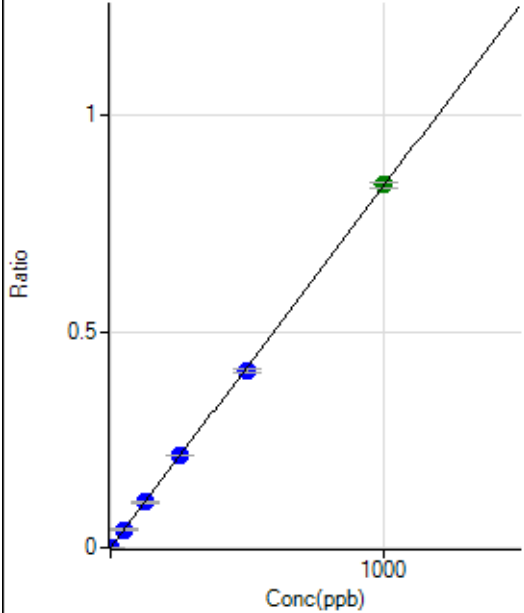


Batch Folder: D:\Agilent\ICPMH\1\DATA\P7121824 MS.b\
Analysis File: P7121824 MS.batch.bin
DA Date-Time: 2024-12-18 23:58:36
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2024-12-18 13:30:23
2	006CALS.d	S02	2024-12-18 13:36:56
3	007CALS.d	S03	2024-12-18 13:40:11
4	008CALS.d	S04	2024-12-18 13:43:11
5	013CALS.d	S05	2024-12-18 13:59:44
6	014CALS.d	S06	2024-12-18 14:02:27
7	015CALS.d	S07	2024-12-18 14:05:13
8	016CALS.d	S08	2024-12-18 14:07:57

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	31.11	0.0000	P	18.4
2	☐	1.000	1.198	1799.01	0.0010	P	3.9
3	☐	50.000	50.480	75843.98	0.0423	P	3.5
4	☐	125.000	126.503	187503.72	0.1060	P	2.8
5	☐	250.000	253.695	377858.58	0.2125	P	0.4
6	☐	500.000	490.867	726244.56	0.4111	P	2.0
7	☐	1000.000	1003.430	1446505.12	0.8404	A	1.7
8	☐			495.57	0.0003	P	23.7

$y = 8.3749E-004 * x + 1.8075E-005$

$R = 0.9999$

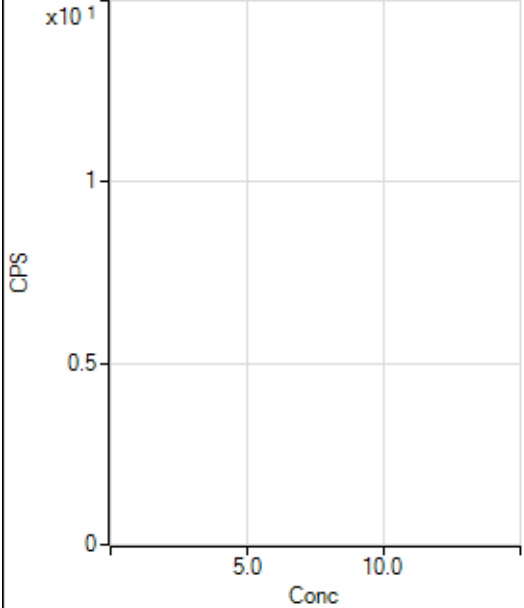
$DL = 0.01194$

$BEC = 0.02158$

Weight: <None>

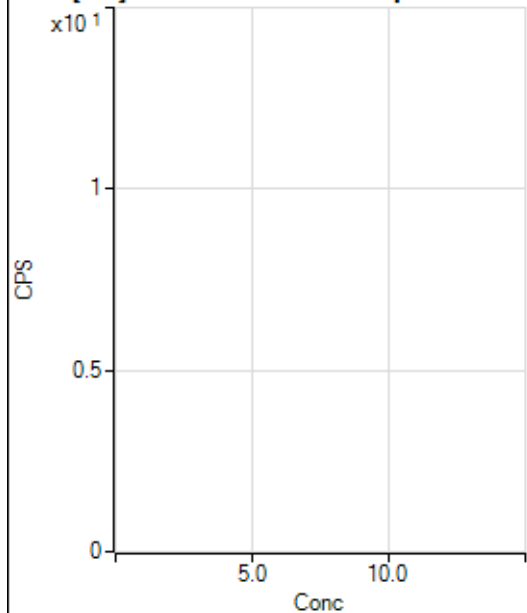
Min Conc: 0

12 C [No Gas] No available calibration points



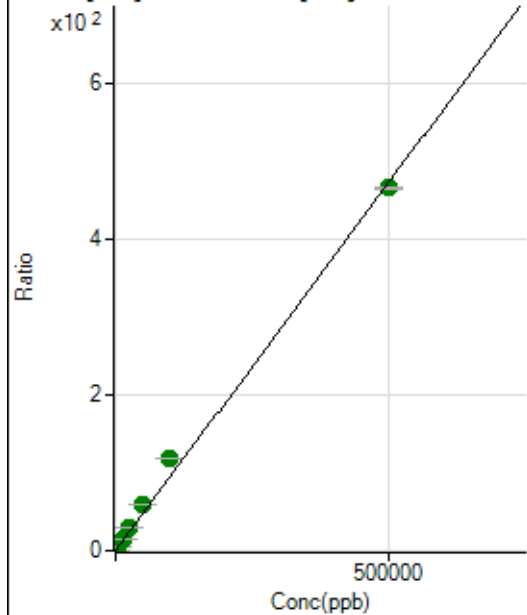
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

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	22077.02	0.0294	P	1.2
2	☐	500.000	659.169	487105.79	0.6525	P	0.2
3	☐	5000.000	6452.257	4392657.30	6.1282	A	0.7
4	☐	12500.000	16011.629	10140396.72	15.1640	A	0.4
5	☐	25000.000	32399.802	19340351.38	30.6545	A	0.9
6	☐	50000.000	63239.343	37447013.89	59.8048	A	0.9
7	☐	100000.00	125185.00	73618949.46	118.3574	A	1.0
8	☐	500000.00	493166.60	305811877.67	466.1827	A	0.3

$$y = 9.4522E-004 * x + 0.0294$$

$$R = 0.9984$$

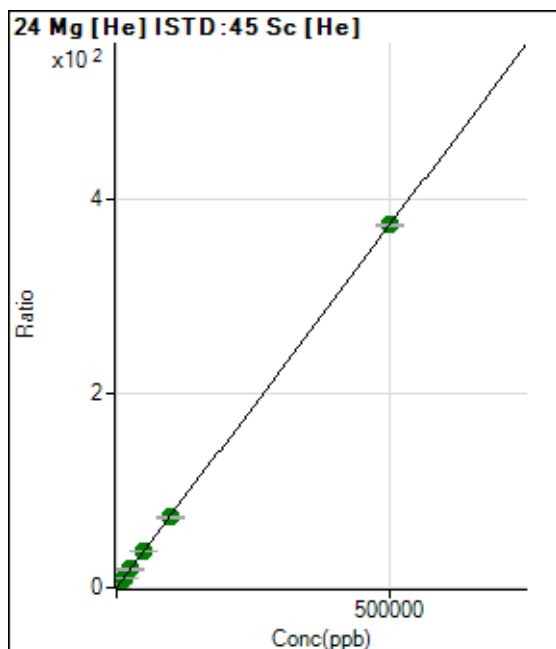
$$DL = 1.115$$

$$BEC = 31.12$$

Weight: <None>

Min Conc: 0

Calibration for 198SMPL.d



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	560.01	0.0007	P	6.9
2	☐	500.000	551.580	307194.15	0.4115	P	0.4
3	☐	5000.000	5058.982	2700796.02	3.7680	A	1.0
4	☐	12500.000	12525.541	6237985.25	9.3282	A	0.5
5	☐	25000.000	25219.085	11848869.82	18.7807	A	1.1
6	☐	50000.000	49314.204	22994482.99	36.7236	A	0.5
7	☐	100000.00	96943.285	44903353.22	72.1917	A	0.9
8	☐	500000.00	500667.68	244579734.13	372.8339	A	0.6

$$y = 7.4467\text{E-}004 * x + 7.4618\text{E-}004$$

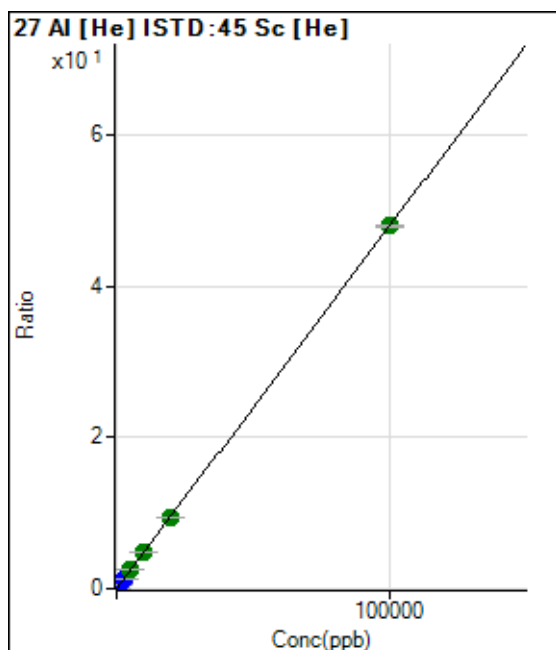
$$R = 1.0000$$

$$DL = 0.2077$$

$$BEC = 1.002$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	194.45	0.0003	P	9.6
2	☐	20.000	21.350	7837.63	0.0105	P	1.8
3	☐	1000.000	1000.985	344268.04	0.4803	P	0.2
4	☐	2500.000	2498.863	801583.75	1.1987	P	0.3
5	☐	5000.000	5157.522	1560749.08	2.4737	A	1.1
6	☐	10000.000	10063.303	3022020.30	4.8264	A	1.5
7	☐	20000.000	19674.324	5868981.03	9.4356	A	1.1
8	☐	100000.00	100050.94	31475792.03	47.9822	A	0.5

$$y = 4.7957\text{E-}004 * x + 2.5911\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.1564$$

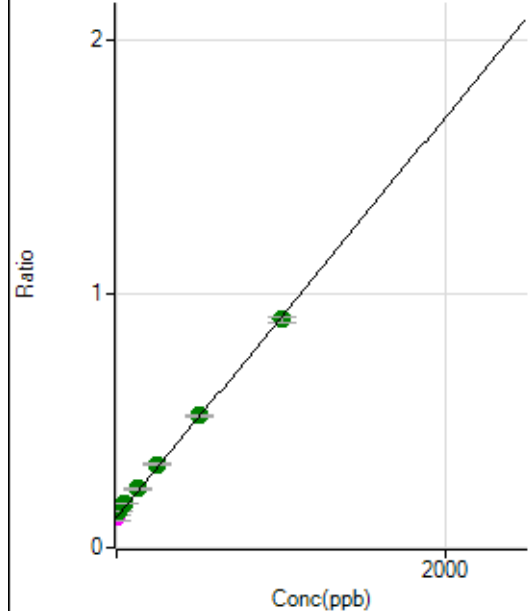
$$BEC = 0.5403$$

Weight: <None>

Min Conc: 0

Calibration for 198SMPL.d

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	963133.68	0.1182	M	17.3
2	☐	10.000	34.100	1172075.50	0.1451	A	1.3
3	☐	50.000	71.894	1403306.64	0.1750	A	1.9
4	☐	125.000	143.207	1777235.56	0.2314	A	2.8
5	☐	250.000	267.050	2338632.74	0.3294	A	3.3
6	☐	500.000	509.562	3681809.46	0.5212	A	1.7
7	☐	1000.000	987.345	6236300.53	0.8991	A	2.8
8	☐			696629.66	0.1006	P	2.2

$$y = 7.9094E-004 * x + 0.1182$$

$$R = 0.9997$$

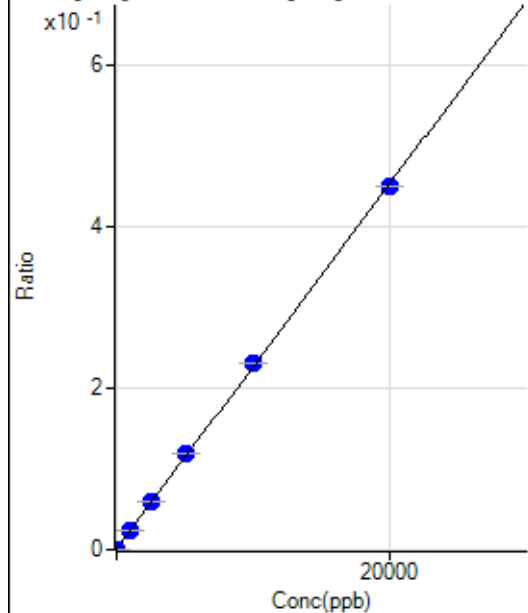
$$DL = 77.57$$

$$BEC = 149.4$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-16.005	335.56	0.0004	P	15.8
2	☐	0.000	16.005	873.37	0.0012	P	3.2
3	☐	1000.000	1039.423	17402.20	0.0243	P	1.2
4	☐	2500.000	2612.591	39994.40	0.0598	P	0.7
5	☐	5000.000	5214.929	74808.18	0.1186	P	0.6
6	☐	10000.000	10166.231	144248.74	0.2304	P	0.5
7	☐	20000.000	19847.107	279279.85	0.4490	P	0.2
8	☐			351.12	0.0005	P	14.6

$$y = 2.2581E-005 * x + 8.0861E-004$$

$$R = 0.9999$$

$$DL = 7.177$$

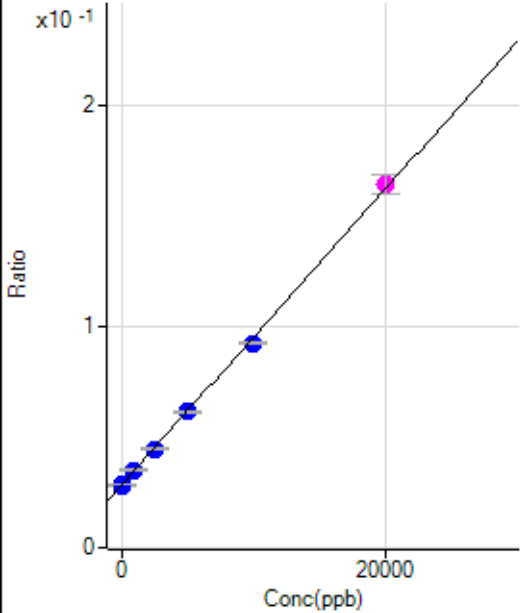
$$BEC = 35.81$$

Weight: <None>

Min Conc: 0

Calibration for 198SMPL.d

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-76.745	226080.16	0.0277	P	1.1
2	☐	0.000	76.745	232353.52	0.0288	P	1.3
3	☐	1000.000	987.315	279628.99	0.0349	P	2.0
4	☐	2500.000	2455.057	343463.00	0.0447	P	2.2
5	☐	5000.000	4932.070	435576.08	0.0613	P	0.7
6	☐	10000.000	9563.125	652677.96	0.0924	P	0.8
7	☐	20000.000	20241.672	1137337.67	0.1640	M	5.3
8	☐			168105.75	0.0243	P	2.4

$y = 6.7060E-006 * x + 0.0283$

R = 0.9996

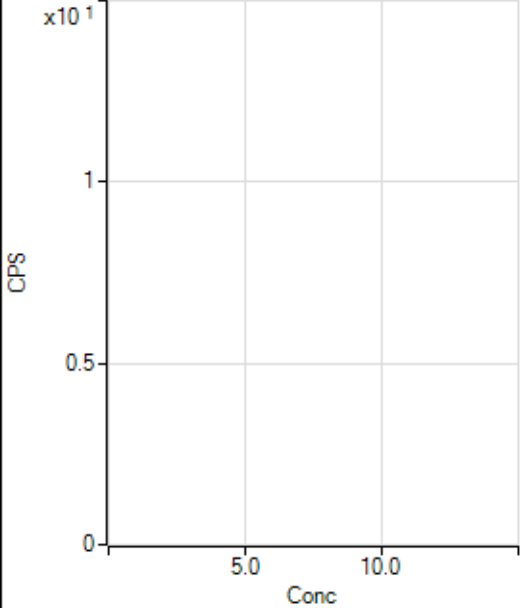
DL = 150.4

BEC = 4214

Weight: <None>

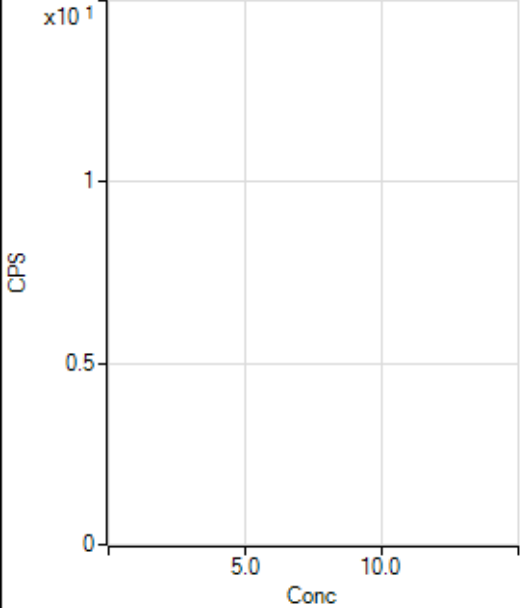
Min Conc: 0

35 Cl [No Gas] No available calibration points



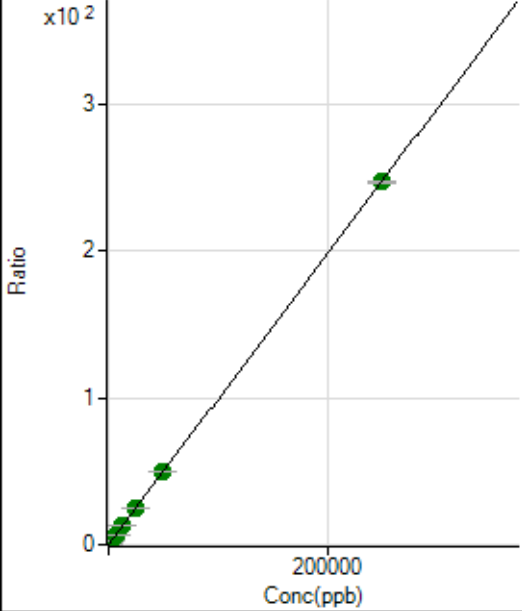
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

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	68648.15	0.0915	P	0.6
2	☐	500.000	573.704	491081.42	0.6578	P	0.2
3	☐	2500.000	2616.625	1917005.91	2.6745	A	0.1
4	☐	6250.000	6436.660	4310194.90	6.4455	A	0.3
5	☐	12500.000	12712.403	7975422.10	12.6407	A	0.6
6	☐	25000.000	25125.045	15587221.43	24.8941	A	0.6
7	☐	50000.000	49840.880	30661165.10	49.2928	A	0.8
8	☐	250000.00	250002.71	161954192.03	246.8863	A	0.4

$y = 9.8717E-004 * x + 0.0915$

$R = 1.0000$

$DL = 1.683$

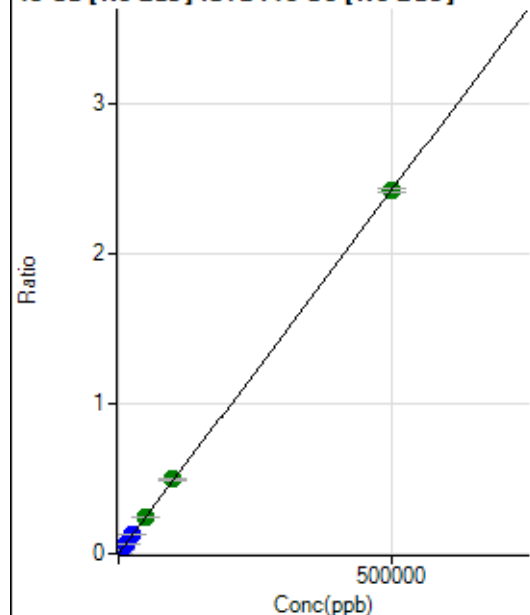
$BEC = 92.65$

Weight: <None>

Min Conc: 0

Calibration for 198SMPL.d

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	362.23	0.0000	P	10.0
2	☐	500.000	585.393	23255.65	0.0029	P	1.9
3	☐	5000.000	5382.047	209335.40	0.0261	P	2.5
4	☐	12500.000	13426.540	499788.57	0.0651	P	1.9
5	☐	25000.000	27007.160	929207.76	0.1309	P	1.7
6	☐	50000.000	51021.203	1746197.02	0.2472	A	1.1
7	☐	100000.00	101937.63	3425358.63	0.4938	A	1.5
8	☐	500000.00	499382.92	16755930.58	2.4189	A	1.2

$$y = 4.8437E-006 * x + 4.4451E-005$$

R = 1.0000

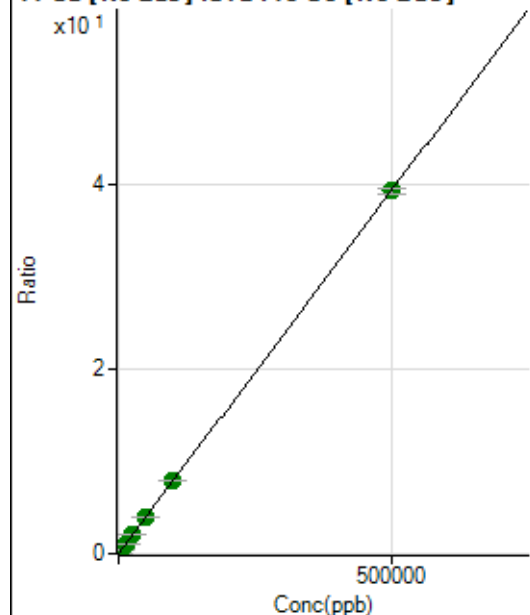
DL = 2.763

BEC = 9.177

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	9370.74	0.0011	P	0.4
2	☐	500.000	582.365	378447.37	0.0469	P	0.4
3	☐	5000.000	5110.269	3225039.47	0.4023	A	2.1
4	☐	12500.000	12768.109	7706111.28	1.0034	A	1.8
5	☐	25000.000	25778.180	14377451.31	2.0247	A	1.3
6	☐	50000.000	50731.717	28139138.47	3.9834	A	1.9
7	☐	100000.00	100730.19	54854918.63	7.9082	A	1.8
8	☐	500000.00	499733.99	271737458.17	39.2287	A	1.3

$$y = 7.8497E-005 * x + 0.0011$$

R = 1.0000

DL = 0.1837

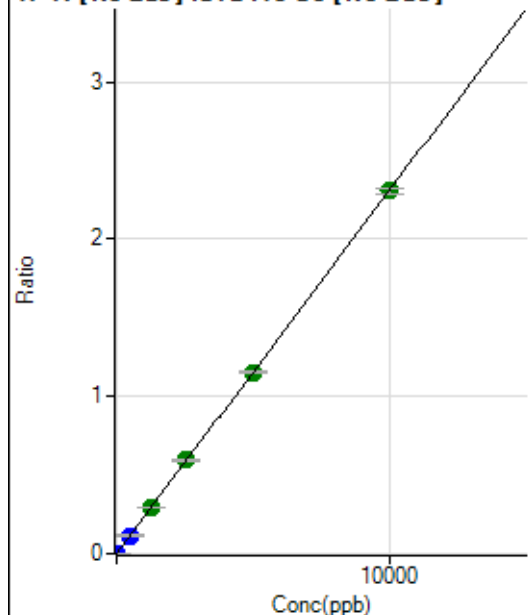
BEC = 14.65

Weight: <None>

Min Conc: 0

Calibration for 198SMPL.d

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	114.44	0.0000	P	16.7
2	☐	5.000	5.417	10215.76	0.0013	P	2.2
3	☐	500.000	500.620	926999.09	0.1156	P	2.5
4	☐	1250.000	1260.347	2235837.88	0.2911	A	1.2
5	☐	2500.000	2566.619	4209988.10	0.5928	A	0.7
6	☐	5000.000	4997.514	8154009.81	1.1543	A	1.4
7	☐	10000.000	9983.264	15994755.60	2.3058	A	1.6
8	☐			3132.60	0.0005	P	33.6

$$y = 2.3096E-004 * x + 1.4047E-005$$

$$R = 1.0000$$

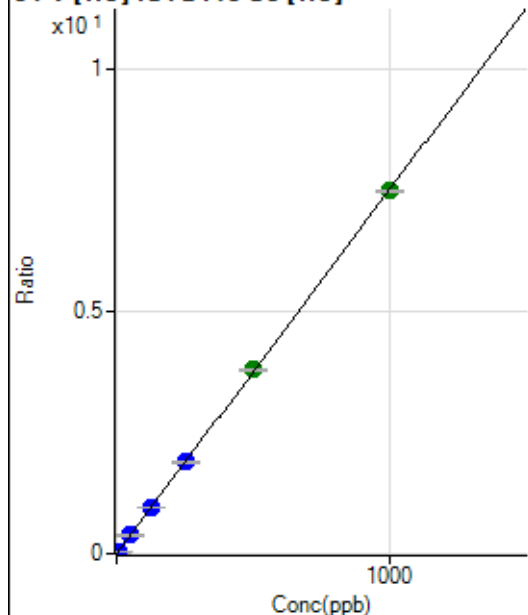
$$DL = 0.0305$$

$$BEC = 0.06082$$

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	16.66	0.0000	P	35.1
2	☐	5.000	5.411	30339.46	0.0406	P	1.2
3	☐	50.000	50.348	270890.98	0.3780	P	1.2
4	☐	125.000	125.718	631071.28	0.9437	P	0.9
5	☐	250.000	251.051	1188993.33	1.8845	P	0.6
6	☐	500.000	505.186	2374454.24	3.7922	A	0.7
7	☐	1000.000	997.035	4655257.84	7.4842	A	0.6
8	☐			813.36	0.0012	P	12.5

$$y = 0.0075 * x + 2.2221E-005$$

$$R = 1.0000$$

$$DL = 0.003114$$

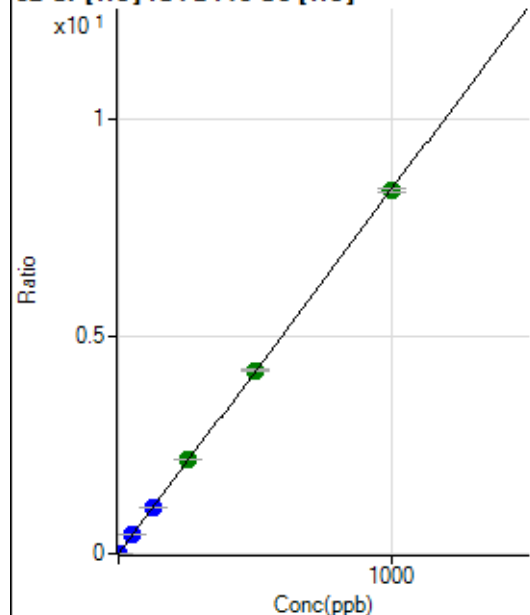
$$BEC = 0.00296$$

Weight: <None>

Min Conc: 0

Calibration for 198SMPL.d

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1195.61	0.0016	P	4.6
2	☐	2.000	2.255	15320.11	0.0205	P	1.7
3	☐	50.000	51.515	311069.30	0.4340	P	0.3
4	☐	125.000	127.658	717626.87	1.0731	P	0.1
5	☐	250.000	258.772	1371422.48	2.1736	A	0.4
6	☐	500.000	503.076	2644965.52	4.2243	A	0.6
7	☐	1000.000	995.861	5200139.23	8.3605	A	1.2
8	☐			8317.99	0.0127	P	13.5

$$y = 0.0084 * x + 0.0016$$

$$R = 1.0000$$

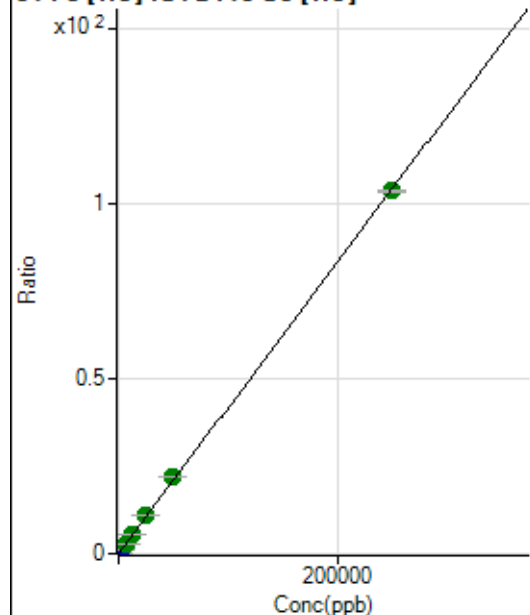
$$DL = 0.02645$$

$$BEC = 0.1898$$

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	2900.31	0.0039	P	2.1
2	☐	50.000	61.609	22040.67	0.0295	P	2.2
3	☐	2500.000	2763.743	827803.95	1.1549	P	0.4
4	☐	6250.000	6794.450	1894799.42	2.8336	A	0.9
5	☐	12500.000	13577.902	3570100.61	5.6587	A	1.3
6	☐	25000.000	26583.580	6934780.11	11.0753	A	0.5
7	☐	50000.000	52447.914	13589605.22	21.8472	A	0.4
8	☐	250000.00	249281.91	68106600.09	103.8239	A	0.8

$$y = 4.1648E-004 * x + 0.0039$$

$$R = 0.9999$$

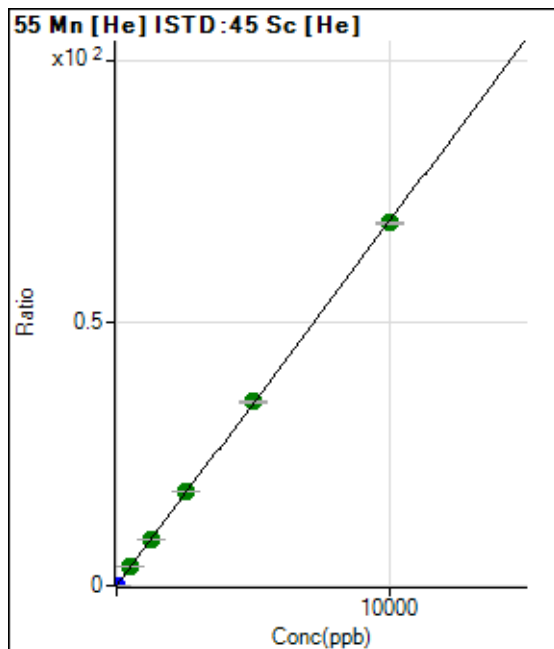
$$DL = 0.5721$$

$$BEC = 9.278$$

Weight: <None>

Min Conc: 0

Calibration for 198SMPL.d



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	575.57	0.0008	P	11.7
2	☐	1.000	1.115	6343.60	0.0085	P	2.1
3	☐	500.000	504.219	2506304.09	3.4966	A	0.6
4	☐	1250.000	1274.500	5909567.27	8.8370	A	0.3
5	☐	2500.000	2567.524	11231452.33	17.8016	A	0.7
6	☐	5000.000	5056.290	21950693.56	35.0564	A	1.1
7	☐	10000.000	9951.701	42917579.36	68.9967	A	0.2
8	☐			19430.87	0.0296	P	2.5

$$y = 0.0069 * x + 7.6704E-004$$

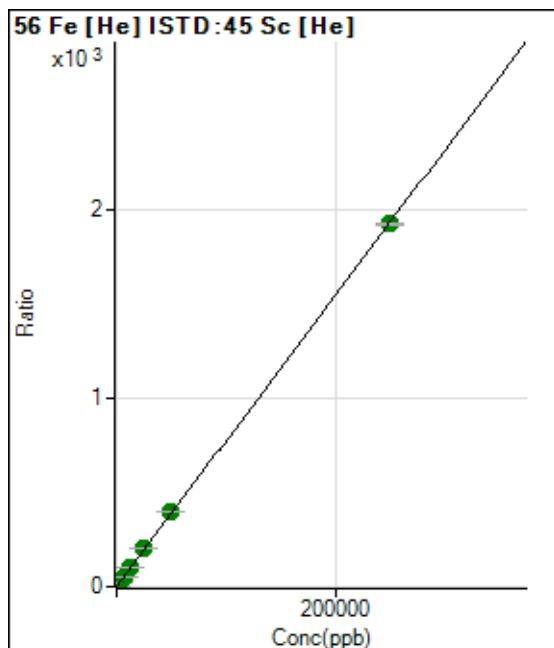
$$R = 0.9999$$

$$DL = 0.03874$$

$$BEC = 0.1106$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	20855.62	0.0278	P	0.4
2	☐	50.000	58.883	360578.62	0.4830	P	0.4
3	☐	2500.000	2645.052	14675869.50	20.4757	A	0.9
4	☐	6250.000	6636.996	34329425.60	51.3358	A	0.2
5	☐	12500.000	13342.386	65093891.81	103.1726	A	0.9
6	☐	25000.000	26173.179	126709091.45	202.3625	A	0.4
7	☐	50000.000	51820.570	249196182.95	400.6326	A	0.7
8	☐	250000.00	249465.32	1265097572.2	1928.547	A	0.6

$$y = 0.0077 * x + 0.0278$$

$$R = 1.0000$$

$$DL = 0.03925$$

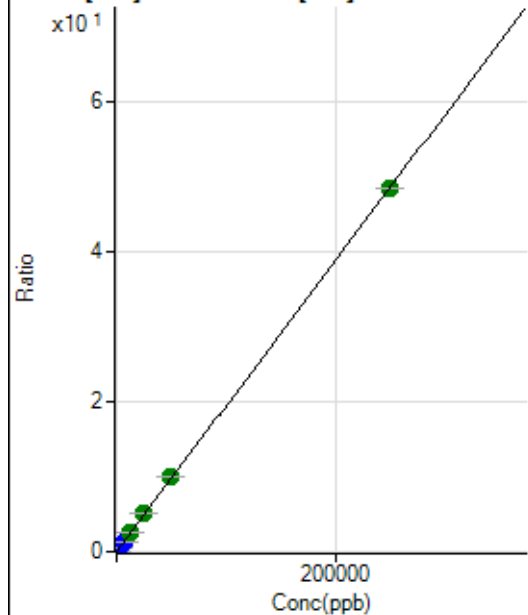
$$BEC = 3.594$$

Weight: <None>

Min Conc: 0

Calibration for 198SMPL.d

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1584.72	0.0021	P	19.4
2	☐	50.000	60.481	10316.96	0.0138	P	0.8
3	☐	2500.000	2715.025	378235.35	0.5277	P	0.7
4	☐	6250.000	6764.112	877120.17	1.3116	P	0.6
5	☐	12500.000	13317.938	1628011.37	2.5804	A	0.9
6	☐	25000.000	26244.430	3182566.58	5.0828	A	0.6
7	☐	50000.000	51173.456	6163450.12	9.9089	A	0.5
8	☐	250000.00	249584.96	31697257.86	48.3196	A	0.2

$$y = 1.9359E-004 * x + 0.0021$$

R = 1.0000

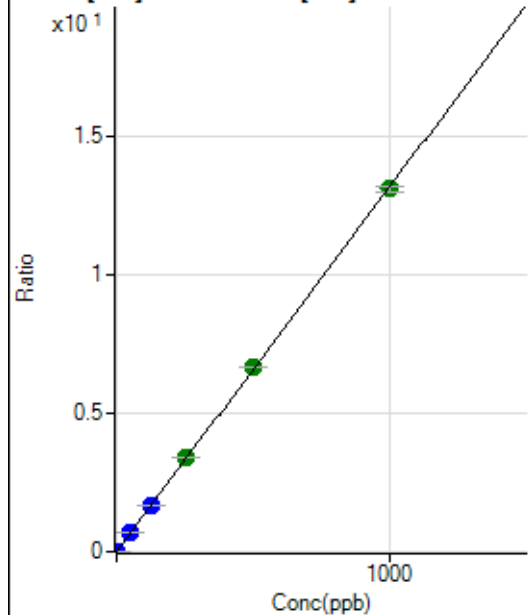
DL = 6.36

BEC = 10.9

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	118.89	0.0002	P	14.4
2	☐	1.000	1.171	11639.03	0.0156	P	0.4
3	☐	50.000	51.863	489887.00	0.6835	P	0.1
4	☐	125.000	128.315	1130637.71	1.6907	P	0.3
5	☐	250.000	257.874	2143663.72	3.3977	A	0.8
6	☐	500.000	505.260	4168288.27	6.6570	A	0.5
7	☐	1000.000	994.894	8152905.71	13.1080	A	1.4
8	☐			22199.86	0.0338	P	1.1

$$y = 0.0132 * x + 1.5842E-004$$

R = 0.9999

DL = 0.00521

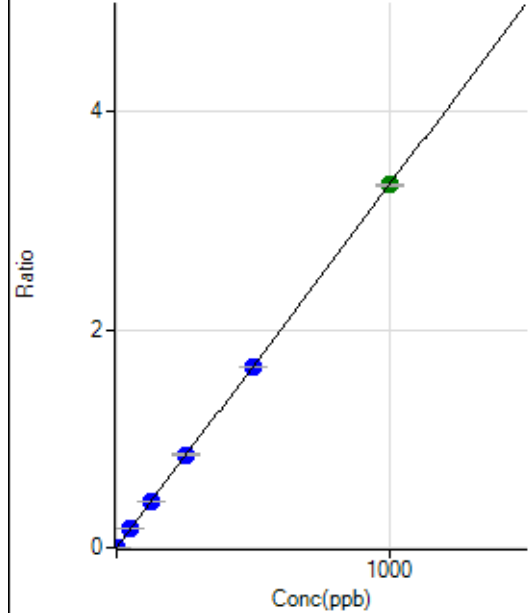
BEC = 0.01202

Weight: <None>

Min Conc: 0

Calibration for 198SMPL.d

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	333.34	0.0004	P	6.6
2	☐	1.000	1.185	3275.94	0.0044	P	3.6
3	☐	50.000	51.965	124329.88	0.1735	P	0.1
4	☐	125.000	129.166	287892.09	0.4305	P	0.5
5	☐	250.000	256.443	538968.54	0.8543	P	0.9
6	☐	500.000	496.825	1036026.02	1.6546	P	0.4
7	☐	1000.000	999.358	2069924.29	3.3278	A	0.6
8	☐			5865.65	0.0089	P	3.5

$$y = 0.0033 * x + 4.4405E-004$$

$$R = 1.0000$$

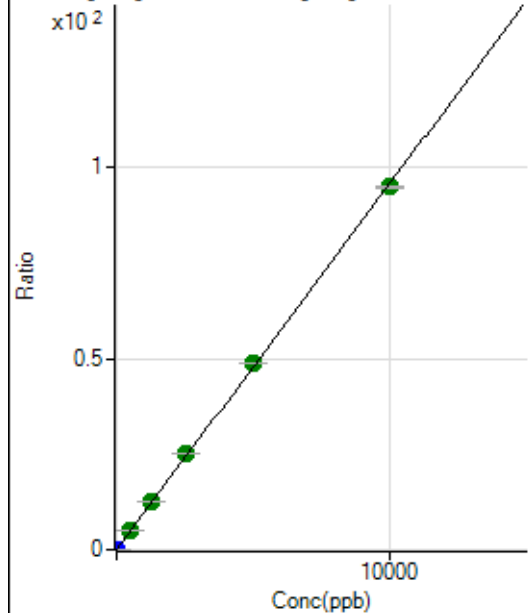
$$DL = 0.02658$$

$$BEC = 0.1334$$

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	938.93	0.0013	P	5.1
2	☐	2.000	2.144	16258.93	0.0218	P	1.2
3	☐	500.000	527.662	3622397.27	5.0543	A	1.6
4	☐	1250.000	1305.881	8363223.62	12.5066	A	0.7
5	☐	2500.000	2615.239	15801784.63	25.0453	A	0.6
6	☐	5000.000	5083.001	30478868.71	48.6771	A	0.2
7	☐	10000.000	9921.322	59098052.45	95.0099	A	0.4
8	☐			9197.35	0.0140	P	4.7

$$y = 0.0096 * x + 0.0013$$

$$R = 0.9999$$

$$DL = 0.02007$$

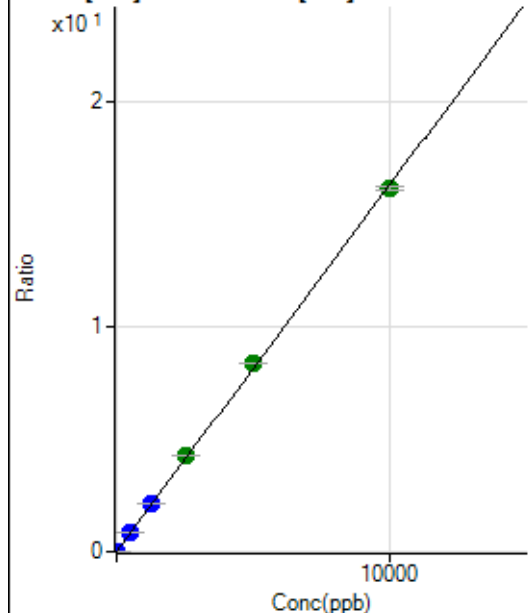
$$BEC = 0.1306$$

Weight: <None>

Min Conc: 0

Calibration for 198SMPL.d

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	388.90	0.0005	P	8.5
2	☐	2.000	5.958	7634.23	0.0102	P	2.5
3	☐	500.000	516.091	603090.13	0.8415	P	1.1
4	☐	1250.000	1291.261	1407346.28	2.1045	P	0.2
5	☐	2500.000	2636.066	2710346.76	4.2958	A	0.5
6	☐	5000.000	5124.652	5228811.62	8.3508	A	0.3
7	☐	10000.000	9897.694	10031640.68	16.1281	A	0.9
8	☐			2873.63	0.0044	P	3.6

$$y = 0.0016 * x + 5.1823E-004$$

$$R = 0.9998$$

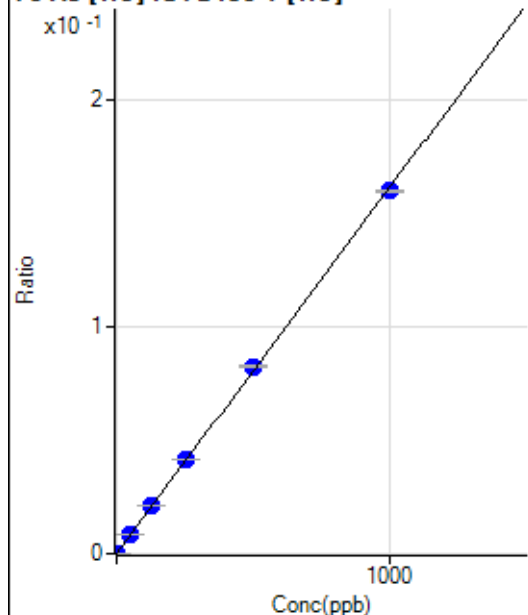
$$DL = 0.08083$$

$$BEC = 0.318$$

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	8.89	0.0000	P	86.6
2	☐	1.000	1.301	1034.49	0.0002	P	11.1
3	☐	50.000	53.331	41190.36	0.0086	P	0.5
4	☐	125.000	131.484	96589.22	0.0212	P	0.6
5	☐	250.000	258.346	182442.88	0.0417	P	0.3
6	☐	500.000	511.157	356462.55	0.0824	P	0.5
7	☐	1000.000	991.357	694704.11	0.1599	P	0.5
8	☐			376.68	0.0001	P	1.6

$$y = 1.6127E-004 * x + 1.7937E-006$$

$$R = 0.9999$$

$$DL = 0.0289$$

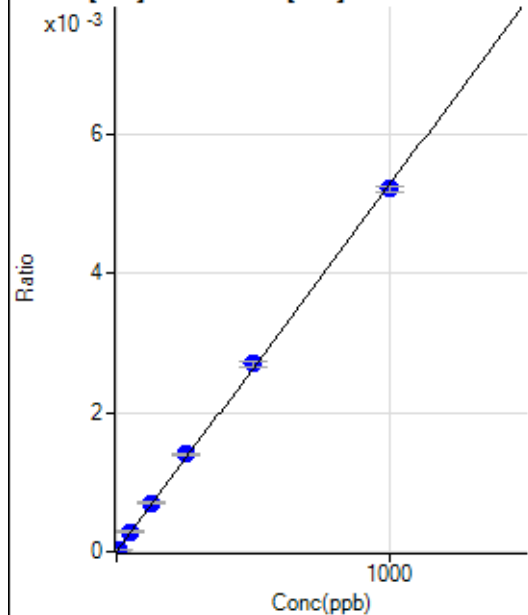
$$BEC = 0.01112$$

Weight: <None>

Min Conc: 0

Calibration for 198SMPL.d

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.
2	☐	5.000	6.248	162.22	0.0000	P	20.5
3	☐	50.000	54.515	1377.86	0.0003	P	4.8
4	☐	125.000	132.929	3194.82	0.0007	P	2.4
5	☐	250.000	265.337	6129.11	0.0014	P	1.8
6	☐	500.000	512.411	11689.13	0.0027	P	3.4
7	☐	1000.000	988.737	22661.85	0.0052	P	1.5
8	☐			6.67	0.0000	P	50.3

$$y = 5.2748\text{E-}006 * x + 2.2210\text{E-}007$$

$$R = 0.9998$$

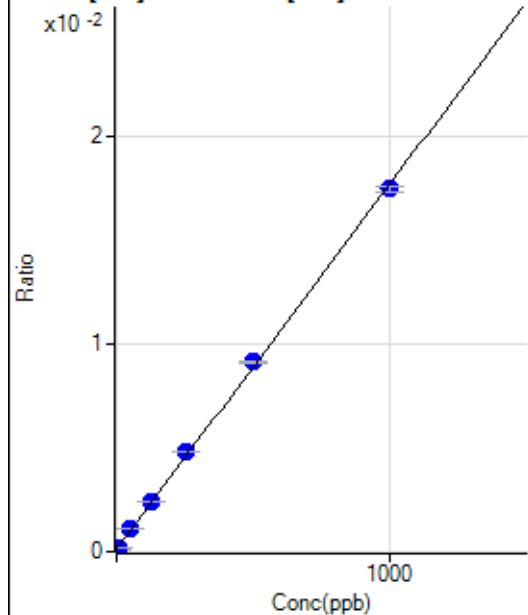
$$DL = 0.2188$$

$$BEC = 0.04211$$

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	580.02	0.0001	P	8.2
2	☐	5.000	6.143	1098.94	0.0002	P	1.0
3	☐	50.000	56.096	5280.98	0.0011	P	3.2
4	☐	125.000	131.856	11088.70	0.0024	P	1.7
5	☐	250.000	267.526	21102.88	0.0048	P	1.8
6	☐	500.000	512.860	39491.45	0.0091	P	1.1
7	☐	1000.000	988.021	75974.63	0.0175	P	1.8
8	☐			535.57	0.0001	P	11.5

$$y = 1.7580\text{E-}005 * x + 1.1680\text{E-}004$$

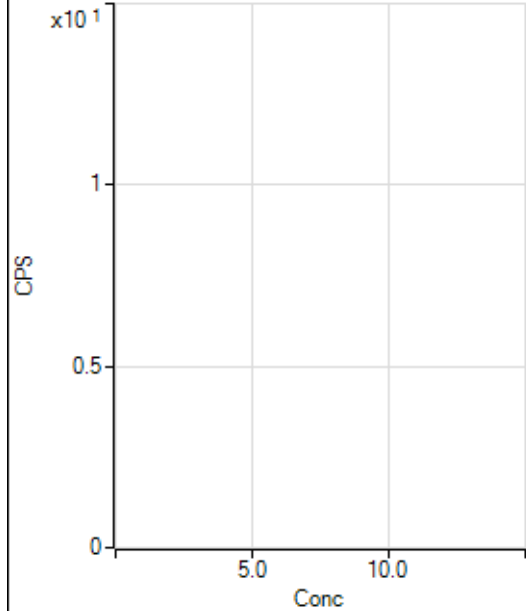
$$R = 0.9997$$

$$DL = 1.644$$

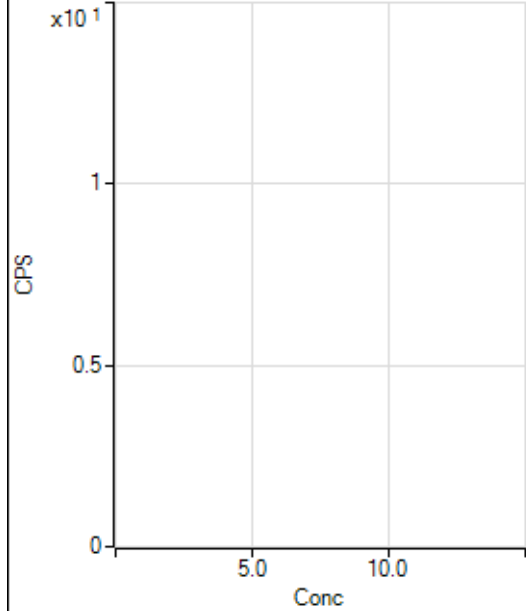
$$BEC = 6.644$$

Weight: <None>

Min Conc: 0

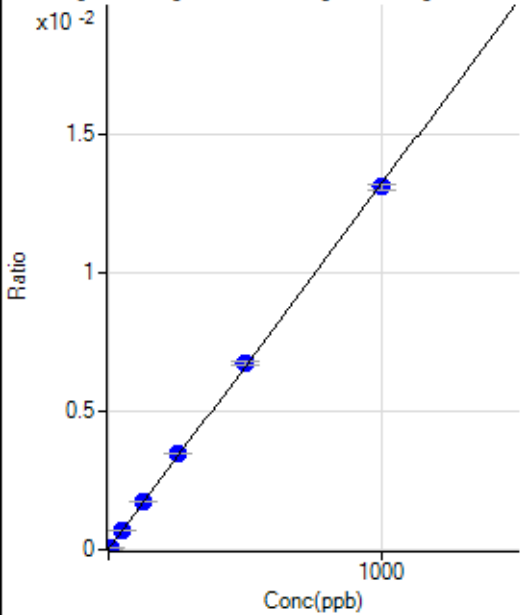
81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			17930.98		P	1.5
2	☐			17044.40		P	1.5
3	☐			16497.08		P	0.5
4	☐			15090.03		P	1.4
5	☐			14096.83		P	2.5
6	☐			13580.79		P	0.6
7	☐			13748.72		P	0.8
8	☐			14508.33		P	2.5

