryllium	9-1	0.00	0.00	0.01	0.00	154.93	ppb
Bismuth	209-1				110		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.03	0.10	0.06	0.06	48.75	ppb
Cadmium	106-1	-0.81	-1.13	-1.90	-1.28		ppb
Cadmium	111-1	-0.06	-0.08	-0.14	-0.09		ppb
Calcium	43-1	96980.36	99127.28	95966.27	97357.97	1.66	ppb
Calcium	44-1	96311.20	97554.82	95032.01	96299.34	1.31	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.09	-0.09	-0.12	-0.10		ppb
Cobalt	59-2	0.63	0.62	0.59	0.61	3.27	ppb
Copper	63-2	0.11	0.08	0.09	0.09	17.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				106		%
Indium	115-1				105		%
Indium	115-2				102		%
Iron	56-2	244.53	237.25	227.14	236.31	3.70	ppb
Iron	57-2	694.62	665.59	666.17	675.46	2.46	ppb
Iron	54-2	242.94	230.93	225.81	233.23	3.77	ppb
Krypton	83-1						cps

LB Number :	LB133538	Operator :	Jaswal
Lab Sample ID :	P4831-10	Instrumnet Name :	P7
Client Sample ID :	E29R6	Dilution Factor :	1
Date & Time Acquired :	2024-11-20 11:30:14	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	-0.01	-0.01	-0.01	-0.01		ppb
Lead	207-1	-0.01	-0.03	0.00	-0.01		ppb
Lead	208-1	-0.01	-0.02	-0.01	-0.01		ppb
Lithium	6-1				105		%
Magnesium	24-2	44508.95	42688.93	41551.64	42916.51	3.48	ppb
Manganese	55-2	407.50	388.24	381.13	392.29	3.48	ppb
Molybdenum	94-1	5.57	5.50	5.57	5.55	0.71	ppb
Molybdenum	95-1	6.69	6.68	6.50	6.62	1.63	ppb
Molybdenum	96-1	6.51	6.48	6.49	6.49	0.20	ppb
Molybdenum	97-1	6.72	6.72	6.54	6.66	1.55	ppb
Molybdenum	98-1	6.69	6.66	6.65	6.67	0.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.46	0.48	0.44	0.46	4.27	ppb
Phosphorus	31-2	-12.88	-13.96	-12.47	-13.10		ppb
Potassium	39-2	1559.82	1519.82	1485.78	1521.81	2.44	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	82-1	0.28	0.12	0.04	0.15	81.07	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.16	-0.06	-0.16	0.31	236.67	ppb
Silicon	28-1	1546.26	1580.73	1529.74	1552.24	1.68	ppb
Silver	107-1	0.00	0.00	0.00	0.00	167.07	ppb
Silver	109-1	0.00	0.00	0.00	0.00	19.79	ppb
Sodium	23-2	16605.52	15820.77	15564.56	15996.95	3.39	ppb
Strontium	86-1	72860.38	72324.07	72084.35	72422.94	0.55	ppb
Strontium	88-1	72360.01	72439.13	72360.02	72386.39	0.06	ppb
Sulfur	34-1	14105.75	14024.85	13627.70	13919.44	1.84	ppb
Terbium	159-1				110		%
Terbium	159-2				105		%
Thallium	203-1	0.02	0.02	0.01	0.02	18.02	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	11.16	ppb
Tin	118-1	-0.08	-0.09	-0.08	-0.08		ppb
Titanium	47-1	0.28	0.28	0.29	0.28	3.47	ppb

LB Number :

LB133538

Operator :

Jaswal

Lab Sample ID :

P4831-10

Instrumnet Name :

P7

Client Sample ID :

E29R6

Dilution Factor :

1

Date & Time Acquired :

2024-11-20 11:30:14

DataFile Name :

040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.47	1.45	1.48	1.47	1.11	ppb
Vanadium	51-2	0.03	0.02	0.02	0.02	13.90	ppb
Yttrium	89-1				107		%
Yttrium	89-2				101		%
Zinc	66-2	-1.91	-2.30	-2.36	-2.19		ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	22.90	ppb
Zirconium	91-1	0.02	0.02	0.02	0.02	12.26	ppb

LB Number :	LB133538	Operator :	Jaswal
Lab Sample ID :	P4831-11	Instrumnet Name :	P7
Client Sample ID :	E29S0	Dilution Factor :	1
Date & Time Acquired :	2024-11-20 11:33:25	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.73	2.61	2.84	2.73	4.20	ppb
Antimony	121-1	0.04	0.04	0.05	0.04	11.72	ppb
Arsenic	75-2	0.53	0.53	0.53	0.53	0.33	ppb
Barium	135-1	190.45	196.50	193.66	193.54	1.56	ppb
Barium	137-1	196.49	204.63	203.88	201.67	2.23	ppb
Beryllium	9-1	0.00	0.01	0.00	0.00	156.60	ppb
Bismuth	209-1				110		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.04	0.02	0.02	0.03	40.48	ppb
Cadmium	106-1	-1.07	-0.63	-1.57	-1.09		ppb
Cadmium	111-1	-0.07	-0.04	-0.11	-0.07		ppb
Calcium	43-1	100894.22	99681.85	101584.70	100720.26	0.96	ppb
Calcium	44-1	100397.22	100015.90	99914.12	100109.08	0.25	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.05	0.05	0.02	0.04	49.25	ppb
Cobalt	59-2	0.24	0.22	0.22	0.23	4.58	ppb
Copper	63-2	0.64	0.60	0.59	0.61	3.80	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				111		%
Holmium	165-2				108		%
Indium	115-1				105		%
Indium	115-2				105		%
Iron	56-2	128.47	122.50	124.97	125.31	2.40	ppb
Iron	57-2	588.32	564.92	591.02	581.42	2.47	ppb
Iron	54-2	125.39	119.07	123.42	122.63	2.64	ppb
Krypton	83-1						cps

LB Number : LB133538 Operator : Jaswal

Lab Sample ID : P4831-11 Instrumnet Name : P7

Client Sample ID : E29S0 Dilution Factor : 1

Date & Time Acquired : 2024-11-20 11:33:25 DataFile Name : 041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.03	0.03	0.02	0.02	19.90	ppb
Lead	207-1	0.02	0.04	0.03	0.03	25.07	ppb
Lead	208-1	0.02	0.02	0.02	0.02	3.01	ppb
Lithium	6-1				104		%
Magnesium	24-2	39127.16	37622.46	38127.41	38292.35	2.00	ppb
Manganese	55-2	121.32	115.31	118.86	118.50	2.55	ppb
Molybdenum	94-1	2.45	2.50	2.39	2.44	2.28	ppb
Molybdenum	95-1	2.87	2.90	2.87	2.88	0.58	ppb
Molybdenum	96-1	2.89	2.81	2.85	2.85	1.39	ppb
Molybdenum	97-1	2.94	2.93	2.91	2.93	0.51	ppb
Molybdenum	98-1	2.96	2.93	2.91	2.93	0.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.14	1.14	1.10	1.13	2.27	ppb
Phosphorus	31-2	-13.35	-11.47	-13.80	-12.87		ppb
Potassium	39-2	1749.95	1725.74	1742.48	1739.39	0.71	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	82-1	0.99	1.04	0.83	0.95	11.68	ppb
Selenium	77-2	0.80	0.72	1.16	0.89	26.33	ppb
Selenium	78-2	1.32	0.29	0.57	0.73	73.29	ppb
Silicon	28-1	1186.58	1194.71	1195.31	1192.20	0.41	ppb
Silver	107-1	0.00	0.00	0.00	0.00	57.66	ppb
Silver	109-1	0.00	0.00	0.00	0.00	131.92	ppb
Sodium	23-2	16749.89	16067.18	16105.84	16307.64	2.35	ppb
Strontium	86-1	6337.05	6265.57	6405.14	6335.92	1.10	ppb
Strontium	88-1	6317.46	6294.87	6266.52	6292.95	0.41	ppb
Sulfur	34-1	9422.35	9409.99	9261.56	9364.63	0.96	ppb
Terbium	159-1				109		%
Terbium	159-2				107		%
Thallium	203-1	0.03	0.03	0.03	0.03	3.08	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	6.59	ppb
Tin	118-1	-0.02	0.02	0.00	0.00		ppb
Titanium	47-1	0.23	0.21	0.26	0.24	10.36	ppb

LB Number :

LB133538

Operator :

Jaswal

Lab Sample ID :

P4831-11

Instrumnet Name :

P7

Client Sample ID :

E29S0

Dilution Factor :

1

Date & Time Acquired :

2024-11-20 11:33:25

DataFile Name :

041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.36	1.38	1.40	1.38	1.24	ppb
Vanadium	51-2	0.05	0.05	0.06	0.05	10.48	ppb
Yttrium	89-1				106		%
Yttrium	89-2				106		%
Zinc	66-2	-1.97	-2.13	-2.26	-2.12		ppb
Zirconium	90-1	0.04	0.03	0.03	0.03	12.41	ppb
Zirconium	91-1	0.03	0.04	0.03	0.03	11.23	ppb

LB Number :LB133538Operator :Jaswal

Lab Sample ID :P4831-12Instrumnet Name :P7

Client Sample ID :E29S2Dilution Factor :1

Date & Time Acquired :2024-11-20 11:36:33DataFile Name :042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.92	2.89	2.71	2.84	3.93	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	16.38	ppb
Arsenic	75-2	0.39	0.46	0.42	0.42	8.38	ppb
Barium	135-1	56.31	58.15	57.88	57.44	1.73	ppb
Barium	137-1	57.56	58.66	58.27	58.16	0.95	ppb
Beryllium	9-1	0.00	0.01	0.00	0.00	165.68	ppb
Bismuth	209-1				111		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.02	0.01	0.02	0.02	20.19	ppb
Cadmium	106-1	-0.73	-1.10	-1.25	-1.03		ppb
Cadmium	111-1	-0.05	-0.08	-0.09	-0.07		ppb
Calcium	43-1	92216.82	96702.74	95641.01	94853.52	2.47	ppb
Calcium	44-1	92840.26	95185.85	93647.65	93891.25	1.27	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.13	-0.15	-0.14	-0.14		ppb
Cobalt	59-2	0.60	0.61	0.58	0.60	2.84	ppb
Copper	63-2	0.12	0.10	0.12	0.11	6.98	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				111		%
Holmium	165-2				109		%
Indium	115-1				107		%
Indium	115-2				105		%
Iron	56-2	229.34	226.26	224.96	226.85	0.99	ppb
Iron	57-2	658.63	654.29	661.24	658.05	0.53	ppb
Iron	54-2	219.71	220.24	218.35	219.43	0.44	ppb
Krypton	83-1						cps

LB Number : LB133538 Operator : Jaswal
Lab Sample ID : P4831-12 Instrumnet Name : P7
Client Sample ID : E29S2 Dilution Factor : 1
Date & Time Acquired : 2024-11-20 11:36:33 DataFile Name : 042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.00	0.00	-0.01	0.00		ppb
Lead	207-1	-0.01	-0.01	0.00	-0.01		ppb
Lead	208-1	-0.01	-0.01	-0.01	-0.01		ppb
Lithium	6-1				105		%
Magnesium	24-2	40775.31	41360.05	41200.24	41111.87	0.74	ppb
Manganese	55-2	384.94	377.24	377.78	379.99	1.13	ppb
Molybdenum	94-1	5.37	5.32	5.37	5.35	0.52	ppb
Molybdenum	95-1	6.36	6.48	6.55	6.47	1.51	ppb
Molybdenum	96-1	6.22	6.33	6.45	6.33	1.75	ppb
Molybdenum	97-1	6.42	6.57	6.53	6.51	1.20	ppb
Molybdenum	98-1	6.44	6.61	6.66	6.57	1.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.49	0.47	0.51	0.49	4.32	ppb
Phosphorus	31-2	-13.99	-13.07	-13.20	-13.42		ppb
Potassium	39-2	1461.70	1460.99	1423.27	1448.65	1.52	ppb
Rhodium	103-1				102		%
Rhodium	103-2				104		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	82-1	0.14	0.17	-0.07	0.08	170.69	ppb
Selenium	77-2	0.09	0.00	0.00	0.03	173.21	ppb
Selenium	78-2	-0.26	0.66	-0.42	0.00		ppb
Silicon	28-1	1509.44	1541.29	1508.99	1519.91	1.22	ppb
Silver	107-1	0.00	0.00	0.00	0.00	63.37	ppb
Silver	109-1	0.00	0.00	0.00	0.00	25.18	ppb
Sodium	23-2	15328.33	15598.05	15417.79	15448.05	0.89	ppb
Strontium	86-1	69459.21	71497.51	71772.63	70909.79	1.78	ppb
Strontium	88-1	70249.40	70819.84	71436.86	70835.37	0.84	ppb
Sulfur	34-1	13816.91	14311.71	14075.24	14067.95	1.76	ppb
Terbium	159-1				110		%
Terbium	159-2				108		%
Thallium	203-1	0.02	0.02	0.02	0.02	16.27	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	5.93	ppb
Tin	118-1	-0.10	-0.07	-0.07	-0.08		ppb
Titanium	47-1	0.28	0.29	0.31	0.29	6.16	ppb

LB Number :LB133538

Operator :Jaswal

Lab Sample ID :P4831-12

Instrumnet Name :P7

Client Sample ID :E29S2

Dilution Factor :1

Date & Time Acquired :2024-11-20 11:36:33

DataFile Name :042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.41	1.43	1.43	1.42	0.99	ppb
Vanadium	51-2	0.02	0.02	0.02	0.02	7.65	ppb
Yttrium	89-1				108		%
Yttrium	89-2				105		%
Zinc	66-2	-2.58	-2.92	-2.74	-2.75		ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	50.45	ppb
Zirconium	91-1	0.00	0.00	0.00	0.00	80.79	ppb

LB Number :LB133538Operator :Jaswal

Lab Sample ID :P4831-13Instrumnet Name :P7

Client Sample ID :E29S6Dilution Factor :1

Date & Time Acquired :2024-11-20 11:39:43DataFile Name :043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	752.63	757.94	771.78	760.79	1.30	ppb
Antimony	121-1	1.06	1.07	1.10	1.08	1.95	ppb
Arsenic	75-2	5.25	5.19	5.37	5.27	1.71	ppb
Barium	135-1	140.89	144.72	146.17	143.93	1.89	ppb
Barium	137-1	146.64	151.89	150.13	149.55	1.79	ppb
Beryllium	9-1	0.04	0.04	0.04	0.04	4.16	ppb
Bismuth	209-1				111		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.16	0.12	0.14	0.14	15.91	ppb
Cadmium	106-1	-0.78	-0.62	-1.24	-0.88		ppb
Cadmium	111-1	-0.04	-0.02	-0.06	-0.04		ppb
Calcium	43-1	113156.51	117450.04	114736.53	115114.36	1.89	ppb
Calcium	44-1	111478.96	118210.04	115415.39	115034.80	2.94	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.95	1.93	2.03	1.97	2.64	ppb
Cobalt	59-2	2.01	2.10	2.11	2.07	2.52	ppb
Copper	63-2	3.60	3.66	3.69	3.65	1.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				108		%
Indium	115-1				106		%
Indium	115-2				104		%
Iron	56-2	3221.85	3226.27	3297.31	3248.48	1.30	ppb
Iron	57-2	3697.11	3755.41	3800.70	3751.07	1.38	ppb
Iron	54-2	3190.34	3295.07	3244.79	3243.40	1.61	ppb
Krypton	83-1						cps

LB Number :

LB133538

Operator :

Jaswal

Lab Sample ID :

P4831-13

Instrumnet Name :

P7

Client Sample ID :

E29S6

Dilution Factor :

1

Date & Time Acquired :

2024-11-20 11:39:43

DataFile Name :

043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.15	1.21	1.20	1.19	2.67	ppb
Lead	207-1	1.05	1.11	1.09	1.09	2.69	ppb
Lead	208-1	1.09	1.13	1.13	1.12	2.40	ppb
Lithium	6-1				104		%
Magnesium	24-2	47912.28	48053.48	48261.33	48075.70	0.37	ppb
Manganese	55-2	344.02	340.90	345.45	343.46	0.68	ppb
Molybdenum	94-1	11.84	12.49	12.40	12.24	2.85	ppb
Molybdenum	95-1	12.82	13.24	13.27	13.11	1.91	ppb
Molybdenum	96-1	12.57	13.13	13.24	12.98	2.76	ppb
Molybdenum	97-1	12.71	13.36	13.45	13.17	3.06	ppb
Molybdenum	98-1	12.96	13.56	13.36	13.29	2.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.83	4.84	5.10	4.92	3.10	ppb
Phosphorus	31-2	46.80	51.94	49.46	49.40	5.20	ppb
Potassium	39-2	2248.21	2310.40	2345.16	2301.25	2.13	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				104		%
Scandium	45-2				100		%
Selenium	82-1	0.12	0.26	0.13	0.17	45.04	ppb
Selenium	77-2	0.27	0.91	0.46	0.54	59.87	ppb
Selenium	78-2	0.56	0.37	0.05	0.33	79.82	ppb
Silicon	28-1	1803.57	1931.53	1883.86	1872.99	3.45	ppb
Silver	107-1	0.00	0.00	0.01	0.00	7.67	ppb
Silver	109-1	0.01	0.00	0.00	0.00	16.05	ppb
Sodium	23-2	14658.46	14764.81	14874.42	14765.89	0.73	ppb
Strontium	86-1	5866.14	6036.10	6079.24	5993.83	1.88	ppb
Strontium	88-1	5910.52	6076.75	6077.28	6021.52	1.60	ppb
Sulfur	34-1	24844.10	26552.81	25826.03	25740.98	3.33	ppb
Terbium	159-1				111		%
Terbium	159-2				107		%
Thallium	203-1	0.06	0.05	0.05	0.05	3.65	ppb
Thallium	205-1	0.05	0.06	0.05	0.05	1.88	ppb
Tin	118-1	0.03	0.05	0.04	0.04	22.88	ppb
Titanium	47-1	19.23	18.80	18.92	18.98	1.16	ppb

LB Number :

LB133538

Operator :

Jaswal

Lab Sample ID :

P4831-13

Instrumnet Name :

P7

Client Sample ID :

E29S6

Dilution Factor :

1

Date & Time Acquired :

2024-11-20 11:39:43

DataFile Name :

043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.12	1.14	1.16	1.14	1.63	ppb
Vanadium	51-2	1.67	1.83	1.79	1.76	4.90	ppb
Yttrium	89-1				106		%
Yttrium	89-2				104		%
Zinc	66-2	2.94	2.76	3.04	2.91	4.93	ppb
Zirconium	90-1	0.77	0.80	0.78	0.78	1.98	ppb
Zirconium	91-1	0.78	0.78	0.83	0.80	3.52	ppb

LB Number :

LB133538

Operator :

Jaswal

Lab Sample ID :

CCV005

Instrumnet Name :

P7

Client Sample ID :

CCV005

Dilution Factor :

1

Date & Time Acquired :

2024-11-20 11:42:51

DataFile Name :

044CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50693.67	49597.89	49407.60	49899.72	1.39	ppb
Antimony	121-1	495.23	501.37	507.70	501.43	1.24	ppb
Arsenic	75-2	521.42	524.68	519.49	521.86	0.50	ppb
Barium	135-1	2480.35	2495.82	2512.75	2496.31	0.65	ppb
Barium	137-1	2449.56	2498.01	2533.08	2493.55	1.68	ppb
Beryllium	9-1	496.66	508.64	519.96	508.42	2.29	ppb
Bismuth	209-1				104		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	504.19	505.56	513.85	507.87	1.03	ppb
Cadmium	106-1	497.27	504.25	508.81	503.44	1.15	ppb
Cadmium	111-1	505.15	507.28	512.19	508.20	0.71	ppb
Calcium	43-1	243809.84	243997.66	249017.12	245608.21	1.20	ppb
Calcium	44-1	246603.21	243736.17	251679.26	247339.55	1.63	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	524.84	505.75	497.40	509.33	2.76	ppb
Cobalt	59-2	530.98	519.07	505.60	518.55	2.45	ppb
Copper	63-2	5264.64	5093.76	5020.17	5126.19	2.45	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				110		%
Holmium	165-2				106		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	130115.64	126535.94	124587.04	127079.54	2.21	ppb
Iron	57-2	129213.16	125404.39	124630.88	126416.14	1.94	ppb
Iron	54-2	128826.85	125188.72	122668.96	125561.51	2.47	ppb
Krypton	83-1						cps

LB Number :LB133538Operator :Jaswal

Lab Sample ID :CCV005Instrumnet Name :P7

Client Sample ID :CCV005Dilution Factor :1

Date & Time Acquired :2024-11-20 11:42:51DataFile Name :044CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2538.67	2598.59	2599.90	2579.05	1.36	ppb
Lead	207-1	2520.66	2594.49	2588.64	2567.93	1.60	ppb
Lead	208-1	2516.66	2584.99	2581.81	2561.15	1.51	ppb
Lithium	6-1				98		%
Magnesium	24-2	257174.11	244754.35	242045.84	247991.43	3.25	ppb
Manganese	55-2	5203.65	5061.46	4998.42	5087.84	2.07	ppb
Molybdenum	94-1	4945.66	5055.98	5052.51	5018.05	1.25	ppb
Molybdenum	95-1	4958.57	5064.61	5047.28	5023.49	1.13	ppb
Molybdenum	96-1	4957.64	5055.58	5085.99	5033.07	1.33	ppb
Molybdenum	97-1	4948.97	5046.94	5092.14	5029.35	1.46	ppb
Molybdenum	98-1	4991.00	5050.53	5110.14	5050.56	1.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	522.70	500.73	509.00	510.81	2.17	ppb
Phosphorus	31-2	10317.49	9954.24	9893.99	10055.24	2.28	ppb
Potassium	39-2	125660.24	122262.04	120921.02	122947.77	1.99	ppb
Rhodium	103-1				95		%
Rhodium	103-2				96		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	496.89	508.69	507.74	504.44	1.30	ppb
Selenium	77-2	500.92	497.13	506.48	501.51	0.94	ppb
Selenium	78-2	508.53	515.32	506.12	509.99	0.94	ppb
Silicon	28-1	393.13	395.10	405.91	398.05	1.73	ppb
Silver	107-1	498.81	502.58	507.99	503.12	0.92	ppb
Silver	109-1	500.64	497.69	507.50	501.95	1.00	ppb
Sodium	23-2	261556.31	253829.10	247950.43	254445.28	2.68	ppb
Strontium	86-1	12379.50	12555.54	12963.15	12632.73	2.37	ppb
Strontium	88-1	12488.91	12700.80	12766.16	12651.96	1.15	ppb
Sulfur	34-1	10440.62	10321.73	10443.98	10402.11	0.67	ppb
Terbium	159-1				109		%
Terbium	159-2				104		%
Thallium	203-1	498.77	510.88	517.49	509.05	1.87	ppb
Thallium	205-1	510.82	514.51	521.43	515.59	1.04	ppb
Tin	118-1	486.19	495.77	496.07	492.68	1.14	ppb
Titanium	47-1	4916.15	4975.58	5035.73	4975.82	1.20	ppb

LB Number :

LB133538

Operator :

Jaswal

Lab Sample ID :

CCV005

Instrumnet Name :

P7

Client Sample ID :

CCV005

Dilution Factor :

1

Date & Time Acquired :

2024-11-20 11:42:51

DataFile Name :

044CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	505.82	515.03	526.37	515.74	2.00	ppb
Vanadium	51-2	529.85	514.28	503.24	515.79	2.59	ppb
Yttrium	89-1				103		%
Yttrium	89-2				103		%
Zinc	66-2	5268.52	5079.67	5075.21	5141.14	2.15	ppb
Zirconium	90-1	498.54	510.33	509.95	506.27	1.32	ppb
Zirconium	91-1	497.98	515.37	511.54	508.30	1.80	ppb

LB Number :

LB133538

Operator :

Jaswal

Lab Sample ID :

CCB005

Instrumnet Name :

P7

Client Sample ID :

CCB005

Dilution Factor :

1

Date & Time Acquired :

2024-11-20 11:45:33

DataFile Name :

045CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.32	0.52	0.39	0.74	67.63	ppb
Antimony	121-1	0.25	0.27	0.32	0.28	13.41	ppb
Arsenic	75-2	0.02	0.01	0.01	0.02	35.63	ppb
Barium	135-1	0.48	0.21	0.14	0.27	65.96	ppb
Barium	137-1	0.49	0.24	0.12	0.28	66.01	ppb
Beryllium	9-1	0.13	0.09	0.03	0.08	58.45	ppb
Bismuth	209-1				107		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.11	0.08	0.00	0.06	86.80	ppb
Cadmium	106-1	-1.24	-0.95	-1.59	-1.26		ppb
Cadmium	111-1	0.04	-0.01	-0.08	-0.02		ppb
Calcium	43-1	52.38	22.24	9.54	28.06	78.42	ppb
Calcium	44-1	46.40	22.35	10.32	26.36	69.70	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	0.01	125.13	ppb
Cobalt	59-2	0.00	0.00	-0.01	0.00		ppb
Copper	63-2	0.15	0.13	0.13	0.14	8.00	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				105		%
Holmium	165-2				105		%
Indium	115-1				101		%
Indium	115-2				104		%
Iron	56-2	3.14	2.53	2.00	2.56	22.32	ppb
Iron	57-2	2.44	1.67	1.49	1.87	26.94	ppb
Iron	54-2	3.38	2.93	2.33	2.88	18.35	ppb
Krypton	83-1						cps

LB Number : LB133538 Operator : Jaswal
Lab Sample ID : CCB005 Instrumnet Name : P7
Client Sample ID : CCB005 Dilution Factor : 1
Date & Time Acquired : 2024-11-20 11:45:33 DataFile Name : 045CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.50	0.23	0.12	0.29	68.83	ppb
Lead	207-1	0.49	0.24	0.13	0.29	64.88	ppb
Lead	208-1	0.50	0.24	0.13	0.29	65.40	ppb
Lithium	6-1				100		%
Magnesium	24-2	4.88	3.95	2.90	3.91	25.42	ppb
Manganese	55-2	0.08	0.09	0.04	0.07	44.28	ppb
Molybdenum	94-1	1.23	0.74	0.58	0.85	39.94	ppb
Molybdenum	95-1	1.11	0.61	0.40	0.71	51.38	ppb
Molybdenum	96-1	1.12	0.62	0.44	0.73	47.93	ppb
Molybdenum	97-1	1.13	0.59	0.41	0.71	52.01	ppb
Molybdenum	98-1	1.11	0.61	0.44	0.72	48.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.04	-0.05	-0.04		ppb
Phosphorus	31-2	-16.88	-19.99	-16.88	-17.92		ppb
Potassium	39-2	2.54	3.55	0.11	2.06	85.76	ppb
Rhodium	103-1				100		%
Rhodium	103-2				104		%
Scandium	45-1				97		%
Scandium	45-2				99		%
Selenium	82-1	0.23	0.16	0.05	0.15	59.05	ppb
Selenium	77-2	0.00	0.18	0.00	0.06	173.21	ppb
Selenium	78-2	0.34	-0.07	0.00	0.09	242.12	ppb
Silicon	28-1	-1.40	-1.56	-2.29	-1.75		ppb
Silver	107-1	0.10	0.05	0.03	0.06	60.78	ppb
Silver	109-1	0.10	0.05	0.03	0.06	60.94	ppb
Sodium	23-2	7.40	5.96	4.83	6.07	21.24	ppb
Strontium	86-1	2.62	1.01	0.11	1.25	102.11	ppb
Strontium	88-1	2.49	1.16	0.65	1.43	66.20	ppb
Sulfur	34-1	-262.54	-288.95	-304.16	-285.22		ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	0.10	0.06	0.04	0.06	52.42	ppb
Thallium	205-1	0.10	0.06	0.04	0.07	53.39	ppb
Tin	118-1	0.11	0.05	0.05	0.07	52.87	ppb
Titanium	47-1	1.04	0.53	0.28	0.62	62.39	ppb

LB Number :

LB133538

Operator :

Jaswal

Lab Sample ID :

CCB005

Instrumnet Name :

P7

Client Sample ID :

CCB005

Dilution Factor :

1

Date & Time Acquired :

2024-11-20 11:45:33

DataFile Name :

045CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.10	0.05	0.03	0.06	61.82	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	13.22	ppb
Yttrium	89-1				100		%
Yttrium	89-2				103		%
Zinc	66-2	0.04	0.30	-0.08	0.09	219.79	ppb
Zirconium	90-1	0.20	0.15	0.14	0.16	20.32	ppb
Zirconium	91-1	0.21	0.15	0.13	0.16	25.68	ppb

LB Number : LB133538 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P7
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2024-11-20 09:21:55 DataFile Name : 004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	764	767	640	724	10.01	cps
Antimony	121-1	97	97	150	114	26.90	cps
Arsenic	75-2	20	13	3	12	68.66	cps
Barium	135-1	303	337	310	317	5.57	cps
Barium	137-1	553	507	630	563	11.05	cps
Beryllium	9-1	44	39	44	43	7.54	cps
Bismuth	209-1	17966208	18475228	18313498	18251645	1.43	cps
Bismuth	209-2	15126994	14955024	15111989	15064669	0.63	cps
Bromine	81-1	16029	15712	15939	15893	1.03	cps
Bromine	81-2	127	93	117	112	15.25	cps
Cadmium	108-1	40	20	13	24	56.78	cps
Cadmium	106-1	10187	10544	10764	10498	2.77	cps
Cadmium	111-1	7160	7393	7556	7369	2.70	cps
Calcium	43-1	7302	7495	7205	7334	2.01	cps
Calcium	44-1	136283	139561	139854	138566	1.43	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6782	6825	6788	6798	0.34	cps
Cobalt	59-2	363	377	423	388	8.12	cps
Copper	63-2	2464	2550	2190	2401	7.83	cps
Dysprosium	156-1	97	63	80	80	20.84	cps
Dysprosium	156-2	17	23	20	20	16.65	cps
Erbium	164-1	123	113	137	124	9.41	cps
Erbium	164-2	93	127	73	98	27.56	cps
Gadolinium	160-1	157	167	133	152	11.24	cps
Gadolinium	160-2	1300	1097	1163	1187	8.74	cps
Holmium	165-1	30982237	31425680	31554965	31320961	0.96	cps
Holmium	165-2	21762606	21695810	21803326	21753914	0.25	cps
Indium	115-1	27732363	28104491	28296398	28044417	1.02	cps
Indium	115-2	9524314	9467534	9259413	9417087	1.48	cps
Iron	56-2	40485	38790	40424	39900	2.41	cps
Iron	57-2	1887	2037	1910	1945	4.15	cps
Iron	54-2	5161	5004	5274	5146	2.64	cps
Krypton	83-1	277	333	327	312	9.92	cps

LB Number : LB133538 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P7
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2024-11-20 09:21:55 DataFile Name : 004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2384	2494	2637	2505	5.07	cps
Lead	207-1	1950	2167	2230	2116	6.94	cps
Lead	208-1	9508	9938	10152	9866	3.32	cps
Lithium	6-1	3410537	3332335	3325820	3356231	1.40	cps
Magnesium	24-2	3437	3374	3380	3397	1.02	cps
Manganese	55-2	14007	13977	14307	14097	1.30	cps
Molybdenum	94-1	840	803	937	860	8.01	cps
Molybdenum	95-1	150	137	103	130	18.49	cps
Molybdenum	96-1	350	263	353	322	15.84	cps
Molybdenum	97-1	83	93	90	89	5.73	cps
Molybdenum	98-1	233	247	217	232	6.47	cps
Neodymium	150-1	33	23	30	29	17.63	cps
Neodymium	150-2	23	13	3	13	75.02	cps
Nickel	60-2	870	787	773	810	6.47	cps
Phosphorus	31-2	480	620	443	514	18.12	cps
Potassium	39-2	76943	77878	79422	78081	1.60	cps
Rhodium	103-1	26408594	26648609	27437221	26831475	2.01	cps
Rhodium	103-2	15504446	15401649	15357296	15421131	0.49	cps
Scandium	45-1	15846821	16004815	16345411	16065682	1.59	cps
Scandium	45-2	1322749	1304288	1324272	1317103	0.84	cps
Selenium	82-1	590	525	389	501	20.41	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	430	440	397	422	5.37	cps
Silicon	28-1	1432462	1424285	1435690	1430812	0.41	cps
Silver	107-1	180	163	193	179	8.40	cps
Silver	109-1	70	73	110	84	26.28	cps
Sodium	23-2	76884	77356	77983	77408	0.71	cps
Strontium	86-1	940	997	940	959	3.41	cps
Strontium	88-1	3974	4057	4151	4061	2.18	cps
Sulfur	34-1	321175	324501	321802	322493	0.55	cps
Terbium	159-1	32328396	32456080	32970723	32585066	1.04	cps
Terbium	159-2	21782446	21693312	21967306	21814355	0.64	cps
Thallium	203-1	233	250	300	261	13.29	cps
Thallium	205-1	547	623	557	576	7.24	cps
Tin	118-1	7752	8356	8196	8101	3.86	cps
Titanium	47-1	247	210	220	226	8.40	cps