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			277.78		P	8.5
2	☐			248.90		P	8.9
3	☐			250.00		P	1.3
4	☐			212.23		P	13.4
5	☐			231.11		P	18.8
6	☐			180.00		P	8.1
7	☐			151.11		P	21.2
8	☐			224.45		P	7.0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	239.18	0.0000	P	10.2
2	☐	5.000	5.652	1505.13	0.0001	P	6.0
3	☐	50.000	53.183	12079.97	0.0007	P	1.9
4	☐	125.000	130.432	28281.44	0.0017	P	1.7
5	☐	250.000	261.693	53188.24	0.0035	P	0.9
6	☐	500.000	509.233	102397.26	0.0067	P	1.9
7	☐	1000.000	991.619	198736.66	0.0131	P	1.7
8	☐			387.13	0.0000	P	14.4

$y = 1.3212E-005 * x + 1.3890E-005$

R = 0.9999

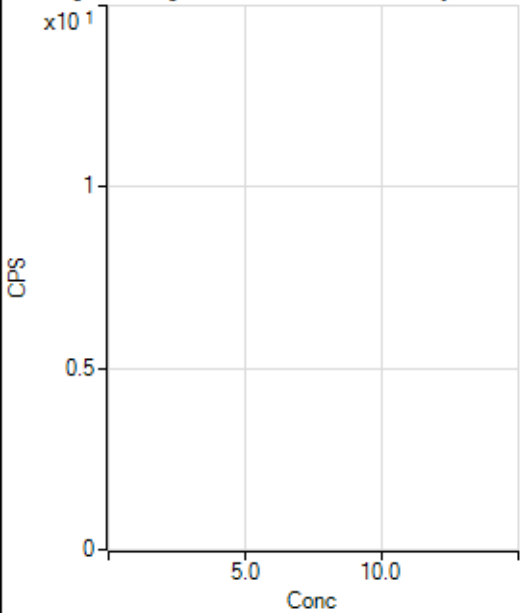
DL = 0.3206

BEC = 1.051

Weight: <None>

Min Conc: 0

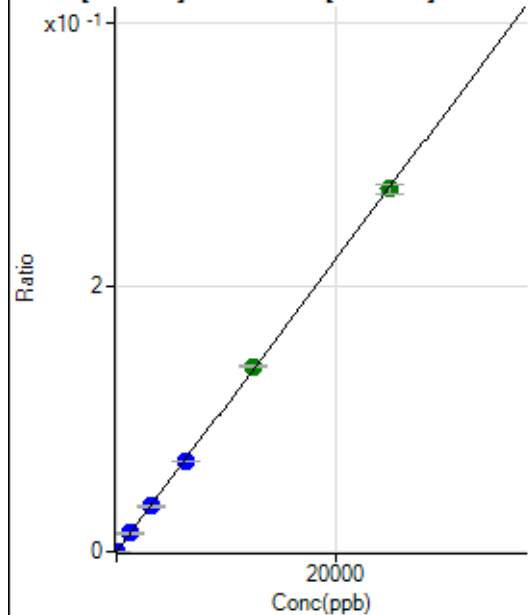
83 Kr [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			215.56		P	21.7
2	☐			226.67		P	7.4
3	☐			214.45		P	5.5
4	☐			187.78		P	17.8
5	☐			222.23		P	0.9
6	☐			193.34		P	16.6
7	☐			220.00		P	11.4
8	☐			265.56		P	19.5

Calibration for 198SMPL.d

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	398.90	0.0000	P	9.8
2	☐	1.000	27.712	5578.87	0.0003	P	3.2
3	☐	1250.000	1256.399	233650.79	0.0139	P	2.0
4	☐	3125.000	3127.485	561111.13	0.0345	P	1.9
5	☐	6250.000	6236.512	1052765.11	0.0687	P	0.1
6	☐	12500.000	12707.586	2126014.99	0.1400	A	1.4
7	☐	25000.000	24898.947	4155391.08	0.2742	A	2.4
8	☐			12415.33	0.0008	P	2.4

$$y = 1.1013E-005 * x + 2.3162E-005$$

R = 0.9999

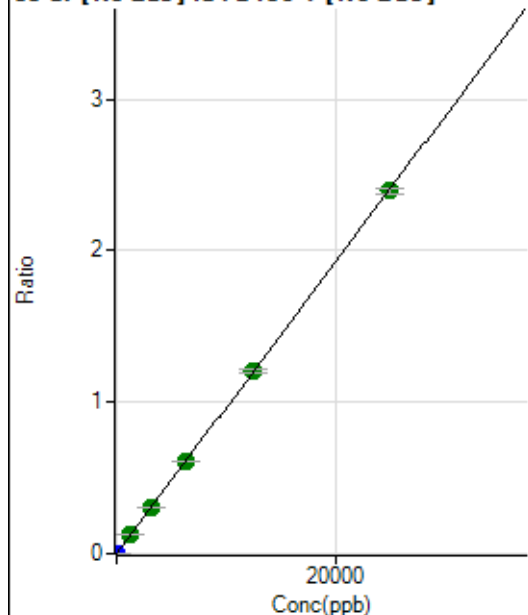
DL = 0.6203

BEC = 2.103

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	240.00	0.0000	P	4.2
2	☐	1.000	27.507	45148.98	0.0027	P	1.2
3	☐	1250.000	1274.434	2064904.19	0.1225	A	1.2
4	☐	3125.000	3159.085	4942362.29	0.3036	A	1.4
5	☐	6250.000	6365.797	9372936.11	0.6117	A	0.3
6	☐	12500.000	12586.999	18370296.67	1.2095	A	1.7
7	☐	25000.000	24922.068	36288853.07	2.3947	A	1.8
8	☐			108182.82	0.0073	P	1.2

$$y = 9.6088E-005 * x + 1.3933E-005$$

R = 1.0000

DL = 0.01841

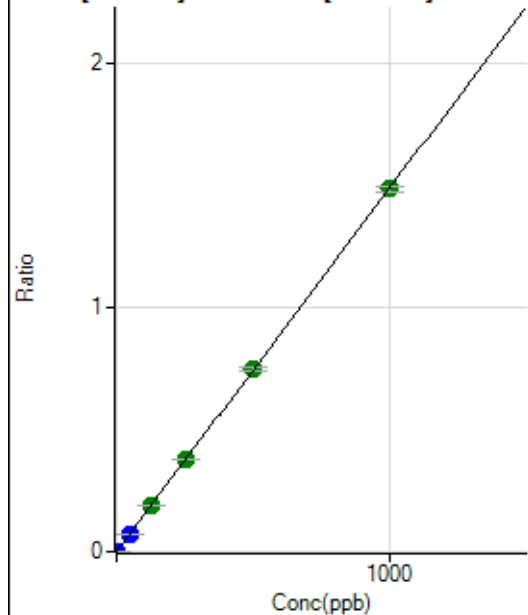
BEC = 0.145

Weight: <None>

Min Conc: 0

Calibration for 198SMPL.d

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	701.14	0.0000	P	7.2
2	☐	1.000	1.068	27704.97	0.0016	P	0.7
3	☐	50.000	49.534	1243739.79	0.0738	P	2.3
4	☐	125.000	125.252	3036427.87	0.1865	A	1.1
5	☐	250.000	252.616	5762915.89	0.3761	A	0.4
6	☐	500.000	502.175	11354707.88	0.7476	A	2.3
7	☐	1000.000	998.251	22519589.94	1.4861	A	1.6
8	☐			15206.89	0.0010	P	8.1

$$y = 0.0015 * x + 4.0681E-005$$

$$R = 1.0000$$

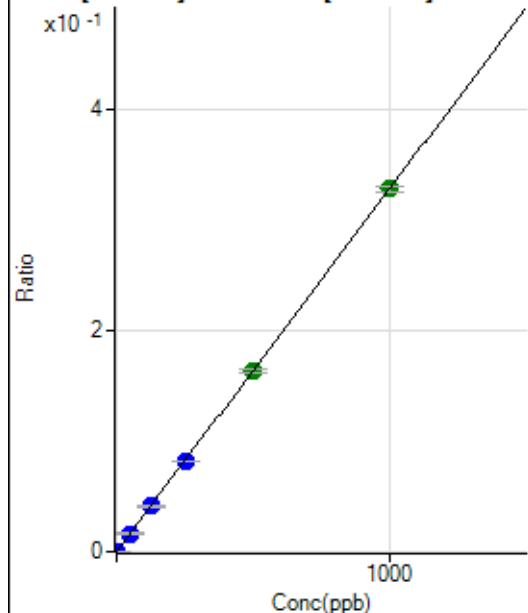
$$DL = 0.00593$$

$$BEC = 0.02733$$

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	147.78	0.0000	P	9.9
2	☐	1.000	1.083	6190.25	0.0004	P	3.3
3	☐	50.000	50.211	278152.63	0.0165	P	2.6
4	☐	125.000	125.637	671975.02	0.0413	P	1.8
5	☐	250.000	249.085	1253743.57	0.0818	P	0.5
6	☐	500.000	499.936	2494240.60	0.1642	A	2.1
7	☐	1000.000	1000.171	4978447.49	0.3285	A	1.2
8	☐			3502.68	0.0002	P	7.0

$$y = 3.2846E-004 * x + 8.5733E-006$$

$$R = 1.0000$$

$$DL = 0.007788$$

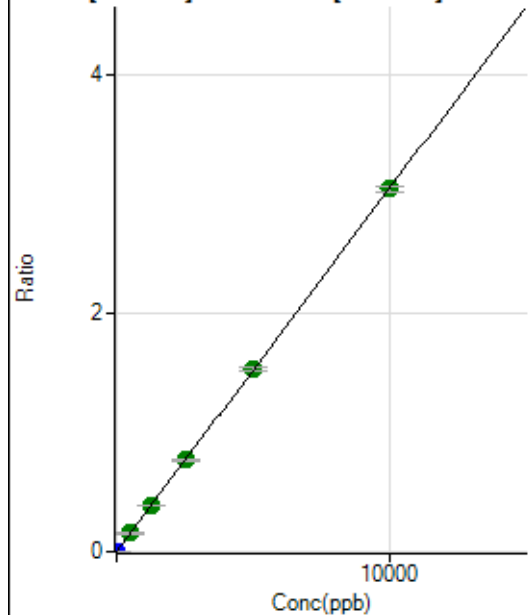
$$BEC = 0.0261$$

Weight: <None>

Min Conc: 0

Calibration for 198SMPL.d

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	253.34	0.0000	P	7.2
2	☐	5.000	6.362	33199.80	0.0020	P	1.0
3	☐	500.000	505.732	2599313.99	0.1542	A	2.0
4	☐	1250.000	1262.723	6266783.59	0.3849	A	1.1
5	☐	2500.000	2518.239	11761300.38	0.7676	A	0.8
6	☐	5000.000	5020.586	23243846.04	1.5303	A	1.7
7	☐	10000.000	9983.270	46112399.87	3.0430	A	1.6
8	☐			14600.95	0.0010	P	21.3

$$y = 3.0481E-004 * x + 1.4700E-005$$

$$R = 1.0000$$

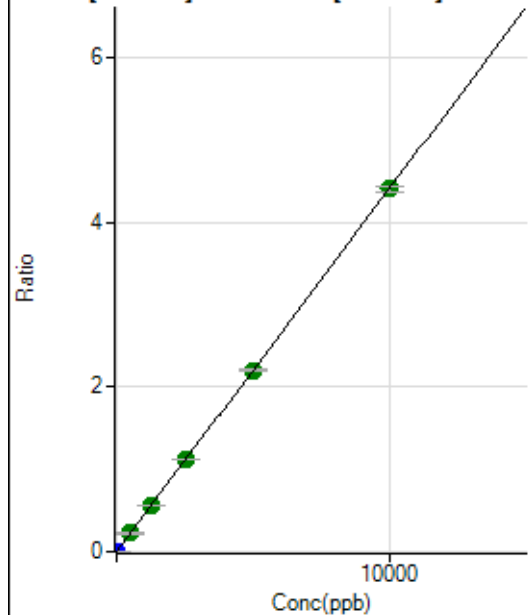
$$DL = 0.01049$$

$$BEC = 0.04823$$

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	86.67	0.0000	P	18.6
2	☐	5.000	5.420	40700.81	0.0024	P	1.5
3	☐	500.000	504.270	3749627.62	0.2224	A	1.7
4	☐	1250.000	1257.988	9033714.45	0.5548	A	1.0
5	☐	2500.000	2543.094	17186406.27	1.1217	A	0.6
6	☐	5000.000	5001.873	33509108.11	2.2061	A	1.2
7	☐	10000.000	9987.078	66748847.34	4.4049	A	1.7
8	☐			14891.47	0.0010	P	28.5

$$y = 4.4106E-004 * x + 5.0263E-006$$

$$R = 1.0000$$

$$DL = 0.006365$$

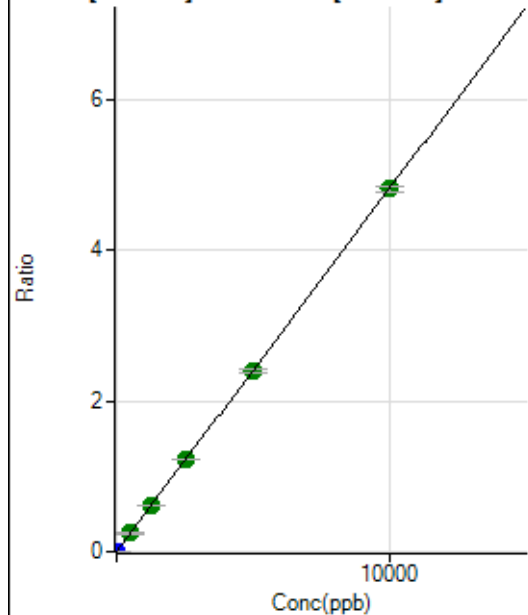
$$BEC = 0.0114$$

Weight: <None>

Min Conc: 0

Calibration for 198SMPL.d

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	207.78	0.0000	P	8.0
2	☐	5.000	5.490	45166.15	0.0027	P	1.4
3	☐	500.000	505.650	4108503.44	0.2437	A	2.6
4	☐	1250.000	1260.853	9894389.78	0.6077	A	1.4
5	☐	2500.000	2533.920	18714110.69	1.2213	A	0.3
6	☐	5000.000	4998.987	36595629.17	2.4095	A	2.0
7	☐	10000.000	9990.387	72968108.36	4.8152	A	1.5
8	☐			27471.84	0.0018	P	14.8

$$y = 4.8199E-004 * x + 1.2065E-005$$

$$R = 1.0000$$

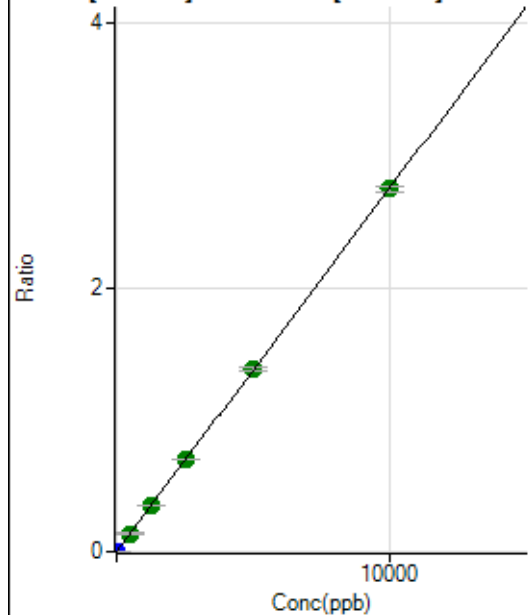
$$DL = 0.005979$$

$$BEC = 0.02503$$

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	74.45	0.0000	P	18.1
2	☐	5.000	5.447	25547.94	0.0015	P	1.0
3	☐	500.000	501.873	2329119.86	0.1381	A	1.0
4	☐	1250.000	1255.551	5626635.34	0.3456	A	1.5
5	☐	2500.000	2537.362	10701537.34	0.6984	A	0.7
6	☐	5000.000	5016.728	20972741.22	1.3809	A	2.1
7	☐	10000.000	9981.508	41632494.10	2.7474	A	1.7
8	☐			9114.22	0.0006	P	31.1

$$y = 2.7525E-004 * x + 4.3219E-006$$

$$R = 1.0000$$

$$DL = 0.008546$$

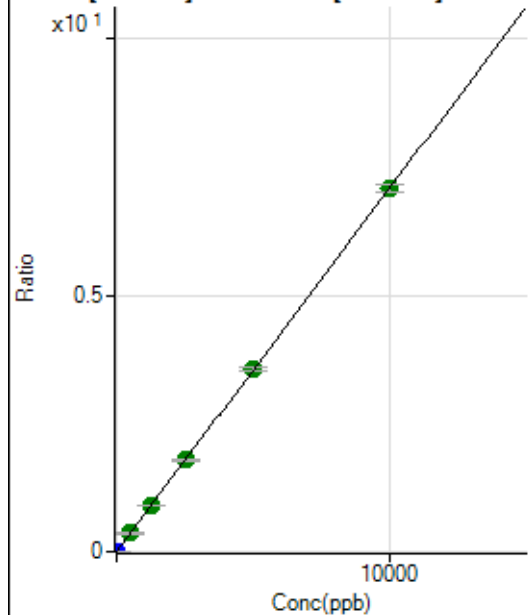
$$BEC = 0.0157$$

Weight: <None>

Min Conc: 0

Calibration for 198SMPL.d

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	152.22	0.0000	P	10.1
2	☐	5.000	5.390	65019.39	0.0038	P	0.6
3	☐	500.000	504.382	6022387.13	0.3573	A	2.5
4	☐	1250.000	1258.333	14511210.89	0.8913	A	1.1
5	☐	2500.000	2516.335	27309943.20	1.7823	A	0.4
6	☐	5000.000	5018.276	53986043.08	3.5544	A	2.0
7	☐	10000.000	9985.517	107173375.07	7.0727	A	2.0
8	☐			22725.70	0.0015	P	30.8

$$y = 7.0830E-004 * x + 8.8344E-006$$

$$R = 1.0000$$

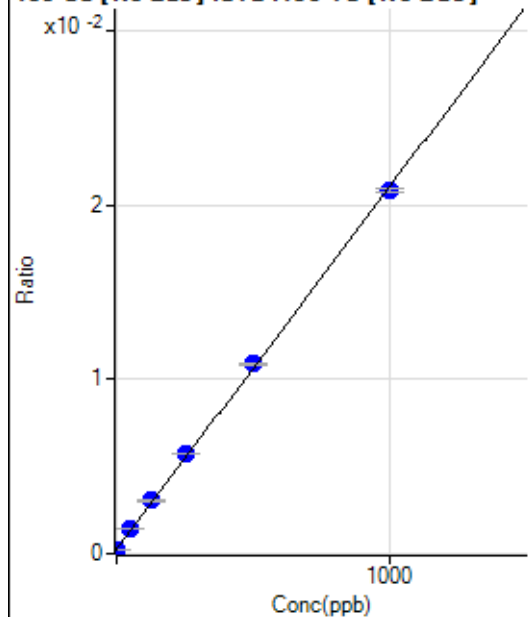
$$DL = 0.003777$$

$$BEC = 0.01247$$

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	4136.18	0.0002	P	3.5
2	☐	1.000	1.631	4716.37	0.0003	P	1.3
3	☐	50.000	56.063	24412.85	0.0014	P	1.4
4	☐	125.000	135.747	52669.39	0.0031	P	2.3
5	☐	250.000	262.575	94718.23	0.0057	P	0.4
6	☐	500.000	512.057	181554.96	0.0109	P	0.6
7	☐	1000.000	989.180	347631.19	0.0208	P	0.9
8	☐			3824.98	0.0002	P	2.8

$$y = 2.0818E-005 * x + 2.3891E-004$$

$$R = 0.9998$$

$$DL = 1.208$$

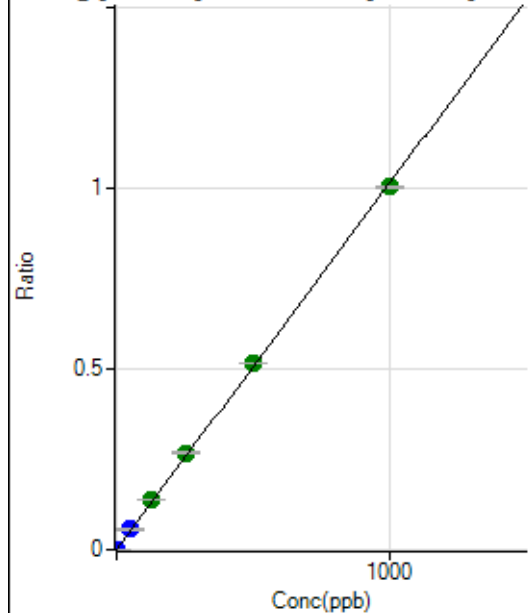
$$BEC = 11.48$$

Weight: <None>

Min Conc: 0

Calibration for 198SMPL.d

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	208.89	0.0000	P	47.1
2	☐	1.000	1.161	20547.99	0.0012	P	0.8
3	☐	50.000	55.385	974542.66	0.0561	P	1.9
4	☐	125.000	136.789	2381994.97	0.1386	A	2.2
5	☐	250.000	264.661	4452124.83	0.2682	A	0.9
6	☐	500.000	508.368	8580847.86	0.5151	A	0.5
7	☐	1000.000	990.408	16747065.86	1.0035	A	0.4
8	☐			4528.58	0.0003	P	32.5

$$y = 0.0010 * x + 1.2060E-005$$

$$R = 0.9998$$

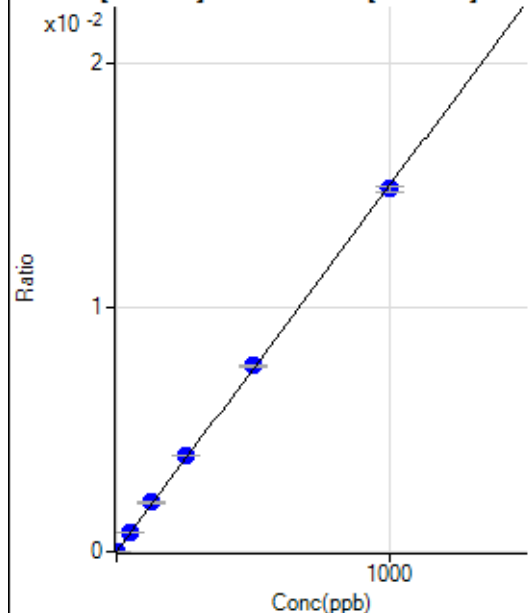
$$DL = 0.0168$$

$$BEC = 0.0119$$

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	5.55	0.0000	P	69.2
2	☐	1.000	1.279	336.67	0.0000	P	15.7
3	☐	50.000	54.659	14218.17	0.0008	P	1.5
4	☐	125.000	134.151	34533.27	0.0020	P	1.4
5	☐	250.000	264.048	65653.14	0.0040	P	0.9
6	☐	500.000	507.694	126658.09	0.0076	P	1.2
7	☐	1000.000	991.264	247731.84	0.0148	P	1.3
8	☐			123.34	0.0000	P	17.5

$$y = 1.4976E-005 * x + 3.2065E-007$$

$$R = 0.9998$$

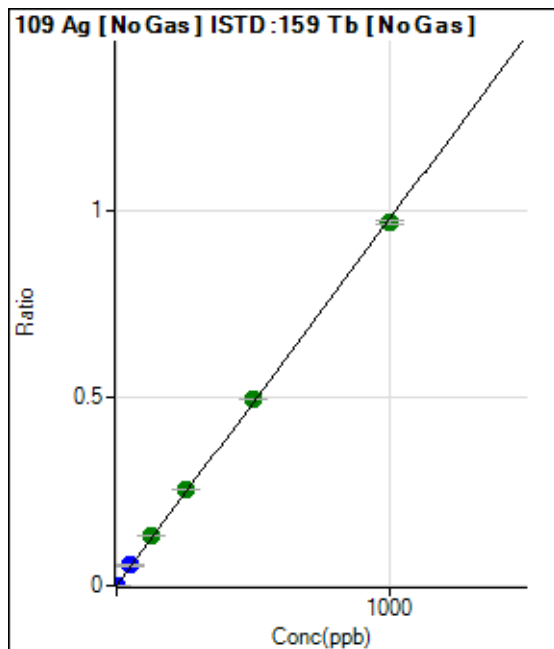
$$DL = 0.04448$$

$$BEC = 0.02141$$

Weight: <None>

Min Conc: 0

Calibration for 198SMPL.d



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	170.00	0.0000	P	72.0
2	☐	1.000	1.162	19772.46	0.0011	P	2.5
3	☐	50.000	55.303	937625.07	0.0540	P	1.8
4	☐	125.000	135.323	2270643.35	0.1321	A	2.0
5	☐	250.000	264.227	4283214.31	0.2580	A	0.3
6	☐	500.000	510.025	8295209.88	0.4980	A	0.4
7	☐	1000.000	989.875	16127890.04	0.9665	A	1.0
8	☐			4216.25	0.0003	P	29.8

$$y = 9.7633\text{E-}004 * x + 9.8126\text{E-}006$$

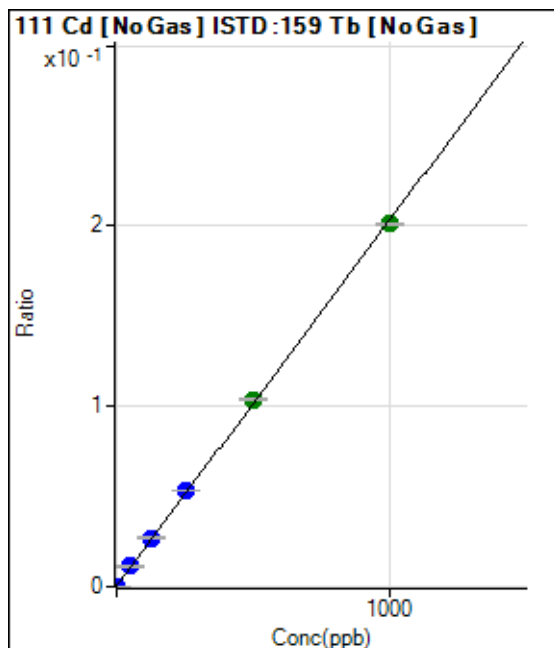
$$R = 0.9998$$

$$DL = 0.02171$$

$$BEC = 0.01005$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2909.22	0.0002	P	3.2
2	☐	1.000	1.236	7240.87	0.0004	P	1.1
3	☐	50.000	54.746	195833.63	0.0113	P	1.9
4	☐	125.000	133.077	467057.07	0.0272	P	1.8
5	☐	250.000	261.446	883704.51	0.0532	P	1.0
6	☐	500.000	510.721	1729537.77	0.1038	A	1.3
7	☐	1000.000	990.531	3357856.58	0.2012	A	0.4
8	☐			3402.30	0.0002	P	5.1

$$y = 2.0296\text{E-}004 * x + 1.6804\text{E-}004$$

$$R = 0.9998$$

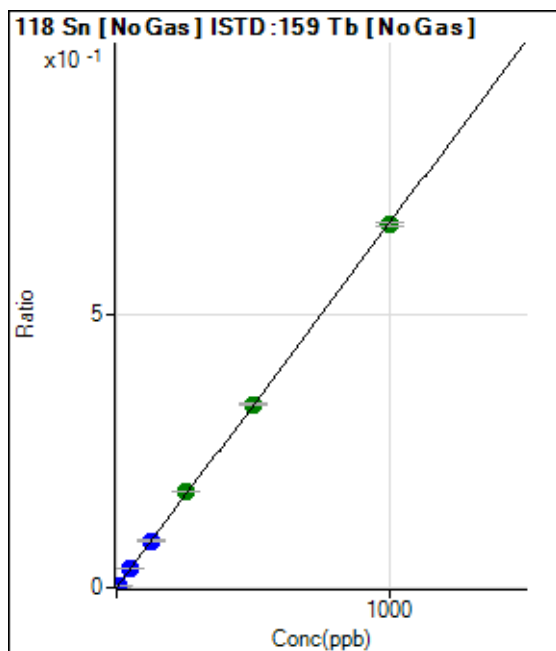
$$DL = 0.07884$$

$$BEC = 0.8279$$

Weight: <None>

Min Conc: 0

Calibration for 198SMPL.d



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2668.04	0.0002	P	3.7
2	☐	5.000	5.831	69894.95	0.0040	P	1.1
3	☐	50.000	52.523	611044.20	0.0352	P	1.8
4	☐	125.000	127.889	1468804.14	0.0855	P	2.4
5	☐	250.000	261.829	2902615.68	0.1748	A	0.2
6	☐	500.000	503.293	5595758.67	0.3359	A	1.0
7	☐	1000.000	994.905	11079333.86	0.6639	A	0.9
8	☐			5261.03	0.0003	P	12.8

$$y = 6.6714\text{E-}004 * x + 1.5412\text{E-}004$$

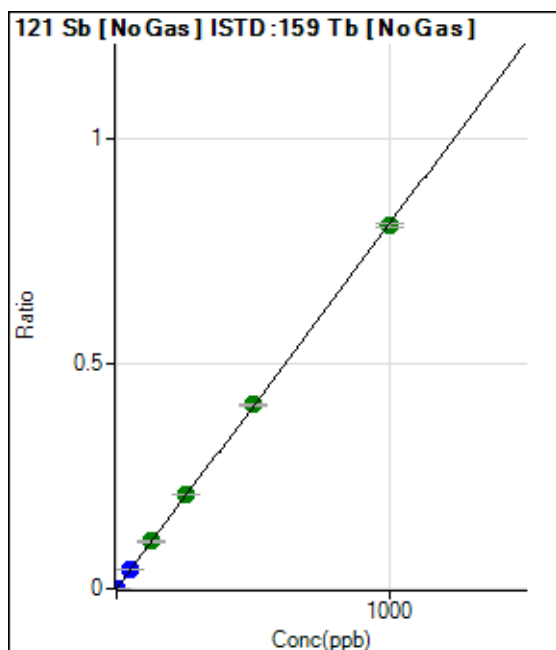
R = 0.9999

DL = 0.02589

BEC = 0.231

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	20.00	0.0000	P	44.0
2	☐	2.000	2.273	31884.22	0.0018	P	1.5
3	☐	50.000	51.744	728609.63	0.0420	P	2.0
4	☐	125.000	129.573	1805944.88	0.1051	A	1.9
5	☐	250.000	259.924	3499633.52	0.2108	A	0.7
6	☐	500.000	504.602	6817064.62	0.4092	A	0.9
7	☐	1000.000	994.559	13460190.91	0.8066	A	1.0
8	☐			7353.08	0.0004	P	15.1

$$y = 8.1101\text{E-}004 * x + 1.1548\text{E-}006$$

R = 0.9999

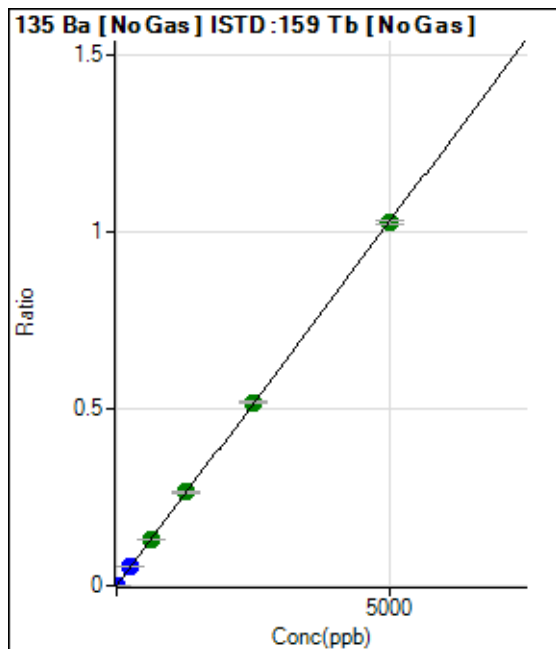
DL = 0.001879

BEC = 0.001424

Weight: <None>

Min Conc: 0

Calibration for 198SMPL.d



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	48.89	0.0000	P	10.2
2	☐	10.000	10.991	39110.23	0.0023	P	1.5
3	☐	250.000	253.716	905853.04	0.0522	P	1.6
4	☐	625.000	641.084	2265614.64	0.1318	A	1.3
5	☐	1250.000	1285.778	4389142.02	0.2644	A	1.1
6	☐	2500.000	2513.574	8609750.56	0.5169	A	1.0
7	☐	5000.000	4982.070	17095427.11	1.0244	A	1.1
8	☐			8346.98	0.0005	P	12.9

$$y = 2.0562E-004 * x + 2.8234E-006$$

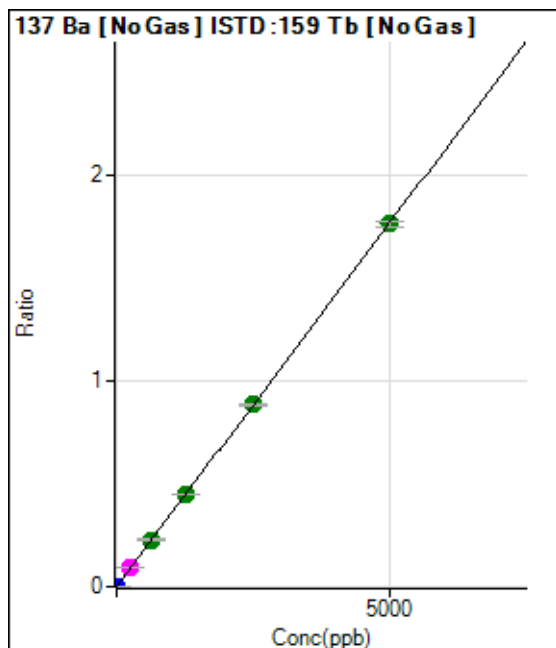
$$R = 1.0000$$

$$DL = 0.004194$$

$$BEC = 0.01373$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	55.56	0.0000	P	14.0
2	☐	10.000	11.024	67430.99	0.0039	P	0.6
3	☐	250.000	258.118	1585012.58	0.0913	M	0.3
4	☐	625.000	643.504	3910460.46	0.2276	A	2.4
5	☐	1250.000	1275.683	7489565.79	0.4511	A	0.7
6	☐	2500.000	2502.736	14742659.22	0.8850	A	1.4
7	☐	5000.000	4989.490	29443893.17	1.7644	A	1.3
8	☐			14045.99	0.0009	P	13.0

$$y = 3.5363E-004 * x + 3.2098E-006$$

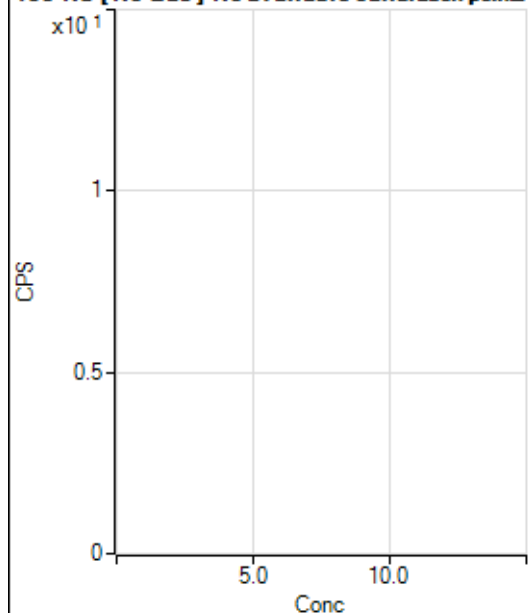
$$R = 1.0000$$

$$DL = 0.003822$$

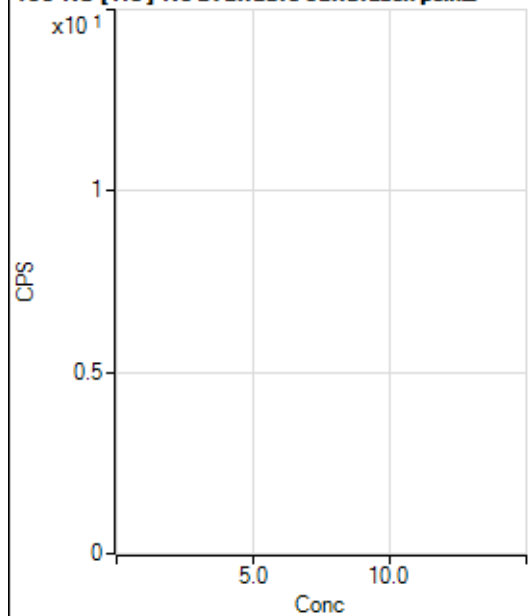
$$BEC = 0.009077$$

Weight: <None>

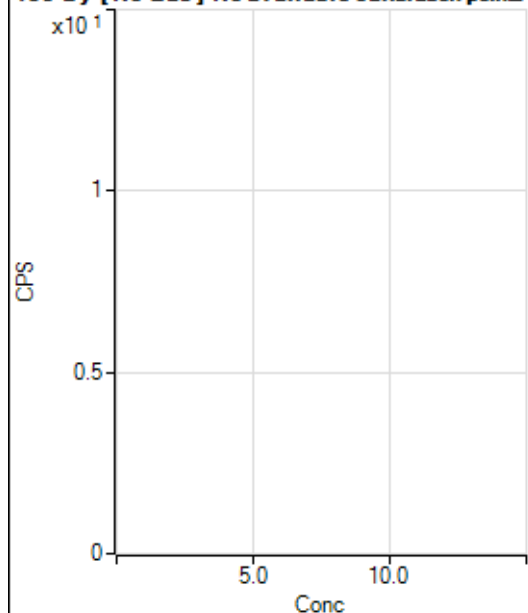
Min Conc: 0

150 Nd [No Gas] No available calibration points

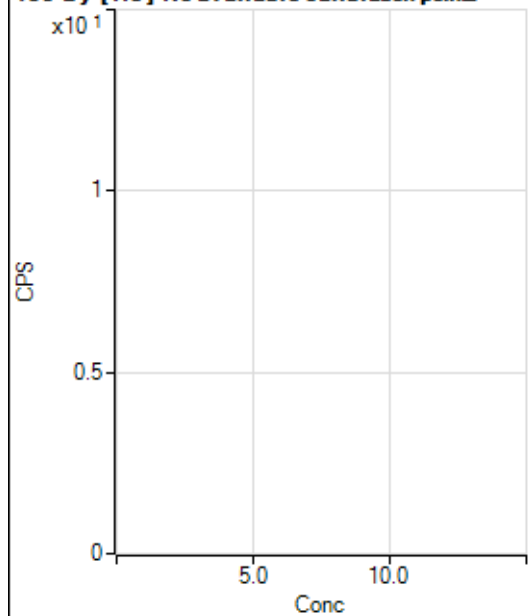
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	78.1
2	☐			7.78		P	24.7
3	☐			52.22		P	3.7
4	☐			135.56		P	24.8
5	☐			194.45		P	15.0
6	☐			378.90		P	8.5
7	☐			846.70		P	3.2
8	☐			292.23		P	9.8

150 Nd [He] No available calibration points

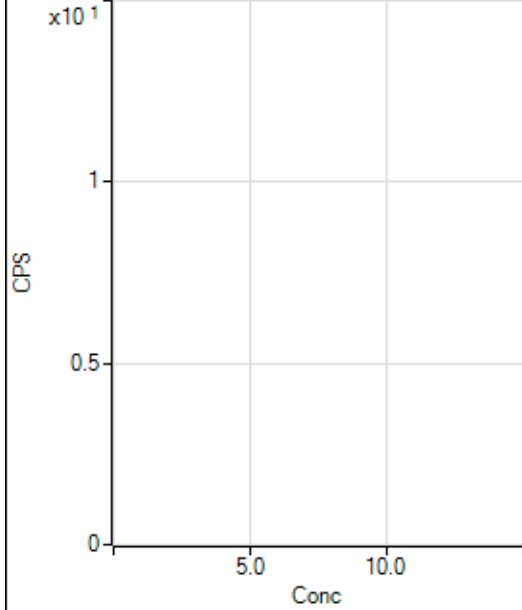
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7.78		P	65.5
2	☐			7.78		P	137.
3	☐			11.11		P	86.6
4	☐			33.33		P	43.6
5	☐			44.44		P	11.5
6	☐			112.22		P	6.2
7	☐			208.89		P	12.0
8	☐			158.89		P	16.3

156 Dy [No Gas] No available calibration points

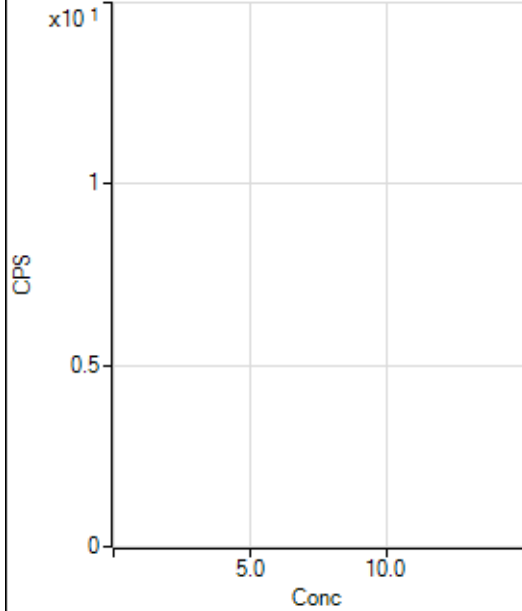
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			15.56		P	32.7
2	☐			18.89		P	20.4
3	☐			34.44		P	5.6
4	☐			40.00		P	22.0
5	☐			71.11		P	37.9
6	☐			154.45		P	16.8
7	☐			256.67		P	11.7
8	☐			477.79		P	2.4

156 Dy [He] No available calibration points

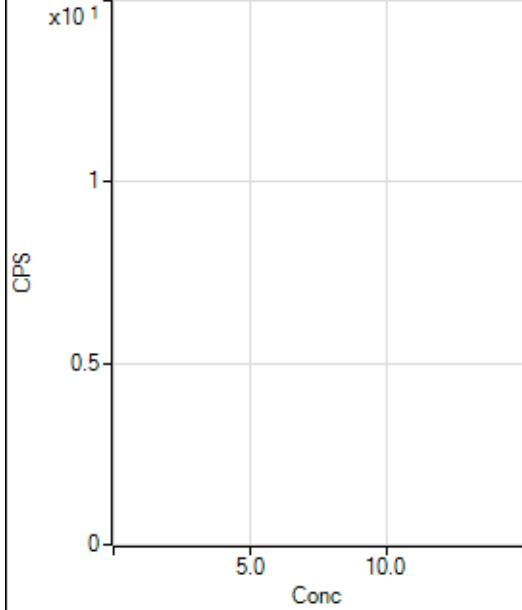
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	43.4
2	☐			6.67		P	50.0
3	☐			54.44		P	33.7
4	☐			117.78		P	22.9
5	☐			210.00		P	17.2
6	☐			457.79		P	8.4
7	☐			848.92		P	9.9
8	☐			415.57		P	5.9

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

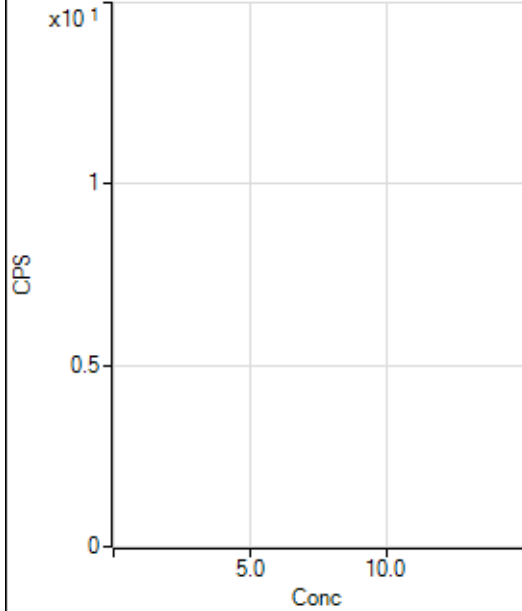
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			53.33		P	6.3
2	☐			72.22		P	37.0
3	☐			60.00		P	20.0
4	☐			80.00		P	18.2
5	☐			92.22		P	8.4
6	☐			122.22		P	18.2
7	☐			160.00		P	7.5
8	☐			513.35		P	5.2

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			821.15		P	7.0
2	☐			735.58		P	9.6
3	☐			786.70		P	4.6
4	☐			744.47		P	3.7
5	☐			702.25		P	16.7
6	☐			753.36		P	4.4
7	☐			821.15		P	1.3
8	☐			1097.83		P	8.4

164 Er [No Gas] No available calibration points

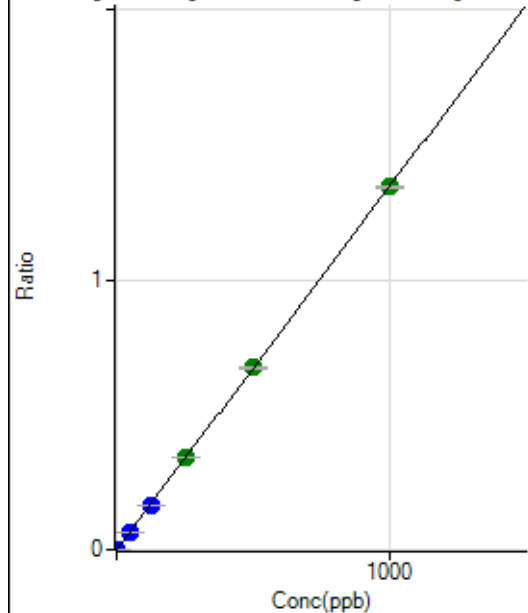
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			72.22		P	17.5
2	☐			81.11		P	10.3
3	☐			74.45		P	18.1
4	☐			85.55		P	4.5
5	☐			103.33		P	6.5
6	☐			122.22		P	13.7
7	☐			181.12		P	8.7
8	☐			555.57		P	10.6

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			54.44		P	9.4
2	☐			43.33		P	7.7
3	☐			56.67		P	46.7
4	☐			52.22		P	20.5
5	☐			71.11		P	16.5
6	☐			106.67		P	8.3
7	☐			122.23		P	12.3
8	☐			452.24		P	13.8

Calibration for 198SMPL.d

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	132.23	0.0000	P	13.1
2	☐	1.000	1.036	14425.51	0.0014	P	2.7
3	☐	50.000	48.407	672490.27	0.0651	P	2.0
4	☐	125.000	120.357	1672107.36	0.1618	P	0.8
5	☐	250.000	254.180	3439987.31	0.3417	A	0.8
6	☐	500.000	500.867	6774159.00	0.6734	A	1.3
7	☐	1000.000	999.181	13437942.30	1.3433	A	0.9
8	☐			2458.05	0.0003	P	37.2

$$y = 0.0013 * x + 1.2702E-005$$

$$R = 1.0000$$

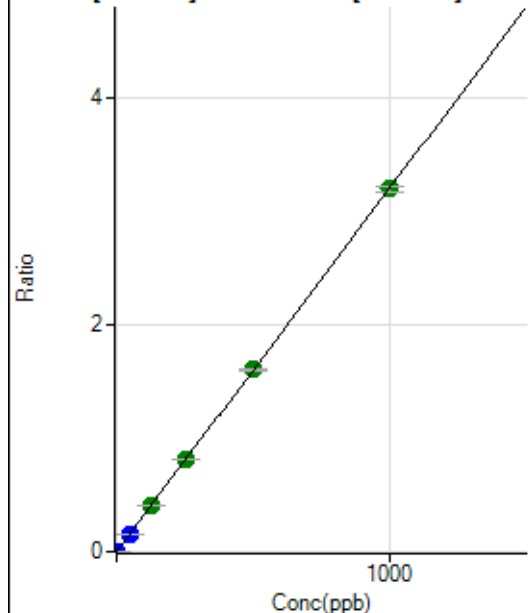
$$DL = 0.003709$$

$$BEC = 0.009448$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	318.90	0.0000	P	10.6
2	☐	1.000	1.024	33953.42	0.0033	P	2.7
3	☐	50.000	48.248	1595942.20	0.1545	P	1.4
4	☐	125.000	125.300	4144500.77	0.4011	A	1.0
5	☐	250.000	253.122	8155762.66	0.8102	A	1.1
6	☐	500.000	501.009	16132981.70	1.6037	A	1.1
7	☐	1000.000	998.765	31979990.63	3.1970	A	1.3
8	☐			5938.19	0.0006	P	41.8

$$y = 0.0032 * x + 3.0630E-005$$

$$R = 1.0000$$

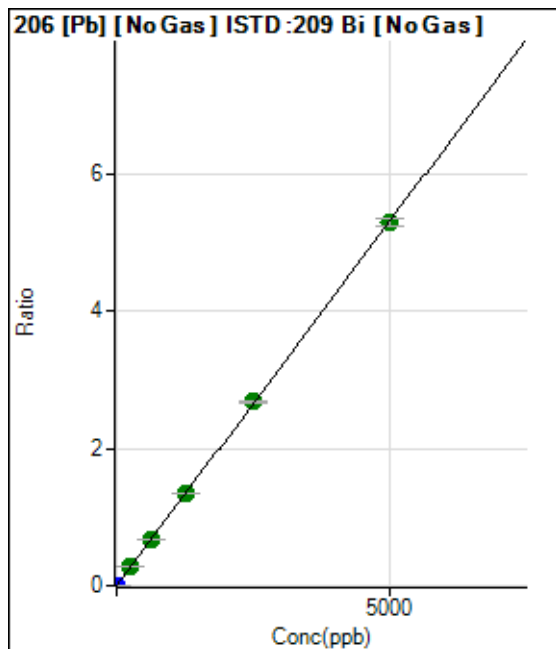
$$DL = 0.003031$$

$$BEC = 0.009569$$

Weight: <None>

Min Conc: 0

Calibration for 198SMPL.d



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	408.90	0.0000	P	13.4
2	☐	1.000	1.045	11781.85	0.0011	P	1.3
3	☐	250.000	253.557	2778815.06	0.2690	A	1.5
4	☐	625.000	630.576	6910547.60	0.6688	A	1.4
5	☐	1250.000	1271.534	13574430.91	1.3486	A	1.3
6	☐	2500.000	2522.874	26917077.66	2.6757	A	1.4
7	☐	5000.000	4982.305	52857679.22	5.2842	A	2.1
8	☐			11703.18	0.0013	P	27.5

$$y = 0.0011 * x + 3.9290E-005$$

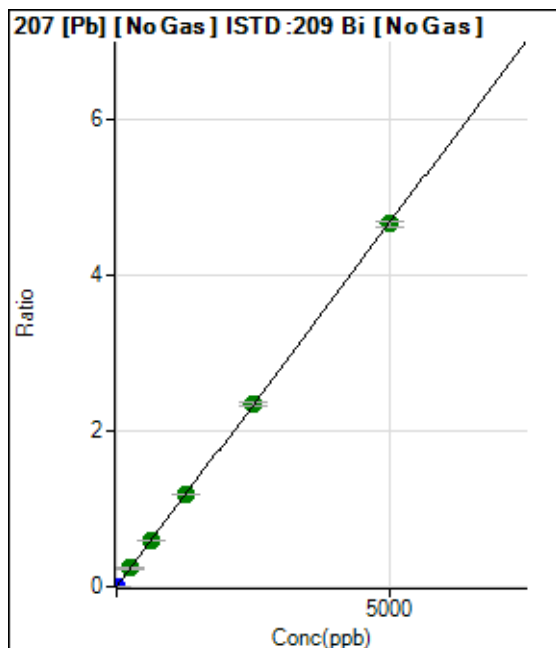
$$R = 1.0000$$

$$DL = 0.01494$$

$$BEC = 0.03705$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	345.57	0.0000	P	8.3
2	☐	1.000	1.046	10391.85	0.0010	P	1.5
3	☐	250.000	253.036	2446409.16	0.2368	A	2.7
4	☐	625.000	628.804	6080293.52	0.5884	A	1.0
5	☐	1250.000	1270.195	11963950.38	1.1886	A	1.6
6	☐	2500.000	2516.575	23689666.03	2.3549	A	1.5
7	☐	5000.000	4986.036	46672602.64	4.6658	A	1.2
8	☐			10183.02	0.0011	P	27.0

$$y = 9.3576E-004 * x + 3.3180E-005$$

$$R = 1.0000$$

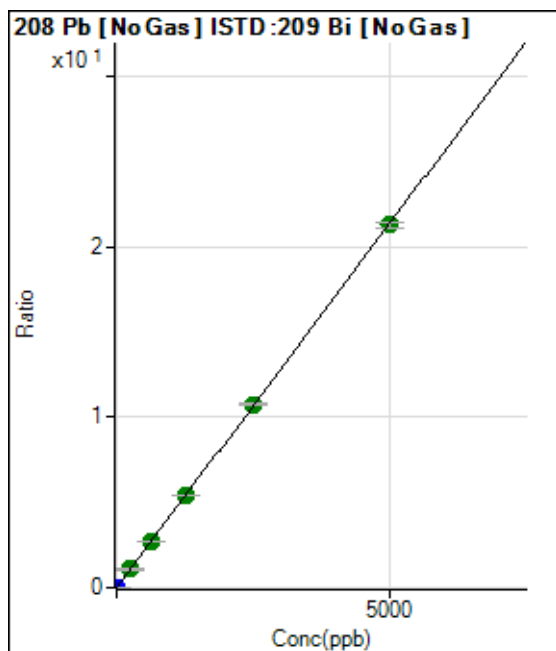
$$DL = 0.008865$$

$$BEC = 0.03546$$

Weight: <None>

Min Conc: 0

Calibration for 198SMPL.d



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1652.28	0.0002	P	6.5
2	☐	1.000	1.038	47057.65	0.0046	P	1.6
3	☐	250.000	252.772	11141455.53	1.0785	A	2.2
4	☐	625.000	628.540	27706229.38	2.6814	A	1.1
5	☐	1250.000	1270.244	54543787.80	5.4189	A	1.4
6	☐	2500.000	2520.499	108162208.39	10.7523	A	1.8
7	☐	5000.000	4984.108	212684431.28	21.2617	A	1.3
8	☐			46540.03	0.0051	P	28.1

$$y = 0.0043 * x + 1.5868E-004$$

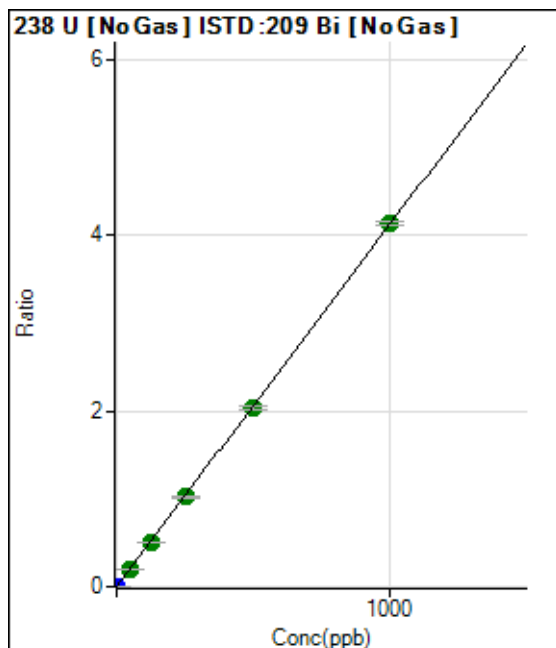
R = 1.0000

DL = 0.007303

BEC = 0.0372

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	20.00	0.0000	P	17.2
2	☐	1.000	0.973	41136.68	0.0040	P	1.1
3	☐	50.000	48.516	2063811.03	0.1998	A	3.0
4	☐	125.000	121.382	5164605.86	0.4998	A	1.5
5	☐	250.000	248.627	10304629.91	1.0238	A	2.2
6	☐	500.000	495.567	20528394.28	2.0407	A	1.6
7	☐	1000.000	1003.086	41319236.61	4.1306	A	1.2
8	☐			6386.22	0.0007	P	40.9

$$y = 0.0041 * x + 1.9224E-006$$

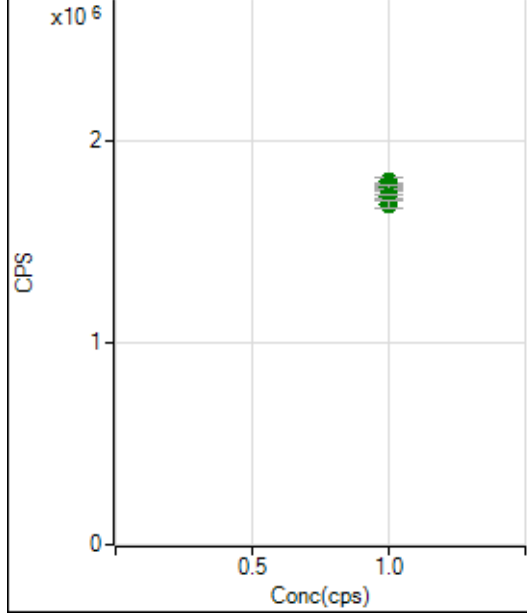
R = 1.0000

DL = 0.0002415

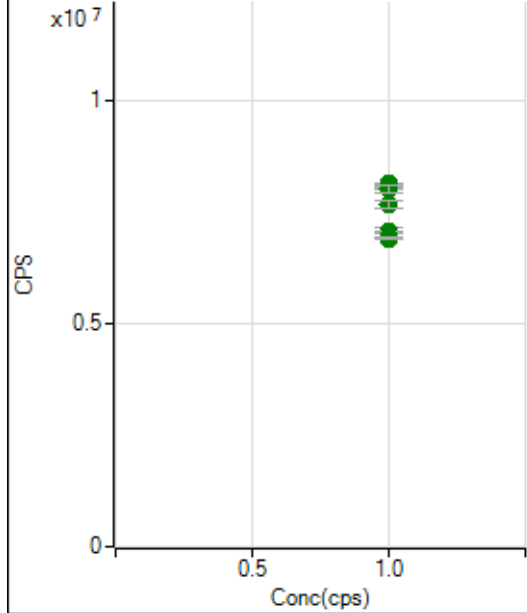
BEC = 0.0004668

Weight: <None>

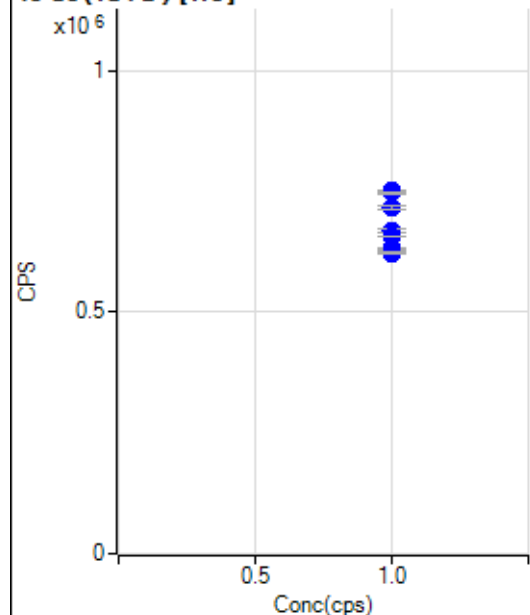
Min Conc: 0

6 Li (ISTD) [No Gas]

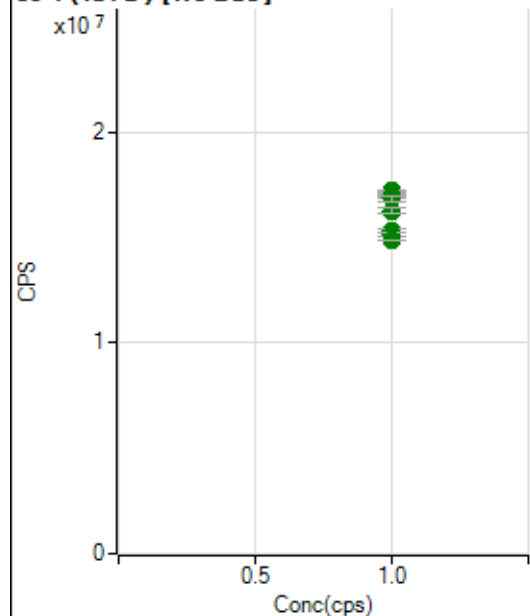
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1725375.39		A	2.4
2	☐	1.000		1760806.60		A	1.1
3	☐	1.000		1794077.13		A	2.0
4	☐	1.000		1769902.80		A	1.1
5	☐	1.000		1778295.39		A	0.6
6	☐	1.000		1766788.59		A	1.2
7	☐	1.000		1721396.93		A	0.9
8	☐	1.000		1681087.29		A	2.0

45 Sc (ISTD) [No Gas]

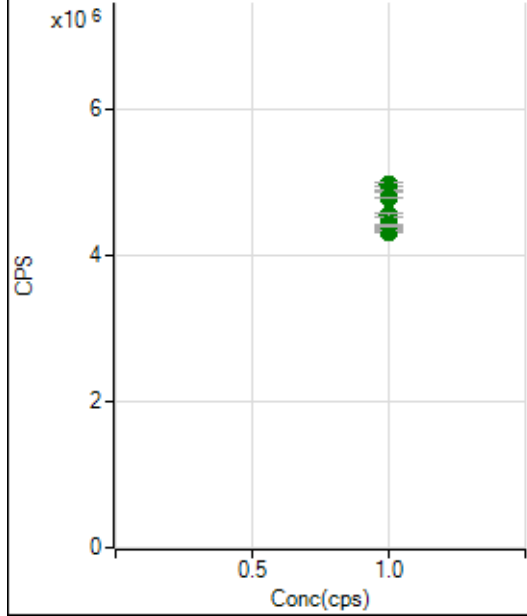
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		8148566.27		A	0.2
2	☐	1.000		8075539.40		A	0.5
3	☐	1.000		8018983.56		A	2.1
4	☐	1.000		7681512.45		A	1.9
5	☐	1.000		7102379.13		A	1.9
6	☐	1.000		7064737.60		A	0.8
7	☐	1.000		6937359.55		A	1.1
8	☐	1.000		6927157.61		A	0.5

45 Sc (ISTD) [He]

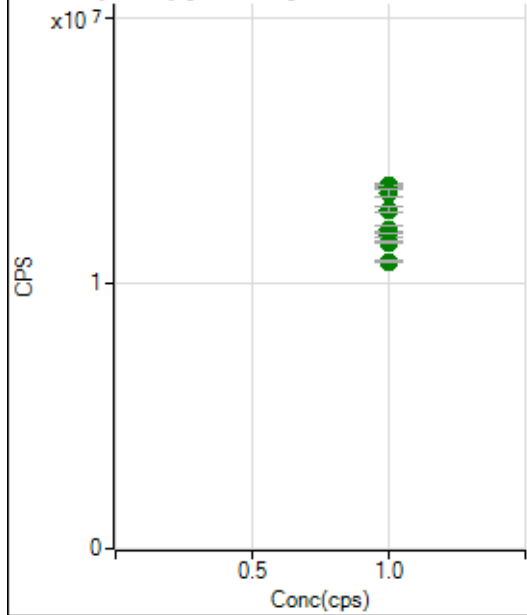
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		750561.95		P	0.4
2	☐	1.000		746545.51		P	0.6
3	☐	1.000		716769.32		P	0.9
4	☐	1.000		668726.98		P	1.2
5	☐	1.000		630946.10		P	0.9
6	☐	1.000		626143.98		P	0.3
7	☐	1.000		622033.81		P	1.0
8	☐	1.000		655993.50		P	0.4

89 Y (ISTD) [No Gas]

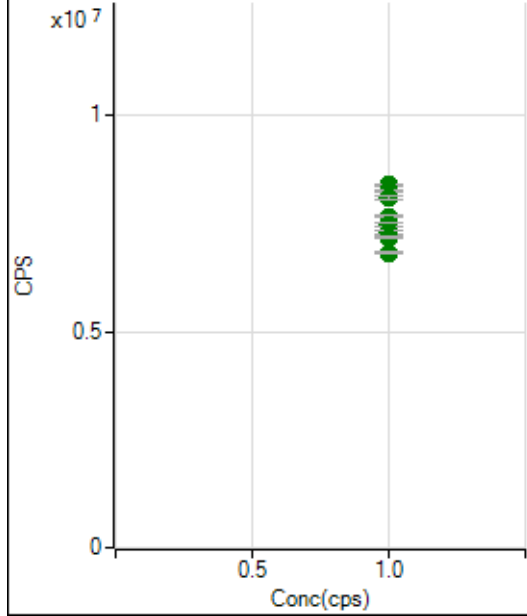
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		17228561.83		A	0.8
2	☐	1.000		16992878.50		A	0.9
3	☐	1.000		16862217.95		A	1.9
4	☐	1.000		16282931.84		A	1.4
5	☐	1.000		15323053.66		A	1.1
6	☐	1.000		15190594.50		A	1.1
7	☐	1.000		15155289.77		A	1.1
8	☐	1.000		14893077.69		A	0.1

89 Y (ISTD) [He]

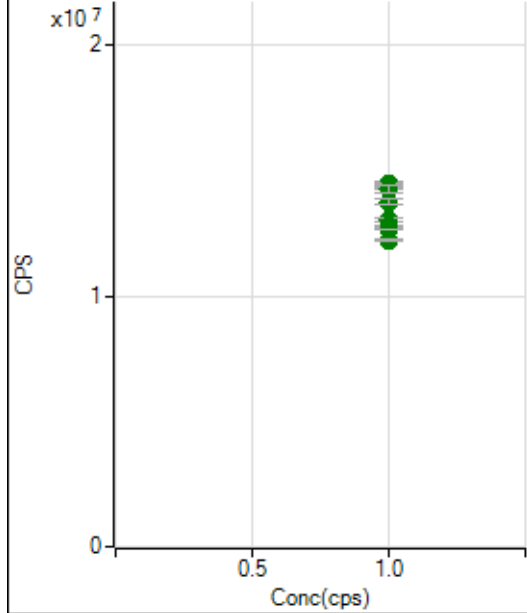
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		4963431.83		A	0.9
2	☐	1.000		4888605.62		A	0.6
3	☐	1.000		4788288.58		A	0.4
4	☐	1.000		4554697.22		A	0.9
5	☐	1.000		4378842.12		A	0.9
6	☐	1.000		4324257.61		A	1.0
7	☐	1.000		4345308.89		A	0.7
8	☐	1.000		4410587.54		A	0.3

103 Rh (ISTD) [No Gas]

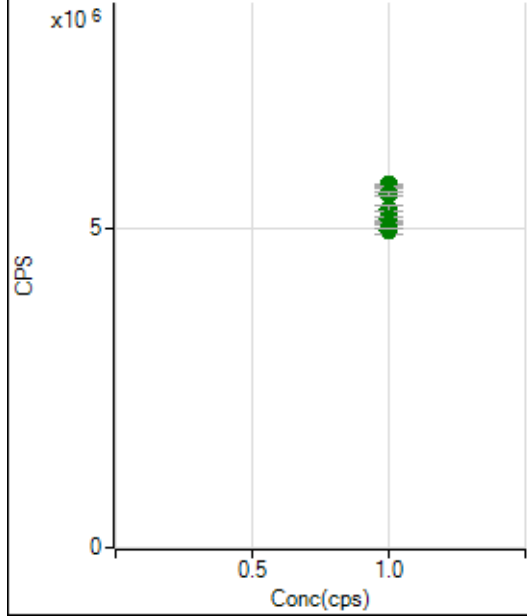
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		13695100.49		A	1.0
2	☐	1.000		13671344.52		A	1.0
3	☐	1.000		13430399.10		A	1.9
4	☐	1.000		12810054.53		A	1.3
5	☐	1.000		12071766.76		A	1.6
6	☐	1.000		11851822.74		A	1.0
7	☐	1.000		11571898.16		A	0.6
8	☐	1.000		10838143.03		A	0.7

103 Rh (ISTD) [He]

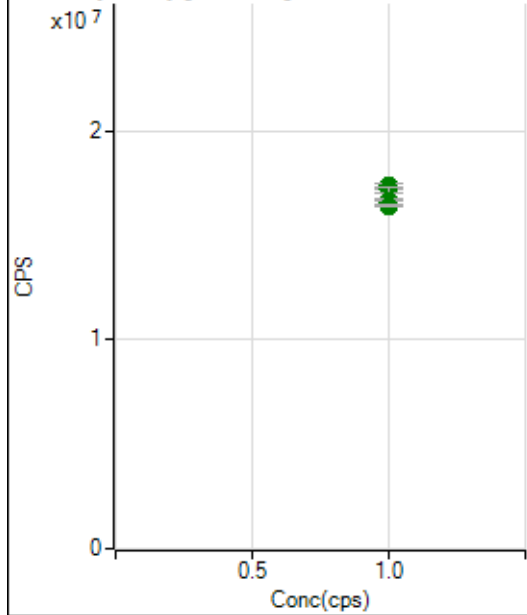
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		8389790.78		A	0.3
2	☐	1.000		8252641.54		A	0.6
3	☐	1.000		8082741.62		A	0.9
4	☐	1.000		7658743.36		A	0.7
5	☐	1.000		7475263.50		A	0.9
6	☐	1.000		7304673.43		A	1.0
7	☐	1.000		7179016.14		A	0.8
8	☐	1.000		6817969.34		A	0.6

115 In (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		14466421.04		A	1.7
2	☐	1.000		14382481.36		A	1.2
3	☐	1.000		14243814.70		A	1.9
4	☐	1.000		13735221.59		A	1.5
5	☐	1.000		13014125.64		A	1.3
6	☐	1.000		12788793.57		A	0.5
7	☐	1.000		12641677.25		A	0.2
8	☐	1.000		12203079.91		A	0.5

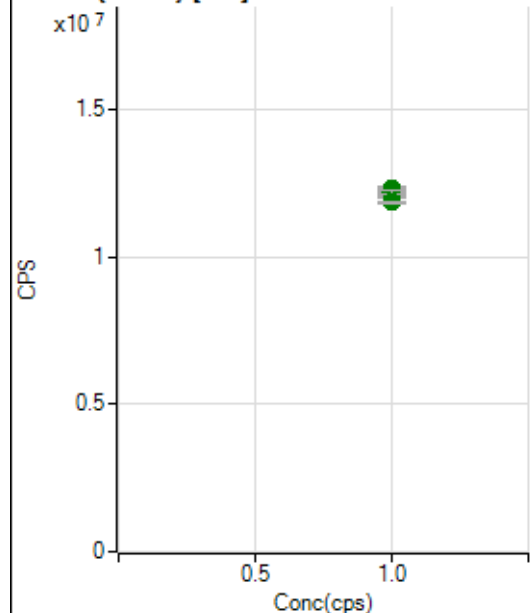
115 In (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		5680612.05		A	0.4
2	☐	1.000		5635025.32		A	0.6
3	☐	1.000		5543657.42		A	1.1
4	☐	1.000		5313031.57		A	1.6
5	☐	1.000		5146679.25		A	0.8
6	☐	1.000		5066388.24		A	0.8
7	☐	1.000		4957330.03		A	1.5
8	☐	1.000		4998312.17		A	0.3

159 Tb (ISTD) [No Gas]

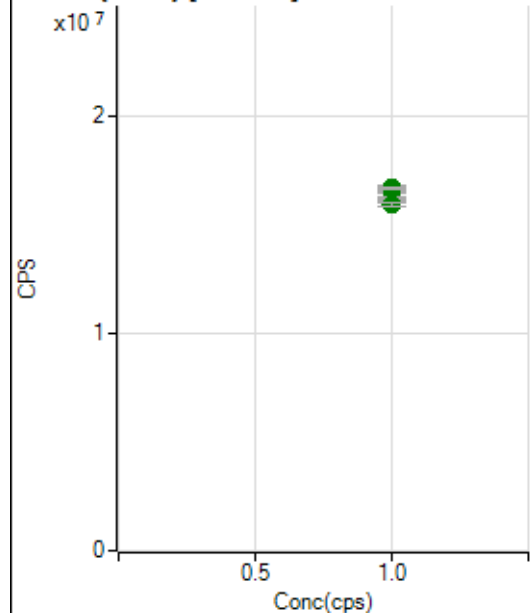
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		17311830.57		A	0.3
2	☐	1.000		17284021.82		A	0.6
3	☐	1.000		17364437.38		A	1.1
4	☐	1.000		17188584.47		A	1.6
5	☐	1.000		16602291.42		A	1.1
6	☐	1.000		16658415.72		A	0.5
7	☐	1.000		16688158.78		A	0.6
8	☐	1.000		16415497.95		A	0.5

159 Tb (ISTD) [He]



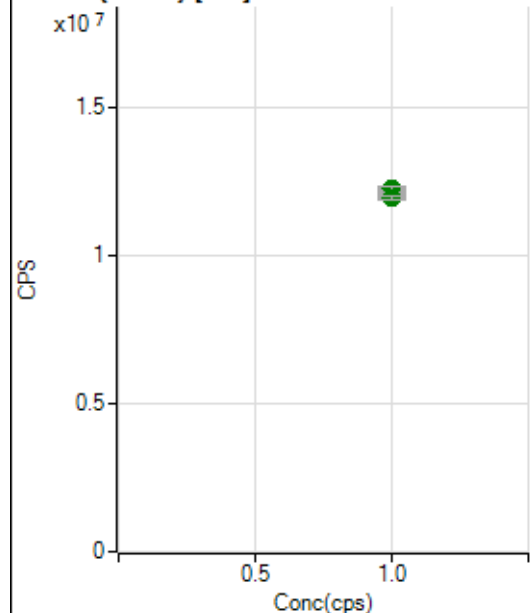
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		12321923.98		A	1.1
2	☐	1.000		12172609.54		A	0.4
3	☐	1.000		12285866.07		A	1.3
4	☐	1.000		12097445.10		A	1.2
5	☐	1.000		12095035.24		A	0.7
6	☐	1.000		12121398.43		A	0.6
7	☐	1.000		12222406.07		A	1.2
8	☐	1.000		11857424.83		A	0.7

165 Ho (ISTD) [No Gas]



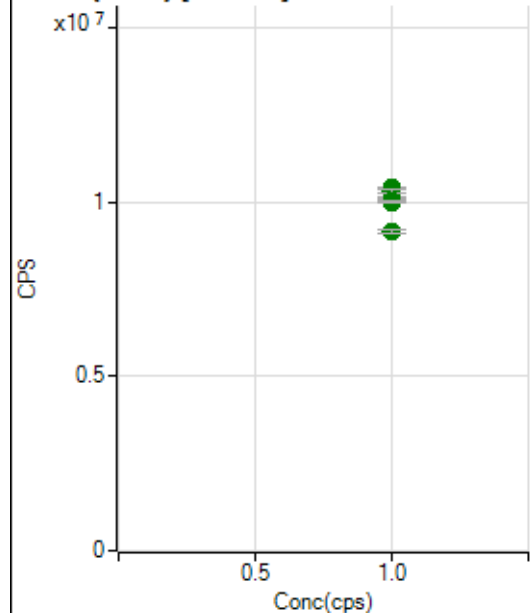
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		16732535.17		A	1.5
2	☐	1.000		16618366.97		A	1.2
3	☐	1.000		16706812.95		A	1.5
4	☐	1.000		16714171.28		A	0.7
5	☐	1.000		16005288.23		A	1.3
6	☐	1.000		16146945.31		A	0.6
7	☐	1.000		16235944.20		A	0.6
8	☐	1.000		15932969.76		A	1.1

165 Ho (ISTD) [He]

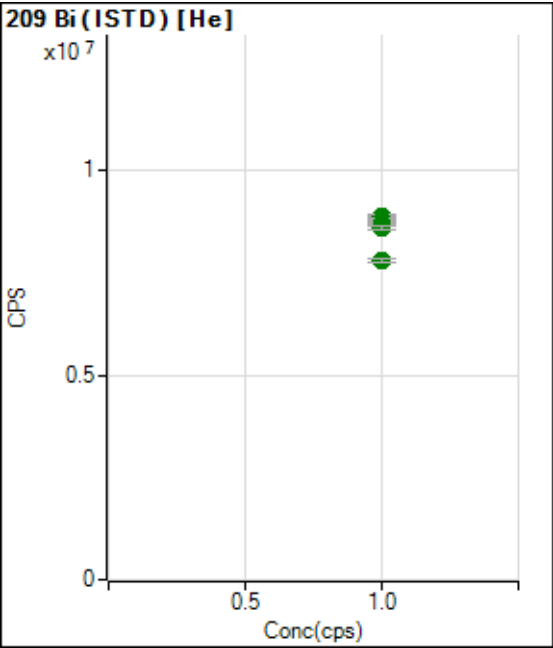


	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		12269067.32		A	0.7
2	☐	1.000		12085827.32		A	1.4
3	☐	1.000		12200694.68		A	0.4
4	☐	1.000		12055250.24		A	1.2
5	☐	1.000		12117694.54		A	0.9
6	☐	1.000		12057372.60		A	0.4
7	☐	1.000		12261308.71		A	1.6
8	☐	1.000		11965603.43		A	0.8

209 Bi (ISTD) [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		10411223.80		A	0.6
2	☐	1.000		10266316.51		A	1.8
3	☐	1.000		10333241.17		A	1.5
4	☐	1.000		10333019.15		A	0.8
5	☐	1.000		10066736.45		A	1.3
6	☐	1.000		10060319.43		A	0.7
7	☐	1.000		10003495.82		A	0.4
8	☐	1.000		9149052.29		A	1.4



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		8829802.99		A	1.1
2	☐	1.000		8733727.92		A	0.4
3	☐	1.000		8858932.99		A	1.2
4	☐	1.000		8761955.91		A	0.4
5	☐	1.000		8797433.41		A	0.8
6	☐	1.000		8677271.95		A	0.7
7	☐	1.000		8580274.11		A	1.1
8	☐	1.000		7794738.98		A	1.1

US EPA Tune Check Report

Reviewed By: Mohan
On: 12/19/2024 8:42:22 AM
Inst Id : P7
ClientSampleId : TUNE002

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\IP7121824 MS.b
Acq. Date-Time 2024-12-18 10:50:37
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		8959	89593.26			0.689	5.000
24		73005	730046.28			1.095	5.000
25		8901	89007.15			0.782	5.000
26		9950	99503.87			0.918	5.000
59		128883	1288828.16			0.520	5.000
113		16629	166291.98			0.684	5.000
115		207501	2075011.48			0.553	5.000
206		41946	419463.12			1.029	5.000
207		35747	357471.32			0.799	5.000
208		89012	890118.76			0.779	5.000
220		0	2.70			21.114	

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	9006	8973	8854	9001	8962
24	72802	74371	72464	72977	72409
25	8889	8914	8790	8934	8976
26	9962	9948	9800	10001	10041
59	129329	128208	128174	129668	129036
113	16720	16640	16468	16571	16748
115	208115	207405	205723	207451	208812
206	41715	41750	41461	42372	42433
207	35925	35754	35255	35952	35849
208	89192	89140	87824	89649	89255

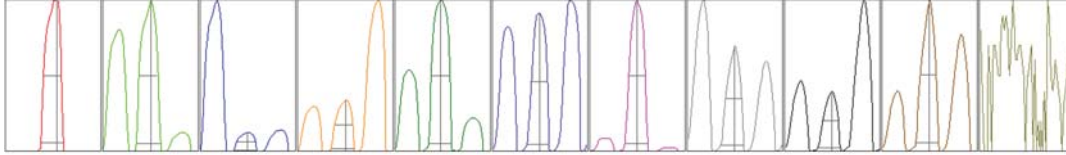
US EPA Tune Check Report

Reviewed By:Mohan
On:12/19/2024 8:42:22
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	16815.17	9.15	8.90 - 9.10	Fail
24	131813.55	24.05	23.90 - 24.10	
25	15930.97	25.00	24.90 - 25.10	
26	18229.24	26.05	25.90 - 26.10	
59	227112.05	58.95	58.90 - 59.10	
113	33622.23	113.00	112.90 - 113.10	
115	419319.31	115.00	114.90 - 115.10	
206	87963.68	206.00	205.90 - 206.10	
207	75591.52	207.00	206.90 - 207.10	
208	188704.24	208.00	207.90 - 208.10	
220			-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.55	0.685	0.900	
24	0.60	0.775	0.900	
25	0.58	0.730	0.900	
26	0.57	0.737	0.900	
59	0.59	0.734	0.900	
113	0.50	0.698	0.900	
115	0.51	0.735	0.900	
206	0.50	0.738	0.900	
207	0.49	0.723	0.900	
208	0.50	0.728	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: 12/19/2024 8:42:22 AM
Inst Id : P7
Client Sample Id
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	7.5 V	Deflect	16.4 V
Extract 2	-120.0 V	Cell Entrance	-30 V	Plate Bias	-35 V
Omega Bias	-60 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	131	Axis Offset	0.16		

Hardware Settings

Torch

Torch H	0.1 mm	Torch V	0.4 mm
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EM

Discriminator	4.8 mV	Analog HV	2237 V	Pulse HV	1013 V
---------------	--------	-----------	--------	----------	--------

[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		43335	433345.90			0.540	
89		51211	512110.20			0.572	
205		46658	466583.03			0.271	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	43667	43319	43113	43453	43121
89	51708	51172	51092	51148	50936
205	46836	46748	46567	46566	46574

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	10.0 V	Deflect	3.6 V
-----------	-------	------------	--------	---------	-------

US EPA Tune Check Report

Reviewed By:Mohan
On:12/19/2024 8:42:22
AM
Inst Id :P7
ClientSampleId
TUNE002

Extract 2	-170.0 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	131	Axis Offset	0.16		
Hardware Settings					
Torch					
Torch H	0.1 mm	Torch V	0.4 mm		
EM					
Discriminator	4.8 mV	Analog HV	2237 V	Pulse HV	1013 V

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

S00

Instrumnet Name :

P7

Client Sample ID :

S0

Dilution Factor :

1

Date & Time Acquired :

2024-12-18 13:30:23

DataFile Name :

004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.06	0.04	0.02	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.01	0.01	-0.01	0.00	N/A	ppb
Barium	135-1	0.00	0.00	0.00	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.02	-0.01	-0.01	0.00	N/A	ppb
Cadmium	106-1	0.38	0.04	-0.42	0.00	N/A	ppb
Cadmium	111-1	0.03	0.00	-0.03	0.00	N/A	ppb
Calcium	43-1	0.46	-1.06	0.60	0.00	N/A	ppb
Calcium	44-1	0.00	-0.06	0.06	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	-0.01	0.00	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	-0.01	0.01	0.00	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	-0.02	0.01	0.01	0.00	N/A	ppb
Iron	57-2	2.45	-1.18	-1.27	0.00	N/A	ppb
Iron	54-2	-0.19	0.00	0.19	0.00	N/A	ppb
Krypton	83-1						cps

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

LB134003
S00
S0
2024-12-18 13:30:23

Operator :
Instrumnet Name :
Dilution Factor :
DataFile Name :

Jaswal
P7
1
004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	-0.01	0.00	0.00	0.00	N/A	ppb
Lead	207-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.05	0.03	-0.08	0.00	N/A	ppb
Manganese	55-2	0.00	0.01	-0.01	0.00	N/A	ppb
Molybdenum	94-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.01	0.01	0.00	N/A	ppb
Phosphorus	31-2	-19.52	-13.49	-15.01	-16.00		ppb
Potassium	39-2	-0.01	-0.56	0.57	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	-0.10	0.11	-0.01	0.00	N/A	ppb
Selenium	77-2	0.08	-0.04	-0.04	0.00	N/A	ppb
Selenium	78-2	0.41	-0.62	0.21	0.00	N/A	ppb
Silicon	28-1	-15.02	-14.83	29.86	0.00	N/A	ppb
Silver	107-1	0.01	0.00	0.00	0.00	N/A	ppb
Silver	109-1	0.01	0.00	-0.01	0.00	N/A	ppb
Sodium	23-2	-0.09	0.41	-0.32	0.00	N/A	ppb
Strontium	86-1	0.07	0.17	-0.23	0.00	N/A	ppb
Strontium	88-1	-0.01	0.01	0.00	0.00	N/A	ppb
Sulfur	34-1	-118.59	-84.06	-27.58	-76.74		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	0.00	0.01	0.00	N/A	ppb
Titanium	47-1	0.00	0.01	-0.01	0.00	N/A	ppb

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

S00

Instrumnet Name :

P7

Client Sample ID :

S0

Dilution Factor :

1

Date & Time Acquired :

2024-12-18 13:30:23

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	-0.03	0.03	0.00	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 :

LB134003

Operator :

Jaswal

Lab Sample ID :

S02

Instrumnet Name :

P7

Client Sample ID :

S02

Dilution Factor :

1

Date & Time Acquired :

2024-12-18 13:36:56

DataFile Name :

006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.43	20.92	21.70	21.35	1.86	ppb
Antimony	121-1	2.24	2.31	2.27	2.27	1.46	ppb
Arsenic	75-2	1.45	1.30	1.16	1.30	11.18	ppb
Barium	135-1	10.84	11.16	10.97	10.99	1.46	ppb
Barium	137-1	10.97	11.10	11.00	11.02	0.61	ppb
Beryllium	9-1	1.24	1.15	1.20	1.20	3.96	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.07	1.29	1.48	1.28	15.92	ppb
Cadmium	106-1	1.73	1.43	1.73	1.63	10.78	ppb
Cadmium	111-1	1.22	1.26	1.22	1.24	1.79	ppb
Calcium	43-1	573.75	586.79	595.64	585.39	1.88	ppb
Calcium	44-1	579.94	583.08	584.08	582.37	0.37	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.21	2.29	2.26	2.26	1.87	ppb
Cobalt	59-2	1.17	1.18	1.17	1.17	0.36	ppb
Copper	63-2	2.12	2.14	2.17	2.14	1.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				99		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	56-2	59.15	58.85	58.64	58.88	0.43	ppb
Iron	57-2	60.45	59.93	61.06	60.48	0.94	ppb
Iron	54-2	62.58	62.45	59.80	61.61	2.55	ppb
Krypton	83-1						cps

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

S02

Instrumnet Name :

P7

Client Sample ID :

S02

Dilution Factor :

1

Date & Time Acquired :

2024-12-18 13:36:56

DataFile Name :

006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.03	1.05	1.05	1.05	1.38	ppb
Lead	207-1	1.03	1.05	1.06	1.05	1.57	ppb
Lead	208-1	1.02	1.04	1.06	1.04	1.69	ppb
Lithium	6-1				102		%
Magnesium	24-2	550.15	553.92	550.67	551.58	0.37	ppb
Manganese	55-2	1.10	1.14	1.10	1.12	2.29	ppb
Molybdenum	94-1	6.30	6.42	6.37	6.36	0.97	ppb
Molybdenum	95-1	5.33	5.44	5.49	5.42	1.51	ppb
Molybdenum	96-1	5.41	5.50	5.56	5.49	1.36	ppb
Molybdenum	97-1	5.39	5.45	5.50	5.45	1.02	ppb
Molybdenum	98-1	5.38	5.43	5.36	5.39	0.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.19	1.13	1.23	1.18	4.00	ppb
Phosphorus	31-2	14.11	16.85	17.06	16.00	10.30	ppb
Potassium	39-2	574.36	574.20	572.55	573.70	0.17	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	82-1	6.07	5.27	5.61	5.65	7.13	ppb
Selenium	77-2	5.74	5.29	7.72	6.25	20.66	ppb
Selenium	78-2	6.19	6.00	6.24	6.14	2.07	ppb
Silicon	28-1	34.11	31.75	36.45	34.10	6.89	ppb
Silver	107-1	1.17	1.16	1.15	1.16	0.85	ppb
Silver	109-1	1.14	1.20	1.15	1.16	2.53	ppb
Sodium	23-2	660.16	659.80	657.56	659.17	0.21	ppb
Strontium	86-1	26.65	28.48	28.01	27.71	3.43	ppb
Strontium	88-1	27.52	27.18	27.82	27.51	1.18	ppb
Sulfur	34-1	50.16	40.84	139.24	76.74	70.79	ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	1.02	1.02	1.07	1.04	2.68	ppb
Thallium	205-1	1.00	1.02	1.05	1.02	2.76	ppb
Tin	118-1	5.76	5.87	5.87	5.83	1.09	ppb
Titanium	47-1	5.28	5.46	5.51	5.42	2.17	ppb

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

S02

Instrumnet Name :

P7

Client Sample ID :

S02

Dilution Factor :

1

Date & Time Acquired :

2024-12-18 13:36:56

DataFile Name :

006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.97	0.97	0.98	0.97	1.07	ppb
Vanadium	51-2	5.41	5.47	5.35	5.41	1.16	ppb
Yttrium	89-1				99		%
Yttrium	89-2				98		%
Zinc	66-2	5.86	5.87	6.14	5.96	2.61	ppb
Zirconium	90-1	1.06	1.06	1.08	1.07	0.73	ppb
Zirconium	91-1	1.11	1.04	1.10	1.08	3.40	ppb