LB Number :

LB133538

Operator :

Jaswal

Lab Sample ID :

S00

Instrumnet Name :

P7

Client Sample ID :

S0

Dilution Factor :

1

Date & Time Acquired :

2024-11-20 09:21:55

DataFile Name :

004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	40	53	43	46	15.23	cps
Vanadium	51-2	53	40	50	48	14.52	cps
Yttrium	89-1	37321129	37799629	37955344	37692034	0.88	cps
Yttrium	89-2	9095929	9192681	9110813	9133141	0.57	cps
Zinc	66-2	14040	14197	14053	14097	0.62	cps
Zirconium	90-1	2227	2334	2367	2309	3.17	cps
Zirconium	91-1	497	493	463	484	3.79	cps

LB Number :LB133538Operator :Jaswal

Lab Sample ID :S02Instrumnet Name :P7

Client Sample ID :S02Dilution Factor :1

Date & Time Acquired :2024-11-20 09:28:28DataFile Name :006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10479	10692	10945	10705	2.18	cps
Antimony	121-1	47211	48776	48572	48186	1.77	cps
Arsenic	75-2	1313	1227	1420	1320	7.34	cps
Barium	135-1	55404	58094	58212	57237	2.77	cps
Barium	137-1	96099	101559	101257	99638	3.08	cps
Beryllium	9-1	2350	2600	2656	2535	6.42	cps
Bismuth	209-1	18033036	18156992	18218471	18136166	0.52	cps
Bismuth	209-2	14994297	15105391	14829486	14976391	0.93	cps
Bromine	81-1	15592	15278	14874	15248	2.36	cps
Bromine	81-2	83	63	107	84	25.69	cps
Cadmium	108-1	500	523	537	520	3.57	cps
Cadmium	106-1	11178	11091	10868	11045	1.45	cps
Cadmium	111-1	13906	14026	14163	14032	0.92	cps
Calcium	43-1	40601	41149	42583	41444	2.47	cps
Calcium	44-1	662102	692096	696106	683435	2.72	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	27101	27458	27091	27217	0.77	cps
Cobalt	59-2	17320	17717	17387	17475	1.22	cps
Copper	63-2	26116	25669	25869	25885	0.87	cps
Dysprosium	156-1	83	103	63	83	24.00	cps
Dysprosium	156-2	33	33	7	24	62.97	cps
Erbium	164-1	117	123	123	121	3.18	cps
Erbium	164-2	103	80	70	84	20.25	cps
Gadolinium	160-1	163	163	150	159	4.85	cps
Gadolinium	160-2	1330	1210	1210	1250	5.54	cps
Holmium	165-1	30890372	31048614	30956444	30965143	0.26	cps
Holmium	165-2	21689156	21366992	21278978	21445042	1.01	cps
Indium	115-1	27401833	27495118	27664556	27520502	0.48	cps
Indium	115-2	9533146	9388995	9262950	9395030	1.44	cps
Iron	56-2	519378	522158	517581	519706	0.44	cps
Iron	57-2	14063	14480	14550	14365	1.83	cps
Iron	54-2	31794	32211	31717	31907	0.83	cps
Krypton	83-1	290	300	360	317	11.96	cps

LB Number : LB133538 Operator : Jaswal
Lab Sample ID : S02 Instrumnet Name : P7
Client Sample ID : S02 Dilution Factor : 1
Date & Time Acquired : 2024-11-20 09:28:28 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	18042	18383	18733	18386	1.88	cps
Lead	207-1	15896	16367	16564	16275	2.11	cps
Lead	208-1	71948	74113	74944	73668	2.10	cps
Lithium	6-1	3308602	3424660	3326156	3353139	1.87	cps
Magnesium	24-2	449462	449578	448599	449213	0.12	cps
Manganese	55-2	21582	21769	21188	21513	1.38	cps
Molybdenum	94-1	49868	51139	52149	51052	2.24	cps
Molybdenum	95-1	60140	61890	62965	61665	2.31	cps
Molybdenum	96-1	67170	69270	70475	68972	2.43	cps
Molybdenum	97-1	37849	39213	38978	38680	1.89	cps
Molybdenum	98-1	96077	98432	100841	98450	2.42	cps
Neodymium	150-1	27	7	13	16	65.47	cps
Neodymium	150-2	20	3	17	13	66.16	cps
Nickel	60-2	5011	5111	4988	5036	1.30	cps
Phosphorus	31-2	1073	1233	1220	1176	7.55	cps
Potassium	39-2	617334	616539	610884	614919	0.57	cps
Rhodium	103-1	26252969	26579113	26398120	26410067	0.62	cps
Rhodium	103-2	15477953	15350331	15210304	15346196	0.87	cps
Scandium	45-1	15706499	15776022	15917746	15800089	0.68	cps
Scandium	45-2	1311261	1282622	1298732	1297538	1.11	cps
Selenium	82-1	2276	2434	2308	2339	3.57	cps
Selenium	77-2	207	187	180	191	7.26	cps
Selenium	78-2	997	1043	1120	1053	5.91	cps
Silicon	28-1	1470193	1500448	1496827	1489156	1.11	cps
Silver	107-1	31548	32176	32984	32236	2.23	cps
Silver	109-1	29794	31103	31123	30674	2.48	cps
Sodium	23-2	757662	759419	759255	758779	0.13	cps
Strontium	86-1	8356	8869	8849	8692	3.35	cps
Strontium	88-1	70294	73650	72350	72098	2.35	cps
Sulfur	34-1	320234	320800	318406	319813	0.39	cps
Terbium	159-1	32212565	32308795	31822190	32114516	0.80	cps
Terbium	159-2	21412221	21563413	21384919	21453517	0.45	cps
Thallium	203-1	19828	20566	20549	20314	2.07	cps
Thallium	205-1	47054	48961	49774	48597	2.87	cps
Tin	118-1	105529	108578	110479	108196	2.31	cps
Titanium	47-1	15138	16072	15712	15640	3.01	cps

3

LB Number : LB133538 Operator : Jaswal
Lab Sample ID : S03 Instrumnet Name : P7
Client Sample ID : S03 Dilution Factor : 1
Date & Time Acquired : 2024-11-20 09:31:44 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	514592	510879	511340	512270	0.40	cps
Antimony	121-1	1214933	1220585	1224549	1220022	0.40	cps
Arsenic	75-2	62186	62069	62641	62299	0.49	cps
Barium	135-1	1459203	1472288	1476635	1469375	0.62	cps
Barium	137-1	2630740	2648520	2625728	2634996	0.45	cps
Beryllium	9-1	130628	129799	128628	129685	0.77	cps
Bismuth	209-1	18799396	19052553	18887202	18913050	0.68	cps
Bismuth	209-2	15508707	15381712	15310722	15400380	0.65	cps
Bromine	81-1	14994	15041	14164	14733	3.35	cps
Bromine	81-2	83	87	100	90	9.80	cps
Cadmium	108-1	24604	24377	24758	24580	0.78	cps
Cadmium	106-1	45949	44963	44535	45149	1.61	cps
Cadmium	111-1	339007	340149	342110	340422	0.46	cps
Calcium	43-1	350658	350644	351270	350857	0.10	cps
Calcium	44-1	5560447	5487963	5421490	5489966	1.27	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	498656	498606	495733	497665	0.34	cps
Cobalt	59-2	804167	800000	802096	802087	0.26	cps
Copper	63-2	6250459	6130460	6194615	6191845	0.97	cps
Dysprosium	156-1	80	47	90	72	31.41	cps
Dysprosium	156-2	70	123	100	98	27.35	cps
Erbium	164-1	177	153	140	157	11.85	cps
Erbium	164-2	153	80	80	104	40.54	cps
Gadolinium	160-1	167	130	143	147	12.65	cps
Gadolinium	160-2	1297	1163	1433	1298	10.40	cps
Holmium	165-1	32312910	32226913	32524890	32354904	0.47	cps
Holmium	165-2	22223855	22465326	22114796	22267992	0.81	cps
Indium	115-1	28351149	28667322	28058365	28358945	1.07	cps
Indium	115-2	9598839	9502054	9370948	9490614	1.21	cps
Iron	56-2	23268319	23361119	23243231	23290890	0.27	cps
Iron	57-2	591893	589562	586568	589341	0.45	cps
Iron	54-2	1307192	1298087	1302815	1302698	0.35	cps
Krypton	83-1	340	277	357	324	13.01	cps

LB Number : LB133538 Operator : Jaswal
Lab Sample ID : S03 Instrumnet Name : P7
Client Sample ID : S03 Dilution Factor : 1
Date & Time Acquired : 2024-11-20 09:31:44 DataFile Name : 007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4257241	4198647	4259935	4238608	0.82	cps
Lead	207-1	3734647	3728812	3854026	3772495	1.87	cps
Lead	208-1	16969917	17000345	17244084	17071449	0.88	cps
Lithium	6-1	3465113	3470243	3360733	3432030	1.80	cps
Magnesium	24-2	4670444	4639069	4677341	4662285	0.44	cps
Manganese	55-2	3840757	3822478	3771606	3811614	0.94	cps
Molybdenum	94-1	4506371	4477085	4504183	4495880	0.36	cps
Molybdenum	95-1	6615938	6539938	6519991	6558622	0.77	cps
Molybdenum	96-1	7138301	7223479	7159801	7173860	0.62	cps
Molybdenum	97-1	4067632	4067386	4052648	4062555	0.21	cps
Molybdenum	98-1	10328867	10441177	10473273	10414439	0.73	cps
Neodymium	150-1	110	80	97	96	15.73	cps
Neodymium	150-2	47	30	33	37	24.06	cps
Nickel	60-2	209404	209227	208263	208965	0.29	cps
Phosphorus	31-2	26296	25648	25588	25844	1.52	cps
Potassium	39-2	2693853	2707768	2718039	2706553	0.45	cps
Rhodium	103-1	26923135	27245981	27280632	27149916	0.73	cps
Rhodium	103-2	15564520	15199374	15321609	15361834	1.21	cps
Scandium	45-1	16198306	16099759	16097895	16131987	0.36	cps
Scandium	45-2	1292362	1291035	1295535	1292977	0.18	cps
Selenium	82-1	20133	20370	20324	20276	0.62	cps
Selenium	77-2	1963	1870	1853	1896	3.13	cps
Selenium	78-2	7008	6695	6648	6784	2.89	cps
Silicon	28-1	3937020	3979282	4000253	3972185	0.81	cps
Silver	107-1	1695669	1707514	1686047	1696410	0.63	cps
Silver	109-1	1619426	1631876	1637233	1629511	0.56	cps
Sodium	23-2	7304852	7381446	7398100	7361466	0.68	cps
Strontium	86-1	398075	397744	396123	397314	0.26	cps
Strontium	88-1	3535700	3567069	3526474	3543081	0.60	cps
Sulfur	34-1	404412	399758	398240	400803	0.80	cps
Terbium	159-1	33153231	33784855	33403472	33447186	0.95	cps
Terbium	159-2	22276846	22373715	22113973	22254844	0.59	cps
Thallium	203-1	1039864	1048716	1057626	1048736	0.85	cps
Thallium	205-1	2484630	2525206	2525825	2511887	0.94	cps
Tin	118-1	1035663	1038263	1044729	1039552	0.45	cps
Titanium	47-1	1609862	1629722	1610846	1616810	0.69	cps

LB Number :

LB133538

Operator :

Jaswal

Lab Sample ID :

S03

Instrumnet Name :

P7

Client Sample ID :

S03

Dilution Factor :

1

Date & Time Acquired :

2024-11-20 09:31:44

DataFile Name :

007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3118430	3190942	3263125	3190832	2.27	cps
Vanadium	51-2	421135	415324	420738	419066	0.77	cps
Yttrium	89-1	38359194	38507888	38705545	38524209	0.45	cps
Yttrium	89-2	9229997	9145096	9171293	9182128	0.47	cps
Zinc	66-2	964338	963198	956741	961426	0.43	cps
Zirconium	90-1	2204089	2187102	2217010	2202734	0.68	cps
Zirconium	91-1	470610	475510	473178	473099	0.52	cps

LB Number :

LB133538

Operator :

Jaswal

Lab Sample ID :

S04

Instrumnet Name :

P7

Client Sample ID :

S04

Dilution Factor :

1

Date & Time Acquired :

2024-11-20 09:34:40

DataFile Name :

008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1264432	1286005	1270583	1273674	0.87	cps
Antimony	121-1	2994310	3006514	3059013	3019946	1.14	cps
Arsenic	75-2	150188	150669	149622	150160	0.35	cps
Barium	135-1	3679657	3710519	3683102	3691093	0.46	cps
Barium	137-1	6303119	6297204	6317877	6306067	0.17	cps
Beryllium	9-1	311807	313411	312057	312425	0.28	cps
Bismuth	209-1	18508590	19176322	18927743	18870885	1.79	cps
Bismuth	209-2	15243895	15130803	15081749	15152149	0.55	cps
Bromine	81-1	15211	14607	14691	14836	2.21	cps
Bromine	81-2	110	83	97	97	13.79	cps
Cadmium	108-1	59689	58347	60141	59392	1.57	cps
Cadmium	106-1	92754	94273	93112	93380	0.85	cps
Cadmium	111-1	798790	811450	808102	806114	0.81	cps
Calcium	43-1	827461	829195	830632	829096	0.19	cps
Calcium	44-1	13066045	13104651	13076851	13082516	0.15	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1191728	1186156	1195439	1191108	0.39	cps
Cobalt	59-2	1962389	1982581	1959940	1968303	0.63	cps
Copper	63-2	14961379	14663341	14580786	14735169	1.36	cps
Dysprosium	156-1	137	120	157	138	13.33	cps
Dysprosium	156-2	180	140	180	167	13.86	cps
Erbium	164-1	177	173	167	172	2.96	cps
Erbium	164-2	97	80	113	97	17.24	cps
Gadolinium	160-1	213	170	160	181	15.66	cps
Gadolinium	160-2	1133	1323	1253	1237	7.77	cps
Holmium	165-1	31708019	32110936	32098222	31972392	0.72	cps
Holmium	165-2	22313890	22193030	22010120	22172346	0.69	cps
Indium	115-1	27768155	28049452	27885084	27900897	0.51	cps
Indium	115-2	9433379	9260501	9309279	9334387	0.95	cps
Iron	56-2	56519447	55625831	56312551	56152610	0.83	cps
Iron	57-2	1429276	1418025	1406758	1418020	0.79	cps
Iron	54-2	3100683	3039010	3146596	3095430	1.74	cps
Krypton	83-1	360	290	380	343	13.76	cps

LB Number : LB133538 Operator : Jaswal
Lab Sample ID : S04 Instrumnet Name : P7
Client Sample ID : S04 Dilution Factor : 1
Date & Time Acquired : 2024-11-20 09:34:40 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	10208224	10378783	10400988	10329332	1.02	cps
Lead	207-1	9104909	9200467	9280600	9195325	0.96	cps
Lead	208-1	41429174	42069245	42248455	41915625	1.03	cps
Lithium	6-1	3401295	3356815	3315680	3357930	1.28	cps
Magnesium	24-2	11119218	11188577	11284665	11197487	0.74	cps
Manganese	55-2	9237231	9111372	9253311	9200638	0.84	cps
Molybdenum	94-1	10760862	10942744	10793347	10832318	0.90	cps
Molybdenum	95-1	15760673	15930179	15780472	15823774	0.59	cps
Molybdenum	96-1	17360023	17333977	17240149	17311383	0.36	cps
Molybdenum	97-1	9674447	9752207	9762448	9729701	0.49	cps
Molybdenum	98-1	25290545	25131743	25085630	25169306	0.43	cps
Neodymium	150-1	193	170	153	172	11.67	cps
Neodymium	150-2	17	67	63	49	57.18	cps
Nickel	60-2	497340	499751	494697	497263	0.51	cps
Phosphorus	31-2	60489	61804	60536	60943	1.22	cps
Potassium	39-2	6459705	6382718	6401667	6414697	0.63	cps
Rhodium	103-1	26426226	26183350	26382294	26330623	0.49	cps
Rhodium	103-2	15322452	15280396	14980588	15194479	1.23	cps
Scandium	45-1	15578705	15544679	15738030	15620471	0.66	cps
Scandium	45-2	1258631	1270848	1259925	1263135	0.53	cps
Selenium	82-1	47206	47266	47031	47168	0.26	cps
Selenium	77-2	4214	4501	4244	4320	3.65	cps
Selenium	78-2	15034	15311	15358	15235	1.15	cps
Silicon	28-1	8173756	8141439	8116388	8143861	0.35	cps
Silver	107-1	4037433	4125228	4090129	4084264	1.08	cps
Silver	109-1	3911699	3980962	3883609	3925423	1.28	cps
Sodium	23-2	17609970	17527528	17587333	17574943	0.24	cps
Strontium	86-1	941955	955386	947601	948314	0.71	cps
Strontium	88-1	8409492	8530708	8519318	8486506	0.79	cps
Sulfur	34-1	520418	521006	516688	519371	0.45	cps
Terbium	159-1	32679715	33207930	33339222	33075622	1.06	cps
Terbium	159-2	21528056	21765059	22065885	21786333	1.24	cps
Thallium	203-1	2561368	2637337	2638138	2612281	1.69	cps
Thallium	205-1	6114124	6283524	6187529	6195059	1.37	cps
Tin	118-1	2554191	2584210	2518474	2552291	1.29	cps
Titanium	47-1	3819409	3842602	3831948	3831320	0.30	cps

LB Number :

LB133538

Operator :

Jaswal

Lab Sample ID :

S04

Instrumnet Name :

P7

Client Sample ID :

S04

Dilution Factor :

1

Date & Time Acquired :

2024-11-20 09:34:40

DataFile Name :

008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7803312	7917415	7912707	7877811	0.82	cps
Vanadium	51-2	1009402	1010766	1013206	1011125	0.19	cps
Yttrium	89-1	37415859	37415909	37401244	37411004	0.02	cps
Yttrium	89-2	9061189	9126137	9091071	9092799	0.36	cps
Zinc	66-2	2339021	2337307	2315968	2330765	0.55	cps
Zirconium	90-1	5223445	5242183	5299991	5255206	0.76	cps
Zirconium	91-1	1129300	1141047	1137415	1135921	0.53	cps

LB Number :LB133538Operator :Jaswal

Lab Sample ID :S05Instrumnet Name :P7

Client Sample ID :S05Dilution Factor :1

Date & Time Acquired :2024-11-20 09:37:26DataFile Name :009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2513559	2497956	2470519	2494011	0.87	cps
Antimony	121-1	6071411	6120904	6086202	6092839	0.42	cps
Arsenic	75-2	300800	300881	297232	299638	0.70	cps
Barium	135-1	7441010	7464704	7352570	7419428	0.80	cps
Barium	137-1	12641779	13003941	12714171	12786631	1.50	cps
Beryllium	9-1	624261	628961	623065	625429	0.50	cps
Bismuth	209-1	19407626	19318863	18860458	19195649	1.53	cps
Bismuth	209-2	15374012	15361732	15310035	15348593	0.22	cps
Bromine	81-1	14804	14691	14961	14819	0.92	cps
Bromine	81-2	100	77	100	92	14.61	cps
Cadmium	108-1	119440	120223	119427	119696	0.38	cps
Cadmium	106-1	175583	177871	176305	176586	0.66	cps
Cadmium	111-1	1643066	1625140	1612207	1626804	0.95	cps
Calcium	43-1	1615926	1633074	1650456	1633152	1.06	cps
Calcium	44-1	26214300	26211964	25942505	26122923	0.60	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2416039	2446628	2395544	2419404	1.06	cps
Cobalt	59-2	3935156	3892272	3862931	3896786	0.93	cps
Copper	63-2	29317604	28903017	29309538	29176720	0.81	cps
Dysprosium	156-1	197	210	150	186	16.98	cps
Dysprosium	156-2	357	283	340	327	11.77	cps
Erbium	164-1	150	203	253	202	25.55	cps
Erbium	164-2	120	130	153	134	12.73	cps
Gadolinium	160-1	223	217	210	217	3.08	cps
Gadolinium	160-2	1183	1323	1390	1299	8.12	cps
Holmium	165-1	33277398	32917397	33017213	33070669	0.56	cps
Holmium	165-2	22547450	22617830	22519750	22561676	0.22	cps
Indium	115-1	27669781	28252041	27916748	27946190	1.05	cps
Indium	115-2	9476946	9370561	9281892	9376467	1.04	cps
Iron	56-2	112907642	111552845	111810198	112090228	0.64	cps
Iron	57-2	2827298	2807226	2757651	2797392	1.28	cps
Iron	54-2	6247005	6177756	6095408	6173390	1.23	cps
Krypton	83-1	340	393	260	331	20.27	cps

LB Number :	LB133538	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P7
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2024-11-20 09:37:26	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	21109379	21328671	21043766	21160605	0.71	cps
Lead	207-1	18682468	18915288	18751288	18783015	0.64	cps
Lead	208-1	85223853	86083090	85488072	85598338	0.51	cps
Lithium	6-1	3454085	3460633	3429638	3448119	0.47	cps
Magnesium	24-2	22115256	22028185	22136127	22093189	0.26	cps
Manganese	55-2	18500076	18402617	18206214	18369636	0.81	cps
Molybdenum	94-1	21994304	21939831	22034951	21989696	0.22	cps
Molybdenum	95-1	31980595	32051252	32137575	32056474	0.25	cps
Molybdenum	96-1	34876173	35260921	35116824	35084639	0.55	cps
Molybdenum	97-1	19572114	20068347	19778478	19806313	1.26	cps
Molybdenum	98-1	50705821	51164758	50893191	50921256	0.45	cps
Neodymium	150-1	277	333	347	319	11.66	cps
Neodymium	150-2	100	90	63	84	22.45	cps
Nickel	60-2	984113	979173	982849	982045	0.26	cps
Phosphorus	31-2	120066	120144	119247	119819	0.41	cps
Potassium	39-2	12571794	12646122	12663668	12627195	0.39	cps
Rhodium	103-1	26527163	26448402	26546041	26507202	0.20	cps
Rhodium	103-2	15187969	15186425	15246675	15207023	0.23	cps
Scandium	45-1	15849469	15837529	15564046	15750348	1.03	cps
Scandium	45-2	1243545	1243726	1265319	1250863	1.00	cps
Selenium	82-1	95287	96336	95873	95832	0.55	cps
Selenium	77-2	8766	8883	9150	8933	2.20	cps
Selenium	78-2	30101	30161	30555	30272	0.82	cps
Silicon	28-1	13054428	13236249	13279819	13190165	0.91	cps
Silver	107-1	8141897	8150207	8135503	8142536	0.09	cps
Silver	109-1	7837774	7884732	7808539	7843682	0.49	cps
Sodium	23-2	35082894	34784824	34784043	34883920	0.49	cps
Strontium	86-1	1966030	1970629	1932346	1956335	1.07	cps
Strontium	88-1	17142506	17093372	17094815	17110231	0.16	cps
Sulfur	34-1	728013	723165	718218	723132	0.68	cps
Terbium	159-1	34259779	33973415	33732748	33988647	0.78	cps
Terbium	159-2	22177983	22351089	22390502	22306525	0.51	cps
Thallium	203-1	5413751	5357008	5325440	5365400	0.83	cps
Thallium	205-1	12655374	12816161	12693701	12721745	0.66	cps
Tin	118-1	5075221	5145303	5080115	5100213	0.77	cps
Titanium	47-1	7728941	7793462	7676973	7733126	0.75	cps

LB Number :

LB133538

Operator :

Jaswal

Lab Sample ID :

S05

Instrumnet Name :

P7

Client Sample ID :

S05

Dilution Factor :

1

Date & Time Acquired :

2024-11-20 09:37:26

DataFile Name :

009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	16196319	16299812	16754064	16416731	1.81	cps
Vanadium	51-2	2097111	2084350	2061185	2080882	0.88	cps
Yttrium	89-1	38166097	37996586	37770070	37977584	0.52	cps
Yttrium	89-2	9160909	9235490	9193219	9196540	0.41	cps
Zinc	66-2	4666224	4591128	4655007	4637453	0.87	cps
Zirconium	90-1	10598230	10585582	10769932	10651248	0.97	cps
Zirconium	91-1	2370601	2363016	2374249	2369289	0.24	cps

LB Number : LB133538 Operator : Jaswal
Lab Sample ID : S06 Instrumnet Name : P7
Client Sample ID : S06 Dilution Factor : 1
Date & Time Acquired : 2024-11-20 09:40:14 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4960038	4908928	4886424	4918464	0.77	cps
Antimony	121-1	11916051	12018862	12062799	11999237	0.63	cps
Arsenic	75-2	593679	593276	590668	592541	0.28	cps
Barium	135-1	14446821	14802111	14570785	14606572	1.23	cps
Barium	137-1	25019675	25395140	25251222	25222013	0.75	cps
Beryllium	9-1	1273822	1304337	1311435	1296531	1.54	cps
Bismuth	209-1	19123959	19106123	18854776	19028286	0.79	cps
Bismuth	209-2	15233322	15272179	15259587	15255029	0.13	cps
Bromine	81-1	14474	14851	15245	14856	2.59	cps
Bromine	81-2	113	93	93	100	11.55	cps
Cadmium	108-1	231278	232380	230771	231476	0.36	cps
Cadmium	106-1	331018	332357	331640	331672	0.20	cps
Cadmium	111-1	3209229	3181996	3185386	3192203	0.46	cps
Calcium	43-1	3151227	3179392	3197533	3176050	0.73	cps
Calcium	44-1	50519734	50672219	50958549	50716834	0.44	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4768960	4683048	4790514	4747507	1.20	cps
Cobalt	59-2	7713586	7597949	7566502	7626012	1.02	cps
Copper	63-2	56629219	56538139	56525697	56564352	0.10	cps
Dysprosium	156-1	363	340	320	341	6.36	cps
Dysprosium	156-2	693	653	633	660	4.63	cps
Erbium	164-1	277	330	270	292	11.25	cps
Erbium	164-2	183	167	230	193	16.98	cps
Gadolinium	160-1	270	277	290	279	3.65	cps
Gadolinium	160-2	1147	1233	1363	1248	8.74	cps
Holmium	165-1	33078099	32711915	32936402	32908805	0.56	cps
Holmium	165-2	22850494	22539862	22677249	22689202	0.69	cps
Indium	115-1	27503291	27487393	27595205	27528630	0.21	cps
Indium	115-2	9327609	9302570	9194025	9274734	0.77	cps
Iron	56-2	224438490	220226650	217991183	220885441	1.48	cps
Iron	57-2	5537215	5425706	5435397	5466106	1.13	cps
Iron	54-2	12252094	12041043	12101637	12131591	0.90	cps
Krypton	83-1	330	253	340	308	15.41	cps

LB Number : LB133538 Operator : Jaswal
Lab Sample ID : S06 Instrumnet Name : P7
Client Sample ID : S06 Dilution Factor : 1
Date & Time Acquired : 2024-11-20 09:40:14 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	41661274	42544106	42474838	42226739	1.16	cps
Lead	207-1	37283271	37478816	37237934	37333341	0.34	cps
Lead	208-1	169438724	170443067	169778647	169886813	0.30	cps
Lithium	6-1	3347086	3337389	3360278	3348251	0.34	cps
Magnesium	24-2	43254484	43334083	43033939	43207502	0.36	cps
Manganese	55-2	36752628	36345477	35938075	36345393	1.12	cps
Molybdenum	94-1	43100603	43095566	43441261	43212477	0.46	cps
Molybdenum	95-1	62463731	62359196	63024499	62615809	0.57	cps
Molybdenum	96-1	67960516	68890386	68571799	68474233	0.69	cps
Molybdenum	97-1	38546864	38911783	39239388	38899345	0.89	cps
Molybdenum	98-1	99341472	100504952	100984942	100277122	0.84	cps
Neodymium	150-1	577	697	713	662	11.26	cps
Neodymium	150-2	133	163	160	152	10.80	cps
Nickel	60-2	1989782	1967185	2006014	1987660	0.98	cps
Phosphorus	31-2	238080	235414	235576	236357	0.63	cps
Potassium	39-2	24443500	24780975	24603046	24609174	0.69	cps
Rhodium	103-1	25621314	25927737	25947720	25832257	0.71	cps
Rhodium	103-2	15046908	15061979	14935918	15014935	0.46	cps
Scandium	45-1	15487376	15355868	15570283	15471175	0.70	cps
Scandium	45-2	1237993	1256504	1252824	1249107	0.78	cps
Selenium	82-1	183988	185659	187005	185551	0.81	cps
Selenium	77-2	17864	17204	17003	17357	2.60	cps
Selenium	78-2	58907	58311	58371	58530	0.56	cps
Silicon	28-1	29693591	29596627	29593733	29627984	0.19	cps
Silver	107-1	15879696	15920102	15872381	15890727	0.16	cps
Silver	109-1	15114274	15103796	15108804	15108958	0.03	cps
Sodium	23-2	68263337	68003421	68205234	68157331	0.20	cps
Strontium	86-1	3864138	3872156	3859055	3865117	0.17	cps
Strontium	88-1	33523796	33471008	33706729	33567178	0.37	cps
Sulfur	34-1	1273757	1278455	1247753	1266655	1.31	cps
Terbium	159-1	33511520	34132661	33902249	33848810	0.93	cps
Terbium	159-2	22356571	22355521	22549167	22420420	0.50	cps
Thallium	203-1	10596200	10646946	10748999	10664048	0.73	cps
Thallium	205-1	24891186	25483207	25375834	25250076	1.25	cps
Tin	118-1	10101304	10137568	10108170	10115681	0.19	cps
Titanium	47-1	15032489	15172808	15265680	15156992	0.77	cps

LB Number :

LB133538

Operator :

Jaswal

Lab Sample ID :

S06

Instrumnet Name :

P7

Client Sample ID :

S06

Dilution Factor :

1

Date & Time Acquired :

2024-11-20 09:40:14

DataFile Name :

010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	32123705	32584247	33188992	32632315	1.64	cps
Vanadium	51-2	4098882	4060201	4067586	4075556	0.50	cps
Yttrium	89-1	37798922	37389581	37642472	37610325	0.55	cps
Yttrium	89-2	9172842	9042540	9002307	9072563	0.98	cps
Zinc	66-2	9139659	9108004	9057183	9101616	0.46	cps
Zirconium	90-1	21090231	21077888	21224214	21130777	0.38	cps
Zirconium	91-1	4609709	4633414	4675809	4639644	0.72	cps

LB Number : LB133538 Operator : Jaswal
Lab Sample ID : S07 Instrumnet Name : P7
Client Sample ID : S07 Dilution Factor : 1
Date & Time Acquired : 2024-11-20 09:42:59 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10057497	9963032	9981406	10000645	0.50	cps
Antimony	121-1	24650036	25026069	24748713	24808273	0.79	cps
Arsenic	75-2	1206918	1195683	1185498	1196033	0.90	cps
Barium	135-1	30071312	30456690	30045610	30191204	0.76	cps
Barium	137-1	51480926	52036769	51662371	51726689	0.55	cps
Beryllium	9-1	2562973	2544150	2600570	2569231	1.12	cps
Bismuth	209-1	19376492	19489210	19613520	19493074	0.61	cps
Bismuth	209-2	15445896	15184560	15228099	15286185	0.92	cps
Bromine	81-1	15168	15205	15982	15452	2.98	cps
Bromine	81-2	110	137	103	117	15.12	cps
Cadmium	108-1	466175	469048	471053	468759	0.52	cps
Cadmium	106-1	660815	668899	666813	665509	0.63	cps
Cadmium	111-1	6465527	6441025	6395580	6434044	0.55	cps
Calcium	43-1	6488473	6520609	6450353	6486478	0.54	cps
Calcium	44-1	102787648	104578772	103713042	103693154	0.86	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	9663261	9637273	9730344	9676959	0.50	cps
Cobalt	59-2	15334951	15680099	15213375	15409475	1.57	cps
Copper	63-2	113750988	113403475	113102912	113419125	0.29	cps
Dysprosium	156-1	533	553	477	521	7.63	cps
Dysprosium	156-2	1333	1387	1320	1347	2.62	cps
Erbium	164-1	447	423	427	432	2.92	cps
Erbium	164-2	337	297	303	312	6.86	cps
Gadolinium	160-1	333	333	393	353	9.80	cps
Gadolinium	160-2	1377	1367	1393	1379	0.98	cps
Holmium	165-1	34138609	34343023	34056182	34179271	0.43	cps
Holmium	165-2	23150412	23280325	23159219	23196652	0.31	cps
Indium	115-1	28387881	28039465	27994992	28140779	0.76	cps
Indium	115-2	9372068	9300524	9222865	9298486	0.80	cps
Iron	56-2	442409313	444680033	442038087	443042478	0.32	cps
Iron	57-2	11126412	11158000	10978684	11087698	0.86	cps
Iron	54-2	24539755	24413351	24416362	24456490	0.29	cps
Krypton	83-1	310	340	367	339	8.36	cps