LB Number :LB134003Operator :Jaswal

Lab Sample ID :S03Instrumnet Name :P7

Client Sample ID :S03Dilution Factor :1

Date & Time Acquired :2024-12-18 13:40:11DataFile Name :007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1001.15	1002.44	999.36	1000.99	0.15	ppb
Antimony	121-1	50.56	52.40	52.27	51.74	1.99	ppb
Arsenic	75-2	53.45	53.50	53.04	53.33	0.47	ppb
Barium	135-1	249.24	257.38	254.53	253.72	1.63	ppb
Barium	137-1	257.60	258.89	257.86	258.12	0.26	ppb
Beryllium	9-1	48.43	51.35	51.67	50.48	3.54	ppb
Bismuth	209-1				99		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	53.76	54.83	55.38	54.66	1.51	ppb
Cadmium	106-1	55.29	57.14	55.76	56.06	1.72	ppb
Cadmium	111-1	53.54	55.64	55.06	54.75	1.98	ppb
Calcium	43-1	5226.79	5459.94	5459.41	5382.05	2.50	ppb
Calcium	44-1	4990.74	5142.87	5197.20	5110.27	2.09	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	51.52	51.69	51.34	51.51	0.34	ppb
Cobalt	59-2	51.91	51.80	51.89	51.86	0.11	ppb
Copper	63-2	519.14	536.01	527.83	527.66	1.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				99		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	56-2	2637.89	2672.80	2624.47	2645.05	0.94	ppb
Iron	57-2	2693.22	2730.88	2720.97	2715.03	0.72	ppb
Iron	54-2	2772.42	2765.97	2752.83	2763.74	0.36	ppb
Krypton	83-1						cps

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

LB134003
S03
S03
2024-12-18 13:40:11

Operator :
Instrumnet Name :
Dilution Factor :
DataFile Name :

Jaswal
P7
1
007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	250.07	253.14	257.47	253.56	1.47	ppb
Lead	207-1	245.27	256.66	257.18	253.04	2.66	ppb
Lead	208-1	246.51	254.84	256.97	252.77	2.19	ppb
Lithium	6-1				104		%
Magnesium	24-2	5074.95	5099.68	5002.31	5058.98	1.00	ppb
Manganese	55-2	507.61	502.42	502.63	504.22	0.58	ppb
Molybdenum	94-1	498.29	517.35	501.56	505.73	2.02	ppb
Molybdenum	95-1	494.28	508.66	509.87	504.27	1.72	ppb
Molybdenum	96-1	490.38	514.11	512.45	505.65	2.62	ppb
Molybdenum	97-1	495.89	503.97	505.77	501.87	1.05	ppb
Molybdenum	98-1	489.69	512.17	511.29	504.38	2.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.90	52.01	51.98	51.96	0.12	ppb
Phosphorus	31-2	1028.82	1053.67	1035.78	1039.42	1.23	ppb
Potassium	39-2	2615.49	2615.92	2618.46	2616.63	0.06	ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				98		%
Scandium	45-2				95		%
Selenium	82-1	52.09	54.10	53.36	53.18	1.91	ppb
Selenium	77-2	57.49	53.40	52.66	54.51	4.77	ppb
Selenium	78-2	54.83	58.38	55.07	56.10	3.53	ppb
Silicon	28-1	67.20	75.39	73.10	71.89	5.87	ppb
Silver	107-1	54.20	56.19	55.76	55.38	1.89	ppb
Silver	109-1	54.20	56.08	55.62	55.30	1.77	ppb
Sodium	23-2	6498.97	6454.25	6403.56	6452.26	0.74	ppb
Strontium	86-1	1227.41	1273.28	1268.50	1256.40	2.01	ppb
Strontium	88-1	1263.73	1267.70	1291.86	1274.43	1.19	ppb
Sulfur	34-1	864.93	1056.82	1040.19	987.31	10.77	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	47.32	49.15	48.75	48.41	1.99	ppb
Thallium	205-1	47.50	48.50	48.75	48.25	1.37	ppb
Tin	118-1	51.49	53.42	52.65	52.52	1.85	ppb
Titanium	47-1	486.79	504.27	510.79	500.62	2.48	ppb

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

S03

Instrumnet Name :

P7

Client Sample ID :

S03

Dilution Factor :

1

Date & Time Acquired :

2024-12-18 13:40:11

DataFile Name :

007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	46.91	48.96	49.68	48.52	2.96	ppb
Vanadium	51-2	49.99	51.03	50.02	50.35	1.18	ppb
Yttrium	89-1				98		%
Yttrium	89-2				96		%
Zinc	66-2	510.48	521.66	516.13	516.09	1.08	ppb
Zirconium	90-1	48.23	50.12	50.25	49.53	2.28	ppb
Zirconium	91-1	48.68	50.98	50.98	50.21	2.64	ppb

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : S04 Instrumnet Name : P7
Client Sample ID : S04 Dilution Factor : 1
Date & Time Acquired : 2024-12-18 13:43:11 DataFile Name : 008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2503.13	2502.47	2490.98	2498.86	0.27	ppb
Antimony	121-1	126.98	131.96	129.78	129.57	1.93	ppb
Arsenic	75-2	132.26	130.82	131.37	131.48	0.55	ppb
Barium	135-1	632.24	648.14	642.88	641.08	1.26	ppb
Barium	137-1	625.47	651.07	653.98	643.50	2.44	ppb
Beryllium	9-1	122.71	129.88	126.93	126.50	2.85	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	132.21	135.86	134.39	134.15	1.37	ppb
Cadmium	106-1	132.40	135.78	139.06	135.75	2.45	ppb
Cadmium	111-1	130.39	133.80	135.04	133.08	1.81	ppb
Calcium	43-1	13171.95	13671.00	13436.67	13426.54	1.86	ppb
Calcium	44-1	12508.43	12881.14	12914.76	12768.11	1.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	127.84	127.61	127.53	127.66	0.13	ppb
Cobalt	59-2	128.30	128.68	127.97	128.31	0.28	ppb
Copper	63-2	1296.41	1315.62	1305.61	1305.88	0.74	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				100		%
Holmium	165-2				98		%
Indium	115-1				95		%
Indium	115-2				94		%
Iron	56-2	6634.93	6626.16	6649.89	6637.00	0.18	ppb
Iron	57-2	6781.46	6792.12	6718.75	6764.11	0.59	ppb
Iron	54-2	6730.00	6847.48	6805.87	6794.45	0.88	ppb
Krypton	83-1						cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : S04 Instrumnet Name : P7
Client Sample ID : S04 Dilution Factor : 1
Date & Time Acquired : 2024-12-18 13:43:11 DataFile Name : 008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	620.32	637.60	633.81	630.58	1.44	ppb
Lead	207-1	621.59	631.67	633.16	628.80	1.00	ppb
Lead	208-1	620.89	634.13	630.59	628.54	1.09	ppb
Lithium	6-1				103		%
Magnesium	24-2	12498.07	12597.36	12481.19	12525.54	0.50	ppb
Manganese	55-2	1277.12	1270.47	1275.91	1274.50	0.28	ppb
Molybdenum	94-1	1246.15	1270.06	1271.96	1262.72	1.14	ppb
Molybdenum	95-1	1243.99	1269.08	1260.89	1257.99	1.02	ppb
Molybdenum	96-1	1244.81	1278.91	1258.83	1260.85	1.36	ppb
Molybdenum	97-1	1241.25	1277.14	1248.26	1255.55	1.52	ppb
Molybdenum	98-1	1241.94	1268.96	1264.10	1258.33	1.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	129.22	129.81	128.46	129.17	0.52	ppb
Phosphorus	31-2	2631.32	2595.22	2611.23	2612.59	0.69	ppb
Potassium	39-2	6413.65	6444.09	6452.24	6436.66	0.32	ppb
Rhodium	103-1				94		%
Rhodium	103-2				91		%
Scandium	45-1				94		%
Scandium	45-2				89		%
Selenium	82-1	128.18	132.63	130.49	130.43	1.71	ppb
Selenium	77-2	136.29	130.09	132.41	132.93	2.36	ppb
Selenium	78-2	131.44	129.76	134.36	131.86	1.77	ppb
Silicon	28-1	136.08	152.37	141.17	143.21	5.82	ppb
Silver	107-1	133.29	138.49	138.59	136.79	2.22	ppb
Silver	109-1	132.26	136.95	136.76	135.32	1.96	ppb
Sodium	23-2	15950.85	16081.98	16002.06	16011.63	0.41	ppb
Strontium	86-1	3066.47	3182.48	3133.51	3127.49	1.86	ppb
Strontium	88-1	3110.20	3175.59	3191.46	3159.08	1.36	ppb
Sulfur	34-1	2362.23	2627.29	2375.64	2455.06	6.08	ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	119.22	120.99	120.86	120.36	0.82	ppb
Thallium	205-1	123.85	126.08	125.97	125.30	1.00	ppb
Tin	118-1	124.40	129.63	129.63	127.89	2.36	ppb
Titanium	47-1	1244.73	1274.02	1262.28	1260.35	1.17	ppb

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

S04

Instrumnet Name :

P7

Client Sample ID :

S04

Dilution Factor :

1

Date & Time Acquired :

2024-12-18 13:43:11

DataFile Name :

008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	119.30	122.73	122.11	121.38	1.50	ppb
Vanadium	51-2	124.79	126.93	125.44	125.72	0.87	ppb
Yttrium	89-1				95		%
Yttrium	89-2				92		%
Zinc	66-2	1288.90	1292.74	1292.14	1291.26	0.16	ppb
Zirconium	90-1	123.73	126.15	125.88	125.25	1.06	ppb
Zirconium	91-1	123.29	127.83	125.78	125.64	1.81	ppb

LB Number :LB134003Operator :Jaswal

Lab Sample ID :S05Instrumnet Name :P7

Client Sample ID :S05Dilution Factor :1

Date & Time Acquired :2024-12-18 13:59:44DataFile Name :013CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5206.76	5168.56	5097.25	5157.52	1.08	ppb
Antimony	121-1	258.12	261.51	260.14	259.92	0.66	ppb
Arsenic	75-2	258.19	259.27	257.58	258.35	0.33	ppb
Barium	135-1	1269.74	1292.99	1294.59	1285.78	1.08	ppb
Barium	137-1	1273.90	1285.21	1267.94	1275.68	0.69	ppb
Beryllium	9-1	253.61	252.69	254.78	253.70	0.41	ppb
Bismuth	209-1				97		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	261.77	266.73	263.64	264.05	0.95	ppb
Cadmium	106-1	262.15	263.70	261.87	262.57	0.37	ppb
Cadmium	111-1	258.50	262.55	263.29	261.45	0.98	ppb
Calcium	43-1	26561.16	26964.40	27495.93	27007.16	1.74	ppb
Calcium	44-1	25436.79	25782.36	26115.39	25778.18	1.32	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	260.10	257.92	258.30	258.77	0.45	ppb
Cobalt	59-2	260.36	256.24	257.03	257.87	0.85	ppb
Copper	63-2	2631.75	2602.79	2611.18	2615.24	0.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				99		%
Indium	115-1				90		%
Indium	115-2				91		%
Iron	56-2	13475.31	13268.17	13283.67	13342.39	0.86	ppb
Iron	57-2	13459.30	13267.31	13227.21	13317.94	0.93	ppb
Iron	54-2	13683.63	13381.85	13668.23	13577.90	1.25	ppb
Krypton	83-1						cps

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

LB134003
S05
S05
2024-12-18 13:59:44

Operator :
Instrumnet Name :
Dilution Factor :
DataFile Name :

Jaswal
P7
1
013CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1251.88	1281.26	1281.46	1271.53	1.34	ppb
Lead	207-1	1246.68	1283.43	1280.47	1270.20	1.61	ppb
Lead	208-1	1250.27	1281.40	1279.06	1270.24	1.36	ppb
Lithium	6-1				103		%
Magnesium	24-2	25471.72	24937.93	25247.60	25219.09	1.06	ppb
Manganese	55-2	2588.01	2552.65	2561.91	2567.52	0.71	ppb
Molybdenum	94-1	2498.21	2517.08	2539.43	2518.24	0.82	ppb
Molybdenum	95-1	2529.46	2540.89	2558.93	2543.09	0.58	ppb
Molybdenum	96-1	2525.47	2537.03	2539.26	2533.92	0.29	ppb
Molybdenum	97-1	2518.97	2551.28	2541.84	2537.36	0.65	ppb
Molybdenum	98-1	2510.60	2510.83	2527.58	2516.33	0.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	258.75	254.31	256.27	256.44	0.87	ppb
Phosphorus	31-2	5223.08	5177.79	5243.91	5214.93	0.65	ppb
Potassium	39-2	12802.80	12664.21	12670.20	12712.40	0.62	ppb
Rhodium	103-1				88		%
Rhodium	103-2				89		%
Scandium	45-1				87		%
Scandium	45-2				84		%
Selenium	82-1	259.48	261.55	264.05	261.69	0.87	ppb
Selenium	77-2	265.47	270.12	260.42	265.34	1.83	ppb
Selenium	78-2	263.81	272.96	265.82	267.53	1.80	ppb
Silicon	28-1	251.20	276.85	273.10	267.05	5.19	ppb
Silver	107-1	262.20	266.97	264.81	264.66	0.90	ppb
Silver	109-1	265.24	263.92	263.52	264.23	0.34	ppb
Sodium	23-2	32710.77	32115.02	32373.62	32399.80	0.92	ppb
Strontium	86-1	6231.01	6232.06	6246.46	6236.51	0.14	ppb
Strontium	88-1	6350.93	6383.75	6362.71	6365.80	0.26	ppb
Sulfur	34-1	4859.93	4955.45	4980.83	4932.07	1.29	ppb
Terbium	159-1				96		%
Terbium	159-2				98		%
Thallium	203-1	251.93	255.41	255.21	254.18	0.77	ppb
Thallium	205-1	249.94	255.09	254.33	253.12	1.10	ppb
Tin	118-1	262.27	261.75	261.47	261.83	0.16	ppb
Titanium	47-1	2547.04	2568.55	2584.27	2566.62	0.73	ppb

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

S05

Instrumnet Name :

P7

Client Sample ID :

S05

Dilution Factor :

1

Date & Time Acquired :

2024-12-18 13:59:44

DataFile Name :

013CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	242.81	253.53	249.54	248.63	2.18	ppb
Vanadium	51-2	251.85	249.31	251.99	251.05	0.60	ppb
Yttrium	89-1				89		%
Yttrium	89-2				88		%
Zinc	66-2	2651.75	2624.20	2632.24	2636.07	0.54	ppb
Zirconium	90-1	253.04	251.45	253.36	252.62	0.41	ppb
Zirconium	91-1	248.70	248.03	250.53	249.09	0.52	ppb

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : S06 Instrumnet Name : P7
Client Sample ID : S06 Dilution Factor : 1
Date & Time Acquired : 2024-12-18 14:02:27 DataFile Name : 014CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10131.78	10162.70	9895.43	10063.30	1.45	ppb
Antimony	121-1	499.64	508.35	505.81	504.60	0.89	ppb
Arsenic	75-2	508.53	510.92	514.02	511.16	0.54	ppb
Barium	135-1	2487.52	2539.66	2513.54	2513.57	1.04	ppb
Barium	137-1	2474.66	2542.95	2490.60	2502.74	1.43	ppb
Beryllium	9-1	479.75	496.49	496.36	490.87	1.96	ppb
Bismuth	209-1				97		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	500.86	512.42	509.80	507.69	1.19	ppb
Cadmium	106-1	508.58	515.06	512.53	512.06	0.64	ppb
Cadmium	111-1	503.39	512.14	516.62	510.72	1.32	ppb
Calcium	43-1	50476.52	51573.75	51013.33	51021.20	1.08	ppb
Calcium	44-1	49675.54	51007.81	51511.80	50731.72	1.87	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	499.87	503.23	506.13	503.08	0.62	ppb
Cobalt	59-2	508.11	502.67	505.00	505.26	0.54	ppb
Copper	63-2	5082.96	5094.96	5071.09	5083.00	0.23	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				97		%
Holmium	165-2				98		%
Indium	115-1				88		%
Indium	115-2				89		%
Iron	56-2	26303.90	26137.31	26078.33	26173.18	0.45	ppb
Iron	57-2	26249.01	26390.25	26094.03	26244.43	0.56	ppb
Iron	54-2	26707.11	26598.80	26444.83	26583.58	0.50	ppb
Krypton	83-1						cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : S06 Instrumnet Name : P7
Client Sample ID : S06 Dilution Factor : 1
Date & Time Acquired : 2024-12-18 14:02:27 DataFile Name : 014CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2483.18	2551.24	2534.20	2522.87	1.40	ppb
Lead	207-1	2473.22	2529.99	2546.52	2516.57	1.53	ppb
Lead	208-1	2469.38	2546.82	2545.30	2520.50	1.76	ppb
Lithium	6-1				102		%
Magnesium	24-2	49568.90	49241.79	49131.92	49314.20	0.46	ppb
Manganese	55-2	5107.47	5063.95	4997.44	5056.29	1.10	ppb
Molybdenum	94-1	4922.39	5075.60	5063.77	5020.59	1.70	ppb
Molybdenum	95-1	4932.73	5039.29	5033.59	5001.87	1.20	ppb
Molybdenum	96-1	4886.69	5033.49	5076.78	4998.99	1.99	ppb
Molybdenum	97-1	4896.26	5071.16	5082.76	5016.73	2.08	ppb
Molybdenum	98-1	4903.35	5062.26	5089.22	5018.28	2.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	497.56	498.25	494.66	496.82	0.38	ppb
Phosphorus	31-2	10178.45	10206.98	10113.27	10166.23	0.47	ppb
Potassium	39-2	25070.62	25286.97	25017.54	25125.05	0.57	ppb
Rhodium	103-1				87		%
Rhodium	103-2				87		%
Scandium	45-1				87		%
Scandium	45-2				83		%
Selenium	82-1	498.05	515.32	514.33	509.23	1.90	ppb
Selenium	77-2	508.22	531.41	497.61	512.41	3.37	ppb
Selenium	78-2	514.32	506.32	517.94	512.86	1.16	ppb
Silicon	28-1	498.44	509.17	521.08	509.56	2.22	ppb
Silver	107-1	505.52	510.96	508.61	508.37	0.54	ppb
Silver	109-1	507.76	510.88	511.43	510.02	0.39	ppb
Sodium	23-2	63857.68	63018.20	62842.15	63239.34	0.86	ppb
Strontium	86-1	12502.32	12843.63	12776.81	12707.59	1.42	ppb
Strontium	88-1	12342.11	12739.34	12679.55	12587.00	1.70	ppb
Sulfur	34-1	9463.88	9548.38	9677.11	9563.13	1.12	ppb
Terbium	159-1				96		%
Terbium	159-2				98		%
Thallium	203-1	493.20	505.61	503.78	500.87	1.34	ppb
Thallium	205-1	494.75	505.32	502.96	501.01	1.11	ppb
Tin	118-1	497.77	507.23	504.88	503.29	0.98	ppb
Titanium	47-1	4916.62	5029.28	5046.65	4997.51	1.41	ppb

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

S06

Instrumnet Name :

P7

Client Sample ID :

S06

Dilution Factor :

1

Date & Time Acquired :

2024-12-18 14:02:27

DataFile Name :

014CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	486.72	497.53	502.46	495.57	1.62	ppb
Vanadium	51-2	506.57	508.07	500.92	505.19	0.75	ppb
Yttrium	89-1				88		%
Yttrium	89-2				87		%
Zinc	66-2	5137.25	5127.12	5109.59	5124.65	0.27	ppb
Zirconium	90-1	489.43	511.45	505.64	502.17	2.27	ppb
Zirconium	91-1	489.78	510.56	499.47	499.94	2.08	ppb

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

S07

Instrumnet Name :

P7

Client Sample ID :

S07

Dilution Factor :

1

Date & Time Acquired :

2024-12-18 14:05:13

DataFile Name :

015CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19522.81	19923.25	19576.90	19674.32	1.10	ppb
Antimony	121-1	987.27	1006.11	990.30	994.56	1.02	ppb
Arsenic	75-2	992.19	985.97	995.90	991.36	0.51	ppb
Barium	135-1	4948.19	5046.79	4951.23	4982.07	1.13	ppb
Barium	137-1	4941.48	5062.13	4964.87	4989.49	1.28	ppb
Beryllium	9-1	989.92	997.35	1023.02	1003.43	1.73	ppb
Bismuth	209-1				96		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	983.37	1005.63	984.80	991.26	1.26	ppb
Cadmium	106-1	983.26	999.84	984.45	989.18	0.93	ppb
Cadmium	111-1	987.62	988.45	995.53	990.53	0.44	ppb
Calcium	43-1	100193.93	103012.25	102606.71	101937.63	1.49	ppb
Calcium	44-1	98797.54	102403.57	100989.47	100730.20	1.80	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	982.60	1002.75	1002.23	995.86	1.15	ppb
Cobalt	59-2	979.84	997.08	1007.76	994.89	1.42	ppb
Copper	63-2	9882.63	9969.42	9911.92	9921.32	0.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				100		%
Indium	115-1				87		%
Indium	115-2				87		%
Iron	56-2	51424.57	51910.29	52126.85	51820.57	0.69	ppb
Iron	57-2	50889.07	51306.49	51324.81	51173.46	0.48	ppb
Iron	54-2	52390.06	52250.27	52703.42	52447.91	0.44	ppb
Krypton	83-1						cps

LB Number :LB134003Operator :Jaswal

Lab Sample ID :S07Instrumnet Name :P7

Client Sample ID :S07Dilution Factor :1

Date & Time Acquired :2024-12-18 14:05:13DataFile Name :015CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4863.16	5035.65	5048.11	4982.30	2.07	ppb
Lead	207-1	4914.94	5015.32	5027.85	4986.04	1.24	ppb
Lead	208-1	4910.78	5000.11	5041.44	4984.11	1.34	ppb
Lithium	6-1				100		%
Magnesium	24-2	96067.46	97746.66	97015.73	96943.29	0.87	ppb
Manganese	55-2	9923.52	9966.70	9964.88	9951.70	0.25	ppb
Molybdenum	94-1	9797.57	10108.43	10043.81	9983.27	1.64	ppb
Molybdenum	95-1	9797.56	10118.84	10044.83	9987.08	1.68	ppb
Molybdenum	96-1	9825.61	10126.56	10018.99	9990.39	1.53	ppb
Molybdenum	97-1	9800.69	10143.43	10000.40	9981.51	1.72	ppb
Molybdenum	98-1	9767.98	10166.75	10021.82	9985.52	2.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	993.52	1005.60	998.96	999.36	0.61	ppb
Phosphorus	31-2	19806.87	19869.96	19864.50	19847.11	0.18	ppb
Potassium	39-2	49661.45	50322.84	49538.35	49840.88	0.85	ppb
Rhodium	103-1				84		%
Rhodium	103-2				86		%
Scandium	45-1				85		%
Scandium	45-2				83		%
Selenium	82-1	973.03	1006.66	995.16	991.62	1.72	ppb
Selenium	77-2	987.92	974.79	1003.51	988.74	1.45	ppb
Selenium	78-2	988.72	969.48	1005.86	988.02	1.84	ppb
Silicon	28-1	950.08	1008.66	1003.29	987.35	3.28	ppb
Silver	107-1	986.75	994.91	989.56	990.41	0.42	ppb
Silver	109-1	982.83	1001.57	985.23	989.88	1.03	ppb
Sodium	23-2	124194.55	126504.90	124855.56	125185.00	0.95	ppb
Strontium	86-1	24220.47	25296.91	25179.46	24898.95	2.37	ppb
Strontium	88-1	24407.02	25072.04	25287.14	24922.07	1.84	ppb
Sulfur	34-1	18755.09	21210.74	20759.19	20241.67	6.46	ppb
Terbium	159-1				96		%
Terbium	159-2				99		%
Thallium	203-1	989.16	1004.52	1003.87	999.18	0.87	ppb
Thallium	205-1	984.04	1004.30	1007.96	998.77	1.29	ppb
Tin	118-1	984.28	998.55	1001.89	994.91	0.94	ppb
Titanium	47-1	9802.76	10068.46	10078.56	9983.26	1.57	ppb

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

S07

Instrumnet Name :

P7

Client Sample ID :

S07

Dilution Factor :

1

Date & Time Acquired :

2024-12-18 14:05:13

DataFile Name :

015CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	989.92	1006.61	1012.73	1003.09	1.18	ppb
Vanadium	51-2	990.36	1001.66	999.08	997.03	0.59	ppb
Yttrium	89-1				88		%
Yttrium	89-2				88		%
Zinc	66-2	9794.22	9965.60	9933.26	9897.69	0.92	ppb
Zirconium	90-1	979.62	1009.07	1006.06	998.25	1.62	ppb
Zirconium	91-1	988.67	1013.46	998.39	1000.17	1.25	ppb

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

S08

Instrumnet Name :

P7

Client Sample ID :

S08

Dilution Factor :

1

Date & Time Acquired :

2024-12-18 14:07:57

DataFile Name :

016CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100096.51	99522.50	100533.83	100050.95	0.51	ppb
Antimony	121-1	0.64	0.54	0.47	0.55	15.14	ppb
Arsenic	75-2	0.52	0.52	0.51	0.52	1.65	ppb
Barium	135-1	2.79	2.44	2.15	2.46	12.97	ppb
Barium	137-1	2.73	2.39	2.10	2.41	13.00	ppb
Beryllium	9-1	0.42	0.32	0.25	0.33	25.21	ppb
Bismuth	209-1				88		%
Bismuth	209-2				88		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.49	0.56	0.39	0.48	18.32	ppb
Cadmium	106-1	-0.20	-0.03	-0.63	-0.28		ppb
Cadmium	111-1	0.24	0.20	0.14	0.19	26.77	ppb
Calcium	43-1	494281.74	505771.28	498095.76	499382.93	1.17	ppb
Calcium	44-1	494420.82	507308.23	497472.93	499733.99	1.35	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.55	1.16	1.25	1.32	15.46	ppb
Cobalt	59-2	2.53	2.55	2.59	2.56	1.13	ppb
Copper	63-2	1.41	1.30	1.29	1.33	5.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				98		%
Indium	115-1				84		%
Indium	115-2				88		%
Iron	56-2	250524.04	247637.06	250234.87	249465.32	0.64	ppb
Iron	57-2	249922.95	249165.46	249666.48	249584.96	0.15	ppb
Iron	54-2	250711.46	246971.65	250162.63	249281.91	0.81	ppb
Krypton	83-1						cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : S08 Instrumnet Name : P7
Client Sample ID : S08 Dilution Factor : 1
Date & Time Acquired : 2024-12-18 14:07:57 DataFile Name : 016CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.50	1.16	0.84	1.17	28.41	ppb
Lead	207-1	1.46	1.17	0.82	1.15	27.83	ppb
Lead	208-1	1.48	1.17	0.81	1.15	28.99	ppb
Lithium	6-1				97		%
Magnesium	24-2	497325.35	502033.71	502644.00	500667.69	0.58	ppb
Manganese	55-2	4.29	4.09	4.11	4.16	2.60	ppb
Molybdenum	94-1	3.85	3.18	2.48	3.17	21.61	ppb
Molybdenum	95-1	2.92	2.23	1.62	2.26	28.67	ppb
Molybdenum	96-1	4.38	3.79	3.24	3.80	14.92	ppb
Molybdenum	97-1	2.90	2.21	1.51	2.21	31.36	ppb
Molybdenum	98-1	2.80	2.15	1.47	2.14	30.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.45	2.58	2.63	2.55	3.70	ppb
Phosphorus	31-2	-9.83	-16.07	-10.39	-12.10		ppb
Potassium	39-2	251174.05	249220.47	249613.64	250002.72	0.41	ppb
Rhodium	103-1				79		%
Rhodium	103-2				81		%
Scandium	45-1				85		%
Scandium	45-2				87		%
Selenium	82-1	1.21	0.89	0.65	0.92	30.96	ppb
Selenium	77-2	0.39	0.10	0.24	0.24	58.94	ppb
Selenium	78-2	0.60	-0.64	0.83	0.26	299.92	ppb
Silicon	28-1	-19.36	-22.36	-25.05	-22.26		ppb
Silver	107-1	0.35	0.26	0.17	0.26	34.00	ppb
Silver	109-1	0.33	0.25	0.17	0.25	30.99	ppb
Sodium	23-2	493256.09	491822.28	494421.45	493166.60	0.26	ppb
Strontium	86-1	74.95	74.30	71.52	73.59	2.47	ppb
Strontium	88-1	75.45	76.33	74.58	75.45	1.16	ppb
Sulfur	34-1	-691.75	-569.23	-525.17	-595.39		ppb
Terbium	159-1				95		%
Terbium	159-2				96		%
Thallium	203-1	0.26	0.19	0.11	0.19	39.08	ppb
Thallium	205-1	0.28	0.19	0.11	0.19	43.92	ppb
Tin	118-1	0.31	0.26	0.18	0.25	24.61	ppb
Titanium	47-1	2.59	1.82	1.29	1.90	34.64	ppb

LB Number :LB134003

Operator :Jaswal

Lab Sample ID :S08

Instrumnet Name :P7

Client Sample ID :S08

Dilution Factor :1

Date & Time Acquired :2024-12-18 14:07:57

DataFile Name :016CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.24	0.17	0.10	0.17	41.04	ppb
Vanadium	51-2	0.19	0.16	0.15	0.16	12.76	ppb
Yttrium	89-1				86		%
Yttrium	89-2				89		%
Zinc	66-2	2.42	2.44	2.26	2.37	4.06	ppb
Zirconium	90-1	0.71	0.66	0.60	0.66	8.42	ppb
Zirconium	91-1	0.73	0.71	0.63	0.69	7.25	ppb

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

ICV002

Instrumnet Name :

P7

Client Sample ID :

ICV002

Dilution Factor :

1

Date & Time Acquired :

2024-12-18 14:28:06

DataFile Name :

019ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	470.54	473.01	473.13	472.23	0.31	ppb
Antimony	121-1	201.88	205.08	209.22	205.39	1.79	ppb
Arsenic	75-2	209.85	206.08	212.02	209.32	1.44	ppb
Barium	135-1	97.51	100.79	98.15	98.81	1.76	ppb
Barium	137-1	98.82	100.67	99.78	99.76	0.93	ppb
Beryllium	9-1	99.52	100.65	98.59	99.59	1.04	ppb
Bismuth	209-1				104		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	94.17	95.85	94.09	94.70	1.05	ppb
Cadmium	106-1	91.70	92.07	93.09	92.29	0.78	ppb
Cadmium	111-1	104.46	106.81	106.36	105.88	1.18	ppb
Calcium	43-1	2002.47	2018.32	2041.48	2020.76	0.97	ppb
Calcium	44-1	1989.71	1955.30	1942.45	1962.49	1.25	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	101.57	100.94	100.98	101.16	0.35	ppb
Cobalt	59-2	100.89	100.34	100.93	100.72	0.32	ppb
Copper	63-2	96.31	96.00	96.33	96.22	0.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				103		%
Indium	115-1				98		%
Indium	115-2				99		%
Iron	56-2	2059.79	2035.07	2034.07	2042.98	0.71	ppb
Iron	57-2	2081.18	2062.61	2053.20	2065.67	0.69	ppb
Iron	54-2	2167.22	2162.32	2158.82	2162.79	0.19	ppb
Krypton	83-1						cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : ICV002 Instrumnet Name : P7
Client Sample ID : ICV002 Dilution Factor : 1
Date & Time Acquired : 2024-12-18 14:28:06 DataFile Name : 019ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	200.12	199.32	194.95	198.13	1.41	ppb
Lead	207-1	192.15	189.09	189.97	190.40	0.83	ppb
Lead	208-1	195.42	193.52	192.13	193.69	0.85	ppb
Lithium	6-1				105		%
Magnesium	24-2	1121.72	1112.10	1122.14	1118.66	0.51	ppb
Manganese	55-2	98.28	98.00	98.29	98.19	0.17	ppb
Molybdenum	94-1	0.04	0.06	0.04	0.05	20.74	ppb
Molybdenum	95-1	0.03	0.03	0.02	0.03	7.67	ppb
Molybdenum	96-1	0.04	0.05	0.04	0.04	9.39	ppb
Molybdenum	97-1	0.02	0.03	0.01	0.02	38.57	ppb
Molybdenum	98-1	0.03	0.03	0.03	0.03	0.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	102.91	102.23	103.50	102.88	0.62	ppb
Phosphorus	31-2	-19.87	-17.04	-19.16	-18.69		ppb
Potassium	39-2	1949.67	1937.20	1950.55	1945.80	0.38	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				96		%
Scandium	45-2				96		%
Selenium	82-1	209.07	213.19	213.99	212.09	1.24	ppb
Selenium	77-2	218.49	205.08	214.44	212.67	3.23	ppb
Selenium	78-2	214.16	214.61	217.42	215.39	0.82	ppb
Silicon	28-1	-36.04	-34.04	-36.59	-35.55		ppb
Silver	107-1	51.04	52.66	51.60	51.77	1.59	ppb
Silver	109-1	50.74	51.61	51.71	51.35	1.04	ppb
Sodium	23-2	2435.84	2438.40	2412.18	2428.81	0.60	ppb
Strontium	86-1	5.43	5.56	6.48	5.83	9.77	ppb
Strontium	88-1	5.91	5.69	5.95	5.85	2.42	ppb
Sulfur	34-1	-389.49	-339.91	-374.48	-367.96		ppb
Terbium	159-1				101		%
Terbium	159-2				103		%
Thallium	203-1	194.68	197.27	189.67	193.87	1.99	ppb
Thallium	205-1	197.76	190.79	191.96	193.50	1.93	ppb
Tin	118-1	0.00	-0.01	-0.02	-0.01		ppb
Titanium	47-1	0.01	0.01	0.03	0.02	53.13	ppb

3

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

ICB002

Instrumnet Name :

P7

Client Sample ID :

ICB002

Dilution Factor :

1

Date & Time Acquired :

2024-12-18 14:31:14

DataFile Name :

020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.04	0.04	0.00	0.00		ppb
Antimony	121-1	0.10	0.09	0.08	0.09	7.43	ppb
Arsenic	75-2	0.04	0.01	0.02	0.02	43.63	ppb
Barium	135-1	0.01	0.01	0.01	0.01	33.64	ppb
Barium	137-1	0.01	0.01	0.02	0.01	22.00	ppb
Beryllium	9-1	0.07	0.05	0.05	0.05	20.71	ppb
Bismuth	209-1				103		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.08	-0.01	0.07	0.05	103.26	ppb
Cadmium	106-1	-0.31	-0.61	-0.19	-0.37		ppb
Cadmium	111-1	0.00	-0.03	0.00	-0.01		ppb
Calcium	43-1	-0.67	0.10	0.50	-0.02		ppb
Calcium	44-1	0.55	0.56	0.07	0.39	71.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.00	-0.01	0.00		ppb
Cobalt	59-2	0.02	0.01	0.01	0.01	38.69	ppb
Copper	63-2	0.04	0.04	0.02	0.03	30.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				103		%
Indium	115-1				99		%
Indium	115-2				101		%
Iron	56-2	0.29	0.24	0.21	0.25	16.33	ppb
Iron	57-2	-2.70	-1.95	-1.85	-2.17		ppb
Iron	54-2	0.33	0.82	0.46	0.54	47.04	ppb
Krypton	83-1						cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : ICB002 Instrumnet Name : P7
Client Sample ID : ICB002 Dilution Factor : 1
Date & Time Acquired : 2024-12-18 14:31:14 DataFile Name : 020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.06	0.06	0.06	0.06	3.75	ppb
Lead	207-1	0.06	0.06	0.04	0.05	12.26	ppb
Lead	208-1	0.06	0.05	0.05	0.05	7.84	ppb
Lithium	6-1				107		%
Magnesium	24-2	0.74	0.76	0.88	0.79	9.32	ppb
Manganese	55-2	-0.03	-0.04	-0.04	-0.03		ppb
Molybdenum	94-1	0.03	0.01	0.03	0.02	65.21	ppb
Molybdenum	95-1	0.01	0.00	0.01	0.01	52.00	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	290.68	ppb
Molybdenum	98-1	0.01	0.00	0.01	0.01	48.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.00	0.01	0.00	233.05	ppb
Phosphorus	31-2	-13.18	-18.36	-16.91	-16.15		ppb
Potassium	39-2	-0.39	0.01	-1.03	-0.47		ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				97		%
Scandium	45-2				96		%
Selenium	82-1	-0.02	-0.18	-0.06	-0.09		ppb
Selenium	77-2	0.09	-0.04	-0.04	0.00	8838.21	ppb
Selenium	78-2	-0.22	-0.38	1.30	0.23	396.95	ppb
Silicon	28-1	-37.48	-35.93	-35.35	-36.25		ppb
Silver	107-1	0.04	0.03	0.02	0.03	27.08	ppb
Silver	109-1	0.03	0.02	0.02	0.02	20.82	ppb
Sodium	23-2	12.18	11.90	11.84	11.97	1.51	ppb
Strontium	86-1	-0.06	0.05	-0.44	-0.15		ppb
Strontium	88-1	0.03	0.02	0.02	0.02	15.54	ppb
Sulfur	34-1	-456.40	-472.14	-433.08	-453.87		ppb
Terbium	159-1				101		%
Terbium	159-2				104		%
Thallium	203-1	0.05	0.04	0.04	0.04	12.22	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	6.82	ppb
Tin	118-1	0.00	-0.01	-0.02	-0.01		ppb
Titanium	47-1	0.01	-0.01	-0.02	-0.01		ppb

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

ICB002

Instrumnet Name :

P7

Client Sample ID :

ICB002

Dilution Factor :

1

Date & Time Acquired :

2024-12-18 14:31:14

DataFile Name :

020CCBE.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	0.01	0.01	0.01	40.15	ppb
Yttrium	89-1				97		%
Yttrium	89-2				98		%
Zinc	66-2	0.11	0.16	0.12	0.13	17.98	ppb
Zirconium	90-1	0.01	0.00	0.00	0.01	79.91	ppb
Zirconium	91-1	0.01	0.01	0.00	0.01	43.82	ppb

LB Number :LB134003Operator :Jaswal

Lab Sample ID :ICSA002Instrumnet Name :P7

Client Sample ID :ICSA002Dilution Factor :1

Date & Time Acquired :2024-12-18 14:48:29DataFile Name :024ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	90849.98	90962.37	90706.14	90839.50	0.14	ppb
Antimony	121-1	1.12	1.10	1.10	1.11	1.43	ppb
Arsenic	75-2	0.32	0.32	0.32	0.32	0.71	ppb
Barium	135-1	1.42	1.35	1.41	1.39	2.60	ppb
Barium	137-1	1.43	1.43	1.41	1.42	0.49	ppb
Beryllium	9-1	0.34	0.26	0.30	0.30	12.77	ppb
Bismuth	209-1				99		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	8.37	8.14	8.40	8.30	1.74	ppb
Cadmium	106-1	-1.92	-1.69	-2.02	-1.88		ppb
Cadmium	111-1	0.23	0.21	0.13	0.19	28.93	ppb
Calcium	43-1	104811.09	98306.11	100644.46	101253.88	3.25	ppb
Calcium	44-1	104088.78	98572.49	98949.00	100536.76	3.07	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	20.11	20.12	19.97	20.07	0.43	ppb
Cobalt	59-2	1.26	1.23	1.27	1.25	1.60	ppb
Copper	63-2	7.21	7.13	7.19	7.18	0.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				104		%
Indium	115-1				94		%
Indium	115-2				93		%
Iron	56-2	102515.69	103235.01	102293.46	102681.39	0.48	ppb
Iron	57-2	102264.91	102688.94	101933.76	102295.87	0.37	ppb
Iron	54-2	102930.56	103683.46	102792.00	103135.34	0.47	ppb
Krypton	83-1						cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : ICSA002 Instrumnet Name : P7
Client Sample ID : ICSA002 Dilution Factor : 1
Date & Time Acquired : 2024-12-18 14:48:29 DataFile Name : 024ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	5.09	4.59	4.70	4.79	5.44	ppb
Lead	207-1	4.55	4.12	4.23	4.30	5.26	ppb
Lead	208-1	4.76	4.32	4.32	4.47	5.74	ppb
Lithium	6-1				97		%
Magnesium	24-2	95061.94	94973.63	94574.45	94870.01	0.27	ppb
Manganese	55-2	7.78	7.83	7.76	7.79	0.45	ppb
Molybdenum	94-1	1659.32	1575.48	1597.08	1610.63	2.70	ppb
Molybdenum	95-1	2019.57	1928.11	1952.90	1966.86	2.40	ppb
Molybdenum	96-1	2012.43	1899.97	1911.22	1941.21	3.19	ppb
Molybdenum	97-1	2044.35	1935.45	1932.87	1970.89	3.23	ppb
Molybdenum	98-1	2033.11	1932.64	1935.39	1967.05	2.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.34	5.54	5.32	5.40	2.26	ppb
Phosphorus	31-2	99661.35	99972.66	97864.60	99166.21	1.15	ppb
Potassium	39-2	96756.65	97308.13	96621.38	96895.38	0.38	ppb
Rhodium	103-1				89		%
Rhodium	103-2				91		%
Scandium	45-1				90		%
Scandium	45-2				88		%
Selenium	82-1	0.31	0.20	0.00	0.17	91.66	ppb
Selenium	77-2	0.37	0.37	0.23	0.32	25.04	ppb
Selenium	78-2	-0.38	0.44	-0.02	0.02	2655.09	ppb
Silicon	28-1	-19.46	-25.30	-24.91	-23.22		ppb
Silver	107-1	0.08	0.05	0.04	0.06	38.92	ppb
Silver	109-1	0.07	0.04	0.04	0.05	32.35	ppb
Sodium	23-2	122562.13	122320.40	122111.14	122331.22	0.18	ppb
Strontium	86-1	886.73	836.73	835.92	853.13	3.41	ppb
Strontium	88-1	881.08	836.19	839.90	852.39	2.92	ppb
Sulfur	34-1	101624.72	96068.18	98355.45	98682.78	2.83	ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	0.09	0.10	0.09	0.09	7.64	ppb
Thallium	205-1	0.09	0.09	0.10	0.09	5.29	ppb
Tin	118-1	0.22	0.17	0.14	0.18	22.12	ppb
Titanium	47-1	2062.54	1976.43	1980.17	2006.38	2.43	ppb

3

LB Number :LB134003Operator :Jaswal

Lab Sample ID :ICSAB002Instrumnet Name :P7

Client Sample ID :ICSAB002Dilution Factor :1

Date & Time Acquired :2024-12-18 14:58:31DataFile Name :027ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91702.40	91773.76	100465.91	94647.36	5.32	ppb
Antimony	121-1	20.80	21.71	21.18	21.23	2.15	ppb
Arsenic	75-2	20.96	20.97	22.31	21.41	3.60	ppb
Barium	135-1	21.00	21.60	21.59	21.40	1.62	ppb
Barium	137-1	21.14	21.87	21.46	21.49	1.70	ppb
Beryllium	9-1	19.77	19.96	19.99	19.91	0.61	ppb
Bismuth	209-1				102		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	26.59	26.38	24.94	25.97	3.46	ppb
Cadmium	106-1	14.82	16.72	16.20	15.91	6.16	ppb
Cadmium	111-1	19.76	20.27	20.32	20.12	1.54	ppb
Calcium	43-1	100037.24	101779.02	103819.54	101878.60	1.86	ppb
Calcium	44-1	99777.42	100639.11	102449.68	100955.41	1.35	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	40.79	40.25	44.17	41.74	5.10	ppb
Cobalt	59-2	21.55	21.43	23.55	22.18	5.37	ppb
Copper	63-2	26.13	26.33	28.70	27.05	5.30	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				106		%
Holmium	165-2				102		%
Indium	115-1				97		%
Indium	115-2				93		%
Iron	56-2	103743.87	103190.90	112473.75	106469.51	4.89	ppb
Iron	57-2	102575.22	102519.75	111906.53	105667.17	5.11	ppb
Iron	54-2	105000.58	103720.45	113559.50	107426.84	4.98	ppb
Krypton	83-1						cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : ICSAB002 Instrumnet Name : P7
Client Sample ID : ICSAB002 Dilution Factor : 1
Date & Time Acquired : 2024-12-18 14:58:31 DataFile Name : 027ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	25.07	25.39	25.00	25.15	0.84	ppb
Lead	207-1	23.58	23.68	23.73	23.66	0.33	ppb
Lead	208-1	24.09	24.24	24.03	24.12	0.44	ppb
Lithium	6-1				101		%
Magnesium	24-2	96199.64	95407.68	104769.57	98792.30	5.26	ppb
Manganese	55-2	28.13	28.01	30.44	28.86	4.75	ppb
Molybdenum	94-1	1601.15	1601.17	1606.37	1602.90	0.19	ppb
Molybdenum	95-1	1951.88	1953.95	1954.58	1953.47	0.07	ppb
Molybdenum	96-1	1915.40	1927.10	1932.95	1925.15	0.46	ppb
Molybdenum	97-1	1943.02	1936.99	1957.31	1945.77	0.54	ppb
Molybdenum	98-1	1932.97	1936.27	1969.49	1946.24	1.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.28	25.42	27.27	25.99	4.27	ppb
Phosphorus	31-2	100851.70	98670.17	109274.08	102931.98	5.44	ppb
Potassium	39-2	97843.49	97524.63	107088.77	100818.96	5.39	ppb
Rhodium	103-1				92		%
Rhodium	103-2				91		%
Scandium	45-1				92		%
Scandium	45-2				88		%
Selenium	82-1	20.44	21.03	20.42	20.63	1.67	ppb
Selenium	77-2	19.32	22.16	22.27	21.25	7.89	ppb
Selenium	78-2	20.05	20.00	22.80	20.95	7.65	ppb
Silicon	28-1	-19.19	-15.67	-14.17	-16.34		ppb
Silver	107-1	18.79	19.52	19.25	19.18	1.92	ppb
Silver	109-1	18.80	19.26	19.09	19.05	1.23	ppb
Sodium	23-2	123428.51	123785.98	133643.69	126952.72	4.57	ppb
Strontium	86-1	842.51	854.47	858.19	851.72	0.96	ppb
Strontium	88-1	843.64	849.70	860.30	851.21	0.99	ppb
Sulfur	34-1	97897.28	98177.53	100029.28	98701.37	1.17	ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	19.92	20.20	20.10	20.07	0.70	ppb
Thallium	205-1	19.92	20.02	20.02	19.99	0.29	ppb
Tin	118-1	0.22	0.18	0.15	0.18	17.49	ppb
Titanium	47-1	1989.45	2016.29	2040.82	2015.52	1.27	ppb