LB Number : LB133538 Operator : Jaswal
Lab Sample ID : S07 Instrumnet Name : P7
Client Sample ID : S07 Dilution Factor : 1
Date & Time Acquired : 2024-11-20 09:42:59 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	85363542	86812715	85599362	85925206	0.90	cps
Lead	207-1	76031631	76853629	75764459	76216573	0.74	cps
Lead	208-1	344939357	347125988	345922125	345995823	0.32	cps
Lithium	6-1	3414292	3381209	3403372	3399624	0.50	cps
Magnesium	24-2	90079249	89187942	88189755	89152315	1.06	cps
Manganese	55-2	73147321	73349442	73090872	73195878	0.19	cps
Molybdenum	94-1	88113382	89290339	88788949	88730890	0.67	cps
Molybdenum	95-1	128065575	129454848	128956381	128825601	0.55	cps
Molybdenum	96-1	140958105	142663825	141577438	141733122	0.61	cps
Molybdenum	97-1	79589350	80739407	80378639	80235799	0.73	cps
Molybdenum	98-1	204669904	206881837	204469177	205340306	0.65	cps
Neodymium	150-1	1403	1433	1183	1340	10.19	cps
Neodymium	150-2	353	310	277	313	12.27	cps
Nickel	60-2	3974898	4021389	3941012	3979100	1.01	cps
Phosphorus	31-2	479945	480457	483276	481226	0.37	cps
Potassium	39-2	50023524	50098094	50321429	50147683	0.31	cps
Rhodium	103-1	26164366	26372539	26335220	26290708	0.42	cps
Rhodium	103-2	15133931	15008765	14990834	15044510	0.52	cps
Scandium	45-1	15880566	15899205	15667386	15815719	0.81	cps
Scandium	45-2	1322970	1315855	1302892	1313906	0.77	cps
Selenium	82-1	378826	384775	379893	381164	0.83	cps
Selenium	77-2	36388	36054	35088	35843	1.88	cps
Selenium	78-2	118348	117246	119427	118340	0.92	cps
Silicon	28-1	50692544	50916316	50231134	50613331	0.69	cps
Silver	107-1	32060109	32251855	31584800	31965588	1.07	cps
Silver	109-1	30351628	30658228	30484072	30497976	0.50	cps
Sodium	23-2	138874295	137176405	138232791	138094497	0.62	cps
Strontium	86-1	7896496	7988406	7834026	7906309	0.98	cps
Strontium	88-1	69248027	69037112	68769482	69018207	0.35	cps
Sulfur	34-1	2185855	2185183	2178830	2183290	0.18	cps
Terbium	159-1	35426433	35260784	34636056	35107758	1.19	cps
Terbium	159-2	23002463	22876976	23096723	22992054	0.48	cps
Thallium	203-1	21961060	21883515	22144449	21996341	0.61	cps
Thallium	205-1	51431703	52207263	51888813	51842593	0.75	cps
Tin	118-1	20772905	20923623	20563791	20753439	0.87	cps
Titanium	47-1	30419915	30821538	30835195	30692216	0.77	cps

LB Number :

LB133538

Operator :

Jaswal

Lab Sample ID :

S07

Instrumnet Name :

P7

Client Sample ID :

S07

Dilution Factor :

1

Date & Time Acquired :

2024-11-20 09:42:59

DataFile Name :

011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	66908232	67709302	67410589	67342708	0.60	cps
Vanadium	51-2	8364841	8464958	8440372	8423391	0.62	cps
Yttrium	89-1	38945495	38913901	38299704	38719700	0.94	cps
Yttrium	89-2	9281723	9341372	9273474	9298856	0.40	cps
Zinc	66-2	18035899	18157600	18212378	18135292	0.50	cps
Zirconium	90-1	42932806	43293684	42980058	43068849	0.46	cps
Zirconium	91-1	9377573	9535101	9501223	9471299	0.88	cps

LB Number : LB133538 Operator : Jaswal
Lab Sample ID : S08 Instrumnet Name : P7
Client Sample ID : S08 Dilution Factor : 1
Date & Time Acquired : 2024-11-20 09:45:46 DataFile Name : 012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	51420120	51615641	51439575	51491779	0.21	cps
Antimony	121-1	10968	11625	13360	11984	10.31	cps
Arsenic	75-2	633	703	697	678	5.70	cps
Barium	135-1	12119	11798	11328	11748	3.39	cps
Barium	137-1	21727	20945	20308	20993	3.38	cps
Beryllium	9-1	461	322	261	348	29.44	cps
Bismuth	209-1	17063779	16946670	16859655	16956702	0.60	cps
Bismuth	209-2	13094494	13035804	13311626	13147308	1.11	cps
Bromine	81-1	16943	17434	16780	17052	2.00	cps
Bromine	81-2	160	167	127	151	14.18	cps
Cadmium	108-1	270	203	297	257	18.73	cps
Cadmium	106-1	10644	10684	10467	10598	1.09	cps
Cadmium	111-1	8672	8650	8413	8578	1.67	cps
Calcium	43-1	31424076	31281988	31778296	31494787	0.81	cps
Calcium	44-1	505768166	506316912	509267419	507117499	0.37	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	17487	17994	17433	17638	1.75	cps
Cobalt	59-2	37801	38763	39508	38691	2.21	cps
Copper	63-2	21275	21289	20267	20944	2.80	cps
Dysprosium	156-1	900	947	923	923	2.53	cps
Dysprosium	156-2	740	710	743	731	2.51	cps
Erbium	164-1	1207	1040	1090	1112	7.69	cps
Erbium	164-2	693	747	767	736	5.15	cps
Gadolinium	160-1	1047	960	853	953	10.16	cps
Gadolinium	160-2	1800	1677	1717	1731	3.63	cps
Holmium	165-1	33077449	32291405	32349530	32572794	1.34	cps
Holmium	165-2	21273927	21526816	22059112	21619952	1.85	cps
Indium	115-1	26052670	26393005	26295310	26246995	0.67	cps
Indium	115-2	8794753	8762270	8948942	8835322	1.13	cps
Iron	56-2	2119120395	2102676129	2159283114	2127026546	1.37	cps
Iron	57-2	53108016	54021914	52734083	53288004	1.24	cps
Iron	54-2	115893885	116748138	119448308	117363444	1.58	cps
Krypton	83-1	363	457	450	423	12.30	cps

LB Number : LB133538 Operator : Jaswal
Lab Sample ID : S08 Instrumnet Name : P7
Client Sample ID : S08 Dilution Factor : 1
Date & Time Acquired : 2024-11-20 09:45:46 DataFile Name : 012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	13533	12166	11115	12271	9.88	cps
Lead	207-1	11905	10758	9887	10850	9.33	cps
Lead	208-1	54159	48584	44796	49180	9.58	cps
Lithium	6-1	3087797	3096941	3111108	3098615	0.38	cps
Magnesium	24-2	438976393	448057887	448110860	445048380	1.18	cps
Manganese	55-2	38235	38563	38837	38545	0.78	cps
Molybdenum	94-1	22511	21332	20625	21489	4.43	cps
Molybdenum	95-1	22380	20054	19286	20573	7.83	cps
Molybdenum	96-1	42174	39086	38450	39903	4.99	cps
Molybdenum	97-1	13396	12142	11405	12314	8.18	cps
Molybdenum	98-1	34157	30528	29096	31260	8.34	cps
Neodymium	150-1	547	557	493	532	6.40	cps
Neodymium	150-2	287	310	260	286	8.76	cps
Nickel	60-2	10967	10621	10987	10858	1.90	cps
Phosphorus	31-2	477	530	463	490	7.20	cps
Potassium	39-2	252400383	257718369	255494030	255204261	1.05	cps
Rhodium	103-1	23628904	23907168	23621955	23719342	0.69	cps
Rhodium	103-2	13458208	13574830	13634430	13555822	0.66	cps
Scandium	45-1	15302853	15575818	15453336	15444002	0.89	cps
Scandium	45-2	1244394	1284205	1296821	1275140	2.15	cps
Selenium	82-1	853	696	743	764	10.51	cps
Selenium	77-2	7	10	10	9	21.63	cps
Selenium	78-2	457	493	500	483	4.83	cps
Silicon	28-1	1371470	1337763	1329225	1346153	1.66	cps
Silver	107-1	4701	4101	3864	4222	10.22	cps
Silver	109-1	4691	3964	3357	4004	16.68	cps
Sodium	23-2	674148670	667463123	678883897	673498563	0.85	cps
Strontium	86-1	25689	25719	25749	25719	0.12	cps
Strontium	88-1	222031	223510	221773	222438	0.42	cps
Sulfur	34-1	249474	254790	258489	254251	1.78	cps
Terbium	159-1	33280805	33492686	33103230	33292240	0.59	cps
Terbium	159-2	21393031	21122642	21414304	21309992	0.76	cps
Thallium	203-1	2374	1660	1363	1799	28.86	cps
Thallium	205-1	5274	4237	3307	4273	23.03	cps
Tin	118-1	10447	10020	10057	10175	2.33	cps
Titanium	47-1	4627	4274	4181	4361	5.40	cps

LB Number : LB133538 Operator : Jaswal
Lab Sample ID : S08 Instrumnet Name : P7
Client Sample ID : S08 Dilution Factor : 1
Date & Time Acquired : 2024-11-20 09:45:46 DataFile Name : 012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	6038	4477	3811	4775	23.94	cps
Vanadium	51-2	2330	2137	2077	2181	6.07	cps
Yttrium	89-1	37278599	37441814	37348173	37356195	0.22	cps
Yttrium	89-2	9142520	9072699	9126691	9113970	0.40	cps
Zinc	66-2	10384	10390	10694	10489	1.69	cps
Zirconium	90-1	25943	25295	24581	25273	2.70	cps
Zirconium	91-1	5955	5494	5064	5504	8.09	cps

LB Number : LB133538 Operator : Jaswal
Lab Sample ID : ICV002 Instrumnet Name : P7
Client Sample ID : ICV002 Dilution Factor : 1
Date & Time Acquired : 2024-11-20 10:03:13 DataFile Name : 013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	300945	301755	301946	301549	0.18	cps
Antimony	121-1	4979671	4971839	5048291	4999934	0.84	cps
Arsenic	75-2	260786	262331	260190	261103	0.42	cps
Barium	135-1	587502	592741	592572	590939	0.50	cps
Barium	137-1	1009489	1024163	1028462	1020705	0.97	cps
Beryllium	9-1	253200	256604	256071	255292	0.72	cps
Bismuth	209-1	19760973	19855834	19385253	19667353	1.27	cps
Bismuth	209-2	15978537	15916664	16067051	15987417	0.47	cps
Bromine	81-1	15912	16436	16312	16220	1.69	cps
Bromine	81-2	83	110	97	97	13.79	cps
Cadmium	108-1	43923	44481	43361	43922	1.28	cps
Cadmium	106-1	70661	71009	70580	70750	0.32	cps
Cadmium	111-1	678955	686061	677197	680738	0.69	cps
Calcium	43-1	139545	141291	141694	140843	0.81	cps
Calcium	44-1	2284392	2271856	2275814	2277354	0.28	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1047219	1041174	1029283	1039225	0.88	cps
Cobalt	59-2	1710194	1709037	1738504	1719245	0.97	cps
Copper	63-2	1193644	1184741	1177812	1185399	0.67	cps
Dysprosium	156-1	60	67	70	66	7.77	cps
Dysprosium	156-2	37	60	27	41	41.60	cps
Erbium	164-1	157	140	150	149	5.64	cps
Erbium	164-2	103	93	87	94	8.88	cps
Gadolinium	160-1	133	130	163	142	12.91	cps
Gadolinium	160-2	1293	1283	1343	1307	2.46	cps
Holmium	165-1	32937204	33241563	33262396	33147054	0.55	cps
Holmium	165-2	23215665	23037197	23083653	23112172	0.40	cps
Indium	115-1	29668233	29442927	29930155	29680438	0.82	cps
Indium	115-2	10162087	9947073	10072963	10060707	1.07	cps
Iron	56-2	18891626	19018269	18767666	18892520	0.66	cps
Iron	57-2	479753	474828	471969	475517	0.83	cps
Iron	54-2	1075981	1070414	1072915	1073103	0.26	cps
Krypton	83-1	317	367	307	330	9.74	cps

LB Number : LB133538 Operator : Jaswal
Lab Sample ID : ICV002 Instrumnet Name : P7
Client Sample ID : ICV002 Dilution Factor : 1
Date & Time Acquired : 2024-11-20 10:03:13 DataFile Name : 013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3637485	3639762	3713479	3663575	1.18	cps
Lead	207-1	3098249	3133970	3155063	3129094	0.92	cps
Lead	208-1	14477218	14476321	14515274	14489604	0.15	cps
Lithium	6-1	3408394	3305778	3424227	3379466	1.90	cps
Magnesium	24-2	1145080	1058105	1060064	1087750	4.57	cps
Manganese	55-2	777299	776385	772059	775248	0.36	cps
Molybdenum	94-1	1167	1403	1500	1357	12.64	cps
Molybdenum	95-1	540	443	533	506	10.68	cps
Molybdenum	96-1	887	1113	1067	1022	11.71	cps
Molybdenum	97-1	360	320	337	339	5.93	cps
Molybdenum	98-1	973	850	1033	952	9.82	cps
Neodymium	150-1	53	43	43	47	12.37	cps
Neodymium	150-2	10	10	23	14	53.28	cps
Nickel	60-2	440840	439383	437501	439241	0.38	cps
Phosphorus	31-2	413	463	397	424	8.17	cps
Potassium	39-2	2210728	2198337	2173165	2194077	0.87	cps
Rhodium	103-1	28389827	28138408	27965501	28164579	0.76	cps
Rhodium	103-2	16533951	16161928	16565866	16420582	1.37	cps
Scandium	45-1	16942519	16993601	17118073	17018064	0.53	cps
Scandium	45-2	1389228	1376112	1369454	1378265	0.73	cps
Selenium	82-1	83423	82987	83921	83444	0.56	cps
Selenium	77-2	8176	7909	7912	7999	1.91	cps
Selenium	78-2	27135	26831	26434	26800	1.31	cps
Silicon	28-1	1342034	1361934	1325349	1343106	1.36	cps
Silver	107-1	1678778	1631872	1668001	1659550	1.48	cps
Silver	109-1	1572301	1626962	1576681	1591981	1.91	cps
Sodium	23-2	2955919	2927323	2955333	2946192	0.55	cps
Strontium	86-1	3014	2620	2787	2807	7.04	cps
Strontium	88-1	20628	20474	20394	20499	0.58	cps
Sulfur	34-1	306915	306567	305247	306243	0.29	cps
Terbium	159-1	34067806	34415989	34259255	34247683	0.51	cps
Terbium	159-2	22875268	22834915	23075975	22928720	0.56	cps
Thallium	203-1	4621769	4591013	4570336	4594373	0.56	cps
Thallium	205-1	10807876	10717414	10891005	10805432	0.80	cps
Tin	118-1	7269	7452	7322	7347	1.28	cps
Titanium	47-1	360	373	363	366	1.90	cps

LB Number :

LB133538

Operator :

Jaswal

Lab Sample ID :

ICV002

Instrumnet Name :

P7

Client Sample ID :

ICV002

Dilution Factor :

1

Date & Time Acquired :

2024-11-20 10:03:13

DataFile Name :

013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	103	143	107	118	18.85	cps
Vanadium	51-2	859356	856632	859466	858485	0.19	cps
Yttrium	89-1	40016504	39953868	39769052	39913141	0.32	cps
Yttrium	89-2	9851364	9778967	9805213	9811848	0.37	cps
Zinc	66-2	401795	397258	397435	398829	0.64	cps
Zirconium	90-1	2727	2970	3460	3053	12.24	cps
Zirconium	91-1	1060	1133	1117	1103	3.48	cps

LB Number :LB133538Operator :Jaswal

Lab Sample ID :ICB002Instrumnet Name :P7

Client Sample ID :ICB002Dilution Factor :1

Date & Time Acquired :2024-11-20 10:07:56DataFile Name :014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	577	570	581	576	0.96	cps
Antimony	121-1	833	877	1203	971	20.83	cps
Arsenic	75-2	27	33	20	27	24.99	cps
Barium	135-1	447	463	397	436	7.97	cps
Barium	137-1	643	680	727	683	6.11	cps
Beryllium	9-1	161	89	78	109	41.41	cps
Bismuth	209-1	18226026	18642203	18688510	18518913	1.38	cps
Bismuth	209-2	15574598	15449226	15661259	15561694	0.69	cps
Bromine	81-1	16499	16092	16099	16230	1.44	cps
Bromine	81-2	113	117	77	102	21.71	cps
Cadmium	108-1	37	53	30	40	30.04	cps
Cadmium	106-1	9436	9590	9330	9452	1.38	cps
Cadmium	111-1	6677	6772	6606	6685	1.24	cps
Calcium	43-1	7278	7338	7008	7208	2.44	cps
Calcium	44-1	132724	136474	136007	135068	1.51	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6915	6775	6952	6881	1.36	cps
Cobalt	59-2	330	403	303	346	14.98	cps
Copper	63-2	2844	2687	2587	2706	4.78	cps
Dysprosium	156-1	20	67	47	44	52.68	cps
Dysprosium	156-2	23	10	20	18	39.03	cps
Erbium	164-1	130	143	180	151	17.13	cps
Erbium	164-2	83	77	73	78	6.55	cps
Gadolinium	160-1	150	177	150	159	9.69	cps
Gadolinium	160-2	1293	1327	1290	1303	1.56	cps
Holmium	165-1	31477129	31534721	31847754	31619868	0.63	cps
Holmium	165-2	22919673	22307255	22376455	22534461	1.49	cps
Indium	115-1	27831569	28384014	28219739	28145107	1.01	cps
Indium	115-2	9787390	9798137	9770253	9785260	0.14	cps
Iron	56-2	41073	39880	40277	40410	1.50	cps
Iron	57-2	1953	1970	1837	1920	3.78	cps
Iron	54-2	5001	5081	4941	5008	1.40	cps
Krypton	83-1	307	320	347	324	6.28	cps

LB Number : LB133538 Operator : Jaswal
Lab Sample ID : ICB002 Instrumnet Name : P7
Client Sample ID : ICB002 Dilution Factor : 1
Date & Time Acquired : 2024-11-20 10:07:56 DataFile Name : 014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3117	2914	2897	2976	4.12	cps
Lead	207-1	2517	2560	2564	2547	1.02	cps
Lead	208-1	11956	11372	11672	11667	2.50	cps
Lithium	6-1	3245671	3321091	3338894	3301885	1.50	cps
Magnesium	24-2	3600	3487	3470	3519	2.01	cps
Manganese	55-2	13790	13963	14037	13930	0.91	cps
Molybdenum	94-1	1177	1443	1447	1356	11.43	cps
Molybdenum	95-1	207	220	210	212	3.27	cps
Molybdenum	96-1	467	433	547	482	12.08	cps
Molybdenum	97-1	120	187	160	156	21.57	cps
Molybdenum	98-1	327	370	393	363	9.31	cps
Neodymium	150-1	20	27	30	26	19.92	cps
Neodymium	150-2	13	13	30	19	50.96	cps
Nickel	60-2	670	667	760	699	7.58	cps
Phosphorus	31-2	533	450	453	479	9.85	cps
Potassium	39-2	81178	80562	81684	81141	0.69	cps
Rhodium	103-1	26620835	27061513	27044828	26909058	0.93	cps
Rhodium	103-2	15905332	15995495	15958247	15953025	0.28	cps
Scandium	45-1	15995019	16174790	16074744	16081518	0.56	cps
Scandium	45-2	1339430	1327682	1338404	1335172	0.49	cps
Selenium	82-1	706	538	503	582	18.63	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	497	530	477	501	5.38	cps
Silicon	28-1	1356176	1384487	1364808	1368490	1.06	cps
Silver	107-1	453	357	367	392	13.55	cps
Silver	109-1	350	327	260	312	14.96	cps
Sodium	23-2	73149	72506	72345	72667	0.59	cps
Strontium	86-1	960	953	1020	978	3.76	cps
Strontium	88-1	4161	4284	4071	4172	2.57	cps
Sulfur	34-1	305612	309347	307091	307350	0.61	cps
Terbium	159-1	32494741	32665935	32734170	32631615	0.38	cps
Terbium	159-2	22458437	22244849	22278141	22327142	0.51	cps
Thallium	203-1	647	597	523	589	10.53	cps
Thallium	205-1	1597	1393	1370	1453	8.58	cps
Tin	118-1	7776	7902	8089	7922	1.99	cps
Titanium	47-1	277	263	237	259	7.87	cps

LB Number :

LB133538

Operator :

Jaswal

Lab Sample ID :

ICB002

Instrumnet Name :

P7

Client Sample ID :

ICB002

Dilution Factor :

1

Date & Time Acquired :

2024-11-20 10:07:56

DataFile Name :

014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	53	57	77	62	20.29	cps
Vanadium	51-2	33	50	30	38	28.37	cps
Yttrium	89-1	37404759	38323524	38121591	37949958	1.27	cps
Yttrium	89-2	9519227	9369085	9453595	9447302	0.80	cps
Zinc	66-2	13880	14043	13823	13915	0.82	cps
Zirconium	90-1	3344	3747	4061	3717	9.67	cps
Zirconium	91-1	753	733	780	756	3.10	cps

LB Number : LB133538 Operator : Jaswal
Lab Sample ID : ICSA002 Instrumnet Name : P7
Client Sample ID : ICSA002 Dilution Factor : 1
Date & Time Acquired : 2024-11-20 10:11:14 DataFile Name : 015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	45886052	46020890	46203542	46036828	0.35	cps
Antimony	121-1	25219	26254	26762	26078	3.02	cps
Arsenic	75-2	380	400	447	409	8.37	cps
Barium	135-1	8152	8286	8616	8351	2.86	cps
Barium	137-1	13897	14411	14477	14262	2.23	cps
Beryllium	9-1	667	678	683	676	1.26	cps
Bismuth	209-1	18502846	18308461	18315184	18375497	0.60	cps
Bismuth	209-2	14435640	14699911	14855897	14663816	1.45	cps
Bromine	81-1	17193	17667	17981	17614	2.25	cps
Bromine	81-2	357	330	330	339	4.54	cps
Cadmium	108-1	4177	4117	4027	4107	1.84	cps
Cadmium	106-1	10154	9763	9530	9816	3.21	cps
Cadmium	111-1	9438	9140	8979	9186	2.53	cps
Calcium	43-1	6094512	6243060	6256190	6197921	1.45	cps
Calcium	44-1	97115215	100663932	101492828	99757325	2.33	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	192030	190849	192971	191950	0.55	cps
Cobalt	59-2	18852	18478	18678	18669	1.00	cps
Copper	63-2	82985	82552	82472	82670	0.33	cps
Dysprosium	156-1	120	117	123	120	2.77	cps
Dysprosium	156-2	67	97	43	69	38.81	cps
Erbium	164-1	200	237	207	214	9.11	cps
Erbium	164-2	133	153	157	148	8.54	cps
Gadolinium	160-1	263	203	243	237	12.91	cps
Gadolinium	160-2	1260	1293	1273	1276	1.32	cps
Holmium	165-1	32925786	33173679	33019116	33039527	0.38	cps
Holmium	165-2	22383469	22579056	22599758	22520761	0.53	cps
Indium	115-1	27788564	27372624	27674307	27611832	0.78	cps
Indium	115-2	9303355	9257924	9274947	9278742	0.25	cps
Iron	56-2	864211560	872170200	871875640	869419134	0.52	cps
Iron	57-2	21862788	21988618	21524765	21792057	1.10	cps
Iron	54-2	47173839	47353353	47214879	47247357	0.20	cps
Krypton	83-1	327	377	320	341	9.08	cps

LB Number : LB133538 Operator : Jaswal
Lab Sample ID : ICSA002 Instrumnet Name : P7
Client Sample ID : ICSA002 Dilution Factor : 1
Date & Time Acquired : 2024-11-20 10:11:14 DataFile Name : 015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	77248	78472	78327	78015	0.86	cps
Lead	207-1	61545	62744	62868	62386	1.17	cps
Lead	208-1	290455	295361	295345	293721	0.96	cps
Lithium	6-1	3189450	3061953	3076541	3109315	2.24	cps
Magnesium	24-2	81198139	82213970	81440424	81617511	0.65	cps
Manganese	55-2	67209	67343	67470	67341	0.19	cps
Molybdenum	94-1	13202672	13518182	13651092	13457315	1.71	cps
Molybdenum	95-1	23269539	23798575	24173856	23747323	1.91	cps
Molybdenum	96-1	24841465	25665414	25697549	25401476	1.91	cps
Molybdenum	97-1	14380506	14789592	14949051	14706383	1.99	cps
Molybdenum	98-1	36997552	38471765	38759342	38076220	2.48	cps
Neodymium	150-1	127	120	123	123	2.70	cps
Neodymium	150-2	57	43	53	51	13.58	cps
Nickel	60-2	21856	21158	21692	21569	1.69	cps
Phosphorus	31-2	2391213	2364264	2388349	2381275	0.62	cps
Potassium	39-2	96094759	95560455	98598272	96751162	1.68	cps
Rhodium	103-1	25479129	25621700	25340646	25480492	0.55	cps
Rhodium	103-2	14892021	14656549	14950866	14833145	1.05	cps
Scandium	45-1	15757314	15816340	15863021	15812225	0.34	cps
Scandium	45-2	1261542	1270456	1282936	1271645	0.85	cps
Selenium	82-1	601	523	499	541	9.83	cps
Selenium	77-2	10	3	3	6	69.34	cps
Selenium	78-2	513	537	500	517	3.59	cps
Silicon	28-1	1419491	1398178	1407637	1408435	0.76	cps
Silver	107-1	1147	983	1190	1107	9.85	cps
Silver	109-1	847	1057	990	964	11.13	cps
Sodium	23-2	134465858	132924285	134152525	133847556	0.61	cps
Strontium	86-1	246119	254301	257490	252637	2.32	cps
Strontium	88-1	2212170	2278011	2360897	2283693	3.26	cps
Sulfur	34-1	8801321	9028963	8915807	8915363	1.28	cps
Terbium	159-1	33959724	34430259	33782752	34057578	0.98	cps
Terbium	159-2	22070448	22206036	22302888	22193124	0.53	cps
Thallium	203-1	2117	2267	2347	2244	5.21	cps
Thallium	205-1	4761	5368	5665	5264	8.75	cps
Tin	118-1	10307	10804	10904	10672	3.00	cps
Titanium	47-1	5780997	6045372	6054822	5960397	2.61	cps

LB Number : LB133538 Operator : Jaswal
Lab Sample ID : ICSA002 Instrumnet Name : P7
Client Sample ID : ICSA002 Dilution Factor : 1
Date & Time Acquired : 2024-11-20 10:11:14 DataFile Name : 015ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	957	1060	1023	1013	5.17	cps
Vanadium	51-2	1497	1510	1670	1559	6.19	cps
Yttrium	89-1	38321925	37700935	38074329	38032397	0.82	cps
Yttrium	89-2	9150443	9096712	9209130	9152095	0.61	cps
Zinc	66-2	30855	30454	30815	30708	0.72	cps
Zirconium	90-1	2877	3270	3684	3277	12.31	cps
Zirconium	91-1	617	590	810	672	17.86	cps

LB Number : LB133538 Operator : Jaswal
Lab Sample ID : ICSAB002 Instrumnet Name : P7
Client Sample ID : ICSAB002 Dilution Factor : 1
Date & Time Acquired : 2024-11-20 10:14:16 DataFile Name : 016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	46811604	46222819	47686207	46906877	1.57	cps
Antimony	121-1	488691	500800	499465	496319	1.34	cps
Arsenic	75-2	23742	23525	24033	23767	1.07	cps
Barium	135-1	121570	123352	123257	122727	0.82	cps
Barium	137-1	208872	214636	215038	212848	1.62	cps
Beryllium	9-1	43143	45545	42993	43894	3.26	cps
Bismuth	209-1	18841082	18715128	19006351	18854187	0.77	cps
Bismuth	209-2	15212573	14701909	14971237	14961906	1.71	cps
Bromine	81-1	19600	19860	20147	19869	1.38	cps
Bromine	81-2	697	693	773	721	6.28	cps
Cadmium	108-1	11595	12058	12252	11968	2.82	cps
Cadmium	106-1	20545	21513	21443	21167	2.55	cps
Cadmium	111-1	128724	132194	130822	130580	1.34	cps
Calcium	43-1	6246504	6283192	6329025	6286240	0.66	cps
Calcium	44-1	99909882	101223982	102430808	101188224	1.25	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	379126	379371	381509	380002	0.35	cps
Cobalt	59-2	317906	316873	319478	318085	0.41	cps
Copper	63-2	292054	293707	290755	292172	0.51	cps
Dysprosium	156-1	117	163	127	136	18.13	cps
Dysprosium	156-2	80	77	83	80	4.16	cps
Erbium	164-1	207	240	247	231	9.27	cps
Erbium	164-2	157	143	137	146	7.00	cps
Gadolinium	160-1	190	207	267	221	18.24	cps
Gadolinium	160-2	1160	1193	1180	1178	1.42	cps
Holmium	165-1	33889513	33748488	34358826	33998942	0.94	cps
Holmium	165-2	23577594	22825749	22881871	23095071	1.81	cps
Indium	115-1	28263658	28262952	28314971	28280527	0.11	cps
Indium	115-2	9701384	9362460	9382097	9481980	2.01	cps
Iron	56-2	886696093	872777934	866230040	875234689	1.19	cps
Iron	57-2	21750604	21964115	21854569	21856429	0.49	cps
Iron	54-2	47645791	47634426	48390313	47890177	0.90	cps
Krypton	83-1	293	303	333	310	6.71	cps

LB Number : LB133538

Operator : Jaswal

Lab Sample ID : ICSAB002

Instrumnet Name : P7

Client Sample ID : ICSAB002

Dilution Factor : 1

Date & Time Acquired : 2024-11-20 10:14:16

DataFile Name : 016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	417763	427109	424078	422984	1.13	cps
Lead	207-1	353340	358932	357143	356471	0.80	cps
Lead	208-1	1625408	1657178	1648890	1643825	1.00	cps
Lithium	6-1	2929954	2984228	2993643	2969275	1.16	cps
Magnesium	24-2	82317914	81804039	84222642	82781532	1.54	cps
Manganese	55-2	205108	204849	203477	204478	0.43	cps
Molybdenum	94-1	13562306	13802187	14080021	13814838	1.88	cps
Molybdenum	95-1	24188837	24443030	24770010	24467292	1.19	cps
Molybdenum	96-1	26048189	26644554	26549055	26413932	1.21	cps
Molybdenum	97-1	15010891	15227972	15359531	15199464	1.16	cps
Molybdenum	98-1	38757189	39298311	39612314	39222604	1.10	cps
Neodymium	150-1	110	143	143	132	14.56	cps
Neodymium	150-2	77	80	80	79	2.44	cps
Nickel	60-2	98487	96277	97199	97321	1.14	cps
Phosphorus	31-2	2432468	2377905	2457218	2422530	1.68	cps
Potassium	39-2	98130025	97900802	98650075	98226967	0.39	cps
Rhodium	103-1	26057290	26018095	26633379	26236255	1.31	cps
Rhodium	103-2	15412756	14997887	15127141	15179261	1.40	cps
Scandium	45-1	15718312	15714669	16080392	15837791	1.33	cps
Scandium	45-2	1365273	1315783	1319824	1333627	2.06	cps
Selenium	82-1	7890	7775	7881	7849	0.81	cps
Selenium	77-2	607	610	643	620	3.27	cps
Selenium	78-2	2967	2784	2770	2840	3.87	cps
Silicon	28-1	1414015	1444311	1445989	1434772	1.25	cps
Silver	107-1	580771	591779	598705	590419	1.53	cps
Silver	109-1	554683	563399	564999	561027	0.99	cps
Sodium	23-2	135407218	134217961	135530528	135051902	0.54	cps
Strontium	86-1	256935	265813	265531	262760	1.92	cps
Strontium	88-1	2312031	2362775	2339408	2338072	1.09	cps
Sulfur	34-1	8902013	8946725	8963916	8937551	0.36	cps
Terbium	159-1	34821438	34781202	35463724	35022121	1.09	cps
Terbium	159-2	23260779	22511426	22714687	22828964	1.70	cps
Thallium	203-1	432506	440114	447420	440013	1.69	cps
Thallium	205-1	1023089	1042247	1052078	1039138	1.42	cps
Tin	118-1	10327	10144	10190	10220	0.93	cps
Titanium	47-1	5946933	6085836	6116354	6049708	1.49	cps

LB Number :

LB133538

Operator :

Jaswal

Lab Sample ID :

ICSAB002

Instrumnet Name :

P7

Client Sample ID :

ICSAB002

Dilution Factor :

1

Date & Time Acquired :

2024-11-20 10:14:16

DataFile Name :

016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	977	1097	1070	1048	6.01	cps
Vanadium	51-2	161769	157961	159803	159844	1.19	cps
Yttrium	89-1	38293903	38632333	39503481	38809906	1.61	cps
Yttrium	89-2	9655870	9314946	9501865	9490894	1.80	cps
Zinc	66-2	65406	64040	65560	65002	1.29	cps
Zirconium	90-1	2627	2857	2770	2751	4.22	cps
Zirconium	91-1	573	757	663	664	13.80	cps

LB Number :LB133538Operator :Jaswal

Lab Sample ID :CCV004Instrumnet Name :P7

Client Sample ID :CCV004Dilution Factor :1

Date & Time Acquired :2024-11-20 10:17:18DataFile Name :017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	26481005	26688497	26501385	26556962	0.43	cps
Antimony	121-1	12848582	12931593	12906619	12895598	0.33	cps
Arsenic	75-2	641782	636750	635768	638100	0.51	cps
Barium	135-1	15764964	15625155	15614285	15668135	0.54	cps
Barium	137-1	26840987	26854124	26543423	26746178	0.66	cps
Beryllium	9-1	1176738	1225796	1235875	1212803	2.61	cps
Bismuth	209-1	18966454	18815483	18676876	18819604	0.77	cps
Bismuth	209-2	14763096	14712460	14498471	14658009	0.96	cps
Bromine	81-1	17103	17230	16876	17070	1.05	cps
Bromine	81-2	140	143	167	150	9.69	cps
Cadmium	108-1	242159	248188	244501	244949	1.24	cps
Cadmium	106-1	352971	354044	351759	352924	0.32	cps
Cadmium	111-1	3402199	3459645	3388026	3416623	1.11	cps
Calcium	43-1	16467427	16721512	16663306	16617415	0.80	cps
Calcium	44-1	265517576	268417783	267872703	267269354	0.58	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4958886	5008260	5034657	5000601	0.77	cps
Cobalt	59-2	8177332	8123949	8154721	8152001	0.33	cps
Copper	63-2	59199222	59573907	59478929	59417353	0.33	cps
Dysprosium	156-1	610	657	643	637	3.78	cps
Dysprosium	156-2	1017	977	910	968	5.57	cps
Erbium	164-1	717	623	673	671	6.96	cps
Erbium	164-2	440	443	397	427	6.10	cps
Gadolinium	160-1	577	570	530	559	4.52	cps
Gadolinium	160-2	1493	1550	1440	1495	3.68	cps
Holmium	165-1	35420636	34810488	34775794	35002306	1.04	cps
Holmium	165-2	23337973	23227083	22907511	23157522	0.97	cps
Indium	115-1	28597885	28288472	28412141	28432833	0.55	cps
Indium	115-2	9365621	9371846	9260925	9332797	0.67	cps
Iron	56-2	1123991050	1118009663	1120331743	1120777486	0.27	cps
Iron	57-2	28409349	27993705	28132109	28178388	0.75	cps
Iron	54-2	61023344	61556786	61255584	61278571	0.44	cps
Krypton	83-1	327	313	373	338	9.33	cps

LB Number : LB133538 Operator : Jaswal
Lab Sample ID : CCV004 Instrumnet Name : P7
Client Sample ID : CCV004 Dilution Factor : 1
Date & Time Acquired : 2024-11-20 10:17:18 DataFile Name : 017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	42950161	43384864	43359986	43231670	0.56	cps
Lead	207-1	37973294	38430644	38302116	38235352	0.62	cps
Lead	208-1	172466931	174790227	174192851	173816670	0.69	cps
Lithium	6-1	3017809	2964391	3026456	3002885	1.12	cps
Magnesium	24-2	227755663	227274523	227165837	227398674	0.14	cps
Manganese	55-2	37795297	37510228	38040345	37781957	0.70	cps
Molybdenum	94-1	45622903	46509734	46160324	46097654	0.97	cps
Molybdenum	95-1	66931084	68038604	67070776	67346821	0.90	cps
Molybdenum	96-1	73323236	74337416	74077086	73912579	0.71	cps
Molybdenum	97-1	41483904	41974723	42017920	41825515	0.71	cps
Molybdenum	98-1	106704735	108747385	107718228	107723450	0.95	cps
Neodymium	150-1	870	950	820	880	7.45	cps
Neodymium	150-2	287	270	290	282	3.80	cps
Nickel	60-2	2072772	2096674	2087308	2085585	0.58	cps
Phosphorus	31-2	246164	245688	246996	246283	0.27	cps
Potassium	39-2	130548975	130868541	130998931	130805482	0.18	cps
Rhodium	103-1	26196562	26072343	26125066	26131324	0.24	cps
Rhodium	103-2	14696376	14805436	14709921	14737244	0.40	cps
Scandium	45-1	16383179	16337114	16105071	16275121	0.92	cps
Scandium	45-2	1308134	1335960	1316350	1320148	1.08	cps
Selenium	82-1	198226	198996	200440	199221	0.56	cps
Selenium	77-2	18946	18535	17878	18453	2.92	cps
Selenium	78-2	62019	62253	61681	61985	0.46	cps
Silicon	28-1	21626023	21739546	21922847	21762805	0.69	cps
Silver	107-1	16738154	16673538	16774894	16728862	0.31	cps
Silver	109-1	15980469	15948739	15960067	15963092	0.10	cps
Sodium	23-2	357373675	358131928	357983488	357829697	0.11	cps
Strontium	86-1	4115058	4150672	4182762	4149498	0.82	cps
Strontium	88-1	36156110	36601908	35945824	36234614	0.92	cps
Sulfur	34-1	1249271	1238474	1243790	1243845	0.43	cps
Terbium	159-1	36422649	35638704	35367588	35809647	1.53	cps
Terbium	159-2	22701223	22649136	22655539	22668633	0.13	cps
Thallium	203-1	10938572	10850219	10873167	10887319	0.42	cps
Thallium	205-1	25874752	26196306	25963098	26011385	0.64	cps
Tin	118-1	10476821	10705619	10707171	10629870	1.25	cps
Titanium	47-1	15781706	16165872	15993717	15980432	1.20	cps

LB Number :

LB133538

Operator :

Jaswal

Lab Sample ID :

CCV004

Instrumnet Name :

P7

Client Sample ID :

CCV004

Dilution Factor :

1

Date & Time Acquired :

2024-11-20 10:17:18

DataFile Name :

017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	33815666	34079274	34080264	33991735	0.45	cps
Vanadium	51-2	4409593	4451322	4439952	4433622	0.49	cps
Yttrium	89-1	40065374	39820472	39425294	39770380	0.81	cps
Yttrium	89-2	9489785	9313984	9339954	9381241	1.01	cps
Zinc	66-2	9579428	9599969	9598576	9592658	0.12	cps
Zirconium	90-1	22368695	22859888	22827296	22685293	1.21	cps
Zirconium	91-1	4936899	4952857	5039785	4976514	1.11	cps

LB Number :LB133538Operator :Jaswal

Lab Sample ID :CCB004Instrumnet Name :P7

Client Sample ID :CCB004Dilution Factor :1

Date & Time Acquired :2024-11-20 10:19:57DataFile Name :018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1044	1077	910	1010	8.73	cps
Antimony	121-1	5721	6011	7465	6399	14.60	cps
Arsenic	75-2	33	10	30	24	51.62	cps
Barium	135-1	2817	1417	837	1690	60.23	cps
Barium	137-1	5044	2594	1343	2994	62.88	cps
Beryllium	9-1	339	261	172	257	32.40	cps
Bismuth	209-1	19423340	19726300	19768611	19639417	0.96	cps
Bismuth	209-2	15919099	15758597	16228719	15968805	1.50	cps
Bromine	81-1	15181	15161	15645	15329	1.79	cps
Bromine	81-2	140	113	100	118	17.29	cps
Cadmium	108-1	80	77	47	68	27.08	cps
Cadmium	106-1	9820	9860	9984	9888	0.86	cps
Cadmium	111-1	7608	7235	7172	7339	3.21	cps
Calcium	43-1	9997	8339	7942	8759	12.44	cps
Calcium	44-1	178913	157166	144958	160346	10.73	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6588	6425	6685	6566	2.00	cps
Cobalt	59-2	377	383	377	379	1.02	cps
Copper	63-2	4117	3781	3741	3879	5.33	cps
Dysprosium	156-1	47	37	37	40	14.43	cps
Dysprosium	156-2	13	20	30	21	39.75	cps
Erbium	164-1	147	127	167	147	13.64	cps
Erbium	164-2	93	63	117	91	29.35	cps
Gadolinium	160-1	120	107	183	137	29.97	cps
Gadolinium	160-2	1130	1203	1207	1180	3.67	cps
Holmium	165-1	32416785	33586547	33233748	33079026	1.81	cps
Holmium	165-2	23270909	22570955	23231640	23024501	1.71	cps
Indium	115-1	28129910	28555831	28978771	28554837	1.49	cps
Indium	115-2	9856108	9785976	9805387	9815824	0.37	cps
Iron	56-2	59808	55438	53665	56304	5.62	cps
Iron	57-2	2370	2314	2114	2266	5.95	cps
Iron	54-2	6035	6055	5845	5978	1.94	cps
Krypton	83-1	340	280	313	311	9.66	cps

LB Number : LB133538 Operator : Jaswal
Lab Sample ID : CCB004 Instrumnet Name : P7
Client Sample ID : CCB004 Dilution Factor : 1
Date & Time Acquired : 2024-11-20 10:19:57 DataFile Name : 018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	10751	6568	4804	7375	41.42	cps
Lead	207-1	9293	6068	4084	6482	40.56	cps
Lead	208-1	42320	26937	18955	29404	40.39	cps
Lithium	6-1	3162859	3206830	3263430	3211040	1.57	cps
Magnesium	24-2	6411	5975	5284	5890	9.65	cps
Manganese	55-2	14290	14224	13883	14132	1.54	cps
Molybdenum	94-1	10904	7165	5458	7842	35.52	cps
Molybdenum	95-1	12596	6912	4134	7880	54.73	cps
Molybdenum	96-1	14184	8039	4971	9065	51.75	cps
Molybdenum	97-1	8026	4377	2500	4968	56.56	cps
Molybdenum	98-1	20305	10824	7042	12723	53.70	cps
Neodymium	150-1	20	7	23	17	52.90	cps
Neodymium	150-2	17	17	20	18	10.81	cps
Nickel	60-2	777	760	810	782	3.25	cps
Phosphorus	31-2	467	357	420	414	13.32	cps
Potassium	39-2	99013	97832	95658	97501	1.75	cps
Rhodium	103-1	26386505	27100725	27207715	26898315	1.66	cps
Rhodium	103-2	16266776	16143611	15963704	16124697	0.95	cps
Scandium	45-1	15464183	15738492	15809305	15670660	1.16	cps
Scandium	45-2	1324399	1284631	1293483	1300838	1.61	cps
Selenium	82-1	586	566	474	542	10.97	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	477	453	457	462	2.73	cps
Silicon	28-1	1293673	1269350	1288007	1283676	0.99	cps
Silver	107-1	3801	2047	1307	2385	53.71	cps
Silver	109-1	3407	1840	1023	2090	57.95	cps
Sodium	23-2	96564	94440	94410	95138	1.30	cps
Strontium	86-1	1597	1360	1167	1375	15.67	cps
Strontium	88-1	9740	6668	5124	7178	32.74	cps
Sulfur	34-1	249973	249807	253492	251090	0.83	cps
Terbium	159-1	33273425	34194739	34212747	33893637	1.58	cps
Terbium	159-2	22715155	22505943	22740693	22653930	0.57	cps
Thallium	203-1	3584	2497	1783	2621	34.59	cps
Thallium	205-1	7942	5505	4501	5983	29.58	cps
Tin	118-1	10164	9583	9246	9664	4.80	cps
Titanium	47-1	2774	1637	877	1762	54.17	cps

LB Number :

LB133538

Operator :

Jaswal

Lab Sample ID :

CCB004

Instrumnet Name :

P7

Client Sample ID :

CCB004

Dilution Factor :

1

Date & Time Acquired :

2024-11-20 10:19:57

DataFile Name :

018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	5441	2704	1213	3119	68.74	cps
Vanadium	51-2	123	93	103	107	14.32	cps
Yttrium	89-1	37611401	38360562	38642746	38204903	1.40	cps
Yttrium	89-2	9489899	9457784	9434440	9460708	0.29	cps
Zinc	66-2	14290	14407	13643	14113	2.92	cps
Zirconium	90-1	9827	8376	8169	8791	10.28	cps
Zirconium	91-1	2257	1783	1700	1913	15.69	cps

LB Number :LB133538Operator :Jaswal

Lab Sample ID :PB165018BLInstrumnet Name :P7

Client Sample ID :PBW018Dilution Factor :1

Date & Time Acquired :2024-11-20 10:23:13DataFile Name :019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	692	661	728	694	4.79	cps
Antimony	121-1	940	1263	1680	1295	28.66	cps
Arsenic	75-2	30	10	10	17	69.28	cps
Barium	135-1	370	403	337	370	9.01	cps
Barium	137-1	623	500	553	559	11.07	cps
Beryllium	9-1	78	122	128	109	25.08	cps
Bismuth	209-1	20629353	19898540	19929841	20152578	2.05	cps
Bismuth	209-2	16069632	16063638	15897391	16010220	0.61	cps
Bromine	81-1	15875	16396	16339	16203	1.76	cps
Bromine	81-2	117	90	130	112	18.15	cps
Cadmium	108-1	67	47	17	43	58.07	cps
Cadmium	106-1	10914	10184	10167	10422	4.09	cps
Cadmium	111-1	7727	7233	7202	7387	3.99	cps
Calcium	43-1	6905	7048	7025	6993	1.10	cps
Calcium	44-1	132825	135411	136552	134929	1.42	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6582	6525	6645	6584	0.91	cps
Cobalt	59-2	217	233	270	240	11.37	cps
Copper	63-2	2770	2744	3097	2870	6.86	cps
Dysprosium	156-1	67	60	50	59	14.25	cps
Dysprosium	156-2	13	17	23	18	28.64	cps
Erbium	164-1	143	137	153	144	5.81	cps
Erbium	164-2	110	87	83	93	15.57	cps
Gadolinium	160-1	160	157	130	149	11.04	cps
Gadolinium	160-2	1097	1240	1173	1170	6.13	cps
Holmium	165-1	34723329	33531931	33918149	34057803	1.78	cps
Holmium	165-2	23320187	23201749	23177138	23233025	0.33	cps
Indium	115-1	30244517	29143081	29296684	29561428	2.02	cps
Indium	115-2	9938519	9906323	9911316	9918719	0.17	cps
Iron	56-2	42391	40000	40143	40845	3.28	cps
Iron	57-2	1890	1847	1677	1805	6.25	cps
Iron	54-2	5231	5154	5034	5140	1.93	cps
Krypton	83-1	300	393	327	340	14.14	cps

LB Number : LB133538 Operator : Jaswal
Lab Sample ID : PB165018BL Instrumnet Name : P7
Client Sample ID : PBW018 Dilution Factor : 1
Date & Time Acquired : 2024-11-20 10:23:13 DataFile Name : 019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3474	3060	3180	3238	6.57	cps
Lead	207-1	2854	2800	2527	2727	6.43	cps
Lead	208-1	13243	12873	12516	12877	2.82	cps
Lithium	6-1	3267132	3332292	3239730	3279718	1.45	cps
Magnesium	24-2	3604	3610	3517	3577	1.46	cps
Manganese	55-2	13856	13353	14274	13828	3.33	cps
Molybdenum	94-1	1257	1440	1573	1423	11.17	cps
Molybdenum	95-1	417	537	590	514	17.26	cps
Molybdenum	96-1	713	803	863	793	9.52	cps
Molybdenum	97-1	360	367	347	358	2.85	cps
Molybdenum	98-1	753	843	973	857	12.91	cps
Neodymium	150-1	20	7	20	16	49.47	cps
Neodymium	150-2	3	17	13	11	62.48	cps
Nickel	60-2	690	773	680	714	7.17	cps
Phosphorus	31-2	393	390	347	377	6.91	cps
Potassium	39-2	90490	90426	89890	90269	0.37	cps
Rhodium	103-1	28440798	27808000	28036330	28095043	1.14	cps
Rhodium	103-2	16497809	16380906	16197263	16358659	0.93	cps
Scandium	45-1	16368702	16328609	16082621	16259977	0.95	cps
Scandium	45-2	1315974	1345373	1330459	1330602	1.10	cps
Selenium	82-1	646	496	462	535	18.28	cps
Selenium	77-2	0	13	3	6	124.93	cps
Selenium	78-2	533	457	500	497	7.74	cps
Silicon	28-1	1253997	1286522	1280646	1273722	1.36	cps
Silver	107-1	500	440	400	447	11.27	cps
Silver	109-1	393	400	333	376	9.78	cps
Sodium	23-2	85147	84520	84956	84874	0.38	cps
Strontium	86-1	1040	890	1003	978	8.00	cps
Strontium	88-1	3791	3781	4237	3936	6.63	cps
Sulfur	34-1	260701	263626	264044	262790	0.69	cps
Terbium	159-1	35543713	34390300	34823370	34919128	1.67	cps
Terbium	159-2	22647672	22801662	23343246	22930860	1.59	cps
Thallium	203-1	1277	1137	1170	1195	6.12	cps
Thallium	205-1	2800	2787	2624	2737	3.60	cps
Tin	118-1	8473	8539	8940	8651	2.92	cps
Titanium	47-1	277	330	253	287	13.71	cps

LB Number :

LB133538

Operator :

Jaswal

Lab Sample ID :

PB165018BL

Instrumnet Name :

P7

Client Sample ID :

PBW018

Dilution Factor :

1

Date & Time Acquired :

2024-11-20 10:23:13

DataFile Name :

019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	167	83	113	121	34.85	cps
Vanadium	51-2	53	53	63	57	10.19	cps
Yttrium	89-1	39867981	39101945	39465266	39478397	0.97	cps
Yttrium	89-2	9497724	9534534	9536735	9522998	0.23	cps
Zinc	66-2	14337	14033	13963	14111	1.41	cps
Zirconium	90-1	3034	3377	3741	3384	10.45	cps
Zirconium	91-1	607	703	853	721	17.24	cps

LB Number :

LB133538

Operator :

Jaswal

Lab Sample ID :

PB165018BS

Instrumnet Name :

P7

Client Sample ID :

LCS018

Dilution Factor :

1

Date & Time Acquired :

2024-11-20 10:26:27

DataFile Name :

020LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	22268	21777	22311	22119	1.34	cps
Antimony	121-1	102784	105768	107958	105504	2.46	cps
Arsenic	75-2	2700	2954	2730	2795	4.95	cps
Barium	135-1	122118	126126	126301	124848	1.89	cps
Barium	137-1	214164	218710	220124	217666	1.43	cps
Beryllium	9-1	5201	5212	5434	5282	2.49	cps
Bismuth	209-1	19691128	19073761	19245564	19336817	1.65	cps
Bismuth	209-2	16292716	16137895	16002451	16144354	0.90	cps
Bromine	81-1	16636	16556	17153	16782	1.93	cps
Bromine	81-2	93	127	77	99	25.75	cps
Cadmium	108-1	857	1000	1143	1000	14.33	cps
Cadmium	106-1	11818	11508	11188	11505	2.74	cps
Cadmium	111-1	21099	21342	20601	21014	1.80	cps
Calcium	43-1	74750	76987	78214	76650	2.29	cps
Calcium	44-1	1213249	1245269	1259209	1239242	1.90	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	50424	49815	49732	49990	0.76	cps
Cobalt	59-2	35636	36521	35268	35808	1.80	cps
Copper	63-2	56660	55178	56416	56085	1.42	cps
Dysprosium	156-1	47	57	43	49	14.20	cps
Dysprosium	156-2	20	37	23	27	33.08	cps
Erbium	164-1	180	90	160	143	32.97	cps
Erbium	164-2	113	70	77	87	26.92	cps
Gadolinium	160-1	160	183	127	157	18.18	cps
Gadolinium	160-2	1247	1227	1177	1217	2.96	cps
Holmium	165-1	33598022	32443549	32751075	32930882	1.82	cps
Holmium	165-2	23578185	23235338	23257375	23356966	0.82	cps
Indium	115-1	29256499	28599612	28914786	28923632	1.14	cps
Indium	115-2	9986982	9979827	10013662	9993490	0.18	cps
Iron	56-2	4091740	4068539	4140855	4100378	0.90	cps
Iron	57-2	105118	103134	104453	104235	0.97	cps
Iron	54-2	229023	231089	230227	230113	0.45	cps
Krypton	83-1	320	287	283	297	6.84	cps

LB Number : LB133538 Operator : Jaswal
Lab Sample ID : PB165018BS Instrumnet Name : P7
Client Sample ID : LCS018 Dilution Factor : 1
Date & Time Acquired : 2024-11-20 10:26:27 DataFile Name : 020LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	39133	40597	40918	40216	2.37	cps
Lead	207-1	34851	36566	35897	35772	2.42	cps
Lead	208-1	158703	163301	163674	161893	1.71	cps
Lithium	6-1	3293949	3113727	3187469	3198382	2.83	cps
Magnesium	24-2	934523	936146	927046	932571	0.52	cps
Manganese	55-2	29896	30548	31035	30493	1.87	cps
Molybdenum	94-1	111141	111383	112954	111826	0.88	cps
Molybdenum	95-1	131723	136543	136395	134887	2.03	cps
Molybdenum	96-1	148734	152233	152660	151209	1.42	cps
Molybdenum	97-1	83319	84569	85056	84315	1.06	cps
Molybdenum	98-1	214936	220936	219381	218418	1.43	cps
Neodymium	150-1	17	30	37	28	36.66	cps
Neodymium	150-2	10	20	23	18	39.03	cps
Nickel	60-2	9697	10100	10147	9981	2.48	cps
Phosphorus	31-2	407	397	437	413	5.04	cps
Potassium	39-2	1206337	1212910	1218123	1212457	0.49	cps
Rhodium	103-1	27953833	27332916	27231085	27505945	1.42	cps
Rhodium	103-2	16507827	16362134	16321728	16397229	0.60	cps
Scandium	45-1	16199469	15700221	16136028	16011906	1.70	cps
Scandium	45-2	1312519	1320081	1353983	1328861	1.66	cps
Selenium	82-1	4520	4818	4701	4680	3.20	cps
Selenium	77-2	457	380	400	412	9.65	cps
Selenium	78-2	1773	1823	1803	1800	1.40	cps
Silicon	28-1	1512200	1530928	1546991	1530040	1.14	cps
Silver	107-1	69154	70798	71254	70402	1.57	cps
Silver	109-1	65517	66736	68297	66850	2.08	cps
Sodium	23-2	1607959	1589034	1639111	1612035	1.57	cps
Strontium	86-1	17594	17724	18231	17850	1.89	cps
Strontium	88-1	151360	153343	154350	153018	0.99	cps
Sulfur	34-1	277499	279251	281920	279557	0.80	cps
Terbium	159-1	34454049	33486583	33792477	33911036	1.46	cps
Terbium	159-2	23212559	23029615	23161936	23134703	0.41	cps
Thallium	203-1	46332	46235	46961	46509	0.85	cps
Thallium	205-1	108192	109937	111176	109768	1.37	cps
Tin	118-1	8496	8903	9223	8874	4.11	cps
Titanium	47-1	32652	33487	33567	33235	1.53	cps

LB Number :

LB133538

Operator :

Jaswal

Lab Sample ID :

PB165018BS

Instrumnet Name :

P7

Client Sample ID :

LCS018

Dilution Factor :

1

Date & Time Acquired :

2024-11-20 10:26:27

DataFile Name :

020LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	129948	133149	136602	133233	2.50	cps
Vanadium	51-2	92149	91532	91200	91627	0.53	cps
Yttrium	89-1	39339742	38251927	38940327	38843999	1.42	cps
Yttrium	89-2	9665945	9533687	9568719	9589450	0.71	cps
Zinc	66-2	36825	36458	36070	36451	1.04	cps
Zirconium	90-1	93941	97843	97138	96308	2.16	cps
Zirconium	91-1	20838	21579	20858	21092	2.00	cps

LB Number :LB133538Operator :Jaswal

Lab Sample ID :PB165103BLInstrumnet Name :P7

Client Sample ID :PBW103Dilution Factor :1

Date & Time Acquired :2024-11-20 10:29:41DataFile Name :021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	701	651	721	691	5.19	cps
Antimony	121-1	453	547	640	547	17.07	cps
Arsenic	75-2	17	17	3	12	63.01	cps
Barium	135-1	350	353	407	370	8.59	cps
Barium	137-1	610	660	580	617	6.55	cps
Beryllium	9-1	61	67	78	69	12.39	cps
Bismuth	209-1	19771608	19812836	19877437	19820627	0.27	cps
Bismuth	209-2	16143868	16297169	16105137	16182058	0.63	cps
Bromine	81-1	17300	17540	17324	17388	0.76	cps
Bromine	81-2	100	113	80	98	17.16	cps
Cadmium	108-1	37	43	37	39	9.89	cps
Cadmium	106-1	10697	10374	10591	10554	1.56	cps
Cadmium	111-1	7556	7348	7468	7457	1.40	cps
Calcium	43-1	7088	7529	7365	7327	3.04	cps
Calcium	44-1	137533	137261	137695	137496	0.16	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7225	6648	6985	6953	4.17	cps
Cobalt	59-2	330	297	337	321	6.67	cps
Copper	63-2	2800	2850	2854	2835	1.05	cps
Dysprosium	156-1	43	30	43	39	19.79	cps
Dysprosium	156-2	17	10	17	14	26.66	cps
Erbium	164-1	97	107	160	121	28.11	cps
Erbium	164-2	77	63	87	76	15.50	cps
Gadolinium	160-1	187	160	167	171	8.11	cps
Gadolinium	160-2	1163	1250	1187	1200	3.74	cps
Holmium	165-1	33747209	33860863	34165945	33924672	0.64	cps
Holmium	165-2	23343215	23426120	23230876	23333404	0.42	cps
Indium	115-1	29516668	29402075	29926174	29614972	0.93	cps
Indium	115-2	10083894	9966650	10079164	10043236	0.66	cps
Iron	56-2	41216	41236	42015	41489	1.10	cps
Iron	57-2	1947	1990	1930	1956	1.58	cps
Iron	54-2	5461	5418	5418	5432	0.46	cps
Krypton	83-1	287	290	260	279	5.90	cps

LB Number : LB133538 Operator : Jaswal
Lab Sample ID : PB165103BL Instrumnet Name : P7
Client Sample ID : PBW103 Dilution Factor : 1
Date & Time Acquired : 2024-11-20 10:29:41 DataFile Name : 021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2997	3170	3004	3057	3.21	cps
Lead	207-1	2670	2527	2820	2673	5.49	cps
Lead	208-1	11732	12106	12162	12000	1.95	cps
Lithium	6-1	3247186	3288040	3247186	3260804	0.72	cps
Magnesium	24-2	3784	3804	3977	3855	2.76	cps
Manganese	55-2	14380	14020	13930	14110	1.69	cps
Molybdenum	94-1	1107	1190	1864	1387	29.93	cps
Molybdenum	95-1	317	290	987	531	74.36	cps
Molybdenum	96-1	387	507	1608	834	80.73	cps
Molybdenum	97-1	220	153	650	341	79.05	cps
Molybdenum	98-1	517	497	1374	796	62.94	cps
Neodymium	150-1	23	23	30	26	15.07	cps
Neodymium	150-2	10	27	3	13	90.16	cps
Nickel	60-2	757	807	703	756	6.84	cps
Phosphorus	31-2	390	463	400	418	9.52	cps
Potassium	39-2	87446	86608	86504	86852	0.59	cps
Rhodium	103-1	28034065	28250679	28556416	28280387	0.93	cps
Rhodium	103-2	16688611	16411470	16515424	16538502	0.85	cps
Scandium	45-1	16221555	16408684	16652528	16427589	1.32	cps
Scandium	45-2	1365117	1336128	1385313	1362186	1.81	cps
Selenium	82-1	652	629	591	624	4.94	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	453	473	440	456	3.68	cps
Silicon	28-1	1289496	1324784	1329511	1314597	1.66	cps
Silver	107-1	430	500	510	480	9.08	cps
Silver	109-1	390	367	410	389	5.58	cps
Sodium	23-2	79993	79936	79966	79965	0.04	cps
Strontium	86-1	930	960	1120	1003	10.18	cps
Strontium	88-1	4147	4331	4988	4489	9.85	cps
Sulfur	34-1	283818	281546	282412	282592	0.41	cps
Terbium	159-1	34647900	35303484	34933479	34961621	0.94	cps
Terbium	159-2	23593337	23035868	23103803	23244336	1.31	cps
Thallium	203-1	853	737	913	834	10.77	cps
Thallium	205-1	1940	1867	1867	1891	2.24	cps
Tin	118-1	8102	8363	8553	8339	2.71	cps
Titanium	47-1	270	257	267	264	2.62	cps

LB Number :

LB133538

Operator :

Jaswal

Lab Sample ID :

PB165103BL

Instrumnet Name :

P7

Client Sample ID :

PBW103

Dilution Factor :

1

Date & Time Acquired :

2024-11-20 10:29:41

DataFile Name :

021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	100	77	90	89	13.17	cps
Vanadium	51-2	30	37	33	33	10.01	cps
Yttrium	89-1	39641622	39950238	40178509	39923456	0.67	cps
Yttrium	89-2	9748514	9737266	9704352	9730044	0.24	cps
Zinc	66-2	14741	14674	13933	14449	3.10	cps
Zirconium	90-1	2410	2704	3247	2787	15.24	cps
Zirconium	91-1	473	650	690	604	19.07	cps

LB Number :LB133538Operator :Jaswal

Lab Sample ID :PB165103BSInstrumnet Name :P7

Client Sample ID :LCS103Dilution Factor :1

Date & Time Acquired :2024-11-20 10:32:55DataFile Name :022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	22475	21696	22276	22149	1.83	cps
Antimony	121-1	104153	105930	106370	105484	1.11	cps
Arsenic	75-2	2747	2754	2730	2744	0.44	cps
Barium	135-1	125017	125292	128652	126320	1.60	cps
Barium	137-1	216442	220496	217286	218075	0.98	cps
Beryllium	9-1	5151	5384	5123	5219	2.75	cps
Bismuth	209-1	19792669	19849611	19642761	19761680	0.54	cps
Bismuth	209-2	16127281	16016020	15757014	15966772	1.19	cps
Bromine	81-1	16740	17747	17387	17291	2.95	cps
Bromine	81-2	130	97	87	104	21.72	cps
Cadmium	108-1	1060	1060	1013	1044	2.58	cps
Cadmium	106-1	11942	11942	12078	11987	0.66	cps
Cadmium	111-1	21424	21431	21649	21501	0.60	cps
Calcium	43-1	76120	76890	78113	77041	1.30	cps
Calcium	44-1	1254501	1262203	1267698	1261467	0.53	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	49943	51548	50384	50625	1.64	cps
Cobalt	59-2	35656	36605	35936	36066	1.35	cps
Copper	63-2	56503	56469	56456	56476	0.04	cps
Dysprosium	156-1	27	50	83	53	53.39	cps
Dysprosium	156-2	30	20	27	26	19.92	cps
Erbium	164-1	167	153	110	143	20.67	cps
Erbium	164-2	63	90	80	78	17.32	cps
Gadolinium	160-1	110	120	157	129	19.06	cps
Gadolinium	160-2	1313	1233	1353	1300	4.70	cps
Holmium	165-1	33752471	34011024	34225630	33996375	0.70	cps
Holmium	165-2	23322570	23024787	23296777	23214711	0.71	cps
Indium	115-1	29419736	29344536	29775571	29513281	0.78	cps
Indium	115-2	10217920	10061326	9869002	10049416	1.74	cps
Iron	56-2	4153091	4151128	4120644	4141621	0.44	cps
Iron	57-2	104084	105426	104641	104717	0.64	cps
Iron	54-2	231178	230334	234166	231892	0.87	cps
Krypton	83-1	300	303	293	299	1.70	cps