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

ICSAB002

Instrumnet Name :

P7

Client Sample ID :

ICSAB002

Dilution Factor :

1

Date & Time Acquired :

2024-12-18 14:58:31

DataFile Name :

027ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.03	0.04	0.04	0.04	7.93	ppb
Vanadium	51-2	20.04	20.00	21.63	20.55	4.53	ppb
Yttrium	89-1				97		%
Yttrium	89-2				93		%
Zinc	66-2	31.06	31.31	34.06	32.14	5.18	ppb
Zirconium	90-1	0.16	0.16	0.12	0.15	14.93	ppb
Zirconium	91-1	0.18	0.15	0.12	0.15	18.76	ppb

LB Number :LB134003Operator :Jaswal

Lab Sample ID :CCV011Instrumnet Name :P7

Client Sample ID :CCV011Dilution Factor :1

Date & Time Acquired :2024-12-18 15:01:32DataFile Name :028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50856.48	50650.88	50617.49	50708.29	0.26	ppb
Antimony	121-1	476.86	483.03	496.35	485.41	2.05	ppb
Arsenic	75-2	520.37	508.46	509.16	512.66	1.30	ppb
Barium	135-1	2433.41	2431.82	2506.80	2457.34	1.74	ppb
Barium	137-1	2408.16	2444.27	2504.12	2452.18	1.98	ppb
Beryllium	9-1	453.98	473.00	474.38	467.12	2.44	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	498.41	500.42	509.08	502.64	1.13	ppb
Cadmium	106-1	499.98	509.34	517.70	509.01	1.74	ppb
Cadmium	111-1	502.36	511.24	510.28	507.96	0.96	ppb
Calcium	43-1	254498.55	253894.80	255578.57	254657.31	0.33	ppb
Calcium	44-1	248598.22	252039.01	255095.87	251911.03	1.29	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	500.11	499.45	495.38	498.31	0.51	ppb
Cobalt	59-2	485.36	494.33	491.36	490.35	0.93	ppb
Copper	63-2	4944.11	4933.34	4932.09	4936.51	0.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				105		%
Indium	115-1				97		%
Indium	115-2				93		%
Iron	56-2	129993.51	129026.17	129997.81	129672.50	0.43	ppb
Iron	57-2	128722.13	129067.29	129382.34	129057.25	0.26	ppb
Iron	54-2	130131.89	129518.46	129537.25	129729.20	0.27	ppb
Krypton	83-1						cps

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

CCV011

Instrumnet Name :

P7

Client Sample ID :

CCV011

Dilution Factor :

1

Date & Time Acquired :

2024-12-18 15:01:32

DataFile Name :

028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2442.86	2551.50	2532.76	2509.04	2.31	ppb
Lead	207-1	2442.03	2519.96	2523.32	2495.10	1.84	ppb
Lead	208-1	2450.08	2530.83	2534.54	2505.15	1.91	ppb
Lithium	6-1				100		%
Magnesium	24-2	247171.46	246165.68	248017.64	247118.26	0.38	ppb
Manganese	55-2	4906.16	4915.71	4948.85	4923.57	0.46	ppb
Molybdenum	94-1	4759.42	4952.35	5005.44	4905.74	2.64	ppb
Molybdenum	95-1	4775.11	4955.60	5033.09	4921.26	2.69	ppb
Molybdenum	96-1	4773.49	4979.79	5037.89	4930.39	2.82	ppb
Molybdenum	97-1	4745.96	4973.00	5029.84	4916.27	3.06	ppb
Molybdenum	98-1	4762.15	4917.98	4991.37	4890.50	2.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	469.41	467.65	465.33	467.46	0.44	ppb
Phosphorus	31-2	9848.54	9781.26	9837.76	9822.52	0.37	ppb
Potassium	39-2	125220.27	125115.81	124141.53	124825.87	0.48	ppb
Rhodium	103-1				92		%
Rhodium	103-2				90		%
Scandium	45-1				95		%
Scandium	45-2				91		%
Selenium	82-1	491.06	504.84	510.51	502.14	1.99	ppb
Selenium	77-2	520.89	495.94	498.20	505.01	2.73	ppb
Selenium	78-2	518.07	501.54	506.37	508.66	1.67	ppb
Silicon	28-1	471.80	492.05	499.08	487.64	2.90	ppb
Silver	107-1	492.08	496.96	511.33	500.13	2.00	ppb
Silver	109-1	497.30	499.38	508.29	501.66	1.16	ppb
Sodium	23-2	316594.76	314136.11	314353.92	315028.27	0.43	ppb
Strontium	86-1	12049.82	12533.77	12541.52	12375.03	2.28	ppb
Strontium	88-1	12143.04	12399.31	12643.81	12395.39	2.02	ppb
Sulfur	34-1	8540.50	8593.05	8622.33	8585.29	0.48	ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	494.36	511.39	506.54	504.09	1.74	ppb
Thallium	205-1	489.54	513.95	510.75	504.75	2.63	ppb
Tin	118-1	482.39	490.12	498.39	490.30	1.63	ppb
Titanium	47-1	4849.23	4980.61	4911.03	4913.63	1.34	ppb

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

CCV011

Instrumnet Name :

P7

Client Sample ID :

CCV011

Dilution Factor :

1

Date & Time Acquired :

2024-12-18 15:01:32

DataFile Name :

028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	501.39	523.97	518.79	514.72	2.30	ppb
Vanadium	51-2	498.36	500.23	506.92	501.84	0.90	ppb
Yttrium	89-1				99		%
Yttrium	89-2				96		%
Zinc	66-2	4827.04	4852.73	4892.22	4857.33	0.68	ppb
Zirconium	90-1	484.65	499.84	503.28	495.93	2.00	ppb
Zirconium	91-1	482.43	497.92	506.54	495.63	2.46	ppb

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

CCB011

Instrumnet Name :

P7

Client Sample ID :

CCB011

Dilution Factor :

1

Date & Time Acquired :

2024-12-18 15:04:16

DataFile Name :

029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.52	3.34	3.39	3.42	2.67	ppb
Antimony	121-1	0.24	0.22	0.19	0.21	11.20	ppb
Arsenic	75-2	0.03	0.04	0.06	0.04	29.29	ppb
Barium	135-1	0.23	0.18	0.19	0.20	12.01	ppb
Barium	137-1	0.22	0.21	0.18	0.20	10.73	ppb
Beryllium	9-1	0.14	0.09	0.10	0.11	25.98	ppb
Bismuth	209-1				111		%
Bismuth	209-2				110		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.09	0.12	0.06	0.09	32.14	ppb
Cadmium	106-1	0.18	-0.59	-1.32	-0.57		ppb
Cadmium	111-1	0.09	0.02	-0.05	0.02	335.50	ppb
Calcium	43-1	25.90	22.75	20.30	22.98	12.22	ppb
Calcium	44-1	25.80	23.65	22.33	23.93	7.31	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.25	0.21	0.23	0.23	6.95	ppb
Cobalt	59-2	0.03	0.04	0.04	0.04	6.60	ppb
Copper	63-2	0.47	0.42	0.45	0.45	5.93	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				108		%
Holmium	165-2				106		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	11.07	10.64	10.42	10.71	3.07	ppb
Iron	57-2	8.48	7.14	7.67	7.77	8.68	ppb
Iron	54-2	11.83	10.85	11.58	11.42	4.44	ppb
Krypton	83-1						cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : CCB011 Instrumnet Name : P7
Client Sample ID : CCB011 Dilution Factor : 1
Date & Time Acquired : 2024-12-18 15:04:16 DataFile Name : 029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.38	0.38	0.34	0.37	5.97	ppb
Lead	207-1	0.36	0.36	0.33	0.35	5.72	ppb
Lead	208-1	0.38	0.37	0.34	0.36	4.86	ppb
Lithium	6-1				105		%
Magnesium	24-2	17.18	16.48	16.72	16.79	2.10	ppb
Manganese	55-2	0.35	0.38	0.39	0.38	4.84	ppb
Molybdenum	94-1	0.58	0.55	0.47	0.53	10.32	ppb
Molybdenum	95-1	0.57	0.51	0.47	0.52	9.72	ppb
Molybdenum	96-1	0.57	0.51	0.44	0.51	12.20	ppb
Molybdenum	97-1	0.58	0.53	0.46	0.52	11.74	ppb
Molybdenum	98-1	0.57	0.53	0.46	0.52	10.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.17	0.14	0.12	0.14	15.78	ppb
Phosphorus	31-2	-13.63	-16.84	-15.95	-15.48		ppb
Potassium	39-2	22.66	19.24	19.50	20.47	9.30	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				97		%
Scandium	45-2				93		%
Selenium	82-1	-0.13	0.10	-0.03	-0.02		ppb
Selenium	77-2	0.48	-0.04	-0.04	0.13	229.11	ppb
Selenium	78-2	-0.16	-0.58	-0.63	-0.46		ppb
Silicon	28-1	-42.37	-38.29	-38.20	-39.62		ppb
Silver	107-1	0.11	0.10	0.08	0.10	14.42	ppb
Silver	109-1	0.11	0.10	0.08	0.09	13.04	ppb
Sodium	23-2	75.75	72.67	72.15	73.52	2.64	ppb
Strontium	86-1	1.03	1.21	1.05	1.09	9.14	ppb
Strontium	88-1	1.40	1.15	1.11	1.22	12.69	ppb
Sulfur	34-1	-792.87	-530.07	-559.36	-627.44		ppb
Terbium	159-1				108		%
Terbium	159-2				107		%
Thallium	203-1	0.14	0.14	0.13	0.14	3.98	ppb
Thallium	205-1	0.15	0.15	0.13	0.14	6.51	ppb
Tin	118-1	0.05	0.04	0.07	0.05	29.11	ppb
Titanium	47-1	0.50	0.45	0.45	0.47	6.20	ppb

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

CCB011

Instrumnet Name :

P7

Client Sample ID :

CCB011

Dilution Factor :

1

Date & Time Acquired :

2024-12-18 15:04:16

DataFile Name :

029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.04	0.04	0.03	0.04	12.41	ppb
Vanadium	51-2	0.03	0.03	0.02	0.03	20.53	ppb
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	0.48	0.41	0.31	0.40	21.57	ppb
Zirconium	90-1	0.06	0.06	0.06	0.06	5.43	ppb
Zirconium	91-1	0.06	0.06	0.05	0.06	14.72	ppb

LB Number :LB134003Operator :Jaswal

Lab Sample ID :PB165601BLInstrumnet Name :P7

Client Sample ID :PBS601Dilution Factor :1

Date & Time Acquired :2024-12-18 15:07:31DataFile Name :030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12.97	1.73	1.44	5.38	122.31	ppb
Antimony	121-1	0.07	0.07	0.07	0.07	4.84	ppb
Arsenic	75-2	0.17	0.00	0.01	0.06	168.58	ppb
Barium	135-1	0.05	0.05	0.06	0.05	10.57	ppb
Barium	137-1	0.06	0.07	0.07	0.06	3.25	ppb
Beryllium	9-1	0.07	0.05	0.07	0.06	14.36	ppb
Bismuth	209-1				108		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.06	0.03	0.03	0.04	53.76	ppb
Cadmium	106-1	-0.24	-0.79	-0.56	-0.53		ppb
Cadmium	111-1	0.01	-0.03	-0.02	-0.01		ppb
Calcium	43-1	7.47	5.45	5.80	6.24	17.34	ppb
Calcium	44-1	6.60	5.96	5.60	6.05	8.34	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.20	0.19	0.18	0.19	5.38	ppb
Cobalt	59-2	0.08	0.02	0.02	0.04	95.70	ppb
Copper	63-2	2.22	0.23	0.20	0.88	131.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				106		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	56-2	12.04	5.13	5.04	7.41	54.20	ppb
Iron	57-2	19.24	1.23	2.06	7.51	135.46	ppb
Iron	54-2	11.12	6.35	5.40	7.62	40.26	ppb
Krypton	83-1						cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : PB165601BL Instrumnet Name : P7
Client Sample ID : PBS601 Dilution Factor : 1
Date & Time Acquired : 2024-12-18 15:07:31 DataFile Name : 030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.20	0.18	0.20	0.19	5.87	ppb
Lead	207-1	0.20	0.19	0.19	0.19	3.95	ppb
Lead	208-1	0.19	0.19	0.19	0.19	1.70	ppb
Lithium	6-1				105		%
Magnesium	24-2	21.82	6.73	6.64	11.73	74.48	ppb
Manganese	55-2	0.28	0.18	0.18	0.21	26.21	ppb
Molybdenum	94-1	0.19	0.25	0.18	0.21	16.73	ppb
Molybdenum	95-1	0.18	0.18	0.16	0.17	7.33	ppb
Molybdenum	96-1	0.18	0.17	0.17	0.17	1.34	ppb
Molybdenum	97-1	0.15	0.23	0.17	0.18	22.80	ppb
Molybdenum	98-1	0.16	0.17	0.16	0.16	2.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.25	0.15	0.16	0.19	28.92	ppb
Phosphorus	31-2	-9.14	-16.35	-18.48	-14.65		ppb
Potassium	39-2	19.47	9.08	9.45	12.67	46.57	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				97		%
Scandium	45-2				94		%
Selenium	82-1	0.04	-0.03	-0.22	-0.07		ppb
Selenium	77-2	0.09	-0.04	0.09	0.04	169.55	ppb
Selenium	78-2	-0.33	-0.21	-0.47	-0.34		ppb
Silicon	28-1	-41.57	-42.59	-38.97	-41.04		ppb
Silver	107-1	0.03	0.03	0.03	0.03	12.21	ppb
Silver	109-1	0.03	0.03	0.03	0.03	2.06	ppb
Sodium	23-2	73.27	37.13	36.51	48.97	42.98	ppb
Strontium	86-1	0.53	0.57	0.54	0.55	3.53	ppb
Strontium	88-1	0.30	0.34	0.30	0.31	6.29	ppb
Sulfur	34-1	-584.81	-580.09	-421.64	-528.85		ppb
Terbium	159-1				106		%
Terbium	159-2				106		%
Thallium	203-1	0.09	0.08	0.09	0.09	6.74	ppb
Thallium	205-1	0.09	0.09	0.09	0.09	3.40	ppb
Tin	118-1	0.01	0.02	0.01	0.01	22.56	ppb
Titanium	47-1	0.12	0.14	0.12	0.13	9.64	ppb

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

PB165601BL

Instrumnet Name :

P7

Client Sample ID :

PBS601

Dilution Factor :

1

Date & Time Acquired :

2024-12-18 15:07:31

DataFile Name :

030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.01	0.01	0.01	16.23	ppb
Vanadium	51-2	0.02	0.01	0.01	0.01	73.15	ppb
Yttrium	89-1				99		%
Yttrium	89-2				99		%
Zinc	66-2	2.15	0.12	0.16	0.81	143.36	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	19.36	ppb
Zirconium	91-1	0.02	0.01	0.02	0.02	26.61	ppb

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

PB165601BS

Instrumnet Name :

P7

Client Sample ID :

LCS601

Dilution Factor :

1

Date & Time Acquired :

2024-12-18 15:10:48

DataFile Name :

031LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36.80	36.33	37.75	36.96	1.96	ppb
Antimony	121-1	3.79	3.87	3.86	3.84	1.15	ppb
Arsenic	75-2	2.02	2.17	2.17	2.12	4.10	ppb
Barium	135-1	18.12	18.44	18.78	18.45	1.80	ppb
Barium	137-1	18.56	18.66	18.63	18.62	0.26	ppb
Beryllium	9-1	1.84	2.02	1.87	1.91	5.22	ppb
Bismuth	209-1				107		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.09	1.89	2.31	2.10	10.07	ppb
Cadmium	106-1	1.59	1.79	1.14	1.50	22.19	ppb
Cadmium	111-1	1.90	2.02	1.93	1.95	3.27	ppb
Calcium	43-1	1010.28	993.32	975.32	992.97	1.76	ppb
Calcium	44-1	979.21	992.54	974.65	982.13	0.95	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.89	3.94	3.92	3.92	0.71	ppb
Cobalt	59-2	1.96	1.98	1.96	1.97	0.57	ppb
Copper	63-2	4.07	4.04	4.06	4.06	0.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				105		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	56-2	403.44	402.70	403.68	403.28	0.13	ppb
Iron	57-2	408.17	404.71	409.02	407.30	0.56	ppb
Iron	54-2	416.42	420.08	415.91	417.47	0.54	ppb
Krypton	83-1						cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : PB165601BS Instrumnet Name : P7
Client Sample ID : LCS601 Dilution Factor : 1
Date & Time Acquired : 2024-12-18 15:10:48 DataFile Name : 031LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.94	1.96	1.92	1.94	1.04	ppb
Lead	207-1	1.92	1.92	1.91	1.92	0.27	ppb
Lead	208-1	1.92	1.93	1.92	1.92	0.40	ppb
Lithium	6-1				105		%
Magnesium	24-2	900.53	901.65	905.98	902.72	0.32	ppb
Manganese	55-2	2.00	2.03	1.91	1.98	3.05	ppb
Molybdenum	94-1	10.92	11.01	10.81	10.91	0.92	ppb
Molybdenum	95-1	9.33	9.16	9.33	9.27	1.07	ppb
Molybdenum	96-1	9.30	9.59	9.37	9.42	1.65	ppb
Molybdenum	97-1	9.29	9.30	9.33	9.31	0.19	ppb
Molybdenum	98-1	9.36	9.30	9.20	9.29	0.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.11	2.14	2.11	2.12	0.84	ppb
Phosphorus	31-2	31.22	27.08	29.25	29.18	7.10	ppb
Potassium	39-2	978.03	991.60	982.08	983.90	0.71	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				97		%
Scandium	45-2				95		%
Selenium	82-1	9.89	9.43	9.78	9.70	2.51	ppb
Selenium	77-2	11.47	8.98	7.79	9.41	19.94	ppb
Selenium	78-2	10.74	8.99	9.88	9.87	8.89	ppb
Silicon	28-1	-19.41	-16.78	-18.84	-18.34		ppb
Silver	107-1	1.93	1.95	2.01	1.96	2.06	ppb
Silver	109-1	1.88	1.95	1.99	1.94	2.98	ppb
Sodium	23-2	1146.48	1150.75	1156.11	1151.11	0.42	ppb
Strontium	86-1	48.42	47.98	46.88	47.76	1.66	ppb
Strontium	88-1	46.78	47.14	46.87	46.93	0.40	ppb
Sulfur	34-1	-427.12	-364.33	-473.26	-421.57		ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	1.91	1.87	1.83	1.87	2.20	ppb
Thallium	205-1	1.85	1.86	1.85	1.85	0.38	ppb
Tin	118-1	9.57	9.73	9.84	9.71	1.42	ppb
Titanium	47-1	2.32	2.30	2.22	2.28	2.38	ppb

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

PB165601BS

Instrumnet Name :

P7

Client Sample ID :

LCS601

Dilution Factor :

1

Date & Time Acquired :

2024-12-18 15:10:48

DataFile Name :

031LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.68	1.69	1.68	1.68	0.26	ppb
Vanadium	51-2	9.60	9.68	9.81	9.70	1.09	ppb
Yttrium	89-1				99		%
Yttrium	89-2				98		%
Zinc	66-2	9.65	9.96	9.86	9.82	1.61	ppb
Zirconium	90-1	1.83	1.87	1.84	1.85	1.29	ppb
Zirconium	91-1	1.89	1.89	1.83	1.87	1.74	ppb

LB Number :LB134003Operator :Jaswal

Lab Sample ID :PB165601BSDInstrumnet Name :P7

Client Sample ID :LCSD601Dilution Factor :1

Date & Time Acquired :2024-12-18 15:14:02DataFile Name :032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.10	19.40	19.34	19.28	0.82	ppb
Antimony	121-1	1.99	2.02	2.07	2.03	2.14	ppb
Arsenic	75-2	0.99	0.95	1.01	0.98	3.29	ppb
Barium	135-1	9.45	9.79	9.93	9.72	2.51	ppb
Barium	137-1	9.57	9.78	9.94	9.76	1.87	ppb
Beryllium	9-1	1.00	1.07	1.18	1.08	8.27	ppb
Bismuth	209-1				106		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.97	1.15	1.15	1.09	9.69	ppb
Cadmium	106-1	0.64	1.10	0.58	0.77	37.07	ppb
Cadmium	111-1	0.99	1.07	1.06	1.04	4.13	ppb
Calcium	43-1	510.45	534.26	532.30	525.67	2.51	ppb
Calcium	44-1	509.47	529.27	524.19	520.98	1.97	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.16	2.19	2.17	2.17	0.70	ppb
Cobalt	59-2	1.05	1.02	1.08	1.05	2.92	ppb
Copper	63-2	2.17	2.20	2.15	2.17	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				105		%
Holmium	165-2				104		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	56-2	213.70	217.06	217.21	215.99	0.92	ppb
Iron	57-2	209.51	213.18	212.32	211.67	0.91	ppb
Iron	54-2	217.99	220.14	222.14	220.09	0.94	ppb
Krypton	83-1						cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : PB165601BSD Instrumnet Name : P7
Client Sample ID : LCSD601 Dilution Factor : 1
Date & Time Acquired : 2024-12-18 15:14:02 DataFile Name : 032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.09	1.07	1.05	1.07	1.92	ppb
Lead	207-1	1.04	1.03	1.04	1.03	0.33	ppb
Lead	208-1	1.05	1.05	1.04	1.05	0.81	ppb
Lithium	6-1				103		%
Magnesium	24-2	476.77	480.96	478.71	478.81	0.44	ppb
Manganese	55-2	1.04	1.05	1.07	1.05	1.32	ppb
Molybdenum	94-1	5.72	5.74	5.75	5.74	0.26	ppb
Molybdenum	95-1	4.81	4.91	4.94	4.88	1.42	ppb
Molybdenum	96-1	4.82	4.81	4.99	4.87	2.14	ppb
Molybdenum	97-1	4.76	4.90	4.81	4.82	1.48	ppb
Molybdenum	98-1	4.85	4.87	4.87	4.86	0.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.08	1.17	1.13	1.13	4.10	ppb
Phosphorus	31-2	3.49	11.93	2.07	5.83	91.46	ppb
Potassium	39-2	521.03	520.93	524.17	522.05	0.35	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				97		%
Scandium	45-2				96		%
Selenium	82-1	4.80	4.81	5.12	4.91	3.69	ppb
Selenium	77-2	4.69	5.29	6.40	5.46	15.84	ppb
Selenium	78-2	5.88	5.52	4.99	5.46	8.20	ppb
Silicon	28-1	-28.20	-24.50	-24.92	-25.87		ppb
Silver	107-1	1.02	1.02	1.05	1.03	1.55	ppb
Silver	109-1	1.00	1.04	1.03	1.02	2.29	ppb
Sodium	23-2	612.16	617.60	613.31	614.36	0.47	ppb
Strontium	86-1	25.06	24.46	24.43	24.65	1.43	ppb
Strontium	88-1	24.59	24.83	25.01	24.81	0.85	ppb
Sulfur	34-1	-537.25	-444.04	-413.15	-464.81		ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	1.02	1.03	1.01	1.02	1.07	ppb
Thallium	205-1	0.99	1.02	1.01	1.01	1.44	ppb
Tin	118-1	4.97	5.24	5.17	5.13	2.72	ppb
Titanium	47-1	1.20	1.18	1.21	1.20	1.33	ppb

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

PB165601BSD

Instrumnet Name :

P7

Client Sample ID :

LCSD601

Dilution Factor :

1

Date & Time Acquired :

2024-12-18 15:14:02

DataFile Name :

032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.88	0.89	0.89	0.89	0.68	ppb
Vanadium	51-2	5.09	5.16	5.09	5.11	0.85	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	5.08	5.42	5.42	5.30	3.69	ppb
Zirconium	90-1	0.96	0.97	1.00	0.98	1.93	ppb
Zirconium	91-1	0.96	1.04	0.96	0.99	4.24	ppb

LB Number :LB134003Operator :Jaswal

Lab Sample ID :PB165617BLInstrumnet Name :P7

Client Sample ID :PBS617Dilution Factor :1

Date & Time Acquired :2024-12-18 15:17:20DataFile Name :033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.30	-0.21	-0.12	-0.21		ppb
Antimony	121-1	0.01	0.01	0.01	0.01	8.40	ppb
Arsenic	75-2	0.00	-0.01	0.01	0.00	845.31	ppb
Barium	135-1	0.00	0.00	0.00	0.00	617.11	ppb
Barium	137-1	0.01	0.01	0.01	0.01	26.02	ppb
Beryllium	9-1	0.04	0.03	0.03	0.03	10.48	ppb
Bismuth	209-1				106		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.06	0.03	0.03	0.04	53.69	ppb
Cadmium	106-1	-0.34	-0.92	-0.60	-0.62		ppb
Cadmium	111-1	-0.02	-0.07	-0.04	-0.04		ppb
Calcium	43-1	-0.73	-1.03	-1.75	-1.17		ppb
Calcium	44-1	-0.68	-0.61	-0.74	-0.67		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.18	0.17	0.16	0.17	7.40	ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	4.46	ppb
Copper	63-2	0.08	0.08	0.06	0.07	13.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	1.07	1.18	1.07	1.10	5.79	ppb
Iron	57-2	-0.60	-1.20	-1.13	-0.98		ppb
Iron	54-2	0.99	1.39	1.12	1.17	17.73	ppb
Krypton	83-1						cps

LB Number :LB134003Operator :Jaswal

Lab Sample ID :PB165617BLInstrumnet Name :P7

Client Sample ID :PBS617Dilution Factor :1

Date & Time Acquired :2024-12-18 15:17:20DataFile Name :033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.08	0.07	0.07	0.07	11.81	ppb
Lead	207-1	0.08	0.09	0.08	0.08	7.19	ppb
Lead	208-1	0.08	0.08	0.07	0.08	3.79	ppb
Lithium	6-1				104		%
Magnesium	24-2	0.83	0.82	0.67	0.77	11.79	ppb
Manganese	55-2	0.04	0.04	0.01	0.03	48.05	ppb
Molybdenum	94-1	0.05	0.03	0.03	0.04	25.48	ppb
Molybdenum	95-1	0.02	0.01	0.02	0.02	32.55	ppb
Molybdenum	96-1	0.01	0.01	0.01	0.01	20.79	ppb
Molybdenum	97-1	0.02	0.01	0.02	0.02	36.84	ppb
Molybdenum	98-1	0.01	0.01	0.01	0.01	12.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.14	0.17	0.15	0.15	12.00	ppb
Phosphorus	31-2	-19.11	-18.51	-19.75	-19.13		ppb
Potassium	39-2	3.78	5.24	2.32	3.78	38.60	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				97		%
Scandium	45-2				96		%
Selenium	82-1	-0.25	0.04	-0.31	-0.17		ppb
Selenium	77-2	-0.04	0.21	-0.04	0.04	343.46	ppb
Selenium	78-2	0.56	0.20	0.86	0.54	62.03	ppb
Silicon	28-1	-36.82	-34.83	-33.62	-35.09		ppb
Silver	107-1	0.01	0.01	0.01	0.01	23.58	ppb
Silver	109-1	0.01	0.01	0.01	0.01	25.35	ppb
Sodium	23-2	16.80	17.13	15.95	16.63	3.65	ppb
Strontium	86-1	-0.12	-0.01	0.13	0.00		ppb
Strontium	88-1	-0.01	0.02	0.00	0.00	740.92	ppb
Sulfur	34-1	-497.90	-400.61	-420.48	-439.67		ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	0.07	0.07	0.06	0.07	6.97	ppb
Thallium	205-1	0.07	0.06	0.07	0.07	1.89	ppb
Tin	118-1	0.01	-0.01	0.00	0.00		ppb
Titanium	47-1	0.00	0.00	-0.01	0.00		ppb

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

PB165617BL

Instrumnet Name :

P7

Client Sample ID :

PBS617

Dilution Factor :

1

Date & Time Acquired :

2024-12-18 15:17:20

DataFile Name :

033CCBE.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	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	0.00	-0.04	0.00	-0.02		ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	9.15	ppb
Zirconium	91-1	0.00	0.01	0.00	0.00	36.89	ppb

LB Number :LB134003Operator :Jaswal

Lab Sample ID :PB165617BSInstrumnet Name :P7

Client Sample ID :LCS617Dilution Factor :1

Date & Time Acquired :2024-12-18 15:20:35DataFile Name :034LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38.26	37.31	37.83	37.80	1.26	ppb
Antimony	121-1	3.95	4.07	3.99	4.00	1.45	ppb
Arsenic	75-2	2.12	2.35	2.32	2.26	5.47	ppb
Barium	135-1	18.95	18.74	19.27	18.99	1.40	ppb
Barium	137-1	18.90	19.50	19.37	19.26	1.63	ppb
Beryllium	9-1	1.92	1.96	1.92	1.93	1.23	ppb
Bismuth	209-1				107		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.93	2.02	2.29	2.08	9.02	ppb
Cadmium	106-1	2.10	1.11	1.36	1.52	33.83	ppb
Cadmium	111-1	2.14	2.01	2.07	2.07	3.23	ppb
Calcium	43-1	1020.66	1014.15	1027.71	1020.84	0.66	ppb
Calcium	44-1	1012.58	1026.25	1028.79	1022.54	0.85	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.05	4.00	4.07	4.04	0.93	ppb
Cobalt	59-2	2.06	2.04	2.01	2.04	1.40	ppb
Copper	63-2	4.13	4.21	4.24	4.20	1.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				105		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	56-2	414.70	412.25	414.48	413.81	0.33	ppb
Iron	57-2	416.10	415.43	415.00	415.51	0.13	ppb
Iron	54-2	427.34	428.38	427.13	427.61	0.16	ppb
Krypton	83-1						cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : PB165617BS Instrumnet Name : P7
Client Sample ID : LCS617 Dilution Factor : 1
Date & Time Acquired : 2024-12-18 15:20:35 DataFile Name : 034LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.95	1.93	1.97	1.95	1.12	ppb
Lead	207-1	1.89	1.93	1.92	1.91	0.92	ppb
Lead	208-1	1.91	1.94	1.94	1.93	0.89	ppb
Lithium	6-1				103		%
Magnesium	24-2	921.57	921.90	925.14	922.87	0.21	ppb
Manganese	55-2	1.98	2.06	1.99	2.01	2.36	ppb
Molybdenum	94-1	11.13	11.37	11.28	11.26	1.06	ppb
Molybdenum	95-1	9.43	9.47	9.55	9.48	0.68	ppb
Molybdenum	96-1	9.47	9.71	9.75	9.64	1.55	ppb
Molybdenum	97-1	9.42	9.58	9.73	9.58	1.64	ppb
Molybdenum	98-1	9.41	9.51	9.58	9.50	0.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.17	2.13	2.05	2.12	2.92	ppb
Phosphorus	31-2	21.80	26.78	35.41	28.00	24.59	ppb
Potassium	39-2	1004.87	1005.11	1019.87	1009.95	0.85	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	82-1	10.19	10.39	10.07	10.22	1.57	ppb
Selenium	77-2	10.80	9.84	8.07	9.57	14.49	ppb
Selenium	78-2	9.25	10.19	10.58	10.01	6.82	ppb
Silicon	28-1	-14.15	-13.48	-12.55	-13.39		ppb
Silver	107-1	1.96	2.03	2.03	2.01	2.03	ppb
Silver	109-1	1.96	2.06	2.05	2.02	2.60	ppb
Sodium	23-2	1165.51	1167.87	1173.44	1168.94	0.35	ppb
Strontium	86-1	47.99	48.69	48.22	48.30	0.74	ppb
Strontium	88-1	47.71	49.14	48.31	48.38	1.48	ppb
Sulfur	34-1	-448.19	-450.45	-424.03	-440.89		ppb
Terbium	159-1				106		%
Terbium	159-2				106		%
Thallium	203-1	1.86	1.87	1.89	1.87	0.89	ppb
Thallium	205-1	1.90	1.89	1.91	1.90	0.51	ppb
Tin	118-1	9.89	10.04	10.11	10.01	1.12	ppb
Titanium	47-1	2.39	2.39	2.44	2.41	1.33	ppb

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

PB165617BS

Instrumnet Name :

P7

Client Sample ID :

LCS617

Dilution Factor :

1

Date & Time Acquired :

2024-12-18 15:20:35

DataFile Name :

034LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.74	1.73	1.77	1.74	1.14	ppb
Vanadium	51-2	9.79	9.95	9.94	9.90	0.90	ppb
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	10.17	10.26	10.09	10.17	0.80	ppb
Zirconium	90-1	1.87	1.95	1.89	1.90	2.10	ppb
Zirconium	91-1	1.83	2.04	1.89	1.92	5.43	ppb

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

PB165617BSD

Instrumnet Name :

P7

Client Sample ID :

LCSD617

Dilution Factor :

1

Date & Time Acquired :

2024-12-18 15:23:52

DataFile Name :

035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	26.51	29.28	72.42	42.74	60.23	ppb
Antimony	121-1	2.02	2.11	2.08	2.07	2.28	ppb
Arsenic	75-2	1.11	1.24	1.44	1.26	13.32	ppb
Barium	135-1	9.72	9.96	9.86	9.85	1.19	ppb
Barium	137-1	9.87	10.28	10.11	10.09	2.06	ppb
Beryllium	9-1	1.06	1.10	1.03	1.06	3.64	ppb
Bismuth	209-1				108		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.82	1.19	1.10	1.04	18.57	ppb
Cadmium	106-1	0.99	1.22	0.56	0.92	36.18	ppb
Cadmium	111-1	1.08	1.10	1.09	1.09	0.89	ppb
Calcium	43-1	529.19	550.99	537.26	539.15	2.04	ppb
Calcium	44-1	534.56	547.64	532.27	538.16	1.54	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.16	2.54	3.04	2.58	17.10	ppb
Cobalt	59-2	1.08	1.16	1.46	1.23	16.28	ppb
Copper	63-2	2.22	2.47	3.28	2.66	20.91	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				95		%
Indium	115-1				105		%
Indium	115-2				91		%
Iron	56-2	223.12	247.05	322.72	264.30	19.67	ppb
Iron	57-2	217.32	249.69	317.74	261.58	19.59	ppb
Iron	54-2	228.25	254.31	341.19	274.58	21.54	ppb
Krypton	83-1						cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : PB165617BSD Instrumnet Name : P7
Client Sample ID : LCSD617 Dilution Factor : 1
Date & Time Acquired : 2024-12-18 15:23:52 DataFile Name : 035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.07	1.11	1.05	1.08	2.94	ppb
Lead	207-1	1.06	1.06	1.04	1.05	0.81	ppb
Lead	208-1	1.06	1.07	1.04	1.06	1.70	ppb
Lithium	6-1				103		%
Magnesium	24-2	469.38	522.31	746.11	579.26	25.36	ppb
Manganese	55-2	1.41	1.57	2.11	1.70	21.67	ppb
Molybdenum	94-1	5.74	5.71	5.88	5.78	1.53	ppb
Molybdenum	95-1	4.89	4.92	4.91	4.91	0.30	ppb
Molybdenum	96-1	4.97	4.96	4.96	4.97	0.15	ppb
Molybdenum	97-1	4.79	4.96	4.91	4.89	1.77	ppb
Molybdenum	98-1	4.82	4.91	4.89	4.87	0.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.22	1.45	1.80	1.49	19.58	ppb
Phosphorus	31-2	10.20	10.70	48.71	23.20	95.22	ppb
Potassium	39-2	520.48	587.47	794.75	634.23	22.55	ppb
Rhodium	103-1				103		%
Rhodium	103-2				92		%
Scandium	45-1				101		%
Scandium	45-2				88		%
Selenium	82-1	5.25	5.25	4.84	5.11	4.68	ppb
Selenium	77-2	5.10	6.53	6.76	6.13	14.68	ppb
Selenium	78-2	4.67	7.57	9.79	7.34	34.96	ppb
Silicon	28-1	-24.38	-21.75	-26.03	-24.05		ppb
Silver	107-1	1.01	1.06	1.04	1.04	2.57	ppb
Silver	109-1	1.03	1.08	1.08	1.06	2.85	ppb
Sodium	23-2	600.34	668.56	935.01	734.64	24.07	ppb
Strontium	86-1	25.81	26.71	24.83	25.78	3.65	ppb
Strontium	88-1	25.57	25.60	25.64	25.60	0.13	ppb
Sulfur	34-1	-443.23	-347.24	-432.36	-407.61		ppb
Terbium	159-1				106		%
Terbium	159-2				94		%
Thallium	203-1	1.00	1.04	1.01	1.02	2.17	ppb
Thallium	205-1	1.00	1.03	1.02	1.02	1.02	ppb
Tin	118-1	5.17	5.28	5.21	5.22	1.02	ppb
Titanium	47-1	1.32	1.48	1.28	1.36	7.83	ppb

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

PB165617BSD

Instrumnet Name :

P7

Client Sample ID :

LCSD617

Dilution Factor :

1

Date & Time Acquired :

2024-12-18 15:23:52

DataFile Name :

035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.87	0.89	0.87	0.88	0.90	ppb
Vanadium	51-2	5.13	5.59	6.91	5.88	15.71	ppb
Yttrium	89-1				103		%
Yttrium	89-2				91		%
Zinc	66-2	8.78	9.13	12.00	9.97	17.72	ppb
Zirconium	90-1	0.96	0.98	1.00	0.98	2.04	ppb
Zirconium	91-1	0.97	0.97	1.01	0.98	2.08	ppb

LB Number :LB134003Operator :Jaswal

Lab Sample ID :PB165633BLInstrumnet Name :P7

Client Sample ID :PBS633Dilution Factor :1

Date & Time Acquired :2024-12-18 15:27:08DataFile Name :036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.26	-0.25	-0.17	-0.23		ppb
Antimony	121-1	0.01	0.01	0.01	0.01	25.30	ppb
Arsenic	75-2	-0.01	-0.01	-0.01	-0.01		ppb
Barium	135-1	0.00	-0.01	0.00	0.00		ppb
Barium	137-1	0.01	0.01	0.01	0.01	14.66	ppb
Beryllium	9-1	0.00	0.02	0.02	0.01	86.56	ppb
Bismuth	209-1				108		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.00	0.07	0.04	0.04	93.98	ppb
Cadmium	106-1	-0.22	-0.33	-0.23	-0.26		ppb
Cadmium	111-1	-0.02	-0.02	-0.01	-0.02		ppb
Calcium	43-1	-1.75	-2.26	-2.36	-2.12		ppb
Calcium	44-1	-1.16	-1.01	-1.32	-1.16		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.17	0.21	0.20	0.19	9.99	ppb
Cobalt	59-2	0.01	0.00	0.00	0.00	13.08	ppb
Copper	63-2	0.07	0.06	0.06	0.06	10.88	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				107		%
Holmium	165-2				106		%
Indium	115-1				106		%
Indium	115-2				104		%
Iron	56-2	1.06	0.98	1.04	1.03	3.78	ppb
Iron	57-2	-1.48	-0.99	-0.19	-0.89		ppb
Iron	54-2	1.58	1.75	1.24	1.52	17.21	ppb
Krypton	83-1						cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : PB165633BL Instrumnet Name : P7
Client Sample ID : PBS633 Dilution Factor : 1
Date & Time Acquired : 2024-12-18 15:27:08 DataFile Name : 036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.05	0.06	0.06	0.06	8.88	ppb
Lead	207-1	0.06	0.07	0.05	0.06	18.34	ppb
Lead	208-1	0.06	0.06	0.05	0.06	6.66	ppb
Lithium	6-1				105		%
Magnesium	24-2	0.63	0.64	0.82	0.70	15.33	ppb
Manganese	55-2	0.04	0.02	0.05	0.04	33.80	ppb
Molybdenum	94-1	0.03	0.03	0.02	0.02	21.00	ppb
Molybdenum	95-1	0.01	0.01	0.01	0.01	12.65	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	66.50	ppb
Molybdenum	97-1	0.00	0.01	0.00	0.00	93.81	ppb
Molybdenum	98-1	0.01	0.00	0.00	0.01	58.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.14	0.13	0.13	0.13	2.76	ppb
Phosphorus	31-2	-18.90	-18.53	-18.24	-18.55		ppb
Potassium	39-2	2.53	2.69	3.56	2.93	18.91	ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	82-1	-0.24	-0.18	-0.10	-0.17		ppb
Selenium	77-2	-0.04	-0.04	-0.04	-0.04		ppb
Selenium	78-2	0.37	0.97	-0.41	0.31	222.24	ppb
Silicon	28-1	-37.60	-35.14	-35.60	-36.11		ppb
Silver	107-1	0.01	0.01	0.01	0.01	5.71	ppb
Silver	109-1	0.01	0.01	0.01	0.01	23.77	ppb
Sodium	23-2	10.70	10.90	9.77	10.46	5.74	ppb
Strontium	86-1	-0.18	0.00	0.15	-0.01		ppb
Strontium	88-1	0.03	0.03	0.03	0.03	4.46	ppb
Sulfur	34-1	-415.61	-267.16	-376.76	-353.18		ppb
Terbium	159-1				108		%
Terbium	159-2				107		%
Thallium	203-1	0.06	0.06	0.06	0.06	5.63	ppb
Thallium	205-1	0.06	0.06	0.06	0.06	4.73	ppb
Tin	118-1	-0.02	0.00	0.00	0.00		ppb
Titanium	47-1	0.00	-0.03	0.01	-0.01		ppb

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

PB165633BL

Instrumnet Name :

P7

Client Sample ID :

PBS633

Dilution Factor :

1

Date & Time Acquired :

2024-12-18 15:27:08

DataFile Name :

036CCBE.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	0.00	0.00	0.00	0.00	298.00	ppb
Yttrium	89-1				105		%
Yttrium	89-2				103		%
Zinc	66-2	0.01	-0.04	-0.05	-0.03		ppb
Zirconium	90-1	0.00	0.01	0.01	0.00	29.57	ppb
Zirconium	91-1	0.00	0.01	0.00	0.00	78.33	ppb

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : PB165633BS Instrumnet Name : P7
Client Sample ID : LCS633 Dilution Factor : 1
Date & Time Acquired : 2024-12-18 15:30:26 DataFile Name : 037LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	43.68	37.69	37.95	39.77	8.52	ppb
Antimony	121-1	3.83	3.95	3.91	3.90	1.64	ppb
Arsenic	75-2	2.45	2.18	1.99	2.21	10.43	ppb
Barium	135-1	18.50	19.03	18.99	18.84	1.57	ppb
Barium	137-1	18.86	19.05	18.84	18.92	0.62	ppb
Beryllium	9-1	1.96	1.89	2.04	1.96	3.89	ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.33	2.09	2.04	2.16	7.12	ppb
Cadmium	106-1	2.21	2.76	2.18	2.38	13.77	ppb
Cadmium	111-1	2.15	2.22	2.21	2.19	1.72	ppb
Calcium	43-1	993.15	1003.37	1007.61	1001.38	0.74	ppb
Calcium	44-1	983.41	996.71	1002.94	994.35	1.00	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.49	3.99	3.95	4.14	7.19	ppb
Cobalt	59-2	2.30	2.00	2.01	2.10	8.29	ppb
Copper	63-2	4.60	4.09	4.08	4.26	7.09	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				107		%
Holmium	165-2				101		%
Indium	115-1				105		%
Indium	115-2				99		%
Iron	56-2	466.03	407.18	400.32	424.51	8.51	ppb
Iron	57-2	467.59	410.53	409.49	429.21	7.75	ppb
Iron	54-2	474.15	419.56	413.95	435.89	7.63	ppb
Krypton	83-1						cps

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	PB165633BS	Instrumnet Name :	P7
Client Sample ID :	LCS633	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 15:30:26	DataFile Name :	037LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.88	1.91	1.91	1.90	1.01	ppb
Lead	207-1	1.90	1.90	1.90	1.90	0.07	ppb
Lead	208-1	1.86	1.89	1.90	1.89	1.15	ppb
Lithium	6-1				105		%
Magnesium	24-2	1029.24	913.48	903.91	948.88	7.35	ppb
Manganese	55-2	2.20	2.04	2.03	2.09	4.40	ppb
Molybdenum	94-1	11.06	11.19	11.09	11.11	0.61	ppb
Molybdenum	95-1	9.39	9.25	9.40	9.35	0.89	ppb
Molybdenum	96-1	9.51	9.73	9.58	9.61	1.14	ppb
Molybdenum	97-1	9.31	9.40	9.39	9.37	0.49	ppb
Molybdenum	98-1	9.45	9.37	9.45	9.42	0.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.42	2.06	2.13	2.20	8.82	ppb
Phosphorus	31-2	40.26	29.16	29.34	32.92	19.31	ppb
Potassium	39-2	1146.13	999.60	996.26	1047.33	8.17	ppb
Rhodium	103-1				104		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				96		%
Selenium	82-1	9.84	10.33	9.88	10.02	2.70	ppb
Selenium	77-2	11.98	10.80	8.77	10.52	15.41	ppb
Selenium	78-2	12.94	10.48	10.44	11.29	12.71	ppb
Silicon	28-1	-16.22	-14.80	-15.33	-15.45		ppb
Silver	107-1	1.99	2.04	2.02	2.02	1.24	ppb
Silver	109-1	1.96	1.98	2.04	2.00	2.06	ppb
Sodium	23-2	1301.88	1145.70	1141.95	1196.51	7.63	ppb
Strontium	86-1	47.18	47.11	46.82	47.04	0.41	ppb
Strontium	88-1	47.93	47.38	48.10	47.80	0.79	ppb
Sulfur	34-1	-310.39	-217.71	-237.22	-255.11		ppb
Terbium	159-1				107		%
Terbium	159-2				101		%
Thallium	203-1	1.89	1.87	1.89	1.88	0.45	ppb
Thallium	205-1	1.84	1.89	1.90	1.87	1.82	ppb
Tin	118-1	9.91	10.06	9.81	9.93	1.28	ppb
Titanium	47-1	2.28	2.27	2.38	2.31	2.47	ppb

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

PB165633BS

Instrumnet Name :

P7

Client Sample ID :

LCS633

Dilution Factor :

1

Date & Time Acquired :

2024-12-18 15:30:26

DataFile Name :

037LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.68	1.68	1.72	1.69	1.40	ppb
Vanadium	51-2	11.12	9.79	9.76	10.22	7.63	ppb
Yttrium	89-1				103		%
Yttrium	89-2				98		%
Zinc	66-2	11.73	10.02	10.03	10.59	9.28	ppb
Zirconium	90-1	1.89	1.89	1.89	1.89	0.21	ppb
Zirconium	91-1	1.86	1.84	1.93	1.88	2.50	ppb

LB Number :LB134003Operator :Jaswal

Lab Sample ID :PB165633BSDInstrumnet Name :P7

Client Sample ID :LCSD563Dilution Factor :1

Date & Time Acquired :2024-12-18 15:33:40DataFile Name :038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.58	17.83	18.75	18.38	2.66	ppb
Antimony	121-1	1.93	1.89	1.93	1.92	1.31	ppb
Arsenic	75-2	1.02	1.00	0.94	0.98	4.27	ppb
Barium	135-1	9.12	9.29	9.39	9.27	1.47	ppb
Barium	137-1	9.23	9.37	9.39	9.33	0.94	ppb
Beryllium	9-1	0.88	0.92	0.94	0.91	3.04	ppb
Bismuth	209-1				105		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.02	1.05	0.97	1.01	3.95	ppb
Cadmium	106-1	0.72	-0.01	0.74	0.48	87.74	ppb
Cadmium	111-1	1.01	0.85	1.01	0.95	9.61	ppb
Calcium	43-1	486.66	504.99	496.78	496.14	1.85	ppb
Calcium	44-1	483.95	494.82	491.61	490.13	1.14	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.06	2.09	2.13	2.09	1.52	ppb
Cobalt	59-2	0.99	0.97	0.97	0.98	0.86	ppb
Copper	63-2	2.02	1.99	2.00	2.00	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				105		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	56-2	200.43	201.44	203.52	201.80	0.78	ppb
Iron	57-2	200.78	201.19	202.87	201.61	0.55	ppb
Iron	54-2	206.13	207.30	208.29	207.24	0.52	ppb
Krypton	83-1						cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : PB165633BSD Instrumnet Name : P7
Client Sample ID : LCSD563 Dilution Factor : 1
Date & Time Acquired : 2024-12-18 15:33:40 DataFile Name : 038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.97	0.95	1.00	0.97	2.53	ppb
Lead	207-1	0.96	0.99	0.96	0.97	1.91	ppb
Lead	208-1	0.95	0.96	0.97	0.96	0.99	ppb
Lithium	6-1				105		%
Magnesium	24-2	444.27	444.56	450.61	446.48	0.80	ppb
Manganese	55-2	0.97	0.98	0.99	0.98	0.81	ppb
Molybdenum	94-1	5.31	5.51	5.37	5.39	1.92	ppb
Molybdenum	95-1	4.49	4.66	4.58	4.58	1.86	ppb
Molybdenum	96-1	4.59	4.69	4.72	4.66	1.38	ppb
Molybdenum	97-1	4.51	4.62	4.63	4.59	1.39	ppb
Molybdenum	98-1	4.54	4.60	4.53	4.56	0.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.02	1.16	1.13	1.10	6.47	ppb
Phosphorus	31-2	11.25	4.32	3.51	6.36	66.92	ppb
Potassium	39-2	489.64	491.15	495.45	492.08	0.61	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	82-1	4.75	4.88	4.69	4.77	2.09	ppb
Selenium	77-2	5.74	5.35	5.70	5.60	3.87	ppb
Selenium	78-2	5.24	5.43	4.41	5.02	10.80	ppb
Silicon	28-1	-23.94	-24.08	-24.13	-24.05		ppb
Silver	107-1	0.99	0.99	1.00	1.00	0.78	ppb
Silver	109-1	0.96	1.00	1.00	0.99	2.43	ppb
Sodium	23-2	562.33	563.28	572.13	565.91	0.95	ppb
Strontium	86-1	23.11	24.10	22.92	23.38	2.72	ppb
Strontium	88-1	23.04	23.72	23.38	23.38	1.45	ppb
Sulfur	34-1	-334.85	-278.81	-287.61	-300.42		ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	0.94	0.95	0.96	0.95	1.18	ppb
Thallium	205-1	0.94	0.96	0.96	0.95	1.23	ppb
Tin	118-1	4.90	4.94	4.96	4.94	0.62	ppb
Titanium	47-1	1.09	1.15	1.02	1.09	6.08	ppb

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

PB165633BSD

Instrumnet Name :

P7

Client Sample ID :

LCSD563

Dilution Factor :

1

Date & Time Acquired :

2024-12-18 15:33:40

DataFile Name :

038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.83	0.83	0.87	0.84	2.52	ppb
Vanadium	51-2	4.74	4.77	4.85	4.79	1.20	ppb
Yttrium	89-1				103		%
Yttrium	89-2				102		%
Zinc	66-2	4.75	5.07	5.03	4.95	3.54	ppb
Zirconium	90-1	0.91	0.94	0.93	0.92	1.36	ppb
Zirconium	91-1	0.94	0.92	0.94	0.93	1.35	ppb

LB Number :LB134003Operator :Jaswal

Lab Sample ID :PB165635BLInstrumnet Name :P7

Client Sample ID :PBS635Dilution Factor :1

Date & Time Acquired :2024-12-18 15:36:58DataFile Name :039CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.10	-0.01	-0.01	-0.04		ppb
Antimony	121-1	0.00	0.00	0.01	0.01	30.58	ppb
Arsenic	75-2	0.00	-0.01	-0.01	0.00		ppb
Barium	135-1	0.00	0.00	0.00	0.00		ppb
Barium	137-1	0.01	0.00	0.01	0.01	53.16	ppb
Beryllium	9-1	0.03	0.02	0.01	0.02	42.45	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.06	0.04	0.04	0.05	27.66	ppb
Cadmium	106-1	-0.26	-0.51	-0.28	-0.35		ppb
Cadmium	111-1	-0.02	-0.04	-0.02	-0.03		ppb
Calcium	43-1	-1.62	-1.06	-2.04	-1.57		ppb
Calcium	44-1	-1.33	-1.80	-1.45	-1.53		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.18	0.16	0.21	0.18	12.52	ppb
Cobalt	59-2	0.00	0.01	0.01	0.00	46.80	ppb
Copper	63-2	0.06	0.06	0.05	0.06	10.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				103		%
Iron	56-2	1.01	0.86	0.92	0.93	8.28	ppb
Iron	57-2	-2.76	-0.29	-1.20	-1.42		ppb
Iron	54-2	0.77	1.46	1.38	1.21	31.30	ppb
Krypton	83-1						cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : PB165635BL Instrumnet Name : P7
Client Sample ID : PBS635 Dilution Factor : 1
Date & Time Acquired : 2024-12-18 15:36:58 DataFile Name : 039CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.04	0.04	0.04	0.04	3.78	ppb
Lead	207-1	0.04	0.04	0.04	0.04	10.44	ppb
Lead	208-1	0.04	0.04	0.04	0.04	4.41	ppb
Lithium	6-1				106		%
Magnesium	24-2	0.63	0.76	0.72	0.70	9.48	ppb
Manganese	55-2	0.06	0.02	0.03	0.04	50.74	ppb
Molybdenum	94-1	0.03	0.02	0.02	0.02	20.55	ppb
Molybdenum	95-1	0.01	0.01	0.01	0.01	14.30	ppb
Molybdenum	96-1	0.01	0.01	0.00	0.01	51.29	ppb
Molybdenum	97-1	0.01	0.00	0.01	0.01	31.95	ppb
Molybdenum	98-1	0.01	0.01	0.01	0.01	27.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.11	0.12	0.11	0.11	3.68	ppb
Phosphorus	31-2	-17.86	-17.57	-16.89	-17.44		ppb
Potassium	39-2	4.39	3.77	1.32	3.16	51.42	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	82-1	-0.27	-0.38	-0.21	-0.28		ppb
Selenium	77-2	0.08	-0.04	-0.04	0.00		ppb
Selenium	78-2	0.21	0.28	0.31	0.27	20.02	ppb
Silicon	28-1	-34.74	-33.85	-32.60	-33.73		ppb
Silver	107-1	0.01	0.00	0.00	0.00	62.21	ppb
Silver	109-1	0.01	0.01	0.01	0.01	13.88	ppb
Sodium	23-2	8.24	7.33	7.98	7.85	5.96	ppb
Strontium	86-1	-0.18	0.19	0.27	0.09	255.59	ppb
Strontium	88-1	-0.03	0.01	0.01	0.00		ppb
Sulfur	34-1	-385.45	-383.07	-337.86	-368.79		ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	0.05	0.05	0.06	0.05	2.12	ppb
Thallium	205-1	0.06	0.06	0.05	0.06	5.13	ppb
Tin	118-1	0.00	-0.01	0.00	0.00		ppb
Titanium	47-1	-0.01	0.00	-0.01	0.00		ppb

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : PB165635BL Instrumnet Name : P7
Client Sample ID : PBS635 Dilution Factor : 1
Date & Time Acquired : 2024-12-18 15:36:58 DataFile Name : 039CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	75.69	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	13944.17	ppb
Yttrium	89-1				103		%
Yttrium	89-2				102		%
Zinc	66-2	-0.04	-0.01	-0.06	-0.04		ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	30.68	ppb
Zirconium	91-1	0.01	0.00	0.01	0.01	43.87	ppb

LB Number :LB134003Operator :Jaswal

Lab Sample ID :PB165635BSInstrumnet Name :P7

Client Sample ID :LCS635Dilution Factor :1

Date & Time Acquired :2024-12-18 15:40:13DataFile Name :040LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35.57	36.15	35.84	35.86	0.82	ppb
Antimony	121-1	3.67	3.78	3.85	3.77	2.37	ppb
Arsenic	75-2	2.15	2.18	1.98	2.10	5.01	ppb
Barium	135-1	17.97	18.37	18.69	18.34	1.96	ppb
Barium	137-1	17.81	18.35	18.67	18.28	2.38	ppb
Beryllium	9-1	1.71	1.92	2.01	1.88	8.14	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.79	1.91	2.21	1.97	11.06	ppb
Cadmium	106-1	1.79	1.91	1.86	1.86	3.23	ppb
Cadmium	111-1	2.02	2.10	2.09	2.07	1.92	ppb
Calcium	43-1	947.38	963.03	973.42	961.28	1.36	ppb
Calcium	44-1	942.56	970.52	980.98	964.69	2.06	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.87	3.88	3.84	3.86	0.54	ppb
Cobalt	59-2	1.90	1.92	1.90	1.91	0.64	ppb
Copper	63-2	3.97	3.95	3.93	3.95	0.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				105		%
Indium	115-1				105		%
Indium	115-2				104		%
Iron	56-2	386.47	383.92	384.47	384.95	0.35	ppb
Iron	57-2	397.97	390.35	386.20	391.51	1.53	ppb
Iron	54-2	400.15	402.00	403.06	401.74	0.37	ppb
Krypton	83-1						cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : PB165635BS Instrumnet Name : P7
Client Sample ID : LCS635 Dilution Factor : 1
Date & Time Acquired : 2024-12-18 15:40:13 DataFile Name : 040LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.78	1.85	1.85	1.83	2.12	ppb
Lead	207-1	1.79	1.83	1.80	1.81	1.05	ppb
Lead	208-1	1.78	1.82	1.82	1.81	1.23	ppb
Lithium	6-1				104		%
Magnesium	24-2	871.93	882.51	878.15	877.53	0.61	ppb
Manganese	55-2	1.91	1.90	1.94	1.92	1.23	ppb
Molybdenum	94-1	10.41	10.63	10.70	10.58	1.41	ppb
Molybdenum	95-1	8.76	8.98	9.10	8.95	1.96	ppb
Molybdenum	96-1	9.04	9.21	9.31	9.19	1.47	ppb
Molybdenum	97-1	8.80	9.03	9.00	8.94	1.40	ppb
Molybdenum	98-1	8.96	9.04	9.18	9.06	1.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.10	2.01	2.05	2.05	2.20	ppb
Phosphorus	31-2	25.63	29.50	30.10	28.41	8.53	ppb
Potassium	39-2	960.29	965.70	958.72	961.57	0.38	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	82-1	10.24	9.34	9.81	9.79	4.63	ppb
Selenium	77-2	9.62	11.34	9.37	10.11	10.57	ppb
Selenium	78-2	10.19	9.39	10.12	9.90	4.49	ppb
Silicon	28-1	-14.37	-12.22	-10.96	-12.52		ppb
Silver	107-1	1.87	1.94	2.01	1.94	3.67	ppb
Silver	109-1	1.89	1.93	2.00	1.94	2.82	ppb
Sodium	23-2	1097.37	1105.40	1105.63	1102.80	0.43	ppb
Strontium	86-1	46.20	46.77	46.29	46.42	0.66	ppb
Strontium	88-1	45.74	46.24	46.24	46.07	0.64	ppb
Sulfur	34-1	-356.25	-331.80	-224.06	-304.04		ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	1.75	1.83	1.76	1.78	2.41	ppb
Thallium	205-1	1.75	1.83	1.82	1.80	2.44	ppb
Tin	118-1	9.33	9.56	9.81	9.56	2.52	ppb
Titanium	47-1	2.14	2.11	2.30	2.18	4.71	ppb

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

PB165635BS

Instrumnet Name :

P7

Client Sample ID :

LCS635

Dilution Factor :

1

Date & Time Acquired :

2024-12-18 15:40:13

DataFile Name :

040LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.61	1.64	1.67	1.64	1.94	ppb
Vanadium	51-2	9.31	9.39	9.52	9.41	1.16	ppb
Yttrium	89-1				104		%
Yttrium	89-2				102		%
Zinc	66-2	9.22	9.48	9.37	9.35	1.39	ppb
Zirconium	90-1	1.78	1.79	1.85	1.80	2.16	ppb
Zirconium	91-1	1.82	1.82	1.85	1.83	0.97	ppb

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

PB165635BSD

Instrumnet Name :

P7

Client Sample ID :

LCSD635

Dilution Factor :

1

Date & Time Acquired :

2024-12-18 15:43:29

DataFile Name :

041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.61	19.39	19.32	19.44	0.78	ppb
Antimony	121-1	1.88	2.02	1.95	1.95	3.56	ppb
Arsenic	75-2	1.19	1.06	0.97	1.08	9.92	ppb
Barium	135-1	8.97	9.63	9.81	9.47	4.67	ppb
Barium	137-1	9.08	9.89	9.83	9.60	4.67	ppb
Beryllium	9-1	0.95	1.00	0.99	0.98	2.37	ppb
Bismuth	209-1				110		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.05	1.15	1.02	1.07	6.26	ppb
Cadmium	106-1	0.97	0.75	0.30	0.67	50.32	ppb
Cadmium	111-1	0.94	1.00	1.09	1.01	7.50	ppb
Calcium	43-1	468.71	518.33	512.83	499.96	5.44	ppb
Calcium	44-1	475.88	514.53	522.49	504.30	4.94	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.13	2.16	2.14	2.14	0.56	ppb
Cobalt	59-2	1.01	1.04	1.00	1.02	2.08	ppb
Copper	63-2	2.10	2.07	2.09	2.08	0.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				104		%
Indium	115-1				107		%
Indium	115-2				104		%
Iron	56-2	209.74	212.37	211.41	211.18	0.63	ppb
Iron	57-2	209.61	209.14	213.36	210.70	1.10	ppb
Iron	54-2	215.62	216.26	216.55	216.14	0.22	ppb
Krypton	83-1						cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : PB165635BSD Instrumnet Name : P7
Client Sample ID : LCSD635 Dilution Factor : 1
Date & Time Acquired : 2024-12-18 15:43:29 DataFile Name : 041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.90	1.00	0.99	0.96	5.85	ppb
Lead	207-1	0.93	0.99	0.93	0.95	3.47	ppb
Lead	208-1	0.91	0.98	0.95	0.95	3.98	ppb
Lithium	6-1				106		%
Magnesium	24-2	464.16	466.24	469.35	466.58	0.56	ppb
Manganese	55-2	1.02	1.05	0.98	1.02	3.53	ppb
Molybdenum	94-1	5.36	5.60	5.83	5.59	4.20	ppb
Molybdenum	95-1	4.49	4.74	4.73	4.65	3.00	ppb
Molybdenum	96-1	4.58	4.89	4.95	4.81	4.11	ppb
Molybdenum	97-1	4.40	4.78	4.88	4.69	5.44	ppb
Molybdenum	98-1	4.46	4.77	4.86	4.69	4.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.19	1.11	1.18	1.16	3.87	ppb
Phosphorus	31-2	9.54	3.19	9.34	7.36	49.06	ppb
Potassium	39-2	508.34	509.66	509.28	509.09	0.13	ppb
Rhodium	103-1				105		%
Rhodium	103-2				103		%
Scandium	45-1				104		%
Scandium	45-2				101		%
Selenium	82-1	4.79	4.57	4.97	4.78	4.27	ppb
Selenium	77-2	5.78	5.44	4.69	5.30	10.48	ppb
Selenium	78-2	5.46	4.98	5.58	5.34	5.89	ppb
Silicon	28-1	-29.09	-22.39	-20.81	-24.10		ppb
Silver	107-1	0.96	1.03	1.09	1.03	6.40	ppb
Silver	109-1	0.92	1.02	1.05	1.00	7.09	ppb
Sodium	23-2	584.84	589.12	594.31	589.42	0.81	ppb
Strontium	86-1	21.57	24.87	25.21	23.88	8.44	ppb
Strontium	88-1	22.91	24.56	24.18	23.88	3.62	ppb
Sulfur	34-1	-552.83	-398.06	-365.12	-438.67		ppb
Terbium	159-1				109		%
Terbium	159-2				106		%
Thallium	203-1	0.91	1.00	0.97	0.96	4.96	ppb
Thallium	205-1	0.91	0.97	0.97	0.95	3.75	ppb
Tin	118-1	4.74	5.15	5.10	5.00	4.52	ppb
Titanium	47-1	1.00	1.12	1.24	1.12	10.62	ppb

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

PB165635BSD

Instrumnet Name :

P7

Client Sample ID :

LCSD635

Dilution Factor :

1

Date & Time Acquired :

2024-12-18 15:43:29

DataFile Name :

041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.82	0.86	0.85	0.84	2.30	ppb
Vanadium	51-2	5.14	5.02	5.05	5.07	1.23	ppb
Yttrium	89-1				106		%
Yttrium	89-2				102		%
Zinc	66-2	4.89	5.10	5.17	5.05	2.85	ppb
Zirconium	90-1	0.90	0.96	0.94	0.93	3.30	ppb
Zirconium	91-1	0.92	0.94	1.00	0.95	4.57	ppb

LB Number :LB134003Operator :Jaswal

Lab Sample ID :PB165657BLInstrumnet Name :P7

Client Sample ID :PBS657Dilution Factor :1

Date & Time Acquired :2024-12-18 15:46:45DataFile Name :042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.03	-0.10	-0.13	-0.09		ppb
Antimony	121-1	0.01	0.00	0.00	0.00	14.89	ppb
Arsenic	75-2	0.01	0.00	0.00	0.00	227.10	ppb
Barium	135-1	0.00	0.00	0.00	0.00	132.69	ppb
Barium	137-1	0.00	0.01	0.01	0.01	17.52	ppb
Beryllium	9-1	0.00	0.01	0.01	0.01	42.07	ppb
Bismuth	209-1				106		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.01	0.01	0.00	0.01	64.79	ppb
Cadmium	106-1	-0.32	0.10	-0.38	-0.20		ppb
Cadmium	111-1	-0.02	0.01	-0.03	-0.02		ppb
Calcium	43-1	-0.94	-3.30	-1.32	-1.86		ppb
Calcium	44-1	-1.14	-1.38	-1.27	-1.26		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.18	0.17	0.19	0.18	6.92	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	48.67	ppb
Copper	63-2	0.05	0.07	0.06	0.06	16.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				105		%
Indium	115-1				105		%
Indium	115-2				104		%
Iron	56-2	0.99	0.99	0.96	0.98	1.93	ppb
Iron	57-2	-0.62	-0.97	-1.89	-1.16		ppb
Iron	54-2	2.28	1.25	1.79	1.78	28.98	ppb
Krypton	83-1						cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : PB165657BL Instrumnet Name : P7
Client Sample ID : PBS657 Dilution Factor : 1
Date & Time Acquired : 2024-12-18 15:46:45 DataFile Name : 042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.03	0.03	0.03	0.03	1.66	ppb
Lead	207-1	0.04	0.04	0.03	0.04	14.92	ppb
Lead	208-1	0.04	0.03	0.03	0.03	6.17	ppb
Lithium	6-1				103		%
Magnesium	24-2	0.64	0.58	0.76	0.66	13.89	ppb
Manganese	55-2	0.04	0.04	0.03	0.04	17.31	ppb
Molybdenum	94-1	0.01	0.02	0.02	0.02	47.50	ppb
Molybdenum	95-1	0.01	0.01	0.01	0.01	17.23	ppb
Molybdenum	96-1	-0.01	0.00	0.00	0.00		ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	72.13	ppb
Molybdenum	98-1	0.01	0.01	0.01	0.01	28.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.14	0.12	0.14	0.13	9.48	ppb
Phosphorus	31-2	-18.96	-20.70	-20.39	-20.02		ppb
Potassium	39-2	2.04	3.25	5.05	3.45	43.89	ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	82-1	0.25	0.23	-0.19	0.10	258.02	ppb
Selenium	77-2	-0.04	-0.04	-0.04	-0.04		ppb
Selenium	78-2	0.38	0.67	1.13	0.73	51.93	ppb
Silicon	28-1	-32.54	-31.80	-31.85	-32.06		ppb
Silver	107-1	0.00	0.00	0.00	0.00	25.33	ppb
Silver	109-1	0.01	0.00	0.00	0.00	45.86	ppb
Sodium	23-2	5.26	5.98	5.58	5.61	6.51	ppb
Strontium	86-1	0.13	-0.26	-0.28	-0.13		ppb
Strontium	88-1	0.01	-0.01	0.01	0.01	202.06	ppb
Sulfur	34-1	-430.24	-377.51	-330.36	-379.37		ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	0.04	0.04	0.04	0.04	7.09	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	3.60	ppb
Tin	118-1	0.01	0.00	0.01	0.01	96.09	ppb
Titanium	47-1	-0.01	-0.01	-0.01	-0.01		ppb

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

PB165657BL

Instrumnet Name :

P7

Client Sample ID :

PBS657

Dilution Factor :

1

Date & Time Acquired :

2024-12-18 15:46:45

DataFile Name :

042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	1332.22	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	153.56	ppb
Yttrium	89-1				104		%
Yttrium	89-2				103		%
Zinc	66-2	0.01	-0.02	0.00	0.00		ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	9.59	ppb
Zirconium	91-1	0.01	0.00	0.01	0.01	35.92	ppb

LB Number :LB134003Operator :Jaswal

Lab Sample ID :PB165657BSInstrumnet Name :P7

Client Sample ID :LCS657Dilution Factor :1

Date & Time Acquired :2024-12-18 15:50:02DataFile Name :043LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37.46	37.79	38.88	38.04	1.95	ppb
Antimony	121-1	4.00	3.89	4.08	3.99	2.43	ppb
Arsenic	75-2	2.07	2.29	2.14	2.17	5.15	ppb
Barium	135-1	18.80	18.98	19.20	18.99	1.05	ppb
Barium	137-1	19.34	19.11	19.60	19.35	1.26	ppb
Beryllium	9-1	2.04	2.09	2.01	2.05	1.98	ppb
Bismuth	209-1				107		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.13	2.18	2.40	2.23	6.42	ppb
Cadmium	106-1	1.98	1.52	2.28	1.93	19.82	ppb
Cadmium	111-1	2.10	2.11	2.10	2.10	0.52	ppb
Calcium	43-1	1008.80	998.55	1026.51	1011.28	1.40	ppb
Calcium	44-1	1013.90	1010.19	1019.30	1014.46	0.45	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.02	3.90	3.90	3.94	1.77	ppb
Cobalt	59-2	2.04	2.02	2.00	2.02	0.98	ppb
Copper	63-2	4.07	4.17	4.12	4.12	1.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				106		%
Indium	115-1				106		%
Indium	115-2				104		%
Iron	56-2	411.25	407.57	409.61	409.48	0.45	ppb
Iron	57-2	420.42	417.15	414.56	417.38	0.70	ppb
Iron	54-2	419.71	420.21	424.79	421.57	0.66	ppb
Krypton	83-1						cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : PB165657BS Instrumnet Name : P7
Client Sample ID : LCS657 Dilution Factor : 1
Date & Time Acquired : 2024-12-18 15:50:02 DataFile Name : 043LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.84	1.94	1.89	1.89	2.82	ppb
Lead	207-1	1.85	1.94	1.89	1.89	2.38	ppb
Lead	208-1	1.86	1.92	1.89	1.89	1.72	ppb
Lithium	6-1				106		%
Magnesium	24-2	905.94	921.62	921.79	916.45	0.99	ppb
Manganese	55-2	1.97	1.99	1.98	1.98	0.54	ppb
Molybdenum	94-1	11.27	11.05	11.33	11.21	1.32	ppb
Molybdenum	95-1	9.40	9.44	9.34	9.40	0.52	ppb
Molybdenum	96-1	9.42	9.69	9.71	9.61	1.64	ppb
Molybdenum	97-1	9.44	9.39	9.51	9.45	0.60	ppb
Molybdenum	98-1	9.37	9.56	9.38	9.44	1.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.14	2.13	2.09	2.12	1.33	ppb
Phosphorus	31-2	29.49	29.26	31.48	30.08	4.06	ppb
Potassium	39-2	998.70	1007.41	1001.33	1002.48	0.45	ppb
Rhodium	103-1				105		%
Rhodium	103-2				105		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	82-1	10.06	10.31	10.16	10.17	1.23	ppb
Selenium	77-2	10.54	9.66	8.95	9.72	8.21	ppb
Selenium	78-2	9.64	9.89	10.56	10.03	4.74	ppb
Silicon	28-1	30.79	30.04	29.56	30.13	2.06	ppb
Silver	107-1	2.05	2.00	2.11	2.05	2.72	ppb
Silver	109-1	2.00	1.97	2.07	2.02	2.58	ppb
Sodium	23-2	1150.29	1152.83	1158.49	1153.87	0.36	ppb
Strontium	86-1	47.62	47.53	48.70	47.95	1.36	ppb
Strontium	88-1	48.37	48.49	47.89	48.25	0.66	ppb
Sulfur	34-1	-134.70	-235.89	-190.08	-186.89		ppb
Terbium	159-1				108		%
Terbium	159-2				106		%
Thallium	203-1	1.86	1.91	1.91	1.90	1.72	ppb
Thallium	205-1	1.87	1.93	1.88	1.89	1.69	ppb
Tin	118-1	10.02	10.04	10.21	10.09	0.99	ppb
Titanium	47-1	2.28	2.41	2.20	2.30	4.77	ppb

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

PB165657BS

Instrumnet Name :

P7

Client Sample ID :

LCS657

Dilution Factor :

1

Date & Time Acquired :

2024-12-18 15:50:02

DataFile Name :

043LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.71	1.73	1.69	1.71	1.29	ppb
Vanadium	51-2	9.77	9.90	9.79	9.82	0.72	ppb
Yttrium	89-1				105		%
Yttrium	89-2				103		%
Zinc	66-2	9.89	10.04	10.19	10.04	1.48	ppb
Zirconium	90-1	1.82	1.89	1.89	1.87	2.29	ppb
Zirconium	91-1	1.86	1.90	1.89	1.88	1.07	ppb

LB Number :LB134003Operator :Jaswal

Lab Sample ID :PB165657BSDInstrumnet Name :P7

Client Sample ID :LCSD657Dilution Factor :1

Date & Time Acquired :2024-12-18 15:53:16DataFile Name :044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.57	18.84	19.42	19.28	2.00	ppb
Antimony	121-1	1.97	2.05	2.05	2.03	2.42	ppb
Arsenic	75-2	1.04	1.10	1.12	1.09	3.74	ppb
Barium	135-1	9.46	9.56	9.74	9.59	1.49	ppb
Barium	137-1	9.55	9.81	9.84	9.73	1.65	ppb
Beryllium	9-1	1.01	1.00	1.12	1.05	6.26	ppb
Bismuth	209-1				107		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.04	1.27	1.19	1.17	10.08	ppb
Cadmium	106-1	1.33	1.69	1.06	1.36	23.28	ppb
Cadmium	111-1	1.09	1.14	1.08	1.10	3.13	ppb
Calcium	43-1	506.10	514.29	529.50	516.63	2.30	ppb
Calcium	44-1	502.65	515.79	522.04	513.49	1.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.10	2.18	2.19	2.16	2.32	ppb
Cobalt	59-2	1.01	1.02	1.02	1.02	0.62	ppb
Copper	63-2	2.09	2.15	2.07	2.10	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				107		%
Holmium	165-2				105		%
Indium	115-1				106		%
Indium	115-2				104		%
Iron	56-2	209.65	210.93	210.30	210.29	0.31	ppb
Iron	57-2	207.08	214.24	211.43	210.92	1.71	ppb
Iron	54-2	214.97	217.15	213.54	215.22	0.85	ppb
Krypton	83-1						cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : PB165657BSD Instrumnet Name : P7
Client Sample ID : LCSD657 Dilution Factor : 1
Date & Time Acquired : 2024-12-18 15:53:16 DataFile Name : 044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.99	0.98	0.99	0.99	0.44	ppb
Lead	207-1	0.98	1.00	0.98	0.99	1.20	ppb
Lead	208-1	0.97	0.97	0.99	0.98	1.02	ppb
Lithium	6-1				105		%
Magnesium	24-2	466.69	469.99	466.45	467.71	0.42	ppb
Manganese	55-2	1.04	1.03	1.04	1.04	0.83	ppb
Molybdenum	94-1	5.63	5.83	5.74	5.73	1.74	ppb
Molybdenum	95-1	4.75	4.78	4.70	4.74	0.82	ppb
Molybdenum	96-1	4.83	4.92	4.80	4.85	1.27	ppb
Molybdenum	97-1	4.77	4.80	4.86	4.81	0.99	ppb
Molybdenum	98-1	4.81	4.82	4.84	4.82	0.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.11	1.15	1.15	1.14	1.83	ppb
Phosphorus	31-2	9.72	5.10	12.30	9.04	40.32	ppb
Potassium	39-2	512.99	517.47	516.15	515.53	0.45	ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	82-1	5.18	5.37	4.93	5.16	4.24	ppb
Selenium	77-2	5.19	5.56	4.62	5.12	9.27	ppb
Selenium	78-2	5.74	4.86	4.54	5.05	12.39	ppb
Silicon	28-1	-23.40	-21.51	-20.91	-21.94		ppb
Silver	107-1	1.03	1.03	1.07	1.04	2.60	ppb
Silver	109-1	1.00	1.03	1.04	1.03	1.93	ppb
Sodium	23-2	595.50	590.15	592.14	592.60	0.46	ppb
Strontium	86-1	22.58	25.39	24.92	24.30	6.19	ppb
Strontium	88-1	24.69	25.25	24.45	24.80	1.66	ppb
Sulfur	34-1	-180.73	-92.74	-98.26	-123.91		ppb
Terbium	159-1				108		%
Terbium	159-2				106		%
Thallium	203-1	0.98	0.96	1.00	0.98	2.30	ppb
Thallium	205-1	0.97	0.96	0.99	0.98	1.66	ppb
Tin	118-1	4.99	5.09	5.36	5.15	3.69	ppb
Titanium	47-1	1.16	1.29	1.14	1.20	6.72	ppb

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : PB165657BSD Instrumnet Name : P7
Client Sample ID : LCSD657 Dilution Factor : 1
Date & Time Acquired : 2024-12-18 15:53:16 DataFile Name : 044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.85	0.86	0.88	0.87	1.54	ppb
Vanadium	51-2	4.99	5.05	4.91	4.98	1.40	ppb
Yttrium	89-1				105		%
Yttrium	89-2				104		%
Zinc	66-2	4.84	5.12	5.09	5.02	3.09	ppb
Zirconium	90-1	0.95	0.98	0.94	0.96	1.94	ppb
Zirconium	91-1	0.98	1.00	0.97	0.98	1.79	ppb

LB Number :LB134003Operator :Jaswal

Lab Sample ID :P5172-20Instrumnet Name :P7

Client Sample ID :MYCZ38Dilution Factor :1

Date & Time Acquired :2024-12-18 15:56:34DataFile Name :045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37719.55	38173.18	37846.14	37912.96	0.62	ppb
Antimony	121-1	0.70	0.71	0.73	0.71	2.26	ppb
Arsenic	75-2	75.09	75.60	75.78	75.49	0.47	ppb
Barium	135-1	541.43	539.81	532.40	537.88	0.90	ppb
Barium	137-1	538.31	545.35	542.67	542.11	0.66	ppb
Beryllium	9-1	1.53	1.70	1.72	1.65	6.26	ppb
Bismuth	209-1				108		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.45	3.23	3.08	3.25	5.67	ppb
Cadmium	106-1	5.11	5.48	5.01	5.20	4.79	ppb
Cadmium	111-1	2.51	2.52	2.52	2.52	0.31	ppb
Calcium	43-1	24738.23	25588.47	25627.88	25318.19	1.99	ppb
Calcium	44-1	24260.92	24487.36	24758.12	24502.13	1.02	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	63.62	64.22	63.23	63.69	0.79	ppb
Cobalt	59-2	34.41	34.65	34.38	34.48	0.43	ppb
Copper	63-2	232.59	233.25	236.03	233.96	0.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				107		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	56-2	79926.33	80141.22	79791.47	79953.01	0.22	ppb
Iron	57-2	78880.82	79099.54	78338.68	78773.01	0.50	ppb
Iron	54-2	79950.39	80101.47	79683.15	79911.67	0.27	ppb
Krypton	83-1						cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : P5172-20 Instrumnet Name : P7
Client Sample ID : MYCZ38 Dilution Factor : 1
Date & Time Acquired : 2024-12-18 15:56:34 DataFile Name : 045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	224.81	228.31	229.47	227.53	1.07	ppb
Lead	207-1	227.57	233.80	231.40	230.93	1.36	ppb
Lead	208-1	225.21	229.93	229.80	228.31	1.18	ppb
Lithium	6-1				108		%
Magnesium	24-2	18099.18	18191.76	17916.96	18069.30	0.77	ppb
Manganese	55-2	1851.77	1878.87	1852.32	1860.99	0.83	ppb
Molybdenum	94-1	22.28	22.60	22.49	22.46	0.74	ppb
Molybdenum	95-1	0.69	0.74	0.72	0.72	3.92	ppb
Molybdenum	96-1	3.59	3.53	3.53	3.55	0.97	ppb
Molybdenum	97-1	0.72	0.69	0.70	0.70	2.31	ppb
Molybdenum	98-1	0.69	0.70	0.70	0.70	1.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	75.91	76.03	75.03	75.66	0.72	ppb
Phosphorus	31-2	2970.03	2975.06	2972.70	2972.60	0.08	ppb
Potassium	39-2	12218.44	12399.41	12215.97	12277.94	0.86	ppb
Rhodium	103-1				102		%
Rhodium	103-2				98		%
Scandium	45-1				106		%
Scandium	45-2				98		%
Selenium	82-1	1.28	1.54	0.99	1.27	21.78	ppb
Selenium	77-2	14.97	13.24	14.62	14.28	6.39	ppb
Selenium	78-2	2.79	2.78	4.32	3.30	27.00	ppb
Silicon	28-1	7546.45	7672.42	7695.69	7638.19	1.05	ppb
Silver	107-1	0.79	0.80	0.78	0.79	1.27	ppb
Silver	109-1	0.75	0.78	0.78	0.77	2.02	ppb
Sodium	23-2	172.69	171.80	173.59	172.69	0.52	ppb
Strontium	86-1	3102.27	3104.77	3131.87	3112.97	0.53	ppb
Strontium	88-1	3151.65	3160.33	3200.77	3170.92	0.83	ppb
Sulfur	34-1	428.41	326.05	257.58	337.35	25.49	ppb
Terbium	159-1				110		%
Terbium	159-2				108		%
Thallium	203-1	0.36	0.36	0.37	0.36	2.56	ppb
Thallium	205-1	0.36	0.37	0.38	0.37	2.81	ppb
Tin	118-1	14.00	14.12	14.18	14.10	0.67	ppb
Titanium	47-1	453.51	465.93	467.35	462.26	1.65	ppb

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

P5172-20

Instrumnet Name :

P7

Client Sample ID :

MYCZ38

Dilution Factor :

1

Date & Time Acquired :

2024-12-18 15:56:34

DataFile Name :

045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.89	0.89	0.90	0.89	1.00	ppb
Vanadium	51-2	118.80	118.83	117.57	118.40	0.61	ppb
Yttrium	89-1				114		%
Yttrium	89-2				108		%
Zinc	66-2	626.86	627.82	628.53	627.74	0.13	ppb
Zirconium	90-1	12.03	12.21	12.25	12.16	0.95	ppb
Zirconium	91-1	12.17	12.51	12.28	12.32	1.39	ppb

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : P5172-21 Instrumnet Name : P7
Client Sample ID : MYCZ38D Dilution Factor : 1
Date & Time Acquired : 2024-12-18 15:59:34 DataFile Name : 046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37981.23	37796.86	37754.07	37844.05	0.32	ppb
Antimony	121-1	0.67	0.66	0.66	0.67	0.97	ppb
Arsenic	75-2	75.24	75.03	75.72	75.33	0.47	ppb
Barium	135-1	510.85	521.63	522.84	518.44	1.27	ppb
Barium	137-1	512.81	523.05	519.72	518.52	1.01	ppb
Beryllium	9-1	1.66	1.67	1.82	1.72	5.19	ppb
Bismuth	209-1				108		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.18	3.31	3.15	3.21	2.70	ppb
Cadmium	106-1	4.44	4.54	4.34	4.44	2.22	ppb
Cadmium	111-1	2.35	2.49	2.48	2.44	3.16	ppb
Calcium	43-1	25146.28	25384.47	25253.27	25261.34	0.47	ppb
Calcium	44-1	23984.09	24258.98	24405.50	24216.19	0.88	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	60.91	61.08	61.13	61.04	0.18	ppb
Cobalt	59-2	35.00	34.87	34.69	34.85	0.44	ppb
Copper	63-2	198.81	199.12	197.61	198.51	0.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				107		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	56-2	79006.47	79234.96	78641.91	78961.11	0.38	ppb
Iron	57-2	77889.90	78898.26	77723.53	78170.56	0.81	ppb
Iron	54-2	79525.08	78955.12	78879.06	79119.76	0.45	ppb
Krypton	83-1						cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : P5172-21 Instrumnet Name : P7
Client Sample ID : MYCZ38D Dilution Factor : 1
Date & Time Acquired : 2024-12-18 15:59:34 DataFile Name : 046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	194.80	197.19	199.41	197.14	1.17	ppb
Lead	207-1	199.32	202.43	201.79	201.18	0.82	ppb
Lead	208-1	197.77	198.48	200.09	198.78	0.60	ppb
Lithium	6-1				105		%
Magnesium	24-2	18230.11	18122.62	18166.21	18172.98	0.30	ppb
Manganese	55-2	1804.62	1817.32	1802.79	1808.24	0.44	ppb
Molybdenum	94-1	23.74	24.36	24.31	24.14	1.42	ppb
Molybdenum	95-1	0.74	0.75	0.75	0.75	0.80	ppb
Molybdenum	96-1	3.59	3.65	3.78	3.67	2.67	ppb
Molybdenum	97-1	0.72	0.68	0.79	0.73	7.08	ppb
Molybdenum	98-1	0.73	0.74	0.73	0.73	1.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	63.11	63.87	63.82	63.60	0.67	ppb
Phosphorus	31-2	3039.63	2956.60	2977.10	2991.11	1.45	ppb
Potassium	39-2	12121.37	12224.22	12047.22	12130.94	0.73	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	82-1	1.34	1.22	1.19	1.25	6.30	ppb
Selenium	77-2	15.66	14.89	14.50	15.02	3.94	ppb
Selenium	78-2	3.95	2.46	3.43	3.28	23.07	ppb
Silicon	28-1	7385.93	7458.85	7482.19	7442.33	0.67	ppb
Silver	107-1	0.76	0.79	0.79	0.78	2.44	ppb
Silver	109-1	0.77	0.76	0.77	0.77	0.82	ppb
Sodium	23-2	174.48	171.33	172.84	172.88	0.91	ppb
Strontium	86-1	2976.90	3049.06	3043.15	3023.03	1.33	ppb
Strontium	88-1	3047.41	3072.25	3105.89	3075.18	0.95	ppb
Sulfur	34-1	-184.52	-92.89	-113.25	-130.22		ppb
Terbium	159-1				108		%
Terbium	159-2				107		%
Thallium	203-1	0.40	0.38	0.38	0.39	3.90	ppb
Thallium	205-1	0.38	0.36	0.36	0.36	3.51	ppb
Tin	118-1	9.05	9.10	9.14	9.09	0.51	ppb
Titanium	47-1	445.67	441.88	443.51	443.69	0.43	ppb

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

P5172-21

Instrumnet Name :

P7

Client Sample ID :

MYCZ38D

Dilution Factor :

1

Date & Time Acquired :

2024-12-18 15:59:34

DataFile Name :

046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.93	0.91	0.91	0.92	0.88	ppb
Vanadium	51-2	117.15	117.25	116.14	116.85	0.52	ppb
Yttrium	89-1				110		%
Yttrium	89-2				108		%
Zinc	66-2	568.27	573.00	572.31	571.19	0.45	ppb
Zirconium	90-1	12.83	13.11	13.07	13.00	1.17	ppb
Zirconium	91-1	13.10	13.08	13.29	13.16	0.90	ppb

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

P5172-20LX5

Instrumnet Name :

P7

Client Sample ID :

MYCZ38L

Dilution Factor :

5

Date & Time Acquired :

2024-12-18 16:02:37

DataFile Name :

047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8089.42	7869.42	7885.60	7948.14	1.54	ppb
Antimony	121-1	0.14	0.15	0.15	0.15	3.44	ppb
Arsenic	75-2	17.07	16.67	16.53	16.76	1.66	ppb
Barium	135-1	104.92	105.75	107.21	105.96	1.09	ppb
Barium	137-1	105.83	106.19	108.15	106.72	1.17	ppb
Beryllium	9-1	0.39	0.36	0.34	0.36	6.62	ppb
Bismuth	209-1				107		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.75	0.78	0.76	0.76	2.13	ppb
Cadmium	106-1	0.53	-0.83	-0.30	-0.20		ppb
Cadmium	111-1	0.43	0.41	0.40	0.41	4.44	ppb
Calcium	43-1	5257.29	5386.60	5346.68	5330.19	1.24	ppb
Calcium	44-1	5111.23	5079.50	5121.60	5104.11	0.43	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	13.47	13.34	13.54	13.45	0.76	ppb
Cobalt	59-2	7.25	7.32	7.32	7.30	0.51	ppb
Copper	63-2	48.99	48.83	48.27	48.70	0.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				106		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	56-2	16773.25	16774.40	16918.24	16821.96	0.50	ppb
Iron	57-2	16768.22	16681.87	16480.39	16643.49	0.89	ppb
Iron	54-2	16754.54	16564.82	16797.46	16705.60	0.74	ppb
Krypton	83-1						cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : P5172-20LX5 Instrumnet Name : P7
Client Sample ID : MYCZ38L Dilution Factor : 5
Date & Time Acquired : 2024-12-18 16:02:37 DataFile Name : 047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	44.51	44.60	44.38	44.50	0.24	ppb
Lead	207-1	44.51	44.79	43.90	44.40	1.02	ppb
Lead	208-1	44.15	44.22	43.90	44.09	0.39	ppb
Lithium	6-1				104		%
Magnesium	24-2	3809.37	3822.74	3802.59	3811.57	0.27	ppb
Manganese	55-2	396.07	391.26	394.68	394.01	0.63	ppb
Molybdenum	94-1	4.75	4.89	4.84	4.83	1.46	ppb
Molybdenum	95-1	0.16	0.16	0.15	0.16	3.01	ppb
Molybdenum	96-1	0.76	0.76	0.76	0.76	0.25	ppb
Molybdenum	97-1	0.14	0.17	0.16	0.16	9.56	ppb
Molybdenum	98-1	0.16	0.15	0.16	0.15	3.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	16.09	16.02	16.12	16.08	0.33	ppb
Phosphorus	31-2	610.85	592.94	594.61	599.46	1.65	ppb
Potassium	39-2	2584.59	2560.47	2567.33	2570.80	0.48	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				98		%
Scandium	45-2				96		%
Selenium	82-1	0.02	-0.11	-0.34	-0.14		ppb
Selenium	77-2	3.83	4.62	3.53	3.99	14.04	ppb
Selenium	78-2	0.14	0.19	0.75	0.36	93.60	ppb
Silicon	28-1	1556.51	1587.72	1594.59	1579.61	1.29	ppb
Silver	107-1	0.16	0.16	0.16	0.16	0.63	ppb
Silver	109-1	0.15	0.15	0.15	0.15	1.58	ppb
Sodium	23-2	50.62	49.52	49.64	49.93	1.20	ppb
Strontium	86-1	680.08	686.37	677.43	681.29	0.67	ppb
Strontium	88-1	674.87	680.13	676.14	677.04	0.41	ppb
Sulfur	34-1	-1239.96	-1183.89	-1184.35	-1202.73		ppb
Terbium	159-1				107		%
Terbium	159-2				107		%
Thallium	203-1	0.11	0.10	0.10	0.10	2.00	ppb
Thallium	205-1	0.11	0.11	0.10	0.11	5.18	ppb
Tin	118-1	2.89	2.85	2.99	2.91	2.37	ppb
Titanium	47-1	95.66	96.57	95.00	95.75	0.82	ppb

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

P5172-20LX5

Instrumnet Name :

P7

Client Sample ID :

MYCZ38L

Dilution Factor :

5

Date & Time Acquired :

2024-12-18 16:02:37

DataFile Name :

047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.18	0.18	0.18	0.18	1.12	ppb
Vanadium	51-2	24.83	24.69	24.91	24.81	0.44	ppb
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	133.59	133.06	133.66	133.44	0.24	ppb
Zirconium	90-1	2.60	2.67	2.61	2.63	1.40	ppb
Zirconium	91-1	2.65	2.67	2.63	2.65	0.82	ppb