LB Number : LB133538

Operator : Jaswal

Lab Sample ID : PB165103BS

Instrumnet Name : P7

Client Sample ID : LCS103

Dilution Factor : 1

Date & Time Acquired : 2024-11-20 10:32:55

DataFile Name : 022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	39216	40644	40477	40112	1.95	cps
Lead	207-1	34511	34871	35296	34893	1.13	cps
Lead	208-1	157399	161264	159190	159284	1.21	cps
Lithium	6-1	3226570	3297878	3285670	3270039	1.17	cps
Magnesium	24-2	938603	940161	938859	939208	0.09	cps
Manganese	55-2	30938	30782	30822	30847	0.26	cps
Molybdenum	94-1	111695	114224	115134	113685	1.57	cps
Molybdenum	95-1	134976	136896	136947	136273	0.82	cps
Molybdenum	96-1	150361	152408	152586	151785	0.81	cps
Molybdenum	97-1	84703	85649	85518	85290	0.60	cps
Molybdenum	98-1	216749	218915	221183	218949	1.01	cps
Neodymium	150-1	20	20	27	22	17.33	cps
Neodymium	150-2	10	10	7	9	21.63	cps
Nickel	60-2	10077	10584	10234	10298	2.52	cps
Phosphorus	31-2	417	423	467	436	6.23	cps
Potassium	39-2	1240555	1217407	1210074	1222679	1.30	cps
Rhodium	103-1	28318998	28270995	28367175	28319056	0.17	cps
Rhodium	103-2	16661153	16374854	16227686	16421231	1.34	cps
Scandium	45-1	16394264	16799240	16799086	16664197	1.40	cps
Scandium	45-2	1330792	1344420	1354421	1343211	0.88	cps
Selenium	82-1	4847	4694	4693	4744	1.87	cps
Selenium	77-2	403	347	367	372	7.72	cps
Selenium	78-2	1837	1773	1873	1828	2.77	cps
Silicon	28-1	1543309	1568290	1566643	1559414	0.90	cps
Silver	107-1	69569	72141	71729	71147	1.94	cps
Silver	109-1	66441	67653	68383	67493	1.45	cps
Sodium	23-2	1591000	1650633	1613869	1618501	1.86	cps
Strontium	86-1	18145	18478	18311	18311	0.91	cps
Strontium	88-1	153226	154017	155220	154154	0.65	cps
Sulfur	34-1	295208	294481	294727	294805	0.13	cps
Terbium	159-1	34649046	34842659	34667171	34719625	0.31	cps
Terbium	159-2	22988906	22940930	23264045	23064627	0.76	cps
Thallium	203-1	45813	45904	46466	46061	0.77	cps
Thallium	205-1	107218	109126	110675	109007	1.59	cps
Tin	118-1	8776	9230	8980	8995	2.53	cps
Titanium	47-1	32916	33193	33423	33177	0.77	cps

LB Number :

LB133538

Operator :

Jaswal

Lab Sample ID :

PB165103BS

Instrumnet Name :

P7

Client Sample ID :

LCS103

Dilution Factor :

1

Date & Time Acquired :

2024-11-20 10:32:55

DataFile Name :

022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	131371	133175	132957	132501	0.74	cps
Vanadium	51-2	92592	91559	91807	91986	0.59	cps
Yttrium	89-1	39644387	40732878	40044658	40140641	1.37	cps
Yttrium	89-2	9720508	9643643	9670118	9678090	0.40	cps
Zinc	66-2	35071	35699	35689	35487	1.01	cps
Zirconium	90-1	95424	96642	98151	96739	1.41	cps
Zirconium	91-1	20718	21215	21876	21270	2.73	cps

LB Number : LB133538 Operator : Jaswal
Lab Sample ID : PB165104BL Instrumnet Name : P7
Client Sample ID : PBW104 Dilution Factor : 1
Date & Time Acquired : 2024-11-20 10:36:08 DataFile Name : 023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	634	611	634	626	2.15	cps
Antimony	121-1	323	370	443	379	15.97	cps
Arsenic	75-2	13	13	17	14	13.35	cps
Barium	135-1	340	343	390	358	7.81	cps
Barium	137-1	580	577	623	593	4.39	cps
Beryllium	9-1	94	89	94	93	3.47	cps
Bismuth	209-1	20066660	18609591	19568275	19414842	3.81	cps
Bismuth	209-2	16030443	16092796	15855601	15992947	0.77	cps
Bromine	81-1	18175	17153	17591	17640	2.90	cps
Bromine	81-2	113	83	110	102	16.09	cps
Cadmium	108-1	33	20	10	21	55.45	cps
Cadmium	106-1	10884	9947	10637	10489	4.63	cps
Cadmium	111-1	7682	7049	7512	7414	4.42	cps
Calcium	43-1	6992	7515	7385	7297	3.74	cps
Calcium	44-1	135754	139564	139407	138242	1.56	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6975	6682	7002	6886	2.58	cps
Cobalt	59-2	310	347	380	346	10.13	cps
Copper	63-2	2930	2814	2797	2847	2.55	cps
Dysprosium	156-1	17	43	40	33	43.58	cps
Dysprosium	156-2	10	3	20	11	75.52	cps
Erbium	164-1	140	107	150	132	17.16	cps
Erbium	164-2	60	107	70	79	31.15	cps
Gadolinium	160-1	230	143	147	173	28.33	cps
Gadolinium	160-2	1233	1187	1290	1237	4.18	cps
Holmium	165-1	34618977	31758615	33768635	33382075	4.40	cps
Holmium	165-2	23152414	23159295	23160973	23157561	0.02	cps
Indium	115-1	30710920	27744403	29923627	29459650	5.22	cps
Indium	115-2	9999763	10024615	9985357	10003245	0.20	cps
Iron	56-2	41898	41581	41521	41667	0.49	cps
Iron	57-2	1893	1987	2060	1980	4.22	cps
Iron	54-2	5448	5384	5178	5337	2.65	cps
Krypton	83-1	340	360	327	342	4.90	cps

LB Number : LB133538 Operator : Jaswal
Lab Sample ID : PB165104BL Instrumnet Name : P7
Client Sample ID : PBW104 Dilution Factor : 1
Date & Time Acquired : 2024-11-20 10:36:08 DataFile Name : 023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2740	2844	2820	2801	1.94	cps
Lead	207-1	2454	2560	2524	2512	2.16	cps
Lead	208-1	11285	11232	11479	11332	1.15	cps
Lithium	6-1	3366945	3116670	3273019	3252211	3.89	cps
Magnesium	24-2	3574	3680	3520	3592	2.27	cps
Manganese	55-2	14837	14494	14163	14498	2.32	cps
Molybdenum	94-1	867	953	1013	944	7.81	cps
Molybdenum	95-1	233	197	203	211	9.25	cps
Molybdenum	96-1	443	377	400	407	8.32	cps
Molybdenum	97-1	207	110	137	151	33.04	cps
Molybdenum	98-1	380	310	307	332	12.46	cps
Neodymium	150-1	20	17	10	16	32.73	cps
Neodymium	150-2	10	13	7	10	33.30	cps
Nickel	60-2	713	743	633	697	8.16	cps
Phosphorus	31-2	453	440	397	430	6.89	cps
Potassium	39-2	85381	84245	84087	84571	0.83	cps
Rhodium	103-1	29343081	27075391	28677407	28365293	4.11	cps
Rhodium	103-2	16298146	16343554	16365028	16335576	0.21	cps
Scandium	45-1	16819266	15580569	16717286	16372374	4.20	cps
Scandium	45-2	1341757	1361372	1355090	1352740	0.74	cps
Selenium	82-1	525	419	446	464	11.93	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	527	513	440	493	9.46	cps
Silicon	28-1	1361522	1354072	1354477	1356690	0.31	cps
Silver	107-1	473	460	363	432	13.89	cps
Silver	109-1	370	287	267	308	17.81	cps
Sodium	23-2	76381	77145	80112	77880	2.53	cps
Strontium	86-1	967	1037	1000	1001	3.50	cps
Strontium	88-1	4341	4331	4361	4344	0.35	cps
Sulfur	34-1	294773	291678	294464	293638	0.58	cps
Terbium	159-1	35360808	32968430	34803280	34377506	3.64	cps
Terbium	159-2	22957643	22622980	22998370	22859664	0.90	cps
Thallium	203-1	620	723	540	628	14.64	cps
Thallium	205-1	1603	1643	1460	1569	6.14	cps
Tin	118-1	8202	8219	8339	8254	0.90	cps
Titanium	47-1	327	250	270	282	14.09	cps

LB Number :

LB133538

Operator :

Jaswal

Lab Sample ID :

PB165104BL

Instrumnet Name :

P7

Client Sample ID :

PBW104

Dilution Factor :

1

Date & Time Acquired :

2024-11-20 10:36:08

DataFile Name :

023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	103	87	77	89	15.16	cps
Vanadium	51-2	63	50	63	59	13.07	cps
Yttrium	89-1	40621571	37629187	40329955	39526904	4.17	cps
Yttrium	89-2	9586456	9590678	9689680	9622272	0.61	cps
Zinc	66-2	14180	14100	14244	14175	0.51	cps
Zirconium	90-1	2450	2420	2907	2592	10.52	cps
Zirconium	91-1	463	550	593	536	12.36	cps

LB Number :LB133538Operator :Jaswal

Lab Sample ID :PB165104BSInstrumnet Name :P7

Client Sample ID :LCS104Dilution Factor :1

Date & Time Acquired :2024-11-20 10:39:22DataFile Name :024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	21497	21970	21949	21806	1.22	cps
Antimony	121-1	105023	105738	106225	105662	0.57	cps
Arsenic	75-2	2820	2814	2770	2801	0.97	cps
Barium	135-1	124132	126744	126519	125798	1.15	cps
Barium	137-1	215271	219171	218052	217498	0.92	cps
Beryllium	9-1	5073	4890	4879	4947	2.21	cps
Bismuth	209-1	19413621	19421737	19529627	19454995	0.33	cps
Bismuth	209-2	15742280	16051962	15940369	15911537	0.99	cps
Bromine	81-1	17023	16927	16987	16979	0.29	cps
Bromine	81-2	103	103	107	104	1.84	cps
Cadmium	108-1	1123	1100	1090	1105	1.55	cps
Cadmium	106-1	12569	12105	11835	12170	3.05	cps
Cadmium	111-1	21605	22027	21325	21652	1.63	cps
Calcium	43-1	76853	78562	77677	77698	1.10	cps
Calcium	44-1	1215959	1266945	1249917	1244274	2.09	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	50564	50026	50926	50505	0.90	cps
Cobalt	59-2	36421	36140	35930	36164	0.68	cps
Copper	63-2	56630	56239	56583	56484	0.38	cps
Dysprosium	156-1	43	57	33	44	26.35	cps
Dysprosium	156-2	23	23	20	22	8.65	cps
Erbium	164-1	140	130	153	141	8.30	cps
Erbium	164-2	97	63	57	72	29.67	cps
Gadolinium	160-1	150	170	163	161	6.32	cps
Gadolinium	160-2	1160	1270	1187	1206	4.76	cps
Holmium	165-1	33828760	33618497	33536297	33661185	0.45	cps
Holmium	165-2	23067145	22900858	22800986	22922996	0.59	cps
Indium	115-1	29452040	30164057	29884930	29833676	1.20	cps
Indium	115-2	9976758	9961773	10066127	10001552	0.56	cps
Iron	56-2	4110263	4109558	4053957	4091259	0.79	cps
Iron	57-2	103872	104251	103476	103867	0.37	cps
Iron	54-2	230190	229666	227835	229230	0.54	cps
Krypton	83-1	347	287	310	314	9.62	cps

LB Number :LB133538Operator :Jaswal

Lab Sample ID :PB165104BSInstrumnet Name :P7

Client Sample ID :LCS104Dilution Factor :1

Date & Time Acquired :2024-11-20 10:39:22DataFile Name :024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	38671	39119	39437	39076	0.98	cps
Lead	207-1	34688	34634	34454	34592	0.35	cps
Lead	208-1	155559	157335	156724	156539	0.58	cps
Lithium	6-1	3226148	3260476	3126259	3204294	2.18	cps
Magnesium	24-2	924988	918532	931737	925086	0.71	cps
Manganese	55-2	30594	30174	30387	30385	0.69	cps
Molybdenum	94-1	111053	113814	112669	112512	1.23	cps
Molybdenum	95-1	134037	136695	136655	135795	1.12	cps
Molybdenum	96-1	149576	153600	153041	152072	1.43	cps
Molybdenum	97-1	84331	84951	85052	84778	0.46	cps
Molybdenum	98-1	216559	218737	221103	218799	1.04	cps
Neodymium	150-1	20	33	20	24	31.49	cps
Neodymium	150-2	0	3	20	8	137.80	cps
Nickel	60-2	10224	10020	10117	10120	1.01	cps
Phosphorus	31-2	430	413	443	429	3.50	cps
Potassium	39-2	1212953	1216796	1219750	1216500	0.28	cps
Rhodium	103-1	28415933	28334436	28216450	28322273	0.35	cps
Rhodium	103-2	16352957	16429998	16396961	16393305	0.24	cps
Scandium	45-1	16400976	16778808	16651701	16610495	1.16	cps
Scandium	45-2	1352301	1324171	1323531	1333335	1.23	cps
Selenium	82-1	4752	4850	4629	4744	2.33	cps
Selenium	77-2	407	327	380	371	10.98	cps
Selenium	78-2	1763	1860	1877	1833	3.34	cps
Silicon	28-1	1594121	1632267	1580802	1602397	1.67	cps
Silver	107-1	68990	70791	70859	70213	1.51	cps
Silver	109-1	66033	67603	68712	67449	2.00	cps
Sodium	23-2	1620279	1588672	1618936	1609296	1.11	cps
Strontium	86-1	17747	18251	18028	18009	1.40	cps
Strontium	88-1	152480	153370	156106	153985	1.23	cps
Sulfur	34-1	299386	295133	296707	297075	0.72	cps
Terbium	159-1	34628015	34885654	34796354	34770008	0.38	cps
Terbium	159-2	22805586	22934546	22874310	22871481	0.28	cps
Thallium	203-1	45011	45586	45736	45444	0.84	cps
Thallium	205-1	106839	108199	106358	107132	0.89	cps
Tin	118-1	8733	8569	8659	8654	0.95	cps
Titanium	47-1	33330	34422	33617	33790	1.68	cps

LB Number :

LB133538

Operator :

Jaswal

Lab Sample ID :

PB165104BS

Instrumnet Name :

P7

Client Sample ID :

LCS104

Dilution Factor :

1

Date & Time Acquired :

2024-11-20 10:39:22

DataFile Name :

024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	128981	130563	130212	129919	0.64	cps
Vanadium	51-2	90697	91271	89902	90623	0.76	cps
Yttrium	89-1	39596123	40026025	39756778	39792975	0.55	cps
Yttrium	89-2	9636454	9626396	9599286	9620712	0.20	cps
Zinc	66-2	35038	34794	34737	34856	0.46	cps
Zirconium	90-1	95333	97340	97189	96621	1.16	cps
Zirconium	91-1	21553	21339	21205	21366	0.82	cps

LB Number : LB133538 Operator : Jaswal
Lab Sample ID : PB165107BL Instrumnet Name : P7
Client Sample ID : PBS107 Dilution Factor : 1
Date & Time Acquired : 2024-11-20 10:42:35 DataFile Name : 025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	634	621	567	608	5.83	cps
Antimony	121-1	187	193	297	226	27.34	cps
Arsenic	75-2	3	20	13	12	68.66	cps
Barium	135-1	337	407	350	364	10.20	cps
Barium	137-1	670	653	560	628	9.44	cps
Beryllium	9-1	83	78	39	67	36.33	cps
Bismuth	209-1	19438283	19569898	19632792	19546991	0.51	cps
Bismuth	209-2	15962388	16002951	15960411	15975250	0.15	cps
Bromine	81-1	17053	16443	16713	16736	1.83	cps
Bromine	81-2	67	127	107	100	30.55	cps
Cadmium	108-1	40	30	40	37	15.75	cps
Cadmium	106-1	10634	10387	10377	10466	1.39	cps
Cadmium	111-1	7459	7310	7306	7358	1.19	cps
Calcium	43-1	7352	7555	7682	7530	2.21	cps
Calcium	44-1	135852	137550	137678	137027	0.74	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6688	6772	6722	6727	0.62	cps
Cobalt	59-2	317	257	330	301	12.97	cps
Copper	63-2	2560	2427	2710	2566	5.53	cps
Dysprosium	156-1	43	70	47	53	27.24	cps
Dysprosium	156-2	17	40	10	22	70.88	cps
Erbium	164-1	117	140	160	139	15.61	cps
Erbium	164-2	80	53	87	73	24.06	cps
Gadolinium	160-1	177	110	160	149	23.30	cps
Gadolinium	160-2	1277	1277	1263	1272	0.61	cps
Holmium	165-1	32991495	33598061	33643641	33411066	1.09	cps
Holmium	165-2	23122389	22824930	23035157	22994159	0.66	cps
Indium	115-1	29318558	29590977	29598908	29502814	0.54	cps
Indium	115-2	10150498	10065437	9938330	10051422	1.06	cps
Iron	56-2	40003	41213	39666	40294	2.02	cps
Iron	57-2	1877	1907	2107	1963	6.37	cps
Iron	54-2	5514	5138	5208	5287	3.79	cps
Krypton	83-1	267	307	363	312	15.56	cps

LB Number : LB133538 Operator : Jaswal
Lab Sample ID : PB165107BL Instrumnet Name : P7
Client Sample ID : PBS107 Dilution Factor : 1
Date & Time Acquired : 2024-11-20 10:42:35 DataFile Name : 025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2757	2600	2584	2647	3.61	cps
Lead	207-1	2294	2284	2307	2295	0.51	cps
Lead	208-1	10842	10208	10658	10570	3.08	cps
Lithium	6-1	3223572	3222880	3243160	3229871	0.36	cps
Magnesium	24-2	3597	3504	3484	3528	1.71	cps
Manganese	55-2	14307	14083	14554	14315	1.64	cps
Molybdenum	94-1	843	933	917	898	5.33	cps
Molybdenum	95-1	180	180	197	186	5.19	cps
Molybdenum	96-1	373	380	337	363	6.42	cps
Molybdenum	97-1	117	137	123	126	8.11	cps
Molybdenum	98-1	290	277	307	291	5.16	cps
Neodymium	150-1	23	13	33	23	42.86	cps
Neodymium	150-2	10	17	13	13	25.01	cps
Nickel	60-2	720	697	690	702	2.24	cps
Phosphorus	31-2	417	423	393	411	3.83	cps
Potassium	39-2	82358	82368	83236	82654	0.61	cps
Rhodium	103-1	28281715	28247258	28489028	28339333	0.46	cps
Rhodium	103-2	16429032	16513214	16316394	16419546	0.60	cps
Scandium	45-1	16326814	16458364	16632838	16472672	0.93	cps
Scandium	45-2	1345843	1366287	1380904	1364345	1.29	cps
Selenium	82-1	549	460	506	505	8.85	cps
Selenium	77-2	7	3	0	3	100.05	cps
Selenium	78-2	500	507	513	507	1.32	cps
Silicon	28-1	1361532	1423946	1388675	1391384	2.25	cps
Silver	107-1	453	333	403	397	15.20	cps
Silver	109-1	313	277	243	278	12.60	cps
Sodium	23-2	74274	74442	74402	74373	0.12	cps
Strontium	86-1	983	957	1043	994	4.46	cps
Strontium	88-1	4291	4574	4361	4408	3.35	cps
Sulfur	34-1	289822	290524	289775	290040	0.14	cps
Terbium	159-1	34386433	34295100	34596979	34426171	0.45	cps
Terbium	159-2	22917610	22853073	22661078	22810587	0.58	cps
Thallium	203-1	443	497	447	462	6.46	cps
Thallium	205-1	1107	993	1003	1034	6.07	cps
Tin	118-1	8249	8102	8726	8359	3.90	cps
Titanium	47-1	317	243	237	266	16.71	cps

LB Number :

LB133538

Operator :

Jaswal

Lab Sample ID :

PB165107BL

Instrumnet Name :

P7

Client Sample ID :

PBS107

Dilution Factor :

1

Date & Time Acquired :

2024-11-20 10:42:35

DataFile Name :

025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	117	87	70	91	25.96	cps
Vanadium	51-2	57	60	40	52	20.52	cps
Yttrium	89-1	39434718	40267240	40121014	39940991	1.11	cps
Yttrium	89-2	9664983	9719529	9738244	9707585	0.39	cps
Zinc	66-2	14080	14264	13907	14083	1.27	cps
Zirconium	90-1	2060	2384	2567	2337	10.98	cps
Zirconium	91-1	423	543	637	534	20.01	cps

LB Number : LB133538 Operator : Jaswal
Lab Sample ID : PB165107BS Instrumnet Name : P7
Client Sample ID : LCS107 Dilution Factor : 1
Date & Time Acquired : 2024-11-20 10:45:50 DataFile Name : 026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	22083	22491	22019	22198	1.15	cps
Antimony	121-1	105396	106991	105933	106107	0.76	cps
Arsenic	75-2	2984	2617	2757	2786	6.64	cps
Barium	135-1	122568	125195	127172	124978	1.85	cps
Barium	137-1	215292	220040	221154	218829	1.42	cps
Beryllium	9-1	5045	5018	4973	5012	0.73	cps
Bismuth	209-1	19097965	19862078	19548399	19502814	1.97	cps
Bismuth	209-2	15980411	16044720	16219249	16081460	0.77	cps
Bromine	81-1	16606	17397	16860	16954	2.38	cps
Bromine	81-2	63	127	90	93	34.07	cps
Cadmium	108-1	1083	920	1010	1004	8.15	cps
Cadmium	106-1	11922	11958	12269	12050	1.58	cps
Cadmium	111-1	21076	21720	21611	21469	1.60	cps
Calcium	43-1	75225	78344	79041	77537	2.62	cps
Calcium	44-1	1238706	1285009	1256458	1260058	1.85	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	51681	51304	51956	51647	0.63	cps
Cobalt	59-2	37032	35706	36377	36372	1.82	cps
Copper	63-2	57704	58022	57386	57704	0.55	cps
Dysprosium	156-1	73	53	33	53	37.50	cps
Dysprosium	156-2	23	30	27	27	12.51	cps
Erbium	164-1	113	147	110	123	16.44	cps
Erbium	164-2	93	103	87	94	8.88	cps
Gadolinium	160-1	150	143	180	158	12.38	cps
Gadolinium	160-2	1310	1337	1270	1306	2.57	cps
Holmium	165-1	33328376	33730586	33536201	33531721	0.60	cps
Holmium	165-2	23050083	23359571	23386621	23265425	0.80	cps
Indium	115-1	29508257	29910381	30179164	29865934	1.13	cps
Indium	115-2	10111691	9999189	9913966	10008282	0.99	cps
Iron	56-2	4170281	4149610	4153321	4157737	0.27	cps
Iron	57-2	105040	105490	103464	104665	1.02	cps
Iron	54-2	232769	231399	231960	232042	0.30	cps
Krypton	83-1	373	343	280	332	14.34	cps

LB Number : LB133538 Operator : Jaswal
Lab Sample ID : PB165107BS Instrumnet Name : P7
Client Sample ID : LCS107 Dilution Factor : 1
Date & Time Acquired : 2024-11-20 10:45:50 DataFile Name : 026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	38902	40443	38926	39424	2.24	cps
Lead	207-1	34056	35185	34624	34622	1.63	cps
Lead	208-1	153850	160958	157279	157362	2.26	cps
Lithium	6-1	3149202	3298462	3258918	3235527	2.39	cps
Magnesium	24-2	950136	938057	943110	943767	0.64	cps
Manganese	55-2	30761	31299	30494	30852	1.33	cps
Molybdenum	94-1	111762	113136	114768	113222	1.33	cps
Molybdenum	95-1	134340	136963	136432	135912	1.02	cps
Molybdenum	96-1	151135	154759	153678	153190	1.21	cps
Molybdenum	97-1	84536	86829	86102	85822	1.37	cps
Molybdenum	98-1	217029	221773	218937	219246	1.09	cps
Neodymium	150-1	30	30	37	32	11.95	cps
Neodymium	150-2	17	27	13	19	36.75	cps
Nickel	60-2	10160	9983	10060	10068	0.88	cps
Phosphorus	31-2	470	407	413	430	8.09	cps
Potassium	39-2	1261607	1245787	1239692	1249029	0.91	cps
Rhodium	103-1	28330312	28855769	28742939	28643007	0.97	cps
Rhodium	103-2	16324376	16451016	16308919	16361437	0.48	cps
Scandium	45-1	16623336	16853180	16700484	16725667	0.70	cps
Scandium	45-2	1364665	1367765	1370864	1367765	0.23	cps
Selenium	82-1	4558	4846	4674	4693	3.09	cps
Selenium	77-2	360	400	467	409	13.18	cps
Selenium	78-2	1897	1717	1817	1810	4.98	cps
Silicon	28-1	1606811	1631397	1638931	1625713	1.03	cps
Silver	107-1	70028	70698	71348	70691	0.93	cps
Silver	109-1	66408	67828	68899	67711	1.85	cps
Sodium	23-2	1626470	1641232	1615114	1627605	0.80	cps
Strontium	86-1	18031	18138	18375	18181	0.97	cps
Strontium	88-1	152087	154654	156193	154311	1.34	cps
Sulfur	34-1	302446	300920	303289	302219	0.40	cps
Terbium	159-1	34280642	34511322	35255695	34682553	1.47	cps
Terbium	159-2	23030722	23133151	23433114	23198996	0.90	cps
Thallium	203-1	45616	45857	47011	46161	1.62	cps
Thallium	205-1	106080	109204	108035	107773	1.46	cps
Tin	118-1	8686	9026	9010	8907	2.15	cps
Titanium	47-1	33080	34276	34095	33817	1.91	cps

LB Number :

LB133538

Operator :

Jaswal

Lab Sample ID :

PB165107BS

Instrumnet Name :

P7

Client Sample ID :

LCS107

Dilution Factor :

1

Date & Time Acquired :

2024-11-20 10:45:50

DataFile Name :

026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	128577	130398	130348	129774	0.80	cps
Vanadium	51-2	93511	92081	94024	93205	1.08	cps
Yttrium	89-1	39228562	40603668	40507114	40113115	1.91	cps
Yttrium	89-2	9713987	9860493	9750422	9774967	0.78	cps
Zinc	66-2	35064	34694	34032	34597	1.51	cps
Zirconium	90-1	95518	96924	97521	96654	1.06	cps
Zirconium	91-1	20892	21733	21700	21441	2.22	cps

LB Number : LB133538 Operator : Jaswal
Lab Sample ID : P4728-16 Instrumnet Name : P7
Client Sample ID : MBH9G9 Dilution Factor : 1
Date & Time Acquired : 2024-11-20 10:49:04 DataFile Name : 027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1235	1198	1565	1333	15.19	cps
Antimony	121-1	183	193	210	196	6.89	cps
Arsenic	75-2	13	3	37	18	96.24	cps
Barium	135-1	303	327	340	323	5.74	cps
Barium	137-1	617	523	503	548	11.04	cps
Beryllium	9-1	44	67	111	74	45.82	cps
Bismuth	209-1	21777926	21514113	21259541	21517193	1.20	cps
Bismuth	209-2	16973684	16824754	17244074	17014170	1.25	cps
Bromine	81-1	17460	18071	17818	17783	1.73	cps
Bromine	81-2	93	110	77	93	17.86	cps
Cadmium	108-1	30	27	37	31	16.37	cps
Cadmium	106-1	12265	11721	10911	11633	5.86	cps
Cadmium	111-1	8621	8256	7655	8178	5.97	cps
Calcium	43-1	2454	2410	2247	2370	4.60	cps
Calcium	44-1	55929	55782	56224	55978	0.40	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4531	4301	4467	4433	2.68	cps
Cobalt	59-2	267	283	227	259	11.25	cps
Copper	63-2	2607	2670	2650	2642	1.23	cps
Dysprosium	156-1	43	53	47	48	10.66	cps
Dysprosium	156-2	20	3	27	17	72.13	cps
Erbium	164-1	150	167	150	156	6.19	cps
Erbium	164-2	83	90	87	87	3.85	cps
Gadolinium	160-1	180	203	170	184	9.28	cps
Gadolinium	160-2	1357	1217	1273	1282	5.49	cps
Holmium	165-1	37344929	36740136	36298010	36794359	1.43	cps
Holmium	165-2	24379995	24232752	24726827	24446525	1.04	cps
Indium	115-1	33001956	32336075	32082026	32473352	1.46	cps
Indium	115-2	10595433	10460674	10695042	10583716	1.11	cps
Iron	56-2	65914	66402	67071	66463	0.87	cps
Iron	57-2	2524	2617	2597	2579	1.91	cps
Iron	54-2	5765	5925	5898	5862	1.46	cps
Krypton	83-1	270	353	333	319	13.64	cps

LB Number : LB133538 Operator : Jaswal
Lab Sample ID : P4728-16 Instrumnet Name : P7
Client Sample ID : MBH9G9 Dilution Factor : 1
Date & Time Acquired : 2024-11-20 10:49:04 DataFile Name : 027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1760	1700	1790	1750	2.62	cps
Lead	207-1	1410	1507	1437	1451	3.44	cps
Lead	208-1	6877	6987	6887	6917	0.88	cps
Lithium	6-1	3609796	3529138	3504290	3547741	1.55	cps
Magnesium	24-2	3230	3107	3087	3141	2.47	cps
Manganese	55-2	9196	9413	8913	9174	2.73	cps
Molybdenum	94-1	730	757	673	720	5.91	cps
Molybdenum	95-1	203	193	177	191	7.05	cps
Molybdenum	96-1	307	273	357	312	13.43	cps
Molybdenum	97-1	107	107	137	117	14.85	cps
Molybdenum	98-1	280	267	280	276	2.79	cps
Neodymium	150-1	33	27	23	28	18.33	cps
Neodymium	150-2	13	7	30	17	72.11	cps
Nickel	60-2	687	497	633	606	16.18	cps
Phosphorus	31-2	320	360	460	380	18.98	cps
Potassium	39-2	86889	86024	86919	86611	0.59	cps
Rhodium	103-1	32304326	30888235	30754035	31315532	2.74	cps
Rhodium	103-2	17539140	17295335	17282702	17372392	0.83	cps
Scandium	45-1	18612974	18145649	18145018	18301214	1.48	cps
Scandium	45-2	1436541	1436869	1455817	1443076	0.76	cps
Selenium	82-1	808	580	637	675	17.56	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	563	443	490	499	12.13	cps
Silicon	28-1	1343651	1342289	1345076	1343672	0.10	cps
Silver	107-1	427	367	343	379	11.35	cps
Silver	109-1	277	210	237	241	13.92	cps
Sodium	23-2	54934	55864	54342	55047	1.39	cps
Strontium	86-1	1087	1083	930	1033	8.66	cps
Strontium	88-1	4554	4611	4547	4571	0.76	cps
Sulfur	34-1	304324	306383	306873	305860	0.44	cps
Terbium	159-1	38487066	38227945	36929174	37881395	2.20	cps
Terbium	159-2	24779086	24209299	24193113	24393833	1.37	cps
Thallium	203-1	467	367	410	414	12.10	cps
Thallium	205-1	1050	1030	1093	1058	3.06	cps
Tin	118-1	4517	4451	4571	4513	1.33	cps
Titanium	47-1	487	507	383	459	14.43	cps

LB Number :

LB133538

Operator :

Jaswal

Lab Sample ID :

P4728-16

Instrumnet Name :

P7

Client Sample ID :

MBH9G9

Dilution Factor :

1

Date & Time Acquired :

2024-11-20 10:49:04

DataFile Name :

027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	50	60	53	54	9.35	cps
Vanadium	51-2	80	97	103	93	12.88	cps
Yttrium	89-1	44674111	44062576	43484623	44073770	1.35	cps
Yttrium	89-2	10329290	10227842	10232994	10263375	0.56	cps
Zinc	66-2	2720	2580	2604	2635	2.85	cps
Zirconium	90-1	1790	1793	1717	1767	2.45	cps
Zirconium	91-1	413	390	467	423	9.28	cps