LB Number :LB134003Operator :Jaswal

Lab Sample ID :P5172-22Instrumnet Name :P7

Client Sample ID :MYCZ38SDilution Factor :1

Date & Time Acquired :2024-12-18 16:05:44DataFile Name :048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38102.06	38461.24	37956.33	38173.21	0.68	ppb
Antimony	121-1	73.44	73.19	75.12	73.92	1.42	ppb
Arsenic	75-2	99.64	100.54	102.23	100.81	1.30	ppb
Barium	135-1	1943.05	1934.69	1992.04	1956.59	1.58	ppb
Barium	137-1	1955.01	1934.93	1993.95	1961.30	1.53	ppb
Beryllium	9-1	36.86	35.85	37.82	36.85	2.67	ppb
Bismuth	209-1				109		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	37.05	36.50	37.51	37.02	1.36	ppb
Cadmium	106-1	37.41	36.83	39.02	37.75	3.00	ppb
Cadmium	111-1	40.47	40.11	41.41	40.66	1.65	ppb
Calcium	43-1	24794.27	24496.08	24902.50	24730.95	0.85	ppb
Calcium	44-1	23997.13	23661.34	24108.77	23922.42	0.97	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	204.01	203.42	203.19	203.54	0.21	ppb
Cobalt	59-2	386.65	388.03	382.34	385.67	0.77	ppb
Copper	63-2	391.77	391.78	384.41	389.32	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				109		%
Holmium	165-2				107		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	79346.47	78861.27	78761.54	78989.76	0.40	ppb
Iron	57-2	77035.93	78294.94	76417.66	77249.51	1.24	ppb
Iron	54-2	79595.38	78774.23	78336.30	78901.97	0.81	ppb
Krypton	83-1						cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : P5172-22 Instrumnet Name : P7
Client Sample ID : MYCZ38S Dilution Factor : 1
Date & Time Acquired : 2024-12-18 16:05:44 DataFile Name : 048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	227.61	234.46	229.85	230.64	1.52	ppb
Lead	207-1	237.41	232.05	236.58	235.35	1.23	ppb
Lead	208-1	234.33	230.42	234.39	233.05	0.98	ppb
Lithium	6-1				105		%
Magnesium	24-2	17661.89	17795.91	17347.59	17601.80	1.31	ppb
Manganese	55-2	2171.20	2164.59	2167.70	2167.83	0.15	ppb
Molybdenum	94-1	22.14	22.26	22.25	22.22	0.31	ppb
Molybdenum	95-1	0.72	0.71	0.71	0.71	1.15	ppb
Molybdenum	96-1	3.49	3.47	3.56	3.51	1.26	ppb
Molybdenum	97-1	0.71	0.75	0.70	0.72	3.49	ppb
Molybdenum	98-1	0.69	0.72	0.71	0.71	1.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	418.23	423.26	418.75	420.08	0.66	ppb
Phosphorus	31-2	2861.54	2957.65	2877.58	2898.92	1.78	ppb
Potassium	39-2	12069.52	12081.24	12109.39	12086.72	0.17	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				103		%
Scandium	45-2				98		%
Selenium	82-1	68.74	68.15	69.93	68.94	1.31	ppb
Selenium	77-2	81.13	80.82	86.56	82.84	3.90	ppb
Selenium	78-2	70.58	71.03	70.66	70.75	0.34	ppb
Silicon	28-1	7328.87	7349.51	7435.56	7371.31	0.77	ppb
Silver	107-1	34.80	34.72	35.90	35.14	1.88	ppb
Silver	109-1	34.15	34.59	35.42	34.72	1.86	ppb
Sodium	23-2	166.99	168.78	167.08	167.61	0.60	ppb
Strontium	86-1	3032.10	3028.11	3068.38	3042.86	0.73	ppb
Strontium	88-1	3064.48	3080.24	3097.15	3080.62	0.53	ppb
Sulfur	34-1	-258.51	-310.72	-280.82	-283.35		ppb
Terbium	159-1				110		%
Terbium	159-2				107		%
Thallium	203-1	35.90	35.35	35.77	35.67	0.80	ppb
Thallium	205-1	35.71	35.08	35.79	35.53	1.09	ppb
Tin	118-1	12.76	12.52	12.83	12.70	1.31	ppb
Titanium	47-1	447.12	442.89	451.13	447.05	0.92	ppb

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

P5172-22

Instrumnet Name :

P7

Client Sample ID :

MYCZ38S

Dilution Factor :

1

Date & Time Acquired :

2024-12-18 16:05:44

DataFile Name :

048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.88	0.87	0.88	0.88	0.51	ppb
Vanadium	51-2	473.19	471.52	466.48	470.39	0.74	ppb
Yttrium	89-1				112		%
Yttrium	89-2				109		%
Zinc	66-2	951.76	958.16	945.92	951.95	0.64	ppb
Zirconium	90-1	12.12	11.99	12.16	12.09	0.76	ppb
Zirconium	91-1	12.06	12.17	12.53	12.25	2.00	ppb

LB Number :LB134003Operator :Jaswal

Lab Sample ID :P5172-20MSInstrumnet Name :P7

Client Sample ID :MYCZ38SREDilution Factor :1

Date & Time Acquired :2024-12-18 16:08:44DataFile Name :049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	42752.76	42465.86	42516.80	42578.47	0.36	ppb
Antimony	121-1	309.59	312.81	313.02	311.80	0.62	ppb
Arsenic	75-2	186.98	188.47	188.22	187.89	0.42	ppb
Barium	135-1	6640.37	6602.92	6671.52	6638.27	0.52	ppb
Barium	137-1	6629.48	6632.69	6693.21	6651.79	0.54	ppb
Beryllium	9-1	152.98	151.09	152.36	152.15	0.63	ppb
Bismuth	209-1				109		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	140.88	142.39	146.48	143.25	2.02	ppb
Cadmium	106-1	142.48	140.59	143.98	142.35	1.19	ppb
Cadmium	111-1	158.35	158.69	158.99	158.67	0.20	ppb
Calcium	43-1	23956.76	23949.86	24224.18	24043.60	0.65	ppb
Calcium	44-1	22874.25	23228.58	23091.15	23064.66	0.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	672.14	663.55	671.61	669.10	0.72	ppb
Cobalt	59-2	1561.64	1545.32	1563.74	1556.90	0.65	ppb
Copper	63-2	906.56	886.55	894.84	895.99	1.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				107		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	56-2	80372.75	79867.14	80659.42	80299.77	0.50	ppb
Iron	57-2	78810.48	78095.85	78316.94	78407.76	0.47	ppb
Iron	54-2	80809.19	80242.15	79704.52	80251.95	0.69	ppb
Krypton	83-1						cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : P5172-20MS Instrumnet Name : P7
Client Sample ID : MYCZ38SRE Dilution Factor : 1
Date & Time Acquired : 2024-12-18 16:08:44 DataFile Name : 049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	233.65	234.74	230.22	232.87	1.01	ppb
Lead	207-1	228.29	230.44	232.14	230.29	0.84	ppb
Lead	208-1	230.27	229.68	228.97	229.64	0.28	ppb
Lithium	6-1				104		%
Magnesium	24-2	17553.17	17557.32	17557.91	17556.13	0.01	ppb
Manganese	55-2	3199.80	3210.04	3218.11	3209.31	0.29	ppb
Molybdenum	94-1	23.67	24.60	24.85	24.37	2.56	ppb
Molybdenum	95-1	0.76	0.76	0.77	0.76	1.05	ppb
Molybdenum	96-1	3.75	3.76	3.82	3.78	0.94	ppb
Molybdenum	97-1	0.73	0.74	0.70	0.72	3.06	ppb
Molybdenum	98-1	0.77	0.75	0.77	0.76	1.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1622.73	1618.65	1605.26	1615.54	0.57	ppb
Phosphorus	31-2	2940.81	2933.68	2950.38	2941.62	0.28	ppb
Potassium	39-2	11817.09	11694.79	11664.00	11725.29	0.69	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				96		%
Selenium	82-1	318.99	328.36	328.38	325.24	1.67	ppb
Selenium	77-2	340.00	344.11	338.08	340.73	0.90	ppb
Selenium	78-2	329.58	322.51	328.44	326.84	1.16	ppb
Silicon	28-1	6921.54	6838.60	7127.05	6962.40	2.13	ppb
Silver	107-1	75.88	87.51	86.36	83.25	7.70	ppb
Silver	109-1	109.07	84.77	108.06	100.63	13.66	ppb
Sodium	23-2	180.26	184.33	179.06	181.22	1.52	ppb
Strontium	86-1	2813.80	2823.07	2862.29	2833.05	0.91	ppb
Strontium	88-1	2852.77	2854.27	2921.55	2876.19	1.37	ppb
Sulfur	34-1	-435.69	-386.15	-362.70	-394.85		ppb
Terbium	159-1				108		%
Terbium	159-2				107		%
Thallium	203-1	151.26	152.35	153.16	152.26	0.63	ppb
Thallium	205-1	152.97	155.23	151.52	153.24	1.22	ppb
Tin	118-1	4.85	4.95	4.63	4.81	3.33	ppb
Titanium	47-1	407.69	409.76	414.12	410.52	0.80	ppb

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

P5172-20MS

Instrumnet Name :

P7

Client Sample ID :

MYCZ38SRE

Dilution Factor :

1

Date & Time Acquired :

2024-12-18 16:08:44

DataFile Name :

049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.90	0.91	0.92	0.91	1.03	ppb
Vanadium	51-2	1613.61	1593.80	1602.69	1603.37	0.62	ppb
Yttrium	89-1				110		%
Yttrium	89-2				107		%
Zinc	66-2	2093.24	2056.64	2069.01	2072.96	0.90	ppb
Zirconium	90-1	13.06	13.15	13.26	13.16	0.76	ppb
Zirconium	91-1	13.15	13.45	13.43	13.35	1.24	ppb

LB Number :LB134003Operator :Jaswal

Lab Sample ID :P5173-20Instrumnet Name :P7

Client Sample ID :MYCZ58Dilution Factor :1

Date & Time Acquired :2024-12-18 16:11:35DataFile Name :050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	30755.14	30780.25	30732.74	30756.04	0.08	ppb
Antimony	121-1	0.75	0.74	0.77	0.76	2.20	ppb
Arsenic	75-2	99.38	99.52	98.84	99.25	0.37	ppb
Barium	135-1	274.81	280.09	281.19	278.70	1.22	ppb
Barium	137-1	285.69	285.26	287.52	286.16	0.42	ppb
Beryllium	9-1	1.05	1.13	1.17	1.12	5.60	ppb
Bismuth	209-1				109		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.89	2.26	2.12	2.09	8.83	ppb
Cadmium	106-1	2.55	2.60	2.56	2.57	1.10	ppb
Cadmium	111-1	1.49	1.57	1.50	1.52	3.07	ppb
Calcium	43-1	11607.04	11604.36	11841.88	11684.42	1.17	ppb
Calcium	44-1	11073.59	11112.54	11223.97	11136.70	0.70	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	55.83	55.79	55.76	55.79	0.07	ppb
Cobalt	59-2	37.95	37.86	37.69	37.83	0.35	ppb
Copper	63-2	109.99	110.21	109.55	109.92	0.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				108		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	87911.40	87713.57	86318.23	87314.40	0.99	ppb
Iron	57-2	85565.24	86190.61	86234.64	85996.83	0.44	ppb
Iron	54-2	87016.95	87835.08	86512.44	87121.49	0.77	ppb
Krypton	83-1						cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : P5173-20 Instrumnet Name : P7
Client Sample ID : MYCZ58 Dilution Factor : 1
Date & Time Acquired : 2024-12-18 16:11:35 DataFile Name : 050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	139.25	143.13	145.31	142.56	2.15	ppb
Lead	207-1	136.35	140.13	141.89	139.46	2.03	ppb
Lead	208-1	141.37	143.68	145.91	143.66	1.58	ppb
Lithium	6-1				105		%
Magnesium	24-2	14437.39	14331.48	14409.28	14392.72	0.38	ppb
Manganese	55-2	1382.14	1389.15	1375.06	1382.11	0.51	ppb
Molybdenum	94-1	15.92	15.97	15.82	15.91	0.48	ppb
Molybdenum	95-1	1.16	1.19	1.15	1.17	1.75	ppb
Molybdenum	96-1	3.31	3.37	3.28	3.32	1.29	ppb
Molybdenum	97-1	1.15	1.15	1.13	1.14	1.04	ppb
Molybdenum	98-1	1.16	1.16	1.14	1.15	1.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	43.85	44.05	43.31	43.74	0.89	ppb
Phosphorus	31-2	2881.19	2905.52	2876.13	2887.61	0.54	ppb
Potassium	39-2	10060.87	10136.67	10078.85	10092.13	0.39	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	82-1	0.64	1.05	1.36	1.02	35.22	ppb
Selenium	77-2	13.46	11.03	11.45	11.98	10.85	ppb
Selenium	78-2	1.99	2.23	2.15	2.12	5.66	ppb
Silicon	28-1	4592.46	4444.10	4579.15	4538.57	1.81	ppb
Silver	107-1	0.57	0.58	0.62	0.59	4.65	ppb
Silver	109-1	0.60	0.59	0.60	0.60	1.48	ppb
Sodium	23-2	268.62	269.57	268.58	268.92	0.21	ppb
Strontium	86-1	1442.32	1442.52	1439.08	1441.31	0.13	ppb
Strontium	88-1	1478.52	1456.99	1475.89	1470.47	0.80	ppb
Sulfur	34-1	-721.19	-733.54	-657.37	-704.03		ppb
Terbium	159-1				109		%
Terbium	159-2				110		%
Thallium	203-1	0.30	0.31	0.30	0.30	1.71	ppb
Thallium	205-1	0.30	0.29	0.29	0.30	2.11	ppb
Tin	118-1	0.81	0.83	0.80	0.81	2.03	ppb
Titanium	47-1	918.22	934.73	935.04	929.33	1.04	ppb

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

P5173-20

Instrumnet Name :

P7

Client Sample ID :

MYCZ58

Dilution Factor :

1

Date & Time Acquired :

2024-12-18 16:11:35

DataFile Name :

050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.97	0.99	1.00	0.99	1.55	ppb
Vanadium	51-2	135.73	136.71	135.44	135.96	0.49	ppb
Yttrium	89-1				109		%
Yttrium	89-2				107		%
Zinc	66-2	403.26	404.66	401.44	403.12	0.40	ppb
Zirconium	90-1	8.33	8.36	8.35	8.35	0.16	ppb
Zirconium	91-1	8.44	8.26	8.34	8.35	1.06	ppb

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

P5173-21

Instrumnet Name :

P7

Client Sample ID :

MYCZ58D

Dilution Factor :

1

Date & Time Acquired :

2024-12-18 16:14:41

DataFile Name :

051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	31530.01	32079.88	31853.66	31821.19	0.87	ppb
Antimony	121-1	0.67	0.68	0.69	0.68	1.31	ppb
Arsenic	75-2	96.64	95.89	98.64	97.06	1.47	ppb
Barium	135-1	277.09	283.17	286.04	282.10	1.62	ppb
Barium	137-1	290.95	291.64	299.09	293.89	1.53	ppb
Beryllium	9-1	1.07	1.19	1.25	1.17	7.94	ppb
Bismuth	209-1				110		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.51	2.01	2.35	2.29	11.24	ppb
Cadmium	106-1	1.93	2.26	2.02	2.07	8.19	ppb
Cadmium	111-1	1.42	1.56	1.49	1.49	4.71	ppb
Calcium	43-1	11503.60	12066.61	11858.68	11809.63	2.41	ppb
Calcium	44-1	11193.85	11709.90	11543.76	11482.50	2.29	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	58.12	58.73	58.62	58.49	0.55	ppb
Cobalt	59-2	37.41	37.97	37.40	37.59	0.86	ppb
Copper	63-2	112.45	114.08	113.60	113.38	0.74	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				110		%
Holmium	165-2				110		%
Indium	115-1				105		%
Indium	115-2				101		%
Iron	56-2	88839.72	88283.76	89813.01	88978.83	0.87	ppb
Iron	57-2	87275.73	87807.59	88151.37	87744.90	0.50	ppb
Iron	54-2	89046.98	89707.43	89888.28	89547.56	0.49	ppb
Krypton	83-1						cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : P5173-21 Instrumnet Name : P7
Client Sample ID : MYCZ58D Dilution Factor : 1
Date & Time Acquired : 2024-12-18 16:14:41 DataFile Name : 051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	136.17	141.89	141.95	140.00	2.37	ppb
Lead	207-1	133.60	139.95	138.79	137.45	2.46	ppb
Lead	208-1	138.32	142.64	142.52	141.16	1.74	ppb
Lithium	6-1				107		%
Magnesium	24-2	14755.59	14953.08	14904.86	14871.18	0.69	ppb
Manganese	55-2	1406.81	1414.24	1413.25	1411.43	0.29	ppb
Molybdenum	94-1	16.03	16.37	16.40	16.27	1.27	ppb
Molybdenum	95-1	1.11	1.18	1.13	1.14	2.80	ppb
Molybdenum	96-1	3.35	3.39	3.39	3.38	0.68	ppb
Molybdenum	97-1	1.08	1.18	1.20	1.15	5.75	ppb
Molybdenum	98-1	1.11	1.15	1.10	1.12	2.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	43.00	43.58	43.83	43.47	0.98	ppb
Phosphorus	31-2	2939.41	2950.30	2901.52	2930.41	0.87	ppb
Potassium	39-2	10353.39	10441.64	10288.13	10361.06	0.74	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				103		%
Scandium	45-2				99		%
Selenium	82-1	0.99	1.11	1.01	1.04	5.95	ppb
Selenium	77-2	10.85	12.06	11.84	11.58	5.54	ppb
Selenium	78-2	1.97	2.87	3.02	2.62	21.70	ppb
Silicon	28-1	4422.44	4584.51	4529.44	4512.13	1.83	ppb
Silver	107-1	0.52	0.51	0.52	0.52	1.12	ppb
Silver	109-1	0.52	0.53	0.52	0.53	0.44	ppb
Sodium	23-2	276.40	274.55	275.58	275.51	0.34	ppb
Strontium	86-1	1441.51	1465.96	1500.65	1469.37	2.02	ppb
Strontium	88-1	1473.16	1495.48	1516.34	1494.99	1.44	ppb
Sulfur	34-1	-826.06	-668.43	-731.61	-742.03		ppb
Terbium	159-1				111		%
Terbium	159-2				109		%
Thallium	203-1	0.28	0.30	0.29	0.29	3.10	ppb
Thallium	205-1	0.27	0.29	0.29	0.29	4.31	ppb
Tin	118-1	1.22	1.28	1.29	1.26	2.98	ppb
Titanium	47-1	943.11	989.99	977.80	970.30	2.51	ppb

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

P5173-21

Instrumnet Name :

P7

Client Sample ID :

MYCZ58D

Dilution Factor :

1

Date & Time Acquired :

2024-12-18 16:14:41

DataFile Name :

051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.98	1.01	0.99	0.99	1.37	ppb
Vanadium	51-2	138.64	140.70	140.22	139.85	0.77	ppb
Yttrium	89-1				111		%
Yttrium	89-2				108		%
Zinc	66-2	403.97	410.15	410.06	408.06	0.87	ppb
Zirconium	90-1	8.30	8.60	8.55	8.49	1.90	ppb
Zirconium	91-1	8.39	8.69	8.91	8.66	3.00	ppb

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : P5173-20LX5 Instrumnet Name : P7
Client Sample ID : MYCZ58L Dilution Factor : 5
Date & Time Acquired : 2024-12-18 16:17:45 DataFile Name : 052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6550.79	6400.94	6482.71	6478.14	1.16	ppb
Antimony	121-1	0.15	0.16	0.15	0.16	1.66	ppb
Arsenic	75-2	21.76	21.43	21.03	21.41	1.69	ppb
Barium	135-1	55.33	56.39	57.40	56.37	1.84	ppb
Barium	137-1	55.12	57.11	57.72	56.65	2.40	ppb
Beryllium	9-1	0.24	0.23	0.27	0.25	7.26	ppb
Bismuth	209-1				108		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.42	0.52	0.34	0.43	20.35	ppb
Cadmium	106-1	0.27	-1.12	-0.17	-0.34		ppb
Cadmium	111-1	0.29	0.19	0.29	0.26	22.20	ppb
Calcium	43-1	2268.25	2429.94	2469.53	2389.24	4.46	ppb
Calcium	44-1	2218.36	2338.08	2357.45	2304.63	3.27	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	11.78	11.70	11.73	11.74	0.32	ppb
Cobalt	59-2	7.97	8.01	7.94	7.97	0.45	ppb
Copper	63-2	23.51	23.16	23.16	23.28	0.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				107		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	56-2	18194.27	18253.95	18413.91	18287.38	0.62	ppb
Iron	57-2	17856.88	17656.45	18247.20	17920.18	1.68	ppb
Iron	54-2	18388.08	18389.59	18445.37	18407.68	0.18	ppb
Krypton	83-1						cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : P5173-20LX5 Instrumnet Name : P7
Client Sample ID : MYCZ58L Dilution Factor : 5
Date & Time Acquired : 2024-12-18 16:17:45 DataFile Name : 052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	27.93	29.03	28.84	28.60	2.05	ppb
Lead	207-1	26.92	28.40	27.95	27.76	2.72	ppb
Lead	208-1	27.11	28.40	28.14	27.88	2.44	ppb
Lithium	6-1				106		%
Magnesium	24-2	3016.48	3076.05	3013.07	3035.20	1.17	ppb
Manganese	55-2	286.39	285.28	292.39	288.02	1.33	ppb
Molybdenum	94-1	3.23	3.34	3.44	3.34	3.05	ppb
Molybdenum	95-1	0.23	0.25	0.25	0.24	3.53	ppb
Molybdenum	96-1	0.64	0.70	0.70	0.68	5.53	ppb
Molybdenum	97-1	0.24	0.24	0.23	0.24	2.75	ppb
Molybdenum	98-1	0.21	0.23	0.26	0.23	8.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.26	9.25	9.36	9.29	0.65	ppb
Phosphorus	31-2	594.56	587.77	607.24	596.52	1.66	ppb
Potassium	39-2	2110.12	2097.21	2163.99	2123.78	1.67	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				95		%
Selenium	82-1	0.40	0.05	0.11	0.19	99.15	ppb
Selenium	77-2	1.82	3.40	1.99	2.40	36.19	ppb
Selenium	78-2	0.12	0.93	-1.01	0.01	6572.77	ppb
Silicon	28-1	866.70	938.50	944.23	916.48	4.71	ppb
Silver	107-1	0.11	0.12	0.12	0.12	1.28	ppb
Silver	109-1	0.11	0.11	0.12	0.11	3.84	ppb
Sodium	23-2	70.51	67.76	70.28	69.52	2.19	ppb
Strontium	86-1	288.75	308.43	313.17	303.45	4.27	ppb
Strontium	88-1	290.36	308.13	310.68	303.06	3.65	ppb
Sulfur	34-1	-1374.01	-1229.11	-1199.79	-1267.64		ppb
Terbium	159-1				108		%
Terbium	159-2				108		%
Thallium	203-1	0.10	0.11	0.09	0.10	5.79	ppb
Thallium	205-1	0.10	0.10	0.10	0.10	1.14	ppb
Tin	118-1	0.17	0.17	0.18	0.17	5.23	ppb
Titanium	47-1	176.22	188.42	189.38	184.67	3.97	ppb

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

P5173-20LX5

Instrumnet Name :

P7

Client Sample ID :

MYCZ58L

Dilution Factor :

5

Date & Time Acquired :

2024-12-18 16:17:45

DataFile Name :

052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.18	0.19	0.20	0.19	4.63	ppb
Vanadium	51-2	28.27	28.29	28.63	28.40	0.72	ppb
Yttrium	89-1				104		%
Yttrium	89-2				101		%
Zinc	66-2	86.00	85.46	86.18	85.88	0.43	ppb
Zirconium	90-1	1.68	1.77	1.80	1.75	3.50	ppb
Zirconium	91-1	1.68	1.80	1.82	1.77	4.49	ppb

LB Number :LB134003Operator :Jaswal

Lab Sample ID :P5173-22Instrumnet Name :P7

Client Sample ID :MYCZ58SDilution Factor :1

Date & Time Acquired :2024-12-18 16:20:55DataFile Name :053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	32615.78	32966.33	31910.20	32497.44	1.66	ppb
Antimony	121-1	68.57	71.79	72.98	71.11	3.20	ppb
Arsenic	75-2	126.82	128.34	123.42	126.20	1.99	ppb
Barium	135-1	1626.87	1689.22	1707.75	1674.61	2.53	ppb
Barium	137-1	1614.00	1704.24	1722.82	1680.35	3.46	ppb
Beryllium	9-1	34.09	34.95	36.28	35.11	3.14	ppb
Bismuth	209-1				109		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	33.03	35.57	35.49	34.70	4.17	ppb
Cadmium	106-1	33.48	34.84	34.94	34.42	2.36	ppb
Cadmium	111-1	37.33	38.35	39.07	38.25	2.29	ppb
Calcium	43-1	11207.32	11791.54	11886.53	11628.46	3.16	ppb
Calcium	44-1	10733.76	11463.38	11440.94	11212.70	3.70	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	194.58	193.77	191.87	193.41	0.72	ppb
Cobalt	59-2	384.38	383.79	377.63	381.93	0.98	ppb
Copper	63-2	273.94	275.44	272.88	274.09	0.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				107		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	56-2	88459.11	88532.75	87625.01	88205.62	0.57	ppb
Iron	57-2	86091.83	86980.17	86192.84	86421.61	0.56	ppb
Iron	54-2	89519.32	88784.00	87185.64	88496.32	1.35	ppb
Krypton	83-1						cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : P5173-22 Instrumnet Name : P7
Client Sample ID : MYCZ58S Dilution Factor : 1
Date & Time Acquired : 2024-12-18 16:20:55 DataFile Name : 053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	153.86	165.72	163.07	160.88	3.87	ppb
Lead	207-1	144.28	153.72	153.26	150.42	3.54	ppb
Lead	208-1	150.99	159.85	158.90	156.58	3.11	ppb
Lithium	6-1				104		%
Magnesium	24-2	14560.67	14662.55	14308.32	14510.51	1.26	ppb
Manganese	55-2	1725.60	1722.86	1696.32	1714.93	0.94	ppb
Molybdenum	94-1	15.15	16.01	15.80	15.65	2.86	ppb
Molybdenum	95-1	1.13	1.13	1.16	1.14	1.51	ppb
Molybdenum	96-1	3.25	3.36	3.33	3.31	1.72	ppb
Molybdenum	97-1	1.13	1.21	1.15	1.16	3.55	ppb
Molybdenum	98-1	1.08	1.16	1.19	1.14	4.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	381.44	384.20	375.59	380.41	1.16	ppb
Phosphorus	31-2	2933.14	2975.15	2869.11	2925.80	1.83	ppb
Potassium	39-2	10266.18	10353.78	10085.97	10235.31	1.33	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				102		%
Scandium	45-2				98		%
Selenium	82-1	70.67	73.07	71.66	71.80	1.68	ppb
Selenium	77-2	84.54	85.33	87.02	85.63	1.48	ppb
Selenium	78-2	74.32	75.70	72.20	74.07	2.38	ppb
Silicon	28-1	4338.71	4585.94	4585.43	4503.36	3.17	ppb
Silver	107-1	32.42	34.60	34.98	34.00	4.06	ppb
Silver	109-1	32.42	34.39	34.46	33.76	3.44	ppb
Sodium	23-2	270.42	271.84	266.61	269.62	1.00	ppb
Strontium	86-1	1387.20	1462.68	1444.03	1431.30	2.75	ppb
Strontium	88-1	1436.18	1485.65	1475.89	1465.91	1.79	ppb
Sulfur	34-1	-878.46	-707.77	-711.05	-765.76		ppb
Terbium	159-1				109		%
Terbium	159-2				106		%
Thallium	203-1	32.79	34.61	34.69	34.03	3.15	ppb
Thallium	205-1	32.73	34.47	34.63	33.95	3.11	ppb
Tin	118-1	0.80	0.86	0.88	0.85	4.95	ppb
Titanium	47-1	903.80	950.94	941.65	932.13	2.68	ppb

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

P5173-22

Instrumnet Name :

P7

Client Sample ID :

MYCZ58S

Dilution Factor :

1

Date & Time Acquired :

2024-12-18 16:20:55

DataFile Name :

053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.93	1.00	0.98	0.97	3.45	ppb
Vanadium	51-2	489.88	484.62	477.76	484.09	1.26	ppb
Yttrium	89-1				110		%
Yttrium	89-2				107		%
Zinc	66-2	740.07	749.09	734.36	741.17	1.00	ppb
Zirconium	90-1	7.99	8.37	8.30	8.22	2.48	ppb
Zirconium	91-1	8.09	8.43	8.34	8.29	2.10	ppb

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

P5173-20MS

Instrumnet Name :

P7

Client Sample ID :

MYCZ58SRE

Dilution Factor :

1

Date & Time Acquired :

2024-12-18 16:23:52

DataFile Name :

054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35746.05	36249.99	35840.29	35945.45	0.75	ppb
Antimony	121-1	318.91	317.13	318.42	318.15	0.29	ppb
Arsenic	75-2	216.80	216.95	215.06	216.27	0.49	ppb
Barium	135-1	6384.01	6398.00	6354.18	6378.73	0.35	ppb
Barium	137-1	6379.08	6396.87	6368.84	6381.60	0.22	ppb
Beryllium	9-1	147.71	148.59	148.53	148.28	0.33	ppb
Bismuth	209-1				108		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	145.56	145.33	146.96	145.95	0.60	ppb
Cadmium	106-1	141.96	144.40	144.63	143.66	1.03	ppb
Cadmium	111-1	159.25	162.33	162.85	161.48	1.21	ppb
Calcium	43-1	11265.14	11483.91	11364.27	11371.11	0.96	ppb
Calcium	44-1	10959.78	11045.33	10789.58	10931.56	1.19	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	653.64	658.32	659.09	657.02	0.45	ppb
Cobalt	59-2	1520.70	1549.26	1538.01	1535.99	0.94	ppb
Copper	63-2	805.25	830.24	825.18	820.22	1.61	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				101		%
Indium	115-2				98		%
Iron	56-2	88909.38	89137.48	89835.14	89294.00	0.54	ppb
Iron	57-2	87029.02	88083.47	88271.77	87794.75	0.76	ppb
Iron	54-2	89311.73	89447.99	90663.74	89807.82	0.83	ppb
Krypton	83-1						cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : P5173-20MS Instrumnet Name : P7
Client Sample ID : MYCZ58SRE Dilution Factor : 1
Date & Time Acquired : 2024-12-18 16:23:52 DataFile Name : 054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	208.35	208.70	211.42	209.49	0.80	ppb
Lead	207-1	199.21	202.82	204.59	202.21	1.36	ppb
Lead	208-1	201.07	204.85	205.95	203.96	1.26	ppb
Lithium	6-1				104		%
Magnesium	24-2	14266.78	14489.90	14278.82	14345.16	0.87	ppb
Manganese	55-2	2818.24	2827.64	2840.24	2828.71	0.39	ppb
Molybdenum	94-1	15.60	15.63	15.73	15.65	0.42	ppb
Molybdenum	95-1	1.18	1.18	1.16	1.17	1.25	ppb
Molybdenum	96-1	3.27	3.37	3.31	3.31	1.61	ppb
Molybdenum	97-1	1.17	1.17	1.17	1.17	0.15	ppb
Molybdenum	98-1	1.16	1.19	1.17	1.17	1.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1561.65	1581.25	1581.74	1574.88	0.73	ppb
Phosphorus	31-2	2812.14	2834.63	2814.90	2820.56	0.43	ppb
Potassium	39-2	9796.18	9954.69	9891.28	9880.72	0.81	ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				100		%
Scandium	45-2				95		%
Selenium	82-1	331.56	331.59	332.51	331.89	0.16	ppb
Selenium	77-2	343.08	351.26	338.18	344.17	1.92	ppb
Selenium	78-2	340.17	330.52	326.44	332.38	2.12	ppb
Silicon	28-1	4423.61	4488.27	4391.13	4434.34	1.12	ppb
Silver	107-1	91.17	105.16	122.39	106.24	14.72	ppb
Silver	109-1	100.42	94.64	113.02	102.69	9.16	ppb
Sodium	23-2	262.92	268.57	264.16	265.22	1.12	ppb
Strontium	86-1	1403.20	1421.32	1440.38	1421.63	1.31	ppb
Strontium	88-1	1452.62	1459.53	1467.64	1459.93	0.51	ppb
Sulfur	34-1	-830.43	-779.62	-814.73	-808.26		ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	153.61	153.80	152.42	153.28	0.49	ppb
Thallium	205-1	152.86	154.68	153.92	153.82	0.59	ppb
Tin	118-1	0.88	0.87	0.97	0.90	5.96	ppb
Titanium	47-1	908.86	917.03	914.89	913.59	0.46	ppb

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

P5173-20MS

Instrumnet Name :

P7

Client Sample ID :

MYCZ58SRE

Dilution Factor :

1

Date & Time Acquired :

2024-12-18 16:23:52

DataFile Name :

054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.95	0.96	0.97	0.96	1.06	ppb
Vanadium	51-2	1590.18	1609.48	1593.49	1597.71	0.65	ppb
Yttrium	89-1				107		%
Yttrium	89-2				104		%
Zinc	66-2	1917.68	1945.78	1944.85	1936.10	0.82	ppb
Zirconium	90-1	8.15	8.22	8.15	8.17	0.47	ppb
Zirconium	91-1	8.15	8.35	8.38	8.30	1.50	ppb

LB Number :LB134003Operator :Jaswal

Lab Sample ID :P5177-20Instrumnet Name :P7

Client Sample ID :MYD021Dilution Factor :1

Date & Time Acquired :2024-12-18 16:26:56DataFile Name :055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39725.49	39741.36	39803.75	39756.87	0.10	ppb
Antimony	121-1	0.30	0.28	0.28	0.29	4.30	ppb
Arsenic	75-2	70.11	69.24	70.35	69.90	0.83	ppb
Barium	135-1	298.01	302.80	308.31	303.04	1.70	ppb
Barium	137-1	309.66	317.21	320.60	315.82	1.77	ppb
Beryllium	9-1	1.51	1.46	1.49	1.49	1.52	ppb
Bismuth	209-1				109		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.02	1.30	1.21	1.18	12.44	ppb
Cadmium	106-1	1.37	1.30	1.28	1.32	3.63	ppb
Cadmium	111-1	0.61	0.63	0.60	0.61	2.44	ppb
Calcium	43-1	30469.74	30228.99	30895.90	30531.54	1.11	ppb
Calcium	44-1	30280.93	30738.06	30794.22	30604.41	0.92	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	55.10	55.01	55.08	55.06	0.09	ppb
Cobalt	59-2	43.79	44.02	43.90	43.90	0.27	ppb
Copper	63-2	96.23	97.31	96.71	96.75	0.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				108		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	99264.49	99969.02	99579.23	99604.25	0.35	ppb
Iron	57-2	98103.28	98373.05	98568.49	98348.27	0.24	ppb
Iron	54-2	99368.99	100822.25	99452.38	99881.21	0.82	ppb
Krypton	83-1						cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : P5177-20 Instrumnet Name : P7
Client Sample ID : MYD021 Dilution Factor : 1
Date & Time Acquired : 2024-12-18 16:26:56 DataFile Name : 055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	36.04	37.11	37.07	36.74	1.66	ppb
Lead	207-1	34.57	35.69	35.98	35.41	2.11	ppb
Lead	208-1	34.75	35.84	36.15	35.58	2.07	ppb
Lithium	6-1				105		%
Magnesium	24-2	18213.40	18314.26	18212.07	18246.58	0.32	ppb
Manganese	55-2	1784.26	1788.99	1787.89	1787.05	0.14	ppb
Molybdenum	94-1	14.04	14.64	14.55	14.41	2.26	ppb
Molybdenum	95-1	0.84	0.86	0.88	0.86	2.47	ppb
Molybdenum	96-1	2.86	2.93	2.95	2.91	1.65	ppb
Molybdenum	97-1	0.83	0.84	0.90	0.85	4.23	ppb
Molybdenum	98-1	0.80	0.82	0.83	0.82	1.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	50.10	50.15	49.73	49.99	0.46	ppb
Phosphorus	31-2	2959.70	2929.62	2934.85	2941.39	0.55	ppb
Potassium	39-2	5751.78	5737.19	5771.43	5753.47	0.30	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				104		%
Scandium	45-2				101		%
Selenium	82-1	0.79	0.96	0.65	0.80	19.37	ppb
Selenium	77-2	15.46	14.47	14.44	14.79	3.94	ppb
Selenium	78-2	3.99	2.93	1.91	2.94	35.37	ppb
Silicon	28-1	4746.94	4792.97	4871.08	4803.66	1.31	ppb
Silver	107-1	0.15	0.16	0.15	0.15	3.45	ppb
Silver	109-1	0.15	0.15	0.14	0.15	3.49	ppb
Sodium	23-2	195.55	197.01	194.82	195.79	0.57	ppb
Strontium	86-1	1444.03	1486.20	1500.99	1477.07	2.00	ppb
Strontium	88-1	1474.04	1520.61	1534.01	1509.55	2.09	ppb
Sulfur	34-1	-970.15	-898.42	-828.01	-898.86		ppb
Terbium	159-1				109		%
Terbium	159-2				108		%
Thallium	203-1	0.28	0.29	0.29	0.29	2.21	ppb
Thallium	205-1	0.28	0.29	0.30	0.29	3.02	ppb
Tin	118-1	0.49	0.48	0.50	0.49	1.66	ppb
Titanium	47-1	479.72	482.14	486.60	482.82	0.72	ppb

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

P5177-20

Instrumnet Name :

P7

Client Sample ID :

MYD021

Dilution Factor :

1

Date & Time Acquired :

2024-12-18 16:26:56

DataFile Name :

055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.85	0.88	0.88	0.87	2.16	ppb
Vanadium	51-2	171.65	172.48	172.68	172.27	0.32	ppb
Yttrium	89-1				113		%
Yttrium	89-2				110		%
Zinc	66-2	213.81	215.35	214.14	214.43	0.38	ppb
Zirconium	90-1	7.43	7.69	7.69	7.60	1.97	ppb
Zirconium	91-1	7.35	7.68	7.83	7.62	3.25	ppb

LB Number :LB134003Operator :Jaswal

Lab Sample ID :P5177-21Instrumnet Name :P7

Client Sample ID :MYD021DDilution Factor :1

Date & Time Acquired :2024-12-18 16:30:02DataFile Name :056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38078.57	37760.44	37738.32	37859.11	0.50	ppb
Antimony	121-1	0.31	0.33	0.33	0.32	3.60	ppb
Arsenic	75-2	68.02	70.00	67.88	68.64	1.73	ppb
Barium	135-1	291.18	297.78	297.69	295.55	1.28	ppb
Barium	137-1	302.04	306.84	303.84	304.24	0.80	ppb
Beryllium	9-1	1.32	1.35	1.31	1.33	1.45	ppb
Bismuth	209-1				108		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.99	1.23	1.15	1.12	10.64	ppb
Cadmium	106-1	1.39	1.42	1.49	1.44	3.52	ppb
Cadmium	111-1	0.57	0.57	0.57	0.57	0.40	ppb
Calcium	43-1	30197.68	29703.26	30173.66	30024.87	0.93	ppb
Calcium	44-1	29776.45	29312.92	29368.74	29486.03	0.86	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	49.85	50.17	49.94	49.98	0.33	ppb
Cobalt	59-2	40.18	40.41	40.09	40.23	0.42	ppb
Copper	63-2	93.04	92.75	92.85	92.88	0.15	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				110		%
Holmium	165-2				108		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	56-2	95054.40	95007.90	95203.90	95088.74	0.11	ppb
Iron	57-2	93443.24	94284.55	93243.88	93657.22	0.59	ppb
Iron	54-2	95814.29	95761.52	95452.67	95676.16	0.20	ppb
Krypton	83-1						cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : P5177-21 Instrumnet Name : P7
Client Sample ID : MYD021D Dilution Factor : 1
Date & Time Acquired : 2024-12-18 16:30:02 DataFile Name : 056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	34.69	35.30	35.03	35.00	0.87	ppb
Lead	207-1	33.16	33.91	33.70	33.59	1.15	ppb
Lead	208-1	33.38	33.90	33.90	33.72	0.89	ppb
Lithium	6-1				105		%
Magnesium	24-2	17214.81	17358.56	17059.88	17211.08	0.87	ppb
Manganese	55-2	1729.46	1735.28	1720.73	1728.49	0.42	ppb
Molybdenum	94-1	13.11	13.07	13.14	13.11	0.23	ppb
Molybdenum	95-1	1.13	1.14	1.14	1.14	0.70	ppb
Molybdenum	96-1	2.97	2.97	3.01	2.98	0.87	ppb
Molybdenum	97-1	1.10	1.10	1.14	1.12	1.86	ppb
Molybdenum	98-1	1.09	1.09	1.14	1.11	2.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	46.40	46.51	46.23	46.38	0.30	ppb
Phosphorus	31-2	2792.64	2795.31	2819.65	2802.54	0.53	ppb
Potassium	39-2	5373.10	5436.19	5450.78	5420.03	0.76	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				104		%
Scandium	45-2				101		%
Selenium	82-1	0.82	0.82	0.81	0.82	0.51	ppb
Selenium	77-2	12.19	14.59	14.11	13.63	9.34	ppb
Selenium	78-2	3.47	2.87	2.55	2.97	15.74	ppb
Silicon	28-1	5857.56	5830.87	5811.19	5833.21	0.40	ppb
Silver	107-1	0.13	0.13	0.12	0.13	4.85	ppb
Silver	109-1	0.11	0.12	0.12	0.12	4.30	ppb
Sodium	23-2	192.73	193.43	190.33	192.16	0.85	ppb
Strontium	86-1	1478.65	1475.16	1498.46	1484.09	0.85	ppb
Strontium	88-1	1511.63	1530.21	1502.15	1514.67	0.94	ppb
Sulfur	34-1	-958.26	-950.77	-903.61	-937.54		ppb
Terbium	159-1				109		%
Terbium	159-2				109		%
Thallium	203-1	0.28	0.29	0.28	0.28	3.33	ppb
Thallium	205-1	0.28	0.29	0.29	0.29	1.37	ppb
Tin	118-1	0.37	0.41	0.36	0.38	7.14	ppb
Titanium	47-1	491.11	485.14	487.60	487.95	0.61	ppb

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

P5177-21

Instrumnet Name :

P7

Client Sample ID :

MYD021D

Dilution Factor :

1

Date & Time Acquired :

2024-12-18 16:30:02

DataFile Name :

056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.82	0.82	0.83	0.82	0.65	ppb
Vanadium	51-2	162.85	163.38	163.10	163.11	0.16	ppb
Yttrium	89-1				113		%
Yttrium	89-2				110		%
Zinc	66-2	204.43	204.78	204.10	204.44	0.17	ppb
Zirconium	90-1	6.66	6.73	6.81	6.73	1.12	ppb
Zirconium	91-1	6.75	6.77	6.90	6.81	1.17	ppb

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : P5177-20LX5 Instrumnet Name : P7
Client Sample ID : MYD021L Dilution Factor : 5
Date & Time Acquired : 2024-12-18 16:33:11 DataFile Name : 057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8438.77	8297.28	8337.27	8357.77	0.87	ppb
Antimony	121-1	0.05	0.06	0.06	0.06	1.93	ppb
Arsenic	75-2	15.43	15.23	15.37	15.34	0.65	ppb
Barium	135-1	61.39	62.54	61.67	61.87	0.97	ppb
Barium	137-1	61.64	62.47	62.64	62.25	0.86	ppb
Beryllium	9-1	0.33	0.31	0.32	0.32	3.88	ppb
Bismuth	209-1				108		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.24	0.34	0.17	0.25	33.89	ppb
Cadmium	106-1	-0.66	-0.85	-0.51	-0.67		ppb
Cadmium	111-1	0.04	0.02	0.08	0.05	56.04	ppb
Calcium	43-1	6622.09	6724.45	6738.00	6694.85	0.95	ppb
Calcium	44-1	6460.41	6524.61	6486.80	6490.61	0.50	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	11.61	11.54	11.50	11.55	0.47	ppb
Cobalt	59-2	9.15	9.33	9.30	9.26	1.08	ppb
Copper	63-2	20.70	20.54	20.70	20.65	0.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				108		%
Indium	115-1				105		%
Indium	115-2				104		%
Iron	56-2	21238.65	20972.01	21016.26	21075.64	0.68	ppb
Iron	57-2	20974.49	20603.13	20969.20	20848.94	1.02	ppb
Iron	54-2	21113.88	20983.10	20999.01	21032.00	0.34	ppb
Krypton	83-1						cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : P5177-20LX5 Instrumnet Name : P7
Client Sample ID : MYD021L Dilution Factor : 5
Date & Time Acquired : 2024-12-18 16:33:11 DataFile Name : 057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	7.45	7.42	7.51	7.46	0.67	ppb
Lead	207-1	7.15	7.13	7.26	7.18	0.92	ppb
Lead	208-1	7.19	7.19	7.31	7.23	0.97	ppb
Lithium	6-1				104		%
Magnesium	24-2	3903.62	3809.24	3843.21	3852.03	1.24	ppb
Manganese	55-2	387.72	382.32	376.65	382.23	1.45	ppb
Molybdenum	94-1	3.21	3.16	3.21	3.19	0.94	ppb
Molybdenum	95-1	0.18	0.19	0.18	0.18	1.99	ppb
Molybdenum	96-1	0.65	0.67	0.64	0.65	2.09	ppb
Molybdenum	97-1	0.16	0.18	0.19	0.18	7.52	ppb
Molybdenum	98-1	0.18	0.18	0.19	0.18	2.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	10.35	10.53	10.32	10.40	1.12	ppb
Phosphorus	31-2	592.19	609.31	597.71	599.74	1.46	ppb
Potassium	39-2	1220.09	1226.32	1214.13	1220.18	0.50	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	82-1	0.36	0.25	-0.17	0.15	194.26	ppb
Selenium	77-2	4.22	1.93	3.23	3.13	36.85	ppb
Selenium	78-2	1.03	0.63	0.01	0.56	92.80	ppb
Silicon	28-1	987.85	995.08	1008.66	997.20	1.06	ppb
Silver	107-1	0.03	0.03	0.03	0.03	0.91	ppb
Silver	109-1	0.03	0.02	0.02	0.03	9.15	ppb
Sodium	23-2	50.91	50.59	50.88	50.79	0.35	ppb
Strontium	86-1	318.86	329.79	324.90	324.52	1.69	ppb
Strontium	88-1	324.42	327.98	327.59	326.66	0.60	ppb
Sulfur	34-1	-1310.86	-1226.17	-1188.35	-1241.79		ppb
Terbium	159-1				108		%
Terbium	159-2				107		%
Thallium	203-1	0.09	0.08	0.09	0.09	9.26	ppb
Thallium	205-1	0.08	0.08	0.08	0.08	1.00	ppb
Tin	118-1	0.09	0.10	0.07	0.08	13.87	ppb
Titanium	47-1	100.26	101.83	103.53	101.87	1.61	ppb