LB Number : LB133538 Operator : Jaswal
Lab Sample ID : P4750-22 Instrumnet Name : P7
Client Sample ID : MBH9H0 Dilution Factor : 1
Date & Time Acquired : 2024-11-20 10:52:19 DataFile Name : 028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1645	1707	1565	1639	4.37	cps
Antimony	121-1	267	213	290	257	15.31	cps
Arsenic	75-2	13	20	17	17	20.01	cps
Barium	135-1	513	477	613	534	13.24	cps
Barium	137-1	887	937	980	934	5.00	cps
Beryllium	9-1	56	44	28	43	32.83	cps
Bismuth	209-1	21265931	20793040	20726213	20928395	1.41	cps
Bismuth	209-2	16945463	16781194	16664189	16796949	0.84	cps
Bromine	81-1	18135	17737	18338	18070	1.69	cps
Bromine	81-2	120	130	123	124	4.09	cps
Cadmium	108-1	20	40	27	29	35.25	cps
Cadmium	106-1	11395	11238	11061	11231	1.49	cps
Cadmium	111-1	8036	7882	7774	7897	1.66	cps
Calcium	43-1	3887	3884	3881	3884	0.09	cps
Calcium	44-1	79209	80036	79453	79566	0.53	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4951	4964	5351	5089	4.47	cps
Cobalt	59-2	263	337	270	290	13.98	cps
Copper	63-2	3154	3034	3174	3120	2.43	cps
Dysprosium	156-1	40	63	47	50	24.03	cps
Dysprosium	156-2	30	33	27	30	11.10	cps
Erbium	164-1	160	200	187	182	11.18	cps
Erbium	164-2	113	123	150	129	14.70	cps
Gadolinium	160-1	177	183	160	173	6.94	cps
Gadolinium	160-2	1433	1253	1300	1329	7.03	cps
Holmium	165-1	36311985	35714875	35665941	35897601	1.00	cps
Holmium	165-2	24099996	24076588	23824231	24000272	0.64	cps
Indium	115-1	32041488	31452358	31227757	31573867	1.33	cps
Indium	115-2	10490026	10579917	10343103	10471015	1.14	cps
Iron	56-2	74222	76804	75483	75503	1.71	cps
Iron	57-2	2884	2880	3024	2929	2.79	cps
Iron	54-2	6959	6088	6515	6521	6.68	cps
Krypton	83-1	347	400	323	357	11.02	cps

LB Number : LB133538 Operator : Jaswal
Lab Sample ID : P4750-22 Instrumnet Name : P7
Client Sample ID : MBH9H0 Dilution Factor : 1
Date & Time Acquired : 2024-11-20 10:52:19 DataFile Name : 028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2754	2817	2864	2811	1.96	cps
Lead	207-1	2527	2307	2377	2404	4.68	cps
Lead	208-1	11099	11049	10862	11003	1.13	cps
Lithium	6-1	3482699	3488240	3595640	3522193	1.81	cps
Magnesium	24-2	5628	5925	5741	5764	2.60	cps
Manganese	55-2	16426	16179	16496	16367	1.02	cps
Molybdenum	94-1	1497	1427	1423	1449	2.86	cps
Molybdenum	95-1	1547	1520	1610	1559	2.97	cps
Molybdenum	96-1	1810	1737	1880	1809	3.96	cps
Molybdenum	97-1	963	1117	910	997	10.77	cps
Molybdenum	98-1	2490	2574	2560	2541	1.76	cps
Neodymium	150-1	57	40	77	58	31.78	cps
Neodymium	150-2	23	53	23	33	51.97	cps
Nickel	60-2	587	630	630	616	4.06	cps
Phosphorus	31-2	357	383	400	380	5.75	cps
Potassium	39-2	102076	102274	100978	101776	0.69	cps
Rhodium	103-1	30630411	30190878	30020477	30280589	1.04	cps
Rhodium	103-2	17219259	17254735	17014579	17162858	0.76	cps
Scandium	45-1	18185911	17805263	17821996	17937723	1.20	cps
Scandium	45-2	1435504	1420632	1394221	1416786	1.48	cps
Selenium	82-1	646	507	589	581	11.99	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	623	440	580	548	17.49	cps
Silicon	28-1	1462554	1348441	1342907	1384634	4.88	cps
Silver	107-1	263	267	253	261	2.66	cps
Silver	109-1	173	203	223	200	12.58	cps
Sodium	23-2	134410	134811	134279	134500	0.21	cps
Strontium	86-1	1157	1027	1070	1084	6.10	cps
Strontium	88-1	4784	4861	4891	4845	1.14	cps
Sulfur	34-1	310702	306435	311232	309456	0.85	cps
Terbium	159-1	37084726	36494265	36262084	36613692	1.16	cps
Terbium	159-2	24238929	23963170	23601731	23934610	1.34	cps
Thallium	203-1	363	393	287	348	15.82	cps
Thallium	205-1	797	873	803	824	5.15	cps
Tin	118-1	5384	5371	5258	5338	1.30	cps
Titanium	47-1	550	690	577	606	12.28	cps

LB Number :

LB133538

Operator :

Jaswal

Lab Sample ID :

P4750-22

Instrumnet Name :

P7

Client Sample ID :

MBH9H0

Dilution Factor :

1

Date & Time Acquired :

2024-11-20 10:52:19

DataFile Name :

028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	67	40	23	43	50.45	cps
Vanadium	51-2	197	137	160	164	18.39	cps
Yttrium	89-1	43138613	42541111	42585909	42755211	0.78	cps
Yttrium	89-2	10233303	10250241	10007227	10163590	1.33	cps
Zinc	66-2	3494	3647	3587	3576	2.16	cps
Zirconium	90-1	1900	1810	1747	1819	4.24	cps
Zirconium	91-1	323	383	360	356	8.51	cps

LB Number : LB133538 Operator : Jaswal
Lab Sample ID : P4806-04A Instrumnet Name : P7
Client Sample ID : MH2GT9A Dilution Factor : 1
Date & Time Acquired : 2024-11-20 10:55:35 DataFile Name : 029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3022813	3067763	3065108	3051895	0.83	cps
Antimony	121-1	149440	148692	149633	149255	0.33	cps
Arsenic	75-2	13696	13646	13276	13540	1.70	cps
Barium	135-1	1761504	1776558	1729793	1755952	1.36	cps
Barium	137-1	3001267	3024611	3025182	3017020	0.45	cps
Beryllium	9-1	939	928	1056	974	7.27	cps
Bismuth	209-1	20024682	20082061	20069886	20058876	0.15	cps
Bismuth	209-2	15967861	15858349	15991670	15939293	0.45	cps
Bromine	81-1	30652	31016	31901	31190	2.06	cps
Bromine	81-2	2790	2754	2830	2791	1.37	cps
Cadmium	108-1	6905	7095	6915	6972	1.53	cps
Cadmium	106-1	20832	20778	20268	20626	1.51	cps
Cadmium	111-1	99853	100022	100807	100227	0.51	cps
Calcium	43-1	6025081	5971157	5897228	5964489	1.08	cps
Calcium	44-1	96172275	95496695	95982799	95883923	0.36	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	230587	230282	228516	229795	0.49	cps
Cobalt	59-2	71630	72092	72042	71921	0.35	cps
Copper	63-2	61273941	61399407	61208754	61294034	0.16	cps
Dysprosium	156-1	81276	81588	81059	81308	0.33	cps
Dysprosium	156-2	68951	67548	68918	68472	1.17	cps
Erbium	164-1	62485	63128	61819	62478	1.05	cps
Erbium	164-2	42444	41742	41976	42054	0.85	cps
Gadolinium	160-1	72375	72214	72496	72362	0.20	cps
Gadolinium	160-2	53003	52993	52484	52827	0.56	cps
Holmium	165-1	34644050	34568026	34637891	34616656	0.12	cps
Holmium	165-2	23339420	23566309	23825032	23576920	1.03	cps
Indium	115-1	29890679	30160723	29687410	29912937	0.79	cps
Indium	115-2	9766757	9968399	9833392	9856183	1.04	cps
Iron	56-2	84368585	83771952	84103060	84081199	0.36	cps
Iron	57-2	2185141	2173947	2208817	2189302	0.81	cps
Iron	54-2	4543895	4595543	4576572	4572003	0.57	cps
Krypton	83-1	410	413	413	412	0.47	cps

LB Number : LB133538 Operator : Jaswal
Lab Sample ID : P4806-04A Instrumnet Name : P7
Client Sample ID : MH2GT9A Dilution Factor : 1
Date & Time Acquired : 2024-11-20 10:55:35 DataFile Name : 029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	22750021	22668011	22878239	22765424	0.47	cps
Lead	207-1	19449936	19515293	19485658	19483629	0.17	cps
Lead	208-1	89479975	89592748	89552102	89541609	0.06	cps
Lithium	6-1	3354716	3338363	3326307	3339796	0.43	cps
Magnesium	24-2	5876697	5845518	5892026	5871413	0.40	cps
Manganese	55-2	6788274	6938184	6928650	6885036	1.22	cps
Molybdenum	94-1	136156	134541	134770	135155	0.65	cps
Molybdenum	95-1	98921	98140	97898	98320	0.54	cps
Molybdenum	96-1	119678	120041	117366	119028	1.22	cps
Molybdenum	97-1	61562	60789	61441	61264	0.68	cps
Molybdenum	98-1	157168	157513	157735	157472	0.18	cps
Neodymium	150-1	139697	139488	141124	140103	0.64	cps
Neodymium	150-2	79831	80072	79985	79963	0.15	cps
Nickel	60-2	132936	132745	132838	132840	0.07	cps
Phosphorus	31-2	46835	46908	46661	46801	0.27	cps
Potassium	39-2	3943553	3917680	3945875	3935703	0.40	cps
Rhodium	103-1	27888778	27902145	27922290	27904404	0.06	cps
Rhodium	103-2	16181525	16241810	15985881	16136405	0.83	cps
Scandium	45-1	17118325	16821466	16684017	16874603	1.32	cps
Scandium	45-2	1343532	1344842	1316408	1334927	1.20	cps
Selenium	82-1	2748	2662	2626	2679	2.34	cps
Selenium	77-2	460	460	450	457	1.26	cps
Selenium	78-2	1307	1423	1327	1352	4.61	cps
Silicon	28-1	65952697	66237116	66010131	66066648	0.23	cps
Silver	107-1	81768	83401	83548	82906	1.19	cps
Silver	109-1	79771	78886	79530	79396	0.58	cps
Sodium	23-2	34136328	34461734	34345324	34314462	0.48	cps
Strontium	86-1	4726054	4680879	4629497	4678810	1.03	cps
Strontium	88-1	40939651	41161135	40667699	40922829	0.60	cps
Sulfur	34-1	3850695	3845832	3799240	3831922	0.74	cps
Terbium	159-1	35900648	35683585	35573176	35719136	0.47	cps
Terbium	159-2	23522492	23231561	23358570	23370874	0.62	cps
Thallium	203-1	3937	3871	3997	3935	1.61	cps
Thallium	205-1	9300	9420	9343	9354	0.65	cps
Tin	118-1	950057	943539	939983	944526	0.54	cps
Titanium	47-1	494312	488132	491681	491375	0.63	cps

LB Number : LB133538 Operator : Jaswal
Lab Sample ID : P4806-04A Instrumnet Name : P7
Client Sample ID : MH2GT9A Dilution Factor : 1
Date & Time Acquired : 2024-11-20 10:55:35 DataFile Name : 029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	169441	170129	171370	170313	0.57	cps
Vanadium	51-2	276674	276932	276422	276676	0.09	cps
Yttrium	89-1	41557316	41690195	41114019	41453844	0.73	cps
Yttrium	89-2	9822134	9724779	9817374	9788096	0.56	cps
Zinc	66-2	8015584	8219142	8204846	8146524	1.39	cps
Zirconium	90-1	219198	217561	219466	218741	0.47	cps
Zirconium	91-1	48302	47209	47958	47823	1.17	cps

LB Number :LB133538Operator :Jaswal

Lab Sample ID :P4831-01Instrumnet Name :P7

Client Sample ID :E29S4Dilution Factor :1

Date & Time Acquired :2024-11-20 10:58:29DataFile Name :030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3840	3913	4152	3968	4.11	cps
Antimony	121-1	5204	5408	5568	5393	3.38	cps
Arsenic	75-2	3701	3811	3657	3723	2.12	cps
Barium	135-1	407649	411236	411439	410108	0.52	cps
Barium	137-1	701862	709147	716293	709101	1.02	cps
Beryllium	9-1	61	61	56	59	5.41	cps
Bismuth	209-1	19004124	18902228	19175240	19027197	0.73	cps
Bismuth	209-2	15364916	15360068	15490663	15405216	0.48	cps
Bromine	81-1	50265	60932	68119	59772	15.03	cps
Bromine	81-2	9950	10594	10767	10437	4.13	cps
Cadmium	108-1	70	53	67	63	13.93	cps
Cadmium	106-1	10831	10290	10074	10398	3.75	cps
Cadmium	111-1	7826	7426	7288	7513	3.72	cps
Calcium	43-1	6669062	6727213	6866305	6754193	1.50	cps
Calcium	44-1	106364405	108096642	109566605	108009217	1.48	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	8536	8222	8446	8401	1.92	cps
Cobalt	59-2	2184	2147	2357	2229	5.03	cps
Copper	63-2	12519	12275	11675	12156	3.57	cps
Dysprosium	156-1	137	117	77	110	27.77	cps
Dysprosium	156-2	83	107	73	88	19.49	cps
Erbium	164-1	210	203	233	216	7.31	cps
Erbium	164-2	160	170	110	147	21.92	cps
Gadolinium	160-1	267	233	187	229	17.56	cps
Gadolinium	160-2	1280	1290	1233	1268	2.39	cps
Holmium	165-1	33645700	33419131	33702605	33589145	0.45	cps
Holmium	165-2	23442935	23148125	23099476	23230179	0.80	cps
Indium	115-1	28762757	29003235	28906009	28890667	0.42	cps
Indium	115-2	9878607	9839305	9750570	9822827	0.67	cps
Iron	56-2	111205	109102	108461	109589	1.31	cps
Iron	57-2	109502	111822	112363	111229	1.37	cps
Iron	54-2	8933	9079	8573	8862	2.94	cps
Krypton	83-1	337	307	350	331	6.70	cps

LB Number : LB133538 Operator : Jaswal
Lab Sample ID : P4831-01 Instrumnet Name : P7
Client Sample ID : E29S4 Dilution Factor : 1
Date & Time Acquired : 2024-11-20 10:58:29 DataFile Name : 030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	6438	5164	4457	5353	18.75	cps
Lead	207-1	5374	4214	3584	4391	20.69	cps
Lead	208-1	24989	19869	16671	20510	20.46	cps
Lithium	6-1	3168271	3157145	3228994	3184803	1.21	cps
Magnesium	24-2	29487757	29161601	29470775	29373378	0.63	cps
Manganese	55-2	27058	26954	27141	27051	0.35	cps
Molybdenum	94-1	39426	40706	40386	40173	1.66	cps
Molybdenum	95-1	68567	69785	70777	69709	1.59	cps
Molybdenum	96-1	73667	75031	75122	74607	1.09	cps
Molybdenum	97-1	42752	42943	43795	43164	1.29	cps
Molybdenum	98-1	111371	111716	113291	112126	0.91	cps
Neodymium	150-1	130	137	103	123	14.30	cps
Neodymium	150-2	77	77	43	66	29.36	cps
Nickel	60-2	3254	3237	3400	3297	2.73	cps
Phosphorus	31-2	21051	21542	21519	21371	1.30	cps
Potassium	39-2	6011253	5901442	6002062	5971586	1.02	cps
Rhodium	103-1	26706927	26580481	27219593	26835667	1.26	cps
Rhodium	103-2	15740269	15901700	15560854	15734274	1.08	cps
Scandium	45-1	15979113	16328846	16288206	16198721	1.18	cps
Scandium	45-2	1343519	1334484	1351146	1343049	0.62	cps
Selenium	82-1	1430	1550	1333	1438	7.58	cps
Selenium	77-2	100	77	83	87	13.87	cps
Selenium	78-2	843	827	820	830	1.45	cps
Silicon	28-1	73948299	75509969	75631451	75029906	1.25	cps
Silver	107-1	417	407	397	407	2.46	cps
Silver	109-1	303	297	237	279	13.17	cps
Sodium	23-2	115033758	117290038	117932702	116752166	1.30	cps
Strontium	86-1	1728622	1725961	1743582	1732721	0.55	cps
Strontium	88-1	14783690	15005824	15237873	15009129	1.51	cps
Sulfur	34-1	1579049	1574185	1578210	1577148	0.16	cps
Terbium	159-1	34563159	34304920	34902949	34590343	0.87	cps
Terbium	159-2	22690934	22954413	22977396	22874248	0.70	cps
Thallium	203-1	1470	1417	1357	1415	4.01	cps
Thallium	205-1	3637	3360	3194	3397	6.59	cps
Tin	118-1	6525	6965	6652	6714	3.38	cps
Titanium	47-1	1997	1970	1920	1962	1.98	cps

LB Number :

LB133538

Operator :

Jaswal

Lab Sample ID :

P4831-01

Instrumnet Name :

P7

Client Sample ID :

E29S4

Dilution Factor :

1

Date & Time Acquired :

2024-11-20 10:58:29

DataFile Name :

030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	49916	51101	51241	50753	1.43	cps
Vanadium	51-2	6311	5968	6285	6188	3.09	cps
Yttrium	89-1	39137809	38806809	39217524	39054048	0.56	cps
Yttrium	89-2	9631368	9603557	9549027	9594651	0.44	cps
Zinc	66-2	10053	9627	10117	9932	2.68	cps
Zirconium	90-1	3357	3737	3567	3554	5.36	cps
Zirconium	91-1	747	800	730	759	4.82	cps

LB Number :LB133538Operator :Jaswal

Lab Sample ID :P4831-02Instrumnet Name :P7

Client Sample ID :E29S4DDilution Factor :1

Date & Time Acquired :2024-11-20 11:01:41DataFile Name :031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4066	4413	4171	4217	4.21	cps
Antimony	121-1	5624	5644	5771	5680	1.40	cps
Arsenic	75-2	3727	3764	3654	3715	1.51	cps
Barium	135-1	421694	426477	423392	423854	0.57	cps
Barium	137-1	733776	729583	738098	733819	0.58	cps
Beryllium	9-1	78	89	44	70	32.86	cps
Bismuth	209-1	18576562	18880355	18801144	18752687	0.84	cps
Bismuth	209-2	14640701	15223791	15556179	15140223	3.06	cps
Bromine	81-1	55300	64316	69911	63176	11.67	cps
Bromine	81-2	10004	9993	10027	10008	0.17	cps
Cadmium	108-1	80	70	50	67	22.91	cps
Cadmium	106-1	10587	10280	10154	10340	2.16	cps
Cadmium	111-1	7562	7377	7343	7427	1.59	cps
Calcium	43-1	7095766	7010719	7015758	7040748	0.68	cps
Calcium	44-1	113205788	112720962	113499945	113142232	0.35	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	10270	10214	10504	10329	1.49	cps
Cobalt	59-2	2220	2277	2390	2296	3.77	cps
Copper	63-2	12058	12262	12158	12159	0.84	cps
Dysprosium	156-1	90	170	140	133	30.31	cps
Dysprosium	156-2	80	97	87	88	9.56	cps
Erbium	164-1	220	237	197	218	9.23	cps
Erbium	164-2	117	93	147	119	22.49	cps
Gadolinium	160-1	213	210	237	220	6.60	cps
Gadolinium	160-2	1200	1283	1227	1237	3.44	cps
Holmium	165-1	32762168	34354233	33534562	33550321	2.37	cps
Holmium	165-2	22201761	22702470	22994515	22632915	1.77	cps
Indium	115-1	28832436	29517321	28938974	29096244	1.27	cps
Indium	115-2	9404416	9621710	9690804	9572310	1.56	cps
Iron	56-2	111380	127658	109092	116043	8.72	cps
Iron	57-2	112585	113176	112961	112907	0.26	cps
Iron	54-2	8963	8969	8549	8827	2.73	cps
Krypton	83-1	380	313	390	361	11.54	cps

LB Number :	LB133538	Operator :	Jaswal
Lab Sample ID :	P4831-02	Instrumnet Name :	P7
Client Sample ID :	E29S4D	Dilution Factor :	1
Date & Time Acquired :	2024-11-20 11:01:41	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3460	3457	3264	3394	3.32	cps
Lead	207-1	2784	2950	2944	2893	3.26	cps
Lead	208-1	13229	13503	13356	13363	1.02	cps
Lithium	6-1	3184710	3143195	3129051	3152319	0.92	cps
Magnesium	24-2	30329425	29851797	29597170	29926131	1.24	cps
Manganese	55-2	356817	353970	352577	354455	0.61	cps
Molybdenum	94-1	41475	41980	42769	42075	1.55	cps
Molybdenum	95-1	71812	73751	72441	72668	1.36	cps
Molybdenum	96-1	76291	77615	78231	77379	1.28	cps
Molybdenum	97-1	45343	45079	44829	45084	0.57	cps
Molybdenum	98-1	116856	117089	116503	116816	0.25	cps
Neodymium	150-1	150	127	143	140	8.58	cps
Neodymium	150-2	83	73	63	73	13.64	cps
Nickel	60-2	3817	3624	3797	3746	2.84	cps
Phosphorus	31-2	21999	21963	21872	21945	0.30	cps
Potassium	39-2	6217663	6093936	6076552	6129384	1.26	cps
Rhodium	103-1	27083795	27089200	27054424	27075806	0.07	cps
Rhodium	103-2	15313188	15378736	15549870	15413931	0.79	cps
Scandium	45-1	16105982	16699727	16735603	16513771	2.14	cps
Scandium	45-2	1309852	1312019	1361999	1327957	2.22	cps
Selenium	82-1	1523	1509	1539	1523	0.97	cps
Selenium	77-2	87	107	83	92	13.69	cps
Selenium	78-2	830	950	843	874	7.52	cps
Silicon	28-1	78323781	78375426	78034477	78244561	0.23	cps
Silver	107-1	310	290	283	294	4.71	cps
Silver	109-1	197	220	137	184	23.31	cps
Sodium	23-2	120369358	119549855	121346022	120421745	0.75	cps
Strontium	86-1	1782643	1815054	1779560	1792419	1.10	cps
Strontium	88-1	15674493	15724516	15563560	15654189	0.53	cps
Sulfur	34-1	1668940	1648516	1662208	1659888	0.63	cps
Terbium	159-1	34358138	34825231	34503227	34562199	0.69	cps
Terbium	159-2	21987979	22533940	22937533	22486484	2.12	cps
Thallium	203-1	1310	1350	1303	1321	1.91	cps
Thallium	205-1	3167	3194	2997	3119	3.42	cps
Tin	118-1	10217	10324	10774	10438	2.83	cps
Titanium	47-1	2144	2023	1923	2030	5.43	cps

LB Number : LB133538 Operator : Jaswal
Lab Sample ID : P4831-02 Instrumnet Name : P7
Client Sample ID : E29S4D Dilution Factor : 1
Date & Time Acquired : 2024-11-20 11:01:41 DataFile Name : 031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	51171	50144	51439	50918	1.34	cps
Vanadium	51-2	6135	6128	6128	6130	0.06	cps
Yttrium	89-1	38826160	40024803	39407856	39419606	1.52	cps
Yttrium	89-2	9183226	9453122	9679915	9438755	2.63	cps
Zinc	66-2	11071	10844	10347	10754	3.44	cps
Zirconium	90-1	3430	3731	3270	3477	6.72	cps
Zirconium	91-1	737	623	853	738	15.59	cps

LB Number : LB133538 Operator : Jaswal
Lab Sample ID : P4831-01LX5 Instrumnet Name : P7
Client Sample ID : E29S4L Dilution Factor : 5
Date & Time Acquired : 2024-11-20 11:04:50 DataFile Name : 032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1299	1329	1319	1316	1.17	cps
Antimony	121-1	997	1080	1037	1038	4.02	cps
Arsenic	75-2	653	680	743	692	6.68	cps
Barium	135-1	75556	78193	78414	77388	2.06	cps
Barium	137-1	132995	137214	136188	135466	1.62	cps
Beryllium	9-1	100	50	56	69	39.99	cps
Bismuth	209-1	18880063	19312558	19721493	19304705	2.18	cps
Bismuth	209-2	15854769	15970941	15870440	15898717	0.40	cps
Bromine	81-1	29974	30291	30431	30232	0.78	cps
Bromine	81-2	2460	2487	2524	2490	1.28	cps
Cadmium	108-1	27	57	53	46	36.09	cps
Cadmium	106-1	10627	10424	10047	10366	2.84	cps
Cadmium	111-1	7470	7354	7045	7290	3.01	cps
Calcium	43-1	1257241	1287328	1297791	1280786	1.64	cps
Calcium	44-1	19948898	20678964	20738373	20455412	2.15	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7145	7535	7208	7296	2.87	cps
Cobalt	59-2	573	527	597	566	6.30	cps
Copper	63-2	4367	4387	4311	4355	0.91	cps
Dysprosium	156-1	43	60	67	57	21.21	cps
Dysprosium	156-2	23	37	40	33	26.47	cps
Erbium	164-1	153	180	153	162	9.49	cps
Erbium	164-2	97	107	77	93	16.37	cps
Gadolinium	160-1	187	200	157	181	12.25	cps
Gadolinium	160-2	1293	1220	1183	1232	4.55	cps
Holmium	165-1	33239259	33457167	33739758	33478728	0.75	cps
Holmium	165-2	23244698	23336639	23199423	23260253	0.30	cps
Indium	115-1	28837459	29412064	28728151	28992558	1.27	cps
Indium	115-2	10010086	9887384	9935189	9944220	0.62	cps
Iron	56-2	56456	55756	55935	56049	0.65	cps
Iron	57-2	21676	21679	22253	21869	1.52	cps
Iron	54-2	5961	6255	5928	6048	2.97	cps
Krypton	83-1	340	303	353	332	7.79	cps

LB Number : LB133538 Operator : Jaswal
Lab Sample ID : P4831-01LX5 Instrumnet Name : P7
Client Sample ID : E29S4L Dilution Factor : 5
Date & Time Acquired : 2024-11-20 11:04:50 DataFile Name : 032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2677	2897	2634	2736	5.16	cps
Lead	207-1	2340	2264	2250	2285	2.13	cps
Lead	208-1	10612	11012	10455	10693	2.69	cps
Lithium	6-1	3170792	3287088	3271525	3243135	1.95	cps
Magnesium	24-2	5465890	5528599	5487985	5494158	0.58	cps
Manganese	55-2	17380	17801	17567	17583	1.20	cps
Molybdenum	94-1	8116	8376	8609	8367	2.95	cps
Molybdenum	95-1	12682	13206	13176	13021	2.26	cps
Molybdenum	96-1	13887	14411	14594	14297	2.57	cps
Molybdenum	97-1	7846	8102	8516	8155	4.15	cps
Molybdenum	98-1	20625	21596	21483	21234	2.50	cps
Neodymium	150-1	33	77	57	56	39.04	cps
Neodymium	150-2	17	17	17	17	0.00	cps
Nickel	60-2	1200	1183	1180	1188	0.90	cps
Phosphorus	31-2	4261	4314	4551	4375	3.53	cps
Potassium	39-2	1201791	1202873	1209086	1204583	0.33	cps
Rhodium	103-1	27399080	27643813	27883915	27642269	0.88	cps
Rhodium	103-2	16274794	16254618	16070553	16199988	0.69	cps
Scandium	45-1	16104384	16309493	16197255	16203711	0.63	cps
Scandium	45-2	1345099	1368776	1345268	1353048	1.01	cps
Selenium	82-1	743	672	634	683	8.06	cps
Selenium	77-2	30	13	17	20	44.10	cps
Selenium	78-2	497	577	600	558	9.72	cps
Silicon	28-1	15053614	15627370	15428270	15369752	1.90	cps
Silver	107-1	250	197	270	239	15.87	cps
Silver	109-1	133	100	137	123	16.44	cps
Sodium	23-2	22275850	22191722	22213042	22226871	0.20	cps
Strontium	86-1	310379	322648	323118	318715	2.27	cps
Strontium	88-1	2790018	2909724	2912241	2870661	2.43	cps
Sulfur	34-1	495019	505356	504583	501653	1.15	cps
Terbium	159-1	33994351	34405244	34522978	34307524	0.81	cps
Terbium	159-2	22914925	23103708	22776726	22931786	0.72	cps
Thallium	203-1	547	627	607	593	7.02	cps
Thallium	205-1	1307	1550	1517	1458	9.05	cps
Tin	118-1	8387	8029	8283	8233	2.23	cps
Titanium	47-1	583	563	673	607	9.66	cps

LB Number :

LB133538

Operator :

Jaswal

Lab Sample ID :

P4831-01LX5

Instrumnet Name :

P7

Client Sample ID :

E29S4L

Dilution Factor :

5

Date & Time Acquired :

2024-11-20 11:04:50

DataFile Name :

032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	9170	9400	9327	9299	1.26	cps
Vanadium	51-2	1170	1157	1247	1191	4.08	cps
Yttrium	89-1	38201384	39591280	40060274	39284313	2.46	cps
Yttrium	89-2	9724094	9619435	9722855	9688795	0.62	cps
Zinc	66-2	13900	13670	14050	13873	1.38	cps
Zirconium	90-1	2237	2407	2390	2345	4.00	cps
Zirconium	91-1	453	483	517	484	6.54	cps

LB Number :LB133538Operator :Jaswal

Lab Sample ID :P4831-04Instrumnet Name :P7

Client Sample ID :E29T2Dilution Factor :1

Date & Time Acquired :2024-11-20 11:10:53DataFile Name :034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	19267	19531	20052	19617	2.04	cps
Antimony	121-1	3044	2737	2637	2806	7.55	cps
Arsenic	75-2	480	580	590	550	11.06	cps
Barium	135-1	746007	754062	758370	752813	0.83	cps
Barium	137-1	1294570	1310237	1310033	1304947	0.69	cps
Beryllium	9-1	106	83	106	98	13.08	cps
Bismuth	209-1	20479736	20406603	20354698	20413679	0.31	cps
Bismuth	209-2	16003658	16184743	15987195	16058532	0.68	cps
Bromine	81-1	75879	95362	106020	92420	16.54	cps
Bromine	81-2	17090	17604	17390	17361	1.49	cps
Cadmium	108-1	47	50	63	53	16.53	cps
Cadmium	106-1	11385	11141	10981	11169	1.82	cps
Cadmium	111-1	8303	8080	7919	8101	2.38	cps
Calcium	43-1	6691782	6856161	6859795	6802579	1.41	cps
Calcium	44-1	108969052	110167705	110054028	109730262	0.60	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7642	7298	7549	7496	2.37	cps
Cobalt	59-2	34473	34861	34921	34751	0.70	cps
Copper	63-2	11558	11628	11858	11681	1.34	cps
Dysprosium	156-1	547	543	660	583	11.39	cps
Dysprosium	156-2	487	467	490	481	2.62	cps
Erbium	164-1	657	707	1064	809	27.44	cps
Erbium	164-2	530	463	513	502	6.91	cps
Gadolinium	160-1	733	743	813	763	5.71	cps
Gadolinium	160-2	1707	1677	1677	1687	1.03	cps
Holmium	165-1	35679474	35540521	35660869	35626954	0.21	cps
Holmium	165-2	23938515	23920939	24072890	23977448	0.35	cps
Indium	115-1	30589344	30301470	30586722	30492512	0.54	cps
Indium	115-2	10051414	9984362	10027867	10021214	0.34	cps
Iron	56-2	1241393	1239243	1226605	1235747	0.65	cps
Iron	57-2	134143	136178	136770	135697	1.02	cps
Iron	54-2	71465	71532	69952	70983	1.26	cps
Krypton	83-1	330	363	413	369	11.37	cps

LB Number : LB133538 Operator : Jaswal
Lab Sample ID : P4831-04 Instrumnet Name : P7
Client Sample ID : E29T2 Dilution Factor : 1
Date & Time Acquired : 2024-11-20 11:10:53 DataFile Name : 034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	6208	5875	5818	5967	3.53	cps
Lead	207-1	4988	5061	4874	4974	1.89	cps
Lead	208-1	23555	23074	22734	23121	1.78	cps
Lithium	6-1	3279188	3361588	3291005	3310594	1.35	cps
Magnesium	24-2	28609536	28086296	28170814	28288882	0.99	cps
Manganese	55-2	5796941	5843991	5763882	5801605	0.69	cps
Molybdenum	94-1	32927	33548	32840	33105	1.17	cps
Molybdenum	95-1	55314	56582	55812	55903	1.14	cps
Molybdenum	96-1	58095	60511	59591	59399	2.05	cps
Molybdenum	97-1	33976	35349	35092	34806	2.10	cps
Molybdenum	98-1	88409	89673	90964	89682	1.42	cps
Neodymium	150-1	803	837	883	841	4.78	cps
Neodymium	150-2	457	457	520	478	7.65	cps
Nickel	60-2	14053	14304	14364	14240	1.16	cps
Phosphorus	31-2	707	760	673	713	6.13	cps
Potassium	39-2	7396855	7498029	7446376	7447087	0.68	cps
Rhodium	103-1	28302540	28196691	28522486	28340573	0.59	cps
Rhodium	103-2	16260899	16171156	16047745	16159933	0.66	cps
Scandium	45-1	17007839	17009702	16960751	16992764	0.16	cps
Scandium	45-2	1378087	1348656	1370740	1365828	1.12	cps
Selenium	82-1	781	906	660	782	15.75	cps
Selenium	77-2	20	17	7	14	48.02	cps
Selenium	78-2	450	523	583	519	12.87	cps
Silicon	28-1	72771366	73925736	73255917	73317673	0.79	cps
Silver	107-1	1197	967	883	1016	15.98	cps
Silver	109-1	1037	863	787	896	14.30	cps
Sodium	23-2	71479256	70783307	70332736	70865100	0.82	cps
Strontium	86-1	1119858	1140090	1137930	1132626	0.98	cps
Strontium	88-1	10046900	10226929	10190779	10154869	0.94	cps
Sulfur	34-1	1599995	1620007	1617092	1612365	0.67	cps
Terbium	159-1	36581463	36104717	36608260	36431480	0.78	cps
Terbium	159-2	23567706	23500410	23916077	23661398	0.94	cps
Thallium	203-1	2854	2714	2674	2747	3.44	cps
Thallium	205-1	6548	6378	6051	6326	3.99	cps
Tin	118-1	8429	8229	8292	8317	1.23	cps
Titanium	47-1	3747	4101	3700	3849	5.68	cps

LB Number :

LB133538

Operator :

Jaswal

Lab Sample ID :

P4831-04

Instrumnet Name :

P7

Client Sample ID :

E29T2

Dilution Factor :

1

Date & Time Acquired :

2024-11-20 11:10:53

DataFile Name :

034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	59629	60139	60102	59957	0.47	cps
Vanadium	51-2	1830	1780	1640	1750	5.63	cps
Yttrium	89-1	41030324	41555589	41040004	41208639	0.73	cps
Yttrium	89-2	9891320	9965820	9777695	9878278	0.96	cps
Zinc	66-2	11374	10714	11428	11172	3.56	cps
Zirconium	90-1	4414	4274	4501	4396	2.60	cps
Zirconium	91-1	900	1020	1047	989	7.90	cps

LB Number : LB133538 Operator : Jaswal
Lab Sample ID : P4831-05 Instrumnet Name : P7
Client Sample ID : E29T4 Dilution Factor : 1
Date & Time Acquired : 2024-11-20 11:14:04 DataFile Name : 035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3312	3333	3213	3286	1.96	cps
Antimony	121-1	593	567	723	628	13.35	cps
Arsenic	75-2	3690	4094	3731	3838	5.79	cps
Barium	135-1	682408	687049	684681	684713	0.34	cps
Barium	137-1	1187228	1193283	1197941	1192817	0.45	cps
Beryllium	9-1	83	83	106	91	14.14	cps
Bismuth	209-1	19813107	20083705	20002558	19966457	0.70	cps
Bismuth	209-2	15804612	15929255	15888984	15874283	0.40	cps
Bromine	81-1	85091	101851	109928	98957	12.80	cps
Bromine	81-2	17023	17457	17707	17396	1.99	cps
Cadmium	108-1	37	50	33	40	22.05	cps
Cadmium	106-1	11311	10884	10998	11064	2.00	cps
Cadmium	111-1	7979	7694	7735	7803	1.97	cps
Calcium	43-1	8593195	8788548	8761478	8714407	1.21	cps
Calcium	44-1	138017925	139844118	140203578	139355207	0.84	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6461	6365	6241	6356	1.74	cps
Cobalt	59-2	5184	5034	5131	5116	1.49	cps
Copper	63-2	4734	4914	4898	4849	2.05	cps
Dysprosium	156-1	110	100	170	127	29.89	cps
Dysprosium	156-2	150	103	123	126	18.65	cps
Erbium	164-1	227	227	217	223	2.59	cps
Erbium	164-2	137	193	127	152	23.62	cps
Gadolinium	160-1	207	280	310	266	20.02	cps
Gadolinium	160-2	1307	1310	1313	1310	0.25	cps
Holmium	165-1	34420362	35621542	35254426	35098777	1.75	cps
Holmium	165-2	23977880	23662177	23793310	23811122	0.67	cps
Indium	115-1	30037039	29724207	30010580	29923942	0.58	cps
Indium	115-2	10032735	9881084	9816568	9910129	1.12	cps
Iron	56-2	16794395	16990148	16812090	16865544	0.64	cps
Iron	57-2	547307	554501	555041	552283	0.78	cps
Iron	54-2	927689	924204	923761	925218	0.23	cps
Krypton	83-1	280	313	333	309	8.72	cps

LB Number : LB133538 Operator : Jaswal
Lab Sample ID : P4831-05 Instrumnet Name : P7
Client Sample ID : E29T4 Dilution Factor : 1
Date & Time Acquired : 2024-11-20 11:14:04 DataFile Name : 035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	6905	6588	6465	6653	3.41	cps
Lead	207-1	5891	5581	5421	5631	4.25	cps
Lead	208-1	26270	25800	25863	25978	0.98	cps
Lithium	6-1	3369889	3398589	3336632	3368370	0.92	cps
Magnesium	24-2	48464486	49079869	48438151	48660835	0.75	cps
Manganese	55-2	812649	803103	807956	807903	0.59	cps
Molybdenum	94-1	30038	29663	30078	29926	0.76	cps
Molybdenum	95-1	43775	44889	44681	44448	1.33	cps
Molybdenum	96-1	49146	49908	49045	49366	0.96	cps
Molybdenum	97-1	27833	28067	27533	27811	0.96	cps
Molybdenum	98-1	71082	71966	72170	71739	0.81	cps
Neodymium	150-1	120	137	117	124	8.61	cps
Neodymium	150-2	77	90	100	89	13.17	cps
Nickel	60-2	14170	14324	14474	14322	1.06	cps
Phosphorus	31-2	560	597	527	561	6.24	cps
Potassium	39-2	2951713	2979665	2955020	2962133	0.52	cps
Rhodium	103-1	27862161	27825353	27786665	27824727	0.14	cps
Rhodium	103-2	15977933	15969968	15882979	15943627	0.33	cps
Scandium	45-1	16815048	17002401	16789318	16868923	0.69	cps
Scandium	45-2	1352893	1343213	1363297	1353134	0.74	cps
Selenium	82-1	681	732	625	679	7.93	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	437	473	503	471	7.09	cps
Silicon	28-1	95584309	95902279	94420072	95302220	0.82	cps
Silver	107-1	463	480	380	441	12.15	cps
Silver	109-1	317	320	323	320	1.04	cps
Sodium	23-2	90551529	92286485	91621289	91486434	0.96	cps
Strontium	86-1	1086656	1097231	1087879	1090588	0.53	cps
Strontium	88-1	9744748	9828019	9850011	9807593	0.57	cps
Sulfur	34-1	2563817	2615016	2552159	2576997	1.30	cps
Terbium	159-1	36219742	35987040	36692831	36299871	0.99	cps
Terbium	159-2	23428625	23515037	23303890	23415851	0.45	cps
Thallium	203-1	937	970	867	924	5.71	cps
Thallium	205-1	2150	1997	2207	2118	5.13	cps
Tin	118-1	10077	10074	10377	10176	1.71	cps
Titanium	47-1	1520	1563	1450	1511	3.78	cps

LB Number :LB133538

Operator :Jaswal

Lab Sample ID :P4831-05

Instrumnet Name :P7

Client Sample ID :E29T4

Dilution Factor :1

Date & Time Acquired :2024-11-20 11:14:04

DataFile Name :035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	88850	87978	87700	88176	0.68	cps
Vanadium	51-2	367	313	297	326	11.23	cps
Yttrium	89-1	40509214	41109259	40642286	40753586	0.77	cps
Yttrium	89-2	9723849	9734511	9801170	9753177	0.43	cps
Zinc	66-2	9767	10043	9993	9934	1.49	cps
Zirconium	90-1	13139	12799	13053	12997	1.36	cps
Zirconium	91-1	2890	2914	3040	2948	2.74	cps

LB Number :LB133538Operator :Jaswal

Lab Sample ID :P4831-06Instrumnet Name :P7

Client Sample ID :E29W0Dilution Factor :1

Date & Time Acquired :2024-11-20 11:17:12DataFile Name :036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	915	1082	1042	1013	8.60	cps
Antimony	121-1	170	373	193	246	45.32	cps
Arsenic	75-2	17	13	7	12	41.65	cps
Barium	135-1	477	1778	363	873	90.09	cps
Barium	137-1	920	1698	643	1087	50.29	cps
Beryllium	9-1	61	67	33	54	33.26	cps
Bismuth	209-1	21118414	20550518	20545002	20737978	1.59	cps
Bismuth	209-2	16698924	16525436	15726629	16316996	3.18	cps
Bromine	81-1	30161	27810	24577	27516	10.19	cps
Bromine	81-2	1123	1077	927	1042	9.86	cps
Cadmium	108-1	33	30	37	33	10.01	cps
Cadmium	106-1	11682	10911	10581	11058	5.11	cps
Cadmium	111-1	8214	7750	7424	7796	5.09	cps
Calcium	43-1	7955	7482	6625	7354	9.17	cps
Calcium	44-1	144568	138022	129423	137338	5.53	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5431	5501	5238	5390	2.53	cps
Cobalt	59-2	227	220	213	220	3.03	cps
Copper	63-2	4104	3834	3687	3875	5.46	cps
Dysprosium	156-1	60	43	33	46	29.58	cps
Dysprosium	156-2	30	20	7	19	61.96	cps
Erbium	164-1	137	150	180	156	14.27	cps
Erbium	164-2	83	100	93	92	9.10	cps
Gadolinium	160-1	123	173	160	152	17.01	cps
Gadolinium	160-2	1193	1233	1240	1222	2.07	cps
Holmium	165-1	35170434	34951760	34656074	34926090	0.74	cps
Holmium	165-2	23809630	23714276	22578521	23367476	2.93	cps
Indium	115-1	30516913	30420899	30262789	30400200	0.42	cps
Indium	115-2	9947225	9795694	9501137	9748019	2.33	cps
Iron	56-2	45355	45448	44874	45226	0.68	cps
Iron	57-2	1963	2000	1963	1976	1.07	cps
Iron	54-2	4757	5068	4951	4925	3.18	cps
Krypton	83-1	303	313	290	302	3.87	cps

LB Number : LB133538 Operator : Jaswal
Lab Sample ID : P4831-06 Instrumnet Name : P7
Client Sample ID : E29W0 Dilution Factor : 1
Date & Time Acquired : 2024-11-20 11:17:12 DataFile Name : 036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2814	2857	2800	2824	1.05	cps
Lead	207-1	2270	2310	2314	2298	1.05	cps
Lead	208-1	11262	11095	10755	11037	2.34	cps
Lithium	6-1	3466564	3419314	3423967	3436615	0.76	cps
Magnesium	24-2	5988	5631	5374	5664	5.44	cps
Manganese	55-2	17617	17577	17263	17486	1.11	cps
Molybdenum	94-1	650	613	547	603	8.68	cps
Molybdenum	95-1	137	113	143	131	12.01	cps
Molybdenum	96-1	243	293	320	286	13.63	cps
Molybdenum	97-1	77	83	70	77	8.69	cps
Molybdenum	98-1	233	190	187	203	12.80	cps
Neodymium	150-1	13	40	17	23	62.27	cps
Neodymium	150-2	3	0	30	11	148.01	cps
Nickel	60-2	563	577	507	549	6.77	cps
Phosphorus	31-2	440	397	433	423	5.51	cps
Potassium	39-2	86135	85444	84771	85450	0.80	cps
Rhodium	103-1	28918633	28527011	28847979	28764541	0.73	cps
Rhodium	103-2	16591745	16434664	15422809	16149739	3.93	cps
Scandium	45-1	16607613	16584266	16701254	16631044	0.37	cps
Scandium	45-2	1332156	1345861	1244950	1307656	4.19	cps
Selenium	82-1	628	467	511	535	15.50	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	533	537	457	509	8.89	cps
Silicon	28-1	1278379	1266208	1271941	1272176	0.48	cps
Silver	107-1	290	370	350	337	12.37	cps
Silver	109-1	190	383	230	268	38.12	cps
Sodium	23-2	99381	97345	96540	97755	1.50	cps
Strontium	86-1	1120	1073	1063	1086	2.79	cps
Strontium	88-1	5941	5081	4814	5279	11.16	cps
Sulfur	34-1	318951	317025	318291	318089	0.31	cps
Terbium	159-1	36468087	35710286	35664265	35947546	1.26	cps
Terbium	159-2	23381909	23557586	21854081	22931192	4.09	cps
Thallium	203-1	607	590	460	552	14.54	cps
Thallium	205-1	1260	1167	1310	1246	5.84	cps
Tin	118-1	6832	6792	6472	6698	2.95	cps
Titanium	47-1	273	273	247	264	5.82	cps

LB Number :

LB133538

Operator :

Jaswal

Lab Sample ID :

P4831-06

Instrumnet Name :

P7

Client Sample ID :

E29W0

Dilution Factor :

1

Date & Time Acquired :

2024-11-20 11:17:12

DataFile Name :

036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	77	97	77	83	13.86	cps
Vanadium	51-2	127	83	113	108	20.60	cps
Yttrium	89-1	40269281	40378652	40539436	40395790	0.34	cps
Yttrium	89-2	9729490	9499827	9142129	9457149	3.13	cps
Zinc	66-2	12318	12015	12312	12215	1.42	cps
Zirconium	90-1	1577	1620	1530	1576	2.86	cps
Zirconium	91-1	293	303	333	310	6.71	cps

LB Number : LB133538 Operator : Jaswal
Lab Sample ID : P4831-07 Instrumnet Name : P7
Client Sample ID : E29W4 Dilution Factor : 1
Date & Time Acquired : 2024-11-20 11:20:29 DataFile Name : 037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1395	1458	1381	1411	2.91	cps
Antimony	121-1	167	163	187	172	7.33	cps
Arsenic	75-2	27	13	13	18	43.33	cps
Barium	135-1	427	420	423	423	0.79	cps
Barium	137-1	707	740	700	716	3.00	cps
Beryllium	9-1	89	56	78	74	22.91	cps
Bismuth	209-1	19490521	19898665	19776582	19721923	1.06	cps
Bismuth	209-2	15820470	16163306	15990588	15991455	1.07	cps
Bromine	81-1	17767	17587	16880	17412	2.69	cps
Bromine	81-2	320	323	277	307	8.49	cps
Cadmium	108-1	20	27	47	31	44.61	cps
Cadmium	106-1	10440	10387	10407	10412	0.26	cps
Cadmium	111-1	7351	7306	7299	7319	0.39	cps
Calcium	43-1	7018	7008	6668	6898	2.89	cps
Calcium	44-1	130039	132910	133138	132029	1.31	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	8693	8362	8706	8587	2.27	cps
Cobalt	59-2	240	233	280	251	10.05	cps
Copper	63-2	3040	3197	3130	3123	2.52	cps
Dysprosium	156-1	57	33	60	50	29.06	cps
Dysprosium	156-2	43	10	23	26	65.65	cps
Erbium	164-1	127	137	150	138	8.50	cps
Erbium	164-2	110	90	100	100	10.00	cps
Gadolinium	160-1	163	130	230	174	29.19	cps
Gadolinium	160-2	1187	1203	1200	1197	0.74	cps
Holmium	165-1	32899535	33369989	33390921	33220148	0.84	cps
Holmium	165-2	22839132	22886237	22949201	22891524	0.24	cps
Indium	115-1	28406002	28885511	28902319	28731277	0.98	cps
Indium	115-2	9629695	9718875	9720869	9689813	0.54	cps
Iron	56-2	49682	49387	49856	49642	0.48	cps
Iron	57-2	2130	2100	2127	2119	0.78	cps
Iron	54-2	5754	5428	5741	5641	3.28	cps
Krypton	83-1	300	317	273	297	7.37	cps

LB Number : LB133538 Operator : Jaswal
Lab Sample ID : P4831-07 Instrumnet Name : P7
Client Sample ID : E29W4 Dilution Factor : 1
Date & Time Acquired : 2024-11-20 11:20:29 DataFile Name : 037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2854	2970	2957	2927	2.18	cps
Lead	207-1	2560	2450	2554	2521	2.45	cps
Lead	208-1	11345	11495	11829	11556	2.14	cps
Lithium	6-1	3352952	3411489	3410840	3391760	0.99	cps
Magnesium	24-2	3837	3804	3627	3756	3.01	cps
Manganese	55-2	19800	20060	19937	19932	0.65	cps
Molybdenum	94-1	1417	1360	1380	1386	2.07	cps
Molybdenum	95-1	120	133	170	141	18.35	cps
Molybdenum	96-1	400	397	437	411	5.40	cps
Molybdenum	97-1	120	123	120	121	1.59	cps
Molybdenum	98-1	257	230	287	258	11.00	cps
Neodymium	150-1	23	40	30	31	26.97	cps
Neodymium	150-2	7	23	0	10	120.16	cps
Nickel	60-2	1003	1030	1030	1021	1.51	cps
Phosphorus	31-2	490	420	417	442	9.36	cps
Potassium	39-2	83796	82689	83139	83208	0.67	cps
Rhodium	103-1	27067198	27208909	27686905	27321004	1.19	cps
Rhodium	103-2	16021111	15961985	15812238	15931778	0.68	cps
Scandium	45-1	15494985	15780647	15909113	15728248	1.35	cps
Scandium	45-2	1275567	1281008	1295427	1284000	0.80	cps
Selenium	82-1	582	501	479	520	10.42	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	393	473	443	437	9.26	cps
Silicon	28-1	1255630	1285564	1291039	1277411	1.49	cps
Silver	107-1	337	283	287	302	9.89	cps
Silver	109-1	187	223	200	203	9.13	cps
Sodium	23-2	92710	92187	92535	92477	0.29	cps
Strontium	86-1	1093	1113	973	1060	7.14	cps
Strontium	88-1	4754	4587	4684	4675	1.79	cps
Sulfur	34-1	312308	310903	309722	310978	0.42	cps
Terbium	159-1	33609588	33950673	34471584	34010615	1.28	cps
Terbium	159-2	22567776	22664852	22803014	22678547	0.52	cps
Thallium	203-1	427	363	413	401	8.32	cps
Thallium	205-1	1097	940	943	993	9.01	cps
Tin	118-1	8156	8172	8423	8250	1.81	cps
Titanium	47-1	223	260	273	252	10.26	cps

LB Number :

LB133538

Operator :

Jaswal

Lab Sample ID :

P4831-07

Instrumnet Name :

P7

Client Sample ID :

E29W4

Dilution Factor :

1

Date & Time Acquired :

2024-11-20 11:20:29

DataFile Name :

037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	53	60	63	59	8.65	cps
Vanadium	51-2	117	110	117	114	3.36	cps
Yttrium	89-1	37776574	38663419	38293201	38244398	1.16	cps
Yttrium	89-2	9248499	9348414	9364309	9320408	0.67	cps
Zinc	66-2	13827	13836	13960	13874	0.54	cps
Zirconium	90-1	3640	3564	3687	3630	1.72	cps
Zirconium	91-1	707	837	807	783	8.69	cps

LB Number : LB133538 Operator : Jaswal
Lab Sample ID : P4831-08 Instrumnet Name : P7
Client Sample ID : E29W1 Dilution Factor : 1
Date & Time Acquired : 2024-11-20 11:23:43 DataFile Name : 038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3279	3115	3313	3236	3.27	cps
Antimony	121-1	153	147	143	148	3.45	cps
Arsenic	75-2	3	17	13	11	62.48	cps
Barium	135-1	390	323	307	340	12.97	cps
Barium	137-1	653	570	510	578	12.46	cps
Beryllium	9-1	72	94	67	78	18.90	cps
Bismuth	209-1	20030218	20484898	20143518	20219544	1.17	cps
Bismuth	209-2	16292320	16221476	16167989	16227262	0.38	cps
Bromine	81-1	15785	15475	16052	15771	1.83	cps
Bromine	81-2	180	210	190	193	7.90	cps
Cadmium	108-1	23	33	33	30	19.25	cps
Cadmium	106-1	10494	10571	10334	10466	1.15	cps
Cadmium	111-1	7383	7453	7240	7359	1.47	cps
Calcium	43-1	5961	6065	6335	6120	3.15	cps
Calcium	44-1	115895	117276	116002	116391	0.66	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5534	5678	5601	5604	1.28	cps
Cobalt	59-2	547	660	527	578	12.45	cps
Copper	63-2	3260	3057	3057	3125	3.76	cps
Dysprosium	156-1	30	40	20	30	33.33	cps
Dysprosium	156-2	17	23	37	26	39.85	cps
Erbium	164-1	110	123	97	110	12.12	cps
Erbium	164-2	63	110	87	87	26.93	cps
Gadolinium	160-1	147	147	170	154	8.72	cps
Gadolinium	160-2	1150	1197	1317	1221	7.04	cps
Holmium	165-1	33598877	34096387	34088304	33927856	0.84	cps
Holmium	165-2	23112153	23305947	23279145	23232415	0.45	cps
Indium	115-1	29324132	29738823	29652517	29571824	0.74	cps
Indium	115-2	9816154	9780930	9722606	9773230	0.48	cps
Iron	56-2	39776	39662	39625	39688	0.20	cps
Iron	57-2	1777	1793	1800	1790	0.67	cps
Iron	54-2	4737	4587	4537	4621	2.25	cps
Krypton	83-1	353	320	307	327	7.36	cps

LB Number : LB133538 Operator : Jaswal
Lab Sample ID : P4831-08 Instrumnet Name : P7
Client Sample ID : E29W1 Dilution Factor : 1
Date & Time Acquired : 2024-11-20 11:23:43 DataFile Name : 038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2640	2654	2557	2617	2.00	cps
Lead	207-1	2364	2294	2244	2300	2.62	cps
Lead	208-1	10412	10328	10338	10359	0.44	cps
Lithium	6-1	3423264	3523239	3413199	3453234	1.76	cps
Magnesium	24-2	3024	3267	3557	3283	8.14	cps
Manganese	55-2	15118	14741	14674	14844	1.61	cps
Molybdenum	94-1	653	760	663	692	8.51	cps
Molybdenum	95-1	103	127	120	117	10.30	cps
Molybdenum	96-1	303	240	297	280	12.43	cps
Molybdenum	97-1	103	63	73	80	26.02	cps
Molybdenum	98-1	180	220	200	200	10.00	cps
Neodymium	150-1	23	27	30	27	12.51	cps
Neodymium	150-2	20	13	7	13	49.99	cps
Nickel	60-2	647	667	653	656	1.55	cps
Phosphorus	31-2	423	387	377	396	6.21	cps
Potassium	39-2	80317	79741	80843	80300	0.69	cps
Rhodium	103-1	27870529	28123478	28019731	28004579	0.45	cps
Rhodium	103-2	16357783	16159751	16245582	16254372	0.61	cps
Scandium	45-1	16157511	16307194	15948604	16137770	1.12	cps
Scandium	45-2	1317344	1326171	1339539	1327685	0.84	cps
Selenium	82-1	494	457	483	478	4.01	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	537	437	387	453	16.85	cps
Silicon	28-1	1267515	1253452	1256999	1259322	0.58	cps
Silver	107-1	243	253	203	233	11.34	cps
Silver	109-1	133	150	163	149	10.09	cps
Sodium	23-2	80338	80006	80090	80145	0.22	cps
Strontium	86-1	910	960	983	951	3.94	cps
Strontium	88-1	3974	3994	4117	4028	1.93	cps
Sulfur	34-1	307418	307046	306363	306943	0.17	cps
Terbium	159-1	35146694	34969551	34996084	35037443	0.27	cps
Terbium	159-2	22961530	23039153	22884205	22961629	0.34	cps
Thallium	203-1	327	310	290	309	5.94	cps
Thallium	205-1	827	793	830	817	2.48	cps
Tin	118-1	6872	6672	7052	6865	2.77	cps
Titanium	47-1	323	293	243	287	14.10	cps

LB Number :

LB133538

Operator :

Jaswal

Lab Sample ID :

P4831-08

Instrumnet Name :

P7

Client Sample ID :

E29W1

Dilution Factor :

1

Date & Time Acquired :

2024-11-20 11:23:43

DataFile Name :

038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	70	27	53	50	43.71	cps
Vanadium	51-2	130	77	137	114	28.73	cps
Yttrium	89-1	38937015	39339596	39016019	39097544	0.55	cps
Yttrium	89-2	9464273	9467761	9526237	9486090	0.37	cps
Zinc	66-2	12165	12235	12339	12246	0.71	cps
Zirconium	90-1	1877	1863	1903	1881	1.08	cps
Zirconium	91-1	380	410	370	387	5.38	cps

LB Number : LB133538 Operator : Jaswal
Lab Sample ID : P4831-09 Instrumnet Name : P7
Client Sample ID : E29W5 Dilution Factor : 1
Date & Time Acquired : 2024-11-20 11:26:59 DataFile Name : 039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5103	5109	5090	5100	0.20	cps
Antimony	121-1	177	160	127	154	16.48	cps
Arsenic	75-2	7	7	17	10	57.72	cps
Barium	135-1	430	470	507	469	8.18	cps
Barium	137-1	810	780	770	787	2.65	cps
Beryllium	9-1	72	44	50	56	26.45	cps
Bismuth	209-1	19652833	20055026	19989738	19899199	1.08	cps
Bismuth	209-2	16222329	16197376	16043846	16154517	0.60	cps
Bromine	81-1	15148	15345	15281	15258	0.66	cps
Bromine	81-2	187	143	123	151	21.42	cps
Cadmium	108-1	30	27	20	26	19.92	cps
Cadmium	106-1	10694	10080	10180	10318	3.19	cps
Cadmium	111-1	7525	7097	7162	7262	3.17	cps
Calcium	43-1	5968	6135	6488	6197	4.29	cps
Calcium	44-1	119509	120981	120645	120378	0.64	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6031	6321	6125	6159	2.40	cps
Cobalt	59-2	217	200	167	194	13.09	cps
Copper	63-2	3981	3967	3984	3977	0.22	cps
Dysprosium	156-1	57	57	47	53	10.82	cps
Dysprosium	156-2	20	23	33	26	27.15	cps
Erbium	164-1	140	123	163	142	14.13	cps
Erbium	164-2	110	107	113	110	3.03	cps
Gadolinium	160-1	143	120	170	144	17.32	cps
Gadolinium	160-2	1200	1160	1203	1188	2.03	cps
Holmium	165-1	33626295	33498704	33879926	33668308	0.58	cps
Holmium	165-2	23180150	22967312	22858881	23002115	0.71	cps
Indium	115-1	28969302	29022493	28935015	28975604	0.15	cps
Indium	115-2	9587122	9756774	9724221	9689373	0.93	cps
Iron	56-2	42456	42186	43225	42622	1.27	cps
Iron	57-2	1947	1887	1913	1916	1.57	cps
Iron	54-2	4931	4884	4934	4916	0.57	cps
Krypton	83-1	317	300	297	304	3.52	cps

LB Number : LB133538 Operator : Jaswal
Lab Sample ID : P4831-09 Instrumnet Name : P7
Client Sample ID : E29W5 Dilution Factor : 1
Date & Time Acquired : 2024-11-20 11:26:59 DataFile Name : 039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2637	2347	2650	2545	6.74	cps
Lead	207-1	2037	2110	2227	2125	4.51	cps
Lead	208-1	9922	9721	10075	9906	1.79	cps
Lithium	6-1	3403091	3471942	3402182	3425738	1.17	cps
Magnesium	24-2	3687	3580	3720	3663	2.00	cps
Manganese	55-2	20885	20784	20421	20697	1.18	cps
Molybdenum	94-1	553	667	690	637	11.48	cps
Molybdenum	95-1	143	153	123	140	10.91	cps
Molybdenum	96-1	263	257	247	256	3.28	cps
Molybdenum	97-1	80	70	90	80	12.50	cps
Molybdenum	98-1	177	190	217	194	10.47	cps
Neodymium	150-1	13	13	20	16	24.76	cps
Neodymium	150-2	7	17	7	10	57.72	cps
Nickel	60-2	657	707	703	689	4.06	cps
Phosphorus	31-2	437	467	437	447	3.88	cps
Potassium	39-2	79017	80069	78826	79304	0.84	cps
Rhodium	103-1	27714030	27415554	28011872	27713818	1.08	cps
Rhodium	103-2	16050815	16113942	16110889	16091882	0.22	cps
Scandium	45-1	15791144	15897706	15863764	15850871	0.34	cps
Scandium	45-2	1321294	1308732	1312157	1314061	0.49	cps
Selenium	82-1	546	542	559	549	1.60	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	460	433	483	459	5.45	cps
Silicon	28-1	1272200	1279739	1305827	1285922	1.37	cps
Silver	107-1	193	227	197	206	8.93	cps
Silver	109-1	147	130	170	149	13.49	cps
Sodium	23-2	80341	80499	81290	80710	0.63	cps
Strontium	86-1	900	1007	927	944	5.88	cps
Strontium	88-1	3807	4037	4074	3973	3.64	cps
Sulfur	34-1	308093	306673	307129	307298	0.24	cps
Terbium	159-1	34474536	34445446	34639846	34519943	0.30	cps
Terbium	159-2	22832681	22958036	22968570	22919763	0.33	cps
Thallium	203-1	273	253	213	247	12.39	cps
Thallium	205-1	677	550	573	600	11.24	cps
Tin	118-1	7699	7609	7582	7630	0.80	cps
Titanium	47-1	310	280	283	291	5.65	cps

LB Number :

LB133538

Operator :

Jaswal

Lab Sample ID :

P4831-09

Instrumnet Name :

P7

Client Sample ID :

E29W5

Dilution Factor :

1

Date & Time Acquired :

2024-11-20 11:26:59

DataFile Name :

039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	73	53	53	60	19.25	cps
Vanadium	51-2	107	120	123	117	7.56	cps
Yttrium	89-1	38502325	38402066	38512446	38472279	0.16	cps
Yttrium	89-2	9526253	9415334	9299362	9413650	1.21	cps
Zinc	66-2	13176	12812	12962	12984	1.41	cps
Zirconium	90-1	1670	1683	1633	1662	1.56	cps
Zirconium	91-1	360	347	340	349	2.92	cps

LB Number : LB133538 Operator : Jaswal
Lab Sample ID : P4831-10 Instrumnet Name : P7
Client Sample ID : E29R6 Dilution Factor : 1
Date & Time Acquired : 2024-11-20 11:30:14 DataFile Name : 040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6418	5518	5177	5704	11.24	cps
Antimony	121-1	297	277	287	287	3.49	cps
Arsenic	75-2	673	510	583	589	13.89	cps
Barium	135-1	358616	359761	360613	359663	0.28	cps
Barium	137-1	624996	629677	623685	626120	0.50	cps
Beryllium	9-1	56	39	78	57	33.99	cps
Bismuth	209-1	19793252	20271137	19958208	20007533	1.21	cps
Bismuth	209-2	15166620	15800553	16026926	15664699	2.85	cps
Bromine	81-1	47332	57876	62280	55830	13.76	cps
Bromine	81-2	9126	9230	9446	9267	1.76	cps
Cadmium	108-1	43	73	57	58	26.01	cps
Cadmium	106-1	10981	10771	10267	10673	3.44	cps
Cadmium	111-1	7710	7542	7201	7484	3.47	cps
Calcium	43-1	6541168	6592188	6486150	6539835	0.81	cps
Calcium	44-1	104571728	104437008	103396765	104135167	0.62	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5638	5941	5658	5746	2.95	cps
Cobalt	59-2	9867	10023	9683	9858	1.73	cps
Copper	63-2	3497	3284	3434	3405	3.22	cps
Dysprosium	156-1	147	140	123	137	8.79	cps
Dysprosium	156-2	93	100	80	91	11.18	cps
Erbium	164-1	203	237	220	220	7.57	cps
Erbium	164-2	153	147	223	174	24.35	cps
Gadolinium	160-1	237	203	223	221	7.59	cps
Gadolinium	160-2	1267	1283	1277	1276	0.66	cps
Holmium	165-1	34608189	34348056	34825626	34593957	0.69	cps
Holmium	165-2	22140950	23241838	23690485	23024424	3.46	cps
Indium	115-1	29359033	29591740	29524247	29491673	0.41	cps
Indium	115-2	9393645	9615002	9867793	9625480	2.46	cps
Iron	56-2	2103549	2132959	2044866	2093791	2.14	cps
Iron	57-2	148828	149033	149243	149035	0.14	cps
Iron	54-2	118135	117544	115119	116933	1.37	cps
Krypton	83-1	333	300	333	322	5.97	cps

LB Number : LB133538 Operator : Jaswal
Lab Sample ID : P4831-10 Instrumnet Name : P7
Client Sample ID : E29R6 Dilution Factor : 1
Date & Time Acquired : 2024-11-20 11:30:14 DataFile Name : 040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2474	2607	2590	2557	2.84	cps
Lead	207-1	2137	1910	2264	2104	8.51	cps
Lead	208-1	9785	9812	10072	9889	1.60	cps
Lithium	6-1	3524711	3536713	3474334	3511919	0.94	cps
Magnesium	24-2	39237814	39307702	38281489	38942335	1.47	cps
Manganese	55-2	2915697	2902185	2850786	2889556	1.19	cps
Molybdenum	94-1	52029	51771	52434	52078	0.64	cps
Molybdenum	95-1	89347	89823	87399	88856	1.45	cps
Molybdenum	96-1	95640	95901	96093	95878	0.24	cps
Molybdenum	97-1	55860	56211	54739	55603	1.38	cps
Molybdenum	98-1	142602	142770	142722	142698	0.06	cps
Neodymium	150-1	133	120	130	128	5.43	cps
Neodymium	150-2	63	60	67	63	5.27	cps
Nickel	60-2	2567	2747	2590	2635	3.72	cps
Phosphorus	31-2	520	517	553	530	3.83	cps
Potassium	39-2	1650100	1681321	1646310	1659244	1.16	cps
Rhodium	103-1	27585425	27336811	27468363	27463533	0.45	cps
Rhodium	103-2	14903249	15526676	15670650	15366858	2.65	cps
Scandium	45-1	16516311	16285039	16550253	16450534	0.88	cps
Scandium	45-2	1264058	1320293	1321015	1301789	2.51	cps
Selenium	82-1	644	585	554	595	7.70	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	540	420	417	459	15.31	cps
Silicon	28-1	83480597	84114244	82773785	83456209	0.80	cps
Silver	107-1	253	240	173	222	19.29	cps
Silver	109-1	137	137	123	132	5.82	cps
Sodium	23-2	22257022	22152236	21806657	22071972	1.07	cps
Strontium	86-1	23857001	23839170	23765226	23820466	0.20	cps
Strontium	88-1	206735504	208340344	208157210	207744352	0.42	cps
Sulfur	34-1	1707916	1676225	1664732	1682958	1.33	cps
Terbium	159-1	35764928	35783236	35845668	35797944	0.12	cps
Terbium	159-2	22234540	23059095	23166818	22820151	2.23	cps
Thallium	203-1	647	763	617	676	11.47	cps
Thallium	205-1	1430	1583	1647	1553	7.17	cps
Tin	118-1	7182	7092	7259	7177	1.16	cps
Titanium	47-1	1117	1117	1180	1138	3.21	cps

LB Number :

LB133538

Operator :

Jaswal

Lab Sample ID :

P4831-10

Instrumnet Name :

P7

Client Sample ID :

E29R6

Dilution Factor :

1

Date & Time Acquired :

2024-11-20 11:30:14

DataFile Name :

040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	100657	101373	101927	101319	0.63	cps
Vanadium	51-2	253	217	223	231	8.45	cps
Yttrium	89-1	40029724	40296409	40305001	40210378	0.39	cps
Yttrium	89-2	8861865	9244180	9437733	9181259	3.19	cps
Zinc	66-2	10144	9887	9783	9938	1.87	cps
Zirconium	90-1	3054	3027	3314	3131	5.06	cps
Zirconium	91-1	663	677	707	682	3.25	cps

LB Number : LB133538 Operator : Jaswal
Lab Sample ID : P4831-11 Instrumnet Name : P7
Client Sample ID : E29S0 Dilution Factor : 1
Date & Time Acquired : 2024-11-20 11:33:25 DataFile Name : 041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2157	2185	2262	2202	2.47	cps
Antimony	121-1	1097	1157	1330	1195	10.14	cps
Arsenic	75-2	673	673	677	674	0.29	cps
Barium	135-1	1180004	1191139	1185344	1185496	0.47	cps
Barium	137-1	2089574	2129067	2141948	2120196	1.29	cps
Beryllium	9-1	39	67	56	54	26.03	cps
Bismuth	209-1	20167223	20053215	19958416	20059618	0.52	cps
Bismuth	209-2	16060828	16074772	16085428	16073676	0.08	cps
Bromine	81-1	49349	56039	60001	55130	9.77	cps
Bromine	81-2	8362	8529	8643	8511	1.66	cps
Cadmium	108-1	47	37	37	40	14.43	cps
Cadmium	106-1	10857	10914	10394	10722	2.66	cps
Cadmium	111-1	7688	7671	7340	7566	2.59	cps
Calcium	43-1	6743990	6726403	6774519	6748304	0.36	cps
Calcium	44-1	108027342	108640948	107261622	107976637	0.64	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7282	7589	7075	7315	3.53	cps
Cobalt	59-2	4091	3961	3911	3987	2.33	cps
Copper	63-2	9670	9653	9373	9565	1.74	cps
Dysprosium	156-1	140	117	123	127	9.49	cps
Dysprosium	156-2	70	103	107	93	21.72	cps
Erbium	164-1	267	267	223	252	9.92	cps
Erbium	164-2	173	177	183	178	2.86	cps
Gadolinium	160-1	243	237	223	234	4.34	cps
Gadolinium	160-2	1277	1233	1313	1275	3.14	cps
Holmium	165-1	35164029	34505456	34951495	34873660	0.96	cps
Holmium	165-2	23456792	23433173	23701695	23530553	0.63	cps
Indium	115-1	29529328	29485371	29521004	29511901	0.08	cps
Indium	115-2	9787126	9906802	9841453	9845127	0.61	cps
Iron	56-2	1162244	1158128	1155709	1158694	0.29	cps
Iron	57-2	130713	131032	134095	131947	1.42	cps
Iron	54-2	65559	65220	65980	65586	0.58	cps
Krypton	83-1	340	320	340	333	3.46	cps

LB Number : LB133538 Operator : Jaswal
Lab Sample ID : P4831-11 Instrumnet Name : P7
Client Sample ID : E29S0 Dilution Factor : 1
Date & Time Acquired : 2024-11-20 11:33:25 DataFile Name : 041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3217	3267	3080	3188	3.03	cps
Lead	207-1	2680	2897	2797	2791	3.89	cps
Lead	208-1	12609	12522	12559	12563	0.35	cps
Lithium	6-1	3547330	3437895	3512385	3499203	1.60	cps
Magnesium	24-2	35688385	35802694	35515585	35668888	0.41	cps
Manganese	55-2	907929	901119	908757	905935	0.46	cps
Molybdenum	94-1	23222	23836	23011	23357	1.83	cps
Molybdenum	95-1	38013	38748	38674	38478	1.05	cps
Molybdenum	96-1	42281	41512	42391	42061	1.14	cps
Molybdenum	97-1	24237	24414	24430	24360	0.44	cps
Molybdenum	98-1	62667	62506	62721	62631	0.18	cps
Neodymium	150-1	207	190	177	191	7.86	cps
Neodymium	150-2	80	103	67	83	22.27	cps
Nickel	60-2	5381	5614	5314	5437	2.90	cps
Phosphorus	31-2	527	597	527	550	7.35	cps
Potassium	39-2	1905898	1962072	1938426	1935465	1.46	cps
Rhodium	103-1	27546685	27562930	27442099	27517238	0.24	cps
Rhodium	103-2	16060044	15902665	15871154	15944621	0.63	cps
Scandium	45-1	16368604	16524257	16331061	16407974	0.62	cps
Scandium	45-2	1307836	1364493	1335627	1335985	2.12	cps
Selenium	82-1	914	943	866	908	4.27	cps
Selenium	77-2	30	27	43	33	26.45	cps
Selenium	78-2	613	483	520	539	12.44	cps
Silicon	28-1	63827899	64866352	64139691	64277981	0.83	cps
Silver	107-1	300	223	250	258	15.10	cps
Silver	109-1	83	143	120	116	26.18	cps
Sodium	23-2	23227387	23249159	22811880	23096142	1.07	cps
Strontium	86-1	2057003	2052623	2115803	2075143	1.70	cps
Strontium	88-1	17888860	17989778	18057968	17978869	0.47	cps
Sulfur	34-1	1240210	1250799	1221869	1237626	1.18	cps
Terbium	159-1	35943985	35166091	35508356	35539478	1.10	cps
Terbium	159-2	23430540	23432607	23380631	23414593	0.13	cps
Thallium	203-1	980	1010	967	986	2.25	cps
Thallium	205-1	2444	2250	2454	2382	4.81	cps
Tin	118-1	8576	9057	8763	8799	2.76	cps
Titanium	47-1	970	917	1060	982	7.38	cps

LB Number : LB133538 Operator : Jaswal
Lab Sample ID : P4831-11 Instrumnet Name : P7
Client Sample ID : E29S0 Dilution Factor : 1
Date & Time Acquired : 2024-11-20 11:33:25 DataFile Name : 041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	94903	95684	96273	95620	0.72	cps
Vanadium	51-2	477	480	560	506	9.33	cps
Yttrium	89-1	39665376	40032249	40365726	40021117	0.88	cps
Yttrium	89-2	9734723	9684627	9723474	9714275	0.27	cps
Zinc	66-2	10400	10540	10073	10338	2.32	cps
Zirconium	90-1	4001	4011	3741	3917	3.91	cps
Zirconium	91-1	793	867	820	827	4.49	cps

LB Number : LB133538 Operator : Jaswal
Lab Sample ID : P4831-12 Instrumnet Name : P7
Client Sample ID : E29S2 Dilution Factor : 1
Date & Time Acquired : 2024-11-20 11:36:33 DataFile Name : 042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2265	2296	2187	2249	2.49	cps
Antimony	121-1	213	227	200	213	6.25	cps
Arsenic	75-2	497	570	527	531	6.94	cps
Barium	135-1	348786	356756	358533	354692	1.46	cps
Barium	137-1	612030	617723	619531	616428	0.64	cps
Beryllium	9-1	56	61	39	52	22.30	cps
Bismuth	209-1	20352783	20051696	20215548	20206676	0.75	cps
Bismuth	209-2	16321041	16187303	16056811	16188385	0.82	cps
Bromine	81-1	51764	60898	66345	59669	12.35	cps
Bromine	81-2	9340	9063	9777	9393	3.83	cps
Cadmium	108-1	37	33	37	36	5.42	cps
Cadmium	106-1	11074	10724	10724	10841	1.87	cps
Cadmium	111-1	7813	7510	7538	7620	2.20	cps
Calcium	43-1	6277694	6511518	6446490	6411901	1.88	cps
Calcium	44-1	101739278	103178072	101613618	102176990	0.85	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5474	5461	5451	5462	0.21	cps
Cobalt	59-2	9807	10140	9560	9836	2.96	cps
Copper	63-2	3781	3677	3777	3745	1.57	cps
Dysprosium	156-1	110	110	130	117	9.90	cps
Dysprosium	156-2	93	110	113	106	10.16	cps
Erbium	164-1	280	240	227	249	11.15	cps
Erbium	164-2	197	193	180	190	4.64	cps
Gadolinium	160-1	230	243	237	237	2.82	cps
Gadolinium	160-2	1237	1297	1297	1277	2.71	cps
Holmium	165-1	34874481	34617380	34875740	34789201	0.43	cps
Holmium	165-2	24208370	23589395	23528297	23775354	1.58	cps
Indium	115-1	30015227	29701863	29902132	29873074	0.53	cps
Indium	115-2	9840579	9955046	9813815	9869813	0.76	cps
Iron	56-2	2051873	2067162	2042673	2053903	0.60	cps
Iron	57-2	146692	148785	149404	148293	0.96	cps
Iron	54-2	111475	114065	112426	112655	1.16	cps
Krypton	83-1	343	300	287	310	9.56	cps

LB Number : LB133538 Operator : Jaswal
Lab Sample ID : P4831-12 Instrumnet Name : P7
Client Sample ID : E29S2 Dilution Factor : 1
Date & Time Acquired : 2024-11-20 11:36:33 DataFile Name : 042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2787	2737	2574	2699	4.13	cps
Lead	207-1	2184	2204	2337	2241	3.72	cps
Lead	208-1	10562	10342	10478	10461	1.06	cps
Lithium	6-1	3542297	3504658	3539776	3528910	0.60	cps
Magnesium	24-2	37341349	38668296	38278231	38095959	1.79	cps
Manganese	55-2	2861914	2863617	2849780	2858437	0.26	cps
Molybdenum	94-1	51306	50373	50534	50738	0.98	cps
Molybdenum	95-1	86832	87640	88032	87502	0.70	cps
Molybdenum	96-1	93553	94133	95324	94337	0.96	cps
Molybdenum	97-1	54541	55277	54565	54794	0.76	cps
Molybdenum	98-1	140169	142621	142723	141838	1.02	cps
Neodymium	150-1	127	120	160	136	15.81	cps
Neodymium	150-2	70	63	60	64	7.90	cps
Nickel	60-2	2764	2760	2914	2813	3.11	cps
Phosphorus	31-2	513	547	540	533	3.31	cps
Potassium	39-2	1611188	1644097	1593685	1616323	1.58	cps
Rhodium	103-1	27952149	27181082	27210557	27447929	1.59	cps
Rhodium	103-2	16049254	15875418	16021533	15982068	0.58	cps
Scandium	45-1	16668854	16488592	16504932	16554126	0.60	cps
Scandium	45-2	1313104	1340543	1332167	1328605	1.06	cps
Selenium	82-1	600	606	507	571	9.71	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	417	517	390	441	15.14	cps
Silicon	28-1	82280489	83077414	81447717	82268540	0.99	cps
Silver	107-1	230	217	270	239	11.62	cps
Silver	109-1	123	110	120	118	5.89	cps
Sodium	23-2	21348243	22176463	21784129	21769612	1.90	cps
Strontium	86-1	23249881	23696398	23643154	23529811	1.04	cps
Strontium	88-1	205175210	204803910	205333950	205104357	0.13	cps
Sulfur	34-1	1695275	1725091	1703767	1708045	0.90	cps
Terbium	159-1	35909696	35569347	35912547	35797197	0.55	cps
Terbium	159-2	23511845	23896436	23345200	23584494	1.20	cps
Thallium	203-1	760	753	637	717	9.68	cps
Thallium	205-1	1630	1600	1720	1650	3.79	cps
Tin	118-1	6755	7395	7519	7223	5.68	cps
Titanium	47-1	1130	1160	1233	1175	4.53	cps

LB Number :

LB133538

Operator :

Jaswal

Lab Sample ID :

P4831-12

Instrumnet Name :

P7

Client Sample ID :

E29S2

Dilution Factor :

1

Date & Time Acquired :

2024-11-20 11:36:33

DataFile Name :

042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	98847	99146	99798	99264	0.49	cps
Vanadium	51-2	243	220	233	232	5.04	cps
Yttrium	89-1	40921181	40518116	40272118	40570472	0.81	cps
Yttrium	89-2	9695142	9452470	9536458	9561357	1.29	cps
Zinc	66-2	9316	8863	9143	9107	2.51	cps
Zirconium	90-1	2560	2650	2590	2600	1.76	cps
Zirconium	91-1	530	543	557	543	2.45	cps

LB Number : LB133538 Operator : Jaswal
Lab Sample ID : P4831-13 Instrumnet Name : P7
Client Sample ID : E29S6 Dilution Factor : 1
Date & Time Acquired : 2024-11-20 11:39:43 DataFile Name : 043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	404678	403196	404579	404151	0.20	cps
Antimony	121-1	27593	27226	28124	27648	1.63	cps
Arsenic	75-2	6498	6415	6578	6497	1.26	cps
Barium	135-1	889337	894936	906823	897032	1.00	cps
Barium	137-1	1588788	1612215	1598735	1599913	0.73	cps
Beryllium	9-1	156	144	150	150	3.70	cps
Bismuth	209-1	20435178	20354573	20075692	20288481	0.93	cps
Bismuth	209-2	15911439	16016020	15890898	15939453	0.42	cps
Bromine	81-1	70749	88557	96778	85361	15.59	cps
Bromine	81-2	15415	16202	15935	15851	2.53	cps
Cadmium	108-1	107	83	93	94	12.40	cps
Cadmium	106-1	11258	11141	10757	11052	2.37	cps
Cadmium	111-1	8016	7964	7708	7896	2.08	cps
Calcium	43-1	7822199	7879068	7750661	7817309	0.82	cps
Calcium	44-1	124050728	127649675	125500741	125733715	1.44	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	26179	25669	26256	26035	1.23	cps
Cobalt	59-2	32201	33167	32873	32747	1.51	cps
Copper	63-2	44469	44663	44285	44472	0.42	cps
Dysprosium	156-1	5971	6295	6195	6154	2.69	cps
Dysprosium	156-2	4794	4954	4811	4853	1.81	cps
Erbium	164-1	5008	5368	5261	5212	3.55	cps
Erbium	164-2	3560	3530	3744	3612	3.20	cps
Gadolinium	160-1	6088	6355	6375	6273	2.55	cps
Gadolinium	160-2	5655	5488	5685	5609	1.89	cps
Holmium	165-1	35524206	34489349	34767592	34927049	1.53	cps
Holmium	165-2	23705031	23358637	23461272	23508314	0.76	cps
Indium	115-1	29690089	29603955	29660063	29651369	0.15	cps
Indium	115-2	9871752	9817576	9560977	9750101	1.70	cps
Iron	56-2	28714708	28448419	28651504	28604877	0.49	cps
Iron	57-2	826218	830296	828077	828197	0.25	cps
Iron	54-2	1571646	1605819	1558413	1578626	1.55	cps
Krypton	83-1	380	290	313	328	14.25	cps

LB Number :

LB133538

Operator :

Jaswal

Lab Sample ID :

P4831-13

Instrumnet Name :

P7

Client Sample ID :

E29S6

Dilution Factor :

1

Date & Time Acquired :

2024-11-20 11:39:43

DataFile Name :

043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	23574	24579	23951	24035	2.11	cps
Lead	207-1	19210	20035	19521	19589	2.13	cps
Lead	208-1	89983	93127	91573	91561	1.72	cps
Lithium	6-1	3558736	3490275	3458955	3502656	1.46	cps
Magnesium	24-2	44508608	44165328	43711813	44128583	0.91	cps
Manganese	55-2	2596065	2545270	2541617	2560984	1.19	cps
Molybdenum	94-1	111446	114093	113828	113122	1.29	cps
Molybdenum	95-1	173839	174325	175611	174591	0.52	cps
Molybdenum	96-1	187435	190132	192659	190075	1.37	cps
Molybdenum	97-1	107219	109432	110742	109131	1.63	cps
Molybdenum	98-1	280341	284716	282023	282360	0.78	cps
Neodymium	150-1	9964	10414	9773	10050	3.27	cps
Neodymium	150-2	5751	5538	5578	5622	2.02	cps
Nickel	60-2	20521	20351	21082	20651	1.85	cps
Phosphorus	31-2	2013	2117	2027	2052	2.74	cps
Potassium	39-2	2471341	2510550	2510132	2497341	0.90	cps
Rhodium	103-1	27432836	27050302	27201943	27228360	0.71	cps
Rhodium	103-2	15902086	15830854	15583223	15772054	1.06	cps
Scandium	45-1	16930215	16430490	16544592	16635099	1.57	cps
Scandium	45-2	1332016	1317859	1298709	1316195	1.27	cps
Selenium	82-1	589	626	581	599	4.04	cps
Selenium	77-2	10	33	17	20	60.08	cps
Selenium	78-2	510	487	443	480	7.05	cps
Silicon	28-1	99561352	103374305	101559298	101498318	1.88	cps
Silver	107-1	353	350	370	358	3.00	cps
Silver	109-1	263	213	250	242	10.69	cps
Sodium	23-2	20712751	20640724	20491236	20614903	0.55	cps
Strontium	86-1	1952340	1950900	1975181	1959473	0.70	cps
Strontium	88-1	17159734	17133096	17224788	17172539	0.27	cps
Sulfur	34-1	2823666	2906012	2855229	2861636	1.45	cps
Terbium	159-1	36615919	35872892	35988034	36158948	1.11	cps
Terbium	159-2	23528800	23238885	23132287	23299991	0.88	cps
Thallium	203-1	1583	1487	1507	1526	3.34	cps
Thallium	205-1	3574	3654	3507	3578	2.05	cps
Tin	118-1	9780	9977	9894	9883	1.00	cps
Titanium	47-1	63582	60338	61131	61684	2.74	cps

LB Number :LB133538

Operator :Jaswal

Lab Sample ID :P4831-13

Instrumnet Name :P7

Client Sample ID :E29S6

Dilution Factor :1

Date & Time Acquired :2024-11-20 11:39:43

DataFile Name :043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	78895	80180	80052	79709	0.89	cps
Vanadium	51-2	14344	15582	15068	14998	4.15	cps
Yttrium	89-1	40667652	39494070	39701989	39954570	1.57	cps
Yttrium	89-2	9561694	9551961	9471380	9528345	0.52	cps
Zinc	66-2	19736	19192	19429	19453	1.40	cps
Zirconium	90-1	37409	37688	37074	37390	0.82	cps
Zirconium	91-1	8326	8062	8590	8326	3.17	cps

LB Number :LB133538Operator :Jaswal

Lab Sample ID :CCV005Instrumnet Name :P7

Client Sample ID :CCV005Dilution Factor :1

Date & Time Acquired :2024-11-20 11:42:51DataFile Name :044CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	26103296	26442051	26655248	26400199	1.05	cps
Antimony	121-1	12513736	12625910	12665001	12601549	0.62	cps
Arsenic	75-2	638313	634205	633111	635210	0.43	cps
Barium	135-1	15256305	15299309	15258000	15271205	0.16	cps
Barium	137-1	25861698	26283502	26401570	26182257	1.08	cps
Beryllium	9-1	1275072	1259165	1275417	1269885	0.73	cps
Bismuth	209-1	19278010	18978629	18788407	19015015	1.30	cps
Bismuth	209-2	14609711	14621783	14596912	14609469	0.09	cps
Bromine	81-1	28855	27339	25676	27290	5.83	cps
Bromine	81-2	1423	1417	1187	1342	10.04	cps
Cadmium	108-1	242301	242131	243785	242739	0.37	cps
Cadmium	106-1	344403	347886	347622	346637	0.56	cps
Cadmium	111-1	3334929	3337560	3338067	3336852	0.05	cps
Calcium	43-1	16095268	16140007	16229200	16154825	0.42	cps
Calcium	44-1	262030983	259506276	264010863	261849374	0.86	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4984996	4973765	4950123	4969628	0.36	cps
Cobalt	59-2	8049880	8147612	8031005	8076166	0.77	cps
Copper	63-2	58902077	59005379	58847554	58918337	0.14	cps
Dysprosium	156-1	610	693	740	681	9.67	cps
Dysprosium	156-2	1037	1017	947	1000	4.73	cps
Erbium	164-1	663	670	660	664	0.77	cps
Erbium	164-2	433	480	517	477	8.76	cps
Gadolinium	160-1	473	573	627	558	13.96	cps
Gadolinium	160-2	1393	1407	1603	1468	8.01	cps
Holmium	165-1	34929629	34145821	34359399	34478283	1.18	cps
Holmium	165-2	23261073	23111925	23002330	23125109	0.56	cps
Indium	115-1	28429457	28047602	27976425	28151162	0.87	cps
Indium	115-2	9382332	9188048	9338295	9302892	1.09	cps
Iron	56-2	1111026143	1118662650	1114590623	1114759806	0.34	cps
Iron	57-2	27639168	27772943	27931357	27781156	0.53	cps
Iron	54-2	60689182	61060612	60546416	60765404	0.44	cps
Krypton	83-1	350	330	437	372	15.23	cps

LB Number : LB133538 Operator : Jaswal
Lab Sample ID : CCV005 Instrumnet Name : P7
Client Sample ID : CCV005 Dilution Factor : 1
Date & Time Acquired : 2024-11-20 11:42:51 DataFile Name : 044CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	43202441	43535474	43120788	43286234	0.51	cps
Lead	207-1	38029059	38534890	38062662	38208871	0.74	cps
Lead	208-1	172479189	174410817	172450538	173113515	0.65	cps
Lithium	6-1	3388232	3267153	3237273	3297553	2.42	cps
Magnesium	24-2	229186277	225830263	225998970	227005170	0.83	cps
Manganese	55-2	37479767	37745013	37720299	37648360	0.39	cps
Molybdenum	94-1	44477021	45078253	45128366	44894547	0.81	cps
Molybdenum	95-1	64737102	65552934	65446226	65245421	0.68	cps
Molybdenum	96-1	71105964	71887231	72449776	71814323	0.94	cps
Molybdenum	97-1	40201017	40644369	41082122	40642502	1.08	cps
Molybdenum	98-1	103931802	104267398	105687788	104628996	0.89	cps
Neodymium	150-1	907	897	840	881	4.08	cps
Neodymium	150-2	277	213	280	257	14.64	cps
Nickel	60-2	2047196	2030504	2088693	2055465	1.46	cps
Phosphorus	31-2	243904	243667	245090	244220	0.31	cps
Potassium	39-2	128362498	129309095	129419345	129030313	0.45	cps
Rhodium	103-1	25768359	25516447	25563714	25616173	0.52	cps
Rhodium	103-2	14759731	14664549	14793347	14739209	0.45	cps
Scandium	45-1	16176710	16209195	15970382	16118762	0.80	cps
Scandium	45-2	1277912	1323094	1338899	1313302	2.41	cps
Selenium	82-1	192270	195130	195119	194173	0.85	cps
Selenium	77-2	18285	17918	18405	18202	1.39	cps
Selenium	78-2	61785	61815	61219	61606	0.54	cps
Silicon	28-1	21862947	22009238	22239071	22037085	0.86	cps
Silver	107-1	16365711	16433423	16453764	16417633	0.28	cps
Silver	109-1	15671502	15526083	15683163	15626916	0.56	cps
Sodium	23-2	353308328	354995568	350918035	353073977	0.58	cps
Strontium	86-1	3969787	3991611	4128579	4029992	2.14	cps
Strontium	88-1	34940864	35228102	35473100	35214022	0.76	cps
Sulfur	34-1	1322886	1314169	1306330	1314462	0.63	cps
Terbium	159-1	35693277	35571916	35236899	35500698	0.67	cps
Terbium	159-2	22810186	22688136	22786302	22761541	0.28	cps
Thallium	203-1	10829355	10920018	10950544	10899972	0.58	cps
Thallium	205-1	26172857	25952181	26037991	26054343	0.43	cps
Tin	118-1	10296577	10463510	10371406	10377164	0.81	cps
Titanium	47-1	15473765	15692278	15647974	15604672	0.74	cps

LB Number :

LB133538

Operator :

Jaswal

Lab Sample ID :

CCV005

Instrumnet Name :

P7

Client Sample ID :

CCV005

Dilution Factor :

1

Date & Time Acquired :

2024-11-20 11:42:51

DataFile Name :

044CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	33613515	33693733	34090729	33799326	0.76	cps
Vanadium	51-2	4363512	4385007	4342135	4363551	0.49	cps
Yttrium	89-1	39195108	38858131	38928054	38993764	0.46	cps
Yttrium	89-2	9479857	9360429	9437488	9425925	0.64	cps
Zinc	66-2	9435568	9419517	9523670	9459585	0.59	cps
Zirconium	90-1	21791103	22114420	22137561	22014361	0.88	cps
Zirconium	91-1	4786796	4911346	4883639	4860594	1.35	cps

LB Number : LB133538 Operator : Jaswal
Lab Sample ID : CCB005 Instrumnet Name : P7
Client Sample ID : CCB005 Dilution Factor : 1
Date & Time Acquired : 2024-11-20 11:45:33 DataFile Name : 045CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1410	977	928	1105	24.02	cps
Antimony	121-1	5975	6602	7812	6796	13.74	cps
Arsenic	75-2	40	30	27	32	21.53	cps
Barium	135-1	3084	1527	1130	1914	53.97	cps
Barium	137-1	5394	2987	1797	3393	54.02	cps
Beryllium	9-1	378	261	128	256	48.95	cps
Bismuth	209-1	19371767	19486504	19876750	19578341	1.35	cps
Bismuth	209-2	16105366	15974334	15997123	16025608	0.44	cps
Bromine	81-1	17621	16683	16626	16977	3.29	cps
Bromine	81-2	357	377	373	369	2.90	cps
Cadmium	108-1	73	60	27	53	45.06	cps
Cadmium	106-1	10014	10297	9917	10076	1.96	cps
Cadmium	111-1	7828	7566	7166	7520	4.43	cps
Calcium	43-1	10430	8489	7805	8908	15.29	cps
Calcium	44-1	181616	156529	146526	161557	11.19	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6822	6605	6908	6778	2.31	cps
Cobalt	59-2	437	367	293	366	19.61	cps
Copper	63-2	4054	3847	3837	3913	3.13	cps
Dysprosium	156-1	10	23	13	16	44.60	cps
Dysprosium	156-2	17	10	7	11	45.82	cps
Erbium	164-1	133	100	130	121	15.16	cps
Erbium	164-2	90	110	120	107	14.32	cps
Gadolinium	160-1	143	103	127	124	16.15	cps
Gadolinium	160-2	1353	1233	1133	1240	8.88	cps
Holmium	165-1	32546415	33073638	33215713	32945255	1.07	cps
Holmium	165-2	22870854	22907073	23035519	22937815	0.38	cps
Indium	115-1	27862063	28351261	28543013	28252112	1.24	cps
Indium	115-2	9747534	9711584	9795115	9751411	0.43	cps
Iron	56-2	66801	60655	57295	61584	7.83	cps
Iron	57-2	2457	2257	2267	2327	4.84	cps
Iron	54-2	6718	6405	6258	6460	3.64	cps
Krypton	83-1	330	270	280	293	10.96	cps

LB Number : LB133538 Operator : Jaswal
Lab Sample ID : CCB005 Instrumnet Name : P7
Client Sample ID : CCB005 Dilution Factor : 1
Date & Time Acquired : 2024-11-20 11:45:33 DataFile Name : 045CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	11252	6715	4821	7596	43.50	cps
Lead	207-1	9744	5928	4321	6664	41.80	cps
Lead	208-1	44877	26914	20089	30627	41.81	cps
Lithium	6-1	3398881	3302358	3410364	3370534	1.76	cps
Magnesium	24-2	7799	6852	6038	6896	12.78	cps
Manganese	55-2	14530	14434	14314	14426	0.75	cps
Molybdenum	94-1	11478	7285	5931	8232	35.13	cps
Molybdenum	95-1	14007	7762	5254	9008	50.04	cps
Molybdenum	96-1	15656	8883	6515	10351	45.83	cps
Molybdenum	97-1	8846	4727	3360	5645	50.59	cps
Molybdenum	98-1	22331	12379	9086	14599	47.24	cps
Neodymium	150-1	30	30	17	26	30.11	cps
Neodymium	150-2	7	7	10	8	24.71	cps
Nickel	60-2	677	617	593	629	6.84	cps
Phosphorus	31-2	440	360	443	414	11.38	cps
Potassium	39-2	79911	79804	77955	79224	1.39	cps
Rhodium	103-1	26602746	26824076	27009913	26812245	0.76	cps
Rhodium	103-2	16059921	15963459	16183718	16069032	0.69	cps
Scandium	45-1	15560515	15509125	15750586	15606742	0.82	cps
Scandium	45-2	1303361	1284674	1313075	1300370	1.11	cps
Selenium	82-1	584	562	527	558	5.08	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	473	427	433	444	5.68	cps
Silicon	28-1	1316180	1303511	1287235	1302309	1.11	cps
Silver	107-1	3230	1673	1120	2008	54.49	cps
Silver	109-1	3124	1497	1060	1894	57.43	cps
Sodium	23-2	86803	83592	83883	84759	2.09	cps
Strontium	86-1	1760	1270	1003	1345	28.55	cps
Strontium	88-1	10724	7185	5878	7929	31.62	cps
Sulfur	34-1	289582	286208	289250	288347	0.64	cps
Terbium	159-1	33503163	33842254	33927954	33757790	0.67	cps
Terbium	159-2	22491710	22765441	22731324	22662825	0.66	cps
Thallium	203-1	2497	1530	1073	1700	42.75	cps
Thallium	205-1	5935	3511	2517	3987	44.09	cps
Tin	118-1	10554	9336	9457	9782	6.86	cps
Titanium	47-1	3364	1817	1090	2090	55.56	cps

LB Number :

LB133538

Operator :

Jaswal

Lab Sample ID :

CCB005

Instrumnet Name :

P7

Client Sample ID :

CCB005

Dilution Factor :

1

Date & Time Acquired :

2024-11-20 11:45:33

DataFile Name :

045CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	6652	3400	1954	4002	60.13	cps
Vanadium	51-2	140	160	140	147	7.87	cps
Yttrium	89-1	37553856	37724034	38084916	37787602	0.72	cps
Yttrium	89-2	9352523	9411927	9373259	9379236	0.32	cps
Zinc	66-2	14020	14290	13917	14076	1.37	cps
Zirconium	90-1	10571	8459	8156	9062	14.52	cps
Zirconium	91-1	2407	1890	1680	1992	18.77	cps