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

P5177-20LX5

Instrumnet Name :

P7

Client Sample ID :

MYD021L

Dilution Factor :

5

Date & Time Acquired :

2024-12-18 16:33:11

DataFile Name :

057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.18	0.17	0.18	0.17	2.67	ppb
Vanadium	51-2	35.72	36.16	35.77	35.88	0.68	ppb
Yttrium	89-1				105		%
Yttrium	89-2				104		%
Zinc	66-2	45.27	46.13	45.32	45.57	1.06	ppb
Zirconium	90-1	1.66	1.68	1.69	1.68	0.98	ppb
Zirconium	91-1	1.66	1.73	1.73	1.70	2.45	ppb

LB Number :LB134003Operator :Jaswal

Lab Sample ID :P5177-22Instrumnet Name :P7

Client Sample ID :MYD021SDilution Factor :1

Date & Time Acquired :2024-12-18 16:36:19DataFile Name :058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40491.27	40592.38	40620.76	40568.14	0.17	ppb
Antimony	121-1	72.79	72.95	73.73	73.16	0.69	ppb
Arsenic	75-2	96.50	96.36	96.58	96.48	0.11	ppb
Barium	135-1	1765.07	1751.88	1795.51	1770.82	1.26	ppb
Barium	137-1	1765.37	1768.40	1779.75	1771.17	0.43	ppb
Beryllium	9-1	36.15	37.35	37.29	36.93	1.83	ppb
Bismuth	209-1				110		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	35.56	35.52	35.86	35.65	0.52	ppb
Cadmium	106-1	35.50	34.75	35.32	35.19	1.11	ppb
Cadmium	111-1	38.32	38.05	38.98	38.45	1.24	ppb
Calcium	43-1	29922.29	30849.61	31044.00	30605.30	1.96	ppb
Calcium	44-1	30217.34	30460.81	30299.48	30325.88	0.41	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	194.84	194.94	194.01	194.60	0.27	ppb
Cobalt	59-2	400.42	400.46	396.82	399.23	0.52	ppb
Copper	63-2	263.34	265.05	262.43	263.61	0.51	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				109		%
Indium	115-1				106		%
Indium	115-2				102		%
Iron	56-2	98719.79	98834.07	99330.67	98961.51	0.33	ppb
Iron	57-2	97830.91	97353.91	98059.35	97748.06	0.37	ppb
Iron	54-2	98869.18	99348.64	98859.51	99025.78	0.28	ppb
Krypton	83-1						cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : P5177-22 Instrumnet Name : P7
Client Sample ID : MYD021S Dilution Factor : 1
Date & Time Acquired : 2024-12-18 16:36:19 DataFile Name : 058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	51.06	51.30	51.05	51.14	0.28	ppb
Lead	207-1	48.38	48.24	48.52	48.38	0.29	ppb
Lead	208-1	48.98	49.21	49.09	49.09	0.23	ppb
Lithium	6-1				106		%
Magnesium	24-2	17884.13	18075.00	17898.01	17952.38	0.59	ppb
Manganese	55-2	2109.84	2126.77	2111.95	2116.19	0.44	ppb
Molybdenum	94-1	14.23	14.04	14.43	14.23	1.36	ppb
Molybdenum	95-1	0.88	0.87	0.88	0.88	0.65	ppb
Molybdenum	96-1	2.99	2.97	2.96	2.97	0.65	ppb
Molybdenum	97-1	0.91	0.87	0.87	0.88	2.53	ppb
Molybdenum	98-1	0.84	0.87	0.85	0.85	1.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	396.61	396.41	397.36	396.80	0.13	ppb
Phosphorus	31-2	2945.02	2911.27	2922.13	2926.14	0.59	ppb
Potassium	39-2	5551.01	5622.63	5649.42	5607.69	0.91	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				106		%
Scandium	45-2				102		%
Selenium	82-1	69.25	69.40	70.06	69.57	0.61	ppb
Selenium	77-2	82.90	84.20	80.78	82.63	2.09	ppb
Selenium	78-2	74.08	75.35	73.67	74.37	1.18	ppb
Silicon	28-1	4823.28	4922.93	5003.42	4916.55	1.84	ppb
Silver	107-1	34.83	35.49	35.99	35.43	1.65	ppb
Silver	109-1	34.80	35.11	35.76	35.23	1.38	ppb
Sodium	23-2	191.56	191.23	191.15	191.31	0.11	ppb
Strontium	86-1	1459.75	1480.45	1475.68	1471.96	0.74	ppb
Strontium	88-1	1493.56	1500.61	1517.55	1503.91	0.82	ppb
Sulfur	34-1	-888.64	-835.01	-766.92	-830.19		ppb
Terbium	159-1				111		%
Terbium	159-2				109		%
Thallium	203-1	34.67	34.86	35.23	34.92	0.80	ppb
Thallium	205-1	34.80	34.79	34.90	34.83	0.17	ppb
Tin	118-1	0.46	0.46	0.46	0.46	0.88	ppb
Titanium	47-1	477.54	479.71	488.57	481.94	1.21	ppb

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

P5177-22

Instrumnet Name :

P7

Client Sample ID :

MYD021S

Dilution Factor :

1

Date & Time Acquired :

2024-12-18 16:36:19

DataFile Name :

058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.85	0.86	0.86	0.86	0.67	ppb
Vanadium	51-2	531.69	528.33	521.37	527.13	1.00	ppb
Yttrium	89-1				115		%
Yttrium	89-2				111		%
Zinc	66-2	556.26	557.48	558.34	557.36	0.19	ppb
Zirconium	90-1	7.36	7.53	7.40	7.43	1.26	ppb
Zirconium	91-1	7.55	7.45	7.57	7.52	0.81	ppb

LB Number :LB134003Operator :Jaswal

Lab Sample ID :P5177-20MSInstrumnet Name :P7

Client Sample ID :MYD021SREDilution Factor :1

Date & Time Acquired :2024-12-18 16:39:21DataFile Name :059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	44818.53	44808.08	44380.34	44668.98	0.56	ppb
Antimony	121-1	302.61	305.16	304.95	304.24	0.47	ppb
Arsenic	75-2	184.92	181.27	178.24	181.47	1.84	ppb
Barium	135-1	6304.75	6386.00	6357.59	6349.45	0.65	ppb
Barium	137-1	6276.15	6358.96	6430.42	6355.18	1.21	ppb
Beryllium	9-1	148.18	152.15	153.22	151.18	1.76	ppb
Bismuth	209-1				109		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	138.63	139.65	140.99	139.76	0.85	ppb
Cadmium	106-1	137.12	139.34	138.37	138.28	0.80	ppb
Cadmium	111-1	151.94	155.12	156.79	154.62	1.59	ppb
Calcium	43-1	29043.97	30359.22	29866.21	29756.47	2.23	ppb
Calcium	44-1	29118.04	29919.10	29779.98	29605.71	1.45	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	663.72	655.78	656.30	658.60	0.67	ppb
Cobalt	59-2	1549.81	1530.13	1516.17	1532.04	1.10	ppb
Copper	63-2	809.88	804.47	793.33	802.56	1.05	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				108		%
Indium	115-1				105		%
Indium	115-2				100		%
Iron	56-2	101497.79	101012.98	100659.53	101056.77	0.42	ppb
Iron	57-2	100157.22	98630.59	99126.84	99304.88	0.78	ppb
Iron	54-2	101840.60	101833.27	101230.35	101634.74	0.34	ppb
Krypton	83-1						cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : P5177-20MS Instrumnet Name : P7
Client Sample ID : MYD021SRE Dilution Factor : 1
Date & Time Acquired : 2024-12-18 16:39:21 DataFile Name : 059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	94.26	96.55	96.89	95.90	1.49	ppb
Lead	207-1	87.51	89.66	90.44	89.20	1.70	ppb
Lead	208-1	91.68	93.97	93.98	93.21	1.42	ppb
Lithium	6-1				105		%
Magnesium	24-2	17912.75	17874.33	17703.54	17830.21	0.62	ppb
Manganese	55-2	3265.13	3221.62	3186.84	3224.53	1.22	ppb
Molybdenum	94-1	13.59	14.22	14.05	13.95	2.34	ppb
Molybdenum	95-1	0.85	0.90	0.90	0.88	3.26	ppb
Molybdenum	96-1	2.88	2.97	2.99	2.95	2.10	ppb
Molybdenum	97-1	0.85	0.88	0.89	0.87	2.41	ppb
Molybdenum	98-1	0.88	0.90	0.89	0.89	0.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1598.85	1555.29	1550.08	1568.08	1.71	ppb
Phosphorus	31-2	2920.81	2893.59	2876.68	2897.03	0.77	ppb
Potassium	39-2	5556.52	5584.80	5508.46	5549.93	0.70	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				105		%
Scandium	45-2				98		%
Selenium	82-1	317.23	324.42	327.93	323.19	1.69	ppb
Selenium	77-2	357.73	349.18	325.75	344.22	4.81	ppb
Selenium	78-2	328.79	327.75	328.27	328.27	0.16	ppb
Silicon	28-1	4576.82	4765.86	4789.02	4710.56	2.47	ppb
Silver	107-1	162.05	89.33	100.43	117.27	33.41	ppb
Silver	109-1	155.17	116.15	108.97	126.76	19.61	ppb
Sodium	23-2	189.15	191.19	187.59	189.31	0.95	ppb
Strontium	86-1	1421.29	1452.17	1448.64	1440.70	1.17	ppb
Strontium	88-1	1457.20	1498.65	1474.55	1476.80	1.41	ppb
Sulfur	34-1	-931.95	-876.33	-873.89	-894.06		ppb
Terbium	159-1				110		%
Terbium	159-2				108		%
Thallium	203-1	149.30	151.76	149.79	150.28	0.87	ppb
Thallium	205-1	149.06	151.60	151.93	150.86	1.04	ppb
Tin	118-1	0.48	0.49	0.48	0.48	1.00	ppb
Titanium	47-1	459.39	472.29	467.47	466.38	1.40	ppb

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

P5177-20MS

Instrumnet Name :

P7

Client Sample ID :

MYD021SRE

Dilution Factor :

1

Date & Time Acquired :

2024-12-18 16:39:21

DataFile Name :

059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.82	0.88	0.87	0.86	3.70	ppb
Vanadium	51-2	1652.82	1653.18	1640.07	1648.69	0.45	ppb
Yttrium	89-1				113		%
Yttrium	89-2				108		%
Zinc	66-2	1737.91	1721.81	1713.11	1724.28	0.73	ppb
Zirconium	90-1	7.23	7.44	7.46	7.38	1.74	ppb
Zirconium	91-1	7.29	7.61	7.71	7.53	2.89	ppb

LB Number :LB134003Operator :Jaswal

Lab Sample ID :CCV012Instrumnet Name :P7

Client Sample ID :CCV012Dilution Factor :1

Date & Time Acquired :2024-12-18 16:42:13DataFile Name :060CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51637.69	51147.88	51493.82	51426.46	0.49	ppb
Antimony	121-1	464.20	491.86	498.80	484.95	3.77	ppb
Arsenic	75-2	524.72	523.65	512.52	520.30	1.30	ppb
Barium	135-1	2334.37	2481.83	2529.56	2448.59	4.16	ppb
Barium	137-1	2343.27	2484.18	2530.66	2452.70	3.98	ppb
Beryllium	9-1	442.22	474.91	480.21	465.78	4.42	ppb
Bismuth	209-1				99		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	482.32	507.55	524.62	504.83	4.21	ppb
Cadmium	106-1	483.18	519.33	521.89	508.13	4.26	ppb
Cadmium	111-1	482.17	521.30	525.35	509.61	4.68	ppb
Calcium	43-1	235553.54	253087.54	253573.91	247405.00	4.15	ppb
Calcium	44-1	236540.62	253985.34	253907.92	248144.63	4.05	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	496.17	500.32	499.10	498.53	0.43	ppb
Cobalt	59-2	488.96	487.12	486.41	487.50	0.27	ppb
Copper	63-2	4929.98	4985.69	4982.13	4965.93	0.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				102		%
Indium	115-1				94		%
Indium	115-2				91		%
Iron	56-2	129836.17	130389.42	130178.71	130134.77	0.21	ppb
Iron	57-2	129390.68	129882.78	128847.82	129373.76	0.40	ppb
Iron	54-2	130283.34	131283.48	129774.53	130447.12	0.59	ppb
Krypton	83-1						cps

LB Number :	LB134003	Operator :	Jaswal
Lab Sample ID :	CCV012	Instrumnet Name :	P7
Client Sample ID :	CCV012	Dilution Factor :	1
Date & Time Acquired :	2024-12-18 16:42:13	DataFile Name :	060CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2363.78	2555.10	2546.02	2488.30	4.34	ppb
Lead	207-1	2365.28	2541.18	2534.48	2480.31	4.02	ppb
Lead	208-1	2361.28	2540.06	2537.52	2479.62	4.13	ppb
Lithium	6-1				101		%
Magnesium	24-2	254950.09	252139.89	252444.55	253178.18	0.61	ppb
Manganese	55-2	4906.21	4956.43	4942.17	4934.94	0.52	ppb
Molybdenum	94-1	4619.33	4945.26	5030.84	4865.14	4.46	ppb
Molybdenum	95-1	4617.40	5008.07	5071.45	4898.97	5.02	ppb
Molybdenum	96-1	4606.31	5007.49	5038.61	4884.14	4.94	ppb
Molybdenum	97-1	4623.17	4974.67	5010.16	4869.33	4.39	ppb
Molybdenum	98-1	4607.90	4986.43	4993.60	4862.64	4.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	471.21	469.60	466.99	469.27	0.45	ppb
Phosphorus	31-2	9901.95	9956.30	9884.39	9914.21	0.38	ppb
Potassium	39-2	126314.20	126973.72	125986.83	126424.92	0.40	ppb
Rhodium	103-1				90		%
Rhodium	103-2				87		%
Scandium	45-1				94		%
Scandium	45-2				88		%
Selenium	82-1	476.17	510.99	518.81	501.99	4.52	ppb
Selenium	77-2	519.81	528.60	512.88	520.43	1.51	ppb
Selenium	78-2	523.08	517.33	511.76	517.39	1.09	ppb
Silicon	28-1	449.23	501.95	498.61	483.26	6.11	ppb
Silver	107-1	482.57	512.48	514.56	503.20	3.56	ppb
Silver	109-1	478.62	507.42	510.00	498.68	3.49	ppb
Sodium	23-2	319978.40	319729.73	318771.99	319493.37	0.20	ppb
Strontium	86-1	11658.56	12768.33	12714.57	12380.49	5.05	ppb
Strontium	88-1	11618.37	12512.95	12662.34	12264.55	4.60	ppb
Sulfur	34-1	8165.17	9065.72	8930.75	8720.55	5.57	ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	473.29	511.82	504.98	496.70	4.14	ppb
Thallium	205-1	476.96	512.30	508.50	499.25	3.89	ppb
Tin	118-1	465.34	495.49	503.33	488.05	4.11	ppb
Titanium	47-1	4583.52	4961.25	4915.99	4820.25	4.28	ppb

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

CCV012

Instrumnet Name :

P7

Client Sample ID :

CCV012

Dilution Factor :

1

Date & Time Acquired :

2024-12-18 16:42:13

DataFile Name :

060CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	476.47	514.81	511.92	501.07	4.26	ppb
Vanadium	51-2	511.68	509.62	502.58	507.96	0.94	ppb
Yttrium	89-1				96		%
Yttrium	89-2				91		%
Zinc	66-2	4905.47	4995.05	4858.10	4919.54	1.41	ppb
Zirconium	90-1	466.70	503.49	507.34	492.51	4.55	ppb
Zirconium	91-1	469.25	502.43	505.54	492.41	4.08	ppb

LB Number :LB134003Operator :Jaswal

Lab Sample ID :CCB012Instrumnet Name :P7

Client Sample ID :CCB012Dilution Factor :1

Date & Time Acquired :2024-12-18 16:44:57DataFile Name :061CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.88	3.06	2.64	2.86	7.28	ppb
Antimony	121-1	0.26	0.22	0.20	0.23	11.97	ppb
Arsenic	75-2	0.01	0.03	0.03	0.02	48.77	ppb
Barium	135-1	0.35	0.28	0.22	0.28	22.72	ppb
Barium	137-1	0.33	0.26	0.21	0.27	21.50	ppb
Beryllium	9-1	0.09	0.09	0.09	0.09	5.28	ppb
Bismuth	209-1				105		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.12	0.09	0.07	0.09	27.25	ppb
Cadmium	106-1	-0.27	-0.99	-0.55	-0.60		ppb
Cadmium	111-1	0.03	-0.03	0.02	0.01	371.76	ppb
Calcium	43-1	27.47	21.48	20.25	23.07	16.75	ppb
Calcium	44-1	29.09	24.79	19.72	24.53	19.13	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.21	0.20	0.22	0.21	4.10	ppb
Cobalt	59-2	0.05	0.05	0.05	0.05	4.54	ppb
Copper	63-2	0.38	0.36	0.37	0.37	2.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				104		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	56-2	10.27	9.52	9.09	9.63	6.17	ppb
Iron	57-2	7.07	4.78	6.08	5.97	19.22	ppb
Iron	54-2	11.79	9.19	8.51	9.83	17.61	ppb
Krypton	83-1						cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : CCB012 Instrumnet Name : P7
Client Sample ID : CCB012 Dilution Factor : 1
Date & Time Acquired : 2024-12-18 16:44:57 DataFile Name : 061CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.29	0.25	0.20	0.25	17.07	ppb
Lead	207-1	0.30	0.24	0.21	0.25	17.59	ppb
Lead	208-1	0.29	0.26	0.21	0.25	15.55	ppb
Lithium	6-1				105		%
Magnesium	24-2	15.09	13.00	13.27	13.79	8.24	ppb
Manganese	55-2	0.36	0.36	0.31	0.34	7.63	ppb
Molybdenum	94-1	0.65	0.56	0.44	0.55	19.30	ppb
Molybdenum	95-1	0.63	0.53	0.43	0.53	19.10	ppb
Molybdenum	96-1	0.64	0.50	0.45	0.53	18.98	ppb
Molybdenum	97-1	0.62	0.54	0.47	0.54	13.24	ppb
Molybdenum	98-1	0.66	0.53	0.46	0.55	18.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.11	0.14	0.17	0.14	19.56	ppb
Phosphorus	31-2	-20.38	-15.74	-19.02	-18.38		ppb
Potassium	39-2	13.50	12.74	12.43	12.89	4.28	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				93		%
Scandium	45-2				91		%
Selenium	82-1	-0.15	-0.19	0.05	-0.10		ppb
Selenium	77-2	-0.04	-0.04	-0.04	-0.04		ppb
Selenium	78-2	0.36	0.08	0.02	0.15	117.94	ppb
Silicon	28-1	-40.23	-40.10	-41.65	-40.66		ppb
Silver	107-1	0.11	0.09	0.08	0.09	15.63	ppb
Silver	109-1	0.12	0.08	0.07	0.09	24.67	ppb
Sodium	23-2	35.55	34.07	32.59	34.07	4.34	ppb
Strontium	86-1	1.27	1.29	0.83	1.13	22.87	ppb
Strontium	88-1	1.49	1.24	0.97	1.23	21.05	ppb
Sulfur	34-1	-578.61	-428.43	-531.54	-512.86		ppb
Terbium	159-1				103		%
Terbium	159-2				104		%
Thallium	203-1	0.11	0.09	0.08	0.10	16.39	ppb
Thallium	205-1	0.10	0.09	0.08	0.09	11.01	ppb
Tin	118-1	0.05	0.07	0.05	0.06	16.13	ppb
Titanium	47-1	0.55	0.45	0.42	0.47	13.79	ppb

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

CCB012

Instrumnet Name :

P7

Client Sample ID :

CCB012

Dilution Factor :

1

Date & Time Acquired :

2024-12-18 16:44:57

DataFile Name :

061CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.04	0.04	0.03	0.04	12.95	ppb
Vanadium	51-2	0.03	0.04	0.04	0.04	6.69	ppb
Yttrium	89-1				96		%
Yttrium	89-2				96		%
Zinc	66-2	0.29	0.35	0.35	0.33	10.12	ppb
Zirconium	90-1	0.06	0.06	0.05	0.06	12.23	ppb
Zirconium	91-1	0.07	0.06	0.06	0.06	8.15	ppb

LB Number :LB134003Operator :Jaswal

Lab Sample ID :P5178-20Instrumnet Name :P7

Client Sample ID :MYCZ88Dilution Factor :1

Date & Time Acquired :2024-12-18 16:48:12DataFile Name :062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	32209.47	31899.92	32249.18	32119.52	0.60	ppb
Antimony	121-1	0.12	0.13	0.13	0.13	3.27	ppb
Arsenic	75-2	30.26	31.27	31.45	30.99	2.07	ppb
Barium	135-1	360.05	373.18	376.21	369.81	2.32	ppb
Barium	137-1	379.56	389.53	394.98	388.02	2.02	ppb
Beryllium	9-1	1.35	1.31	1.49	1.38	7.11	ppb
Bismuth	209-1				108		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.91	0.93	0.71	0.85	14.42	ppb
Cadmium	106-1	1.29	1.01	0.98	1.09	15.44	ppb
Cadmium	111-1	0.38	0.40	0.40	0.40	3.21	ppb
Calcium	43-1	31672.44	32272.17	31908.49	31951.03	0.95	ppb
Calcium	44-1	31313.55	31996.95	31991.00	31767.17	1.24	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	51.55	51.35	51.58	51.50	0.24	ppb
Cobalt	59-2	32.09	32.17	32.23	32.16	0.22	ppb
Copper	63-2	60.54	60.00	60.59	60.38	0.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				109		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	60335.34	60541.76	60838.77	60571.96	0.42	ppb
Iron	57-2	60377.87	59412.75	59938.07	59909.56	0.81	ppb
Iron	54-2	61136.45	60493.44	61208.27	60946.06	0.65	ppb
Krypton	83-1						cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : P5178-20 Instrumnet Name : P7
Client Sample ID : MYCZ88 Dilution Factor : 1
Date & Time Acquired : 2024-12-18 16:48:12 DataFile Name : 062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	21.64	22.43	22.44	22.17	2.08	ppb
Lead	207-1	20.23	20.52	20.68	20.48	1.11	ppb
Lead	208-1	20.55	21.26	21.17	20.99	1.86	ppb
Lithium	6-1				108		%
Magnesium	24-2	17424.41	17443.18	17575.36	17480.98	0.47	ppb
Manganese	55-2	1638.24	1656.06	1651.93	1648.75	0.57	ppb
Molybdenum	94-1	9.11	9.23	9.30	9.21	1.09	ppb
Molybdenum	95-1	0.39	0.38	0.39	0.39	1.37	ppb
Molybdenum	96-1	1.68	1.72	1.68	1.69	1.49	ppb
Molybdenum	97-1	0.39	0.41	0.35	0.39	7.62	ppb
Molybdenum	98-1	0.38	0.38	0.36	0.37	2.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	47.49	46.95	48.13	47.53	1.24	ppb
Phosphorus	31-2	2285.65	2275.92	2274.52	2278.69	0.27	ppb
Potassium	39-2	4048.29	3984.80	4081.93	4038.34	1.22	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	82-1	0.70	0.20	0.63	0.51	53.69	ppb
Selenium	77-2	13.02	14.53	12.33	13.29	8.45	ppb
Selenium	78-2	2.20	2.10	1.63	1.98	15.33	ppb
Silicon	28-1	6102.70	6202.90	6156.62	6154.07	0.81	ppb
Silver	107-1	0.07	0.07	0.07	0.07	1.63	ppb
Silver	109-1	0.06	0.06	0.07	0.06	6.12	ppb
Sodium	23-2	202.37	200.89	202.26	201.84	0.41	ppb
Strontium	86-1	3720.82	3824.91	3811.41	3785.71	1.50	ppb
Strontium	88-1	3845.78	3905.41	3908.84	3886.67	0.91	ppb
Sulfur	34-1	-923.62	-891.67	-927.36	-914.22		ppb
Terbium	159-1				109		%
Terbium	159-2				109		%
Thallium	203-1	0.26	0.25	0.26	0.26	1.01	ppb
Thallium	205-1	0.26	0.26	0.25	0.25	1.70	ppb
Tin	118-1	0.03	0.04	0.05	0.04	21.71	ppb
Titanium	47-1	211.09	215.35	214.30	213.58	1.04	ppb

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

P5178-20

Instrumnet Name :

P7

Client Sample ID :

MYCZ88

Dilution Factor :

1

Date & Time Acquired :

2024-12-18 16:48:12

DataFile Name :

062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.72	0.73	0.73	0.73	0.96	ppb
Vanadium	51-2	94.62	93.76	95.11	94.50	0.72	ppb
Yttrium	89-1				110		%
Yttrium	89-2				109		%
Zinc	66-2	160.16	161.13	160.43	160.57	0.31	ppb
Zirconium	90-1	4.75	4.86	4.98	4.86	2.30	ppb
Zirconium	91-1	4.78	4.92	4.94	4.88	1.79	ppb

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : P5178-21 Instrumnet Name : P7
Client Sample ID : MYCZ88D Dilution Factor : 1
Date & Time Acquired : 2024-12-18 16:51:20 DataFile Name : 063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	32220.95	31960.13	32189.05	32123.38	0.44	ppb
Antimony	121-1	0.11	0.11	0.11	0.11	3.10	ppb
Arsenic	75-2	31.03	32.01	30.86	31.30	1.98	ppb
Barium	135-1	374.48	379.58	373.60	375.89	0.86	ppb
Barium	137-1	387.30	387.73	384.16	386.40	0.50	ppb
Beryllium	9-1	1.43	1.32	1.34	1.36	4.11	ppb
Bismuth	209-1				108		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.89	0.98	0.92	0.93	4.98	ppb
Cadmium	106-1	1.51	1.72	0.74	1.33	39.10	ppb
Cadmium	111-1	0.43	0.48	0.38	0.43	11.90	ppb
Calcium	43-1	31771.60	31888.07	32609.21	32089.63	1.41	ppb
Calcium	44-1	31962.58	31849.12	32216.26	32009.32	0.59	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	49.74	49.69	49.38	49.60	0.39	ppb
Cobalt	59-2	32.16	32.18	31.69	32.01	0.86	ppb
Copper	63-2	61.71	62.17	61.44	61.77	0.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				109		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	56-2	60378.29	60937.52	60329.45	60548.42	0.56	ppb
Iron	57-2	59707.79	60397.04	59186.24	59763.69	1.02	ppb
Iron	54-2	60696.36	61291.82	60546.51	60844.90	0.65	ppb
Krypton	83-1						cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : P5178-21 Instrumnet Name : P7
Client Sample ID : MYCZ88D Dilution Factor : 1
Date & Time Acquired : 2024-12-18 16:51:20 DataFile Name : 063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	22.90	22.97	22.82	22.90	0.31	ppb
Lead	207-1	21.40	21.36	21.27	21.35	0.31	ppb
Lead	208-1	21.78	21.87	21.79	21.81	0.23	ppb
Lithium	6-1				107		%
Magnesium	24-2	17778.74	17794.95	17414.28	17662.66	1.22	ppb
Manganese	55-2	1614.53	1615.88	1592.26	1607.56	0.82	ppb
Molybdenum	94-1	10.86	10.90	11.10	10.95	1.16	ppb
Molybdenum	95-1	0.35	0.36	0.36	0.36	1.41	ppb
Molybdenum	96-1	1.83	1.88	1.86	1.86	1.30	ppb
Molybdenum	97-1	0.35	0.35	0.37	0.35	3.11	ppb
Molybdenum	98-1	0.33	0.33	0.33	0.33	0.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	47.34	47.74	47.75	47.61	0.49	ppb
Phosphorus	31-2	2277.95	2280.32	2265.41	2274.56	0.35	ppb
Potassium	39-2	3975.44	4012.58	3994.69	3994.24	0.47	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				101		%
Selenium	82-1	0.61	0.62	0.48	0.57	13.99	ppb
Selenium	77-2	12.88	12.60	11.43	12.30	6.23	ppb
Selenium	78-2	2.32	1.50	2.10	1.98	21.40	ppb
Silicon	28-1	5438.49	5390.71	5551.01	5460.07	1.51	ppb
Silver	107-1	0.07	0.07	0.07	0.07	2.27	ppb
Silver	109-1	0.06	0.07	0.07	0.07	7.39	ppb
Sodium	23-2	193.20	193.68	194.05	193.65	0.22	ppb
Strontium	86-1	3814.72	3800.56	3844.17	3819.82	0.58	ppb
Strontium	88-1	3918.37	3895.74	3892.54	3902.21	0.36	ppb
Sulfur	34-1	-1085.68	-1103.06	-1059.87	-1082.87		ppb
Terbium	159-1				109		%
Terbium	159-2				109		%
Thallium	203-1	0.25	0.25	0.24	0.25	2.15	ppb
Thallium	205-1	0.25	0.25	0.24	0.25	1.26	ppb
Tin	118-1	0.13	0.12	0.14	0.13	6.63	ppb
Titanium	47-1	236.08	237.12	240.82	238.01	1.05	ppb

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

P5178-21

Instrumnet Name :

P7

Client Sample ID :

MYCZ88D

Dilution Factor :

1

Date & Time Acquired :

2024-12-18 16:51:20

DataFile Name :

063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.72	0.71	0.70	0.71	1.41	ppb
Vanadium	51-2	94.29	94.85	94.02	94.39	0.45	ppb
Yttrium	89-1				112		%
Yttrium	89-2				110		%
Zinc	66-2	159.13	160.05	158.52	159.23	0.48	ppb
Zirconium	90-1	5.79	5.87	5.86	5.84	0.72	ppb
Zirconium	91-1	5.92	5.91	6.00	5.94	0.82	ppb

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : P5178-20LX5 Instrumnet Name : P7
Client Sample ID : MYCZ88L Dilution Factor : 5
Date & Time Acquired : 2024-12-18 16:54:27 DataFile Name : 064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6606.12	6537.28	6611.56	6584.99	0.63	ppb
Antimony	121-1	0.03	0.03	0.04	0.04	7.09	ppb
Arsenic	75-2	6.76	6.89	6.97	6.87	1.57	ppb
Barium	135-1	75.44	76.48	77.65	76.52	1.45	ppb
Barium	137-1	76.63	77.29	77.86	77.26	0.80	ppb
Beryllium	9-1	0.32	0.32	0.31	0.31	1.23	ppb
Bismuth	209-1				108		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.13	0.18	0.08	0.13	41.00	ppb
Cadmium	106-1	-0.57	-0.17	-0.69	-0.47		ppb
Cadmium	111-1	0.03	0.05	0.04	0.04	26.08	ppb
Calcium	43-1	6889.66	6945.30	6838.26	6891.07	0.78	ppb
Calcium	44-1	6695.29	6717.25	6705.27	6705.93	0.16	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	10.77	10.64	10.51	10.64	1.23	ppb
Cobalt	59-2	6.66	6.63	6.61	6.63	0.42	ppb
Copper	63-2	12.56	12.64	12.66	12.62	0.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				107		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	56-2	12758.89	12640.11	12598.23	12665.74	0.66	ppb
Iron	57-2	12406.75	12628.62	12318.22	12451.20	1.28	ppb
Iron	54-2	12771.37	12581.43	12669.03	12673.94	0.75	ppb
Krypton	83-1						cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : P5178-20LX5 Instrumnet Name : P7
Client Sample ID : MYCZ88L Dilution Factor : 5
Date & Time Acquired : 2024-12-18 16:54:27 DataFile Name : 064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4.41	4.45	4.41	4.43	0.44	ppb
Lead	207-1	4.12	4.19	4.11	4.14	1.00	ppb
Lead	208-1	4.21	4.26	4.25	4.24	0.66	ppb
Lithium	6-1				105		%
Magnesium	24-2	3641.90	3617.61	3603.37	3620.96	0.54	ppb
Manganese	55-2	350.79	341.63	341.12	344.51	1.58	ppb
Molybdenum	94-1	1.95	2.00	1.99	1.98	1.34	ppb
Molybdenum	95-1	0.08	0.08	0.08	0.08	1.97	ppb
Molybdenum	96-1	0.37	0.34	0.36	0.36	3.41	ppb
Molybdenum	97-1	0.08	0.06	0.09	0.08	15.72	ppb
Molybdenum	98-1	0.08	0.08	0.06	0.07	15.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	10.00	9.99	9.87	9.95	0.74	ppb
Phosphorus	31-2	456.57	442.35	426.50	441.81	3.40	ppb
Potassium	39-2	848.11	842.33	832.01	840.81	0.97	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	82-1	0.03	0.04	-0.11	-0.01		ppb
Selenium	77-2	1.07	2.94	2.20	2.07	45.52	ppb
Selenium	78-2	0.70	0.63	0.26	0.53	44.42	ppb
Silicon	28-1	1253.34	1278.88	1332.10	1288.11	3.12	ppb
Silver	107-1	0.01	0.01	0.01	0.01	19.31	ppb
Silver	109-1	0.01	0.01	0.01	0.01	1.37	ppb
Sodium	23-2	52.44	52.45	52.31	52.40	0.15	ppb
Strontium	86-1	810.67	822.01	833.12	821.94	1.37	ppb
Strontium	88-1	807.96	819.42	828.93	818.77	1.28	ppb
Sulfur	34-1	-1282.37	-1182.42	-1160.69	-1208.49		ppb
Terbium	159-1				107		%
Terbium	159-2				107		%
Thallium	203-1	0.06	0.06	0.07	0.06	2.90	ppb
Thallium	205-1	0.07	0.06	0.07	0.07	3.54	ppb
Tin	118-1	0.00	-0.01	0.02	0.00	370.82	ppb
Titanium	47-1	43.13	45.35	44.64	44.37	2.56	ppb

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

P5178-20LX5

Instrumnet Name :

P7

Client Sample ID :

MYCZ88L

Dilution Factor :

5

Date & Time Acquired :

2024-12-18 16:54:27

DataFile Name :

064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.15	0.15	0.14	0.15	2.33	ppb
Vanadium	51-2	19.61	19.27	19.14	19.34	1.26	ppb
Yttrium	89-1				105		%
Yttrium	89-2				103		%
Zinc	66-2	32.72	32.88	32.39	32.66	0.76	ppb
Zirconium	90-1	1.05	1.06	1.05	1.05	0.56	ppb
Zirconium	91-1	1.03	1.09	1.10	1.07	3.43	ppb

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

P5178-22

Instrumnet Name :

P7

Client Sample ID :

MYCZ88S

Dilution Factor :

1

Date & Time Acquired :

2024-12-18 16:57:38

DataFile Name :

065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	32865.30	32939.33	33004.04	32936.22	0.21	ppb
Antimony	121-1	71.41	72.91	72.31	72.21	1.05	ppb
Arsenic	75-2	59.35	58.71	59.79	59.28	0.92	ppb
Barium	135-1	1854.42	1892.71	1852.29	1866.47	1.22	ppb
Barium	137-1	1838.73	1881.06	1858.16	1859.31	1.14	ppb
Beryllium	9-1	36.70	37.14	38.53	37.46	2.54	ppb
Bismuth	209-1				109		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	34.25	34.83	35.99	35.02	2.53	ppb
Cadmium	106-1	34.33	35.13	34.81	34.76	1.15	ppb
Cadmium	111-1	37.62	38.44	38.02	38.03	1.09	ppb
Calcium	43-1	31444.44	31908.53	31843.38	31732.12	0.79	ppb
Calcium	44-1	31655.27	31944.54	31763.67	31787.83	0.46	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	193.17	193.83	195.35	194.12	0.58	ppb
Cobalt	59-2	394.44	395.30	399.37	396.37	0.66	ppb
Copper	63-2	233.26	234.72	232.07	233.35	0.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				109		%
Indium	115-1				105		%
Indium	115-2				103		%
Iron	56-2	59989.08	59804.23	60662.66	60151.99	0.75	ppb
Iron	57-2	58811.19	58787.00	59216.04	58938.08	0.41	ppb
Iron	54-2	60200.18	60065.06	60565.25	60276.83	0.43	ppb
Krypton	83-1						cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : P5178-22 Instrumnet Name : P7
Client Sample ID : MYCZ88S Dilution Factor : 1
Date & Time Acquired : 2024-12-18 16:57:38 DataFile Name : 065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	36.30	36.59	36.35	36.41	0.43	ppb
Lead	207-1	33.69	33.55	33.77	33.67	0.33	ppb
Lead	208-1	34.42	34.69	34.53	34.55	0.38	ppb
Lithium	6-1				107		%
Magnesium	24-2	17049.11	16944.75	17236.49	17076.79	0.87	ppb
Manganese	55-2	1955.41	1951.87	1983.25	1963.51	0.88	ppb
Molybdenum	94-1	9.13	9.26	9.24	9.21	0.76	ppb
Molybdenum	95-1	0.36	0.35	0.35	0.35	0.68	ppb
Molybdenum	96-1	1.64	1.64	1.66	1.65	0.72	ppb
Molybdenum	97-1	0.34	0.34	0.32	0.34	3.20	ppb
Molybdenum	98-1	0.34	0.33	0.35	0.34	2.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	403.93	404.56	406.46	404.99	0.32	ppb
Phosphorus	31-2	2205.00	2205.60	2221.47	2210.69	0.42	ppb
Potassium	39-2	3877.12	3931.67	4008.57	3939.12	1.68	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				101		%
Selenium	82-1	68.91	69.53	70.28	69.57	0.99	ppb
Selenium	77-2	85.19	79.45	78.08	80.91	4.66	ppb
Selenium	78-2	71.75	71.89	72.75	72.13	0.75	ppb
Silicon	28-1	5973.67	6095.08	5990.46	6019.74	1.09	ppb
Silver	107-1	35.20	36.09	35.78	35.69	1.27	ppb
Silver	109-1	35.13	35.80	35.61	35.51	0.97	ppb
Sodium	23-2	194.16	195.04	196.55	195.25	0.62	ppb
Strontium	86-1	3751.61	3768.19	3786.92	3768.91	0.47	ppb
Strontium	88-1	3801.09	3869.72	3826.48	3832.43	0.91	ppb
Sulfur	34-1	-1125.38	-1096.07	-1103.32	-1108.26		ppb
Terbium	159-1				110		%
Terbium	159-2				109		%
Thallium	203-1	34.65	34.94	35.06	34.88	0.60	ppb
Thallium	205-1	34.39	34.84	34.76	34.66	0.70	ppb
Tin	118-1	0.04	0.05	0.06	0.05	14.30	ppb
Titanium	47-1	213.27	215.63	215.15	214.68	0.58	ppb

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

P5178-22

Instrumnet Name :

P7

Client Sample ID :

MYCZ88S

Dilution Factor :

1

Date & Time Acquired :

2024-12-18 16:57:38

DataFile Name :

065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.70	0.72	0.72	0.71	1.41	ppb
Vanadium	51-2	462.51	456.11	458.46	459.02	0.71	ppb
Yttrium	89-1				113		%
Yttrium	89-2				111		%
Zinc	66-2	515.90	519.12	525.18	520.07	0.91	ppb
Zirconium	90-1	4.92	4.92	4.89	4.91	0.38	ppb
Zirconium	91-1	5.12	4.96	4.99	5.02	1.63	ppb

LB Number :LB134003Operator :Jaswal

Lab Sample ID :P5178-20MSInstrumnet Name :P7

Client Sample ID :MYCZ88SREDilution Factor :1

Date & Time Acquired :2024-12-18 17:00:36DataFile Name :066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36753.82	36667.87	36662.29	36694.66	0.14	ppb
Antimony	121-1	308.45	308.11	309.65	308.74	0.26	ppb
Arsenic	75-2	150.57	149.08	148.95	149.53	0.60	ppb
Barium	135-1	6539.68	6582.28	6612.64	6578.20	0.56	ppb
Barium	137-1	6573.34	6568.20	6624.33	6588.62	0.47	ppb
Beryllium	9-1	148.18	154.15	155.31	152.55	2.51	ppb
Bismuth	209-1				109		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	140.04	142.08	139.90	140.67	0.86	ppb
Cadmium	106-1	141.04	140.70	136.92	139.55	1.64	ppb
Cadmium	111-1	155.82	158.37	158.10	157.43	0.89	ppb
Calcium	43-1	31581.45	31305.76	31430.16	31439.12	0.44	ppb
Calcium	44-1	31070.31	31455.79	31357.41	31294.50	0.64	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	674.25	673.30	669.68	672.41	0.36	ppb
Cobalt	59-2	1570.67	1579.34	1571.75	1573.92	0.30	ppb
Copper	63-2	785.48	792.21	789.33	789.01	0.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				109		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	56-2	62136.13	62147.67	61823.84	62035.88	0.30	ppb
Iron	57-2	60964.02	61239.39	60975.06	61059.49	0.26	ppb
Iron	54-2	62693.38	63347.80	62166.70	62735.96	0.94	ppb
Krypton	83-1						cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : P5178-20MS Instrumnet Name : P7
Client Sample ID : MYCZ88SRE Dilution Factor : 1
Date & Time Acquired : 2024-12-18 17:00:36 DataFile Name : 066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	80.93	81.95	82.73	81.87	1.11	ppb
Lead	207-1	74.36	75.62	75.91	75.30	1.09	ppb
Lead	208-1	78.59	79.31	79.99	79.30	0.89	ppb
Lithium	6-1				107		%
Magnesium	24-2	16961.08	16872.72	16778.45	16870.75	0.54	ppb
Manganese	55-2	3111.02	3127.19	3090.19	3109.47	0.60	ppb
Molybdenum	94-1	8.87	9.02	9.06	8.98	1.10	ppb
Molybdenum	95-1	0.38	0.37	0.37	0.37	1.91	ppb
Molybdenum	96-1	1.68	1.69	1.70	1.69	0.68	ppb
Molybdenum	97-1	0.35	0.37	0.33	0.35	5.92	ppb
Molybdenum	98-1	0.37	0.36	0.38	0.37	2.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1588.03	1637.93	1619.28	1615.08	1.56	ppb
Phosphorus	31-2	2165.57	2204.66	2178.33	2182.85	0.91	ppb
Potassium	39-2	3864.01	3900.92	3890.07	3885.00	0.49	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				98		%
Selenium	82-1	324.44	330.48	336.94	330.62	1.89	ppb
Selenium	77-2	357.91	347.64	350.74	352.09	1.50	ppb
Selenium	78-2	339.76	337.56	336.10	337.80	0.55	ppb
Silicon	28-1	5917.89	5966.19	6006.69	5963.59	0.75	ppb
Silver	107-1	153.77	154.58	153.43	153.93	0.39	ppb
Silver	109-1	152.68	152.23	152.66	152.52	0.17	ppb
Sodium	23-2	190.34	189.98	189.16	189.83	0.32	ppb
Strontium	86-1	3631.78	3683.88	3759.23	3691.63	1.74	ppb
Strontium	88-1	3734.59	3782.57	3784.28	3767.15	0.75	ppb
Sulfur	34-1	-1192.61	-1162.95	-1197.19	-1184.25		ppb
Terbium	159-1				109		%
Terbium	159-2				108		%
Thallium	203-1	148.96	152.03	153.00	151.33	1.39	ppb
Thallium	205-1	152.33	150.02	152.77	151.70	0.97	ppb
Tin	118-1	0.07	0.07	0.07	0.07	4.52	ppb
Titanium	47-1	210.25	213.26	213.05	212.19	0.79	ppb

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

P5178-20MS

Instrumnet Name :

P7

Client Sample ID :

MYCZ88SRE

Dilution Factor :

1

Date & Time Acquired :

2024-12-18 17:00:36

DataFile Name :

066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.69	0.70	0.69	0.69	1.19	ppb
Vanadium	51-2	1615.11	1615.75	1618.17	1616.34	0.10	ppb
Yttrium	89-1				111		%
Yttrium	89-2				107		%
Zinc	66-2	1725.40	1724.26	1733.84	1727.83	0.30	ppb
Zirconium	90-1	4.74	4.81	4.94	4.83	2.06	ppb
Zirconium	91-1	4.92	5.00	4.92	4.95	0.88	ppb

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

P5179-20

Instrumnet Name :

P7

Client Sample ID :

MYCZA8

Dilution Factor :

1

Date & Time Acquired :

2024-12-18 17:03:30

DataFile Name :

067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	63650.71	63121.03	63905.38	63559.04	0.63	ppb
Antimony	121-1	0.36	0.34	0.38	0.36	5.25	ppb
Arsenic	75-2	48.38	48.21	49.20	48.60	1.08	ppb
Barium	135-1	76.32	76.71	78.20	77.08	1.29	ppb
Barium	137-1	76.43	77.37	78.51	77.44	1.34	ppb
Beryllium	9-1	0.52	0.51	0.47	0.50	5.61	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.93	0.96	0.95	0.95	1.95	ppb
Cadmium	106-1	1.29	1.31	1.45	1.35	6.37	ppb
Cadmium	111-1	0.66	0.67	0.67	0.67	1.10	ppb
Calcium	43-1	30031.97	30052.62	30066.42	30050.34	0.06	ppb
Calcium	44-1	30000.79	30059.46	30035.98	30032.08	0.10	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	231.01	234.13	233.80	232.98	0.74	ppb
Cobalt	59-2	89.01	89.31	89.22	89.18	0.17	ppb
Copper	63-2	276.21	275.24	276.32	275.93	0.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				108		%
Indium	115-1				105		%
Indium	115-2				103		%
Iron	56-2	145035.41	144714.99	145218.90	144989.77	0.18	ppb
Iron	57-2	141898.05	141731.28	142046.66	141892.00	0.11	ppb
Iron	54-2	145258.42	145133.42	146590.32	145660.72	0.55	ppb
Krypton	83-1						cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : P5179-20 Instrumnet Name : P7
Client Sample ID : MYCZA8 Dilution Factor : 1
Date & Time Acquired : 2024-12-18 17:03:30 DataFile Name : 067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	12.41	12.53	12.64	12.53	0.91	ppb
Lead	207-1	12.15	12.18	12.28	12.20	0.54	ppb
Lead	208-1	12.19	12.25	12.28	12.24	0.36	ppb
Lithium	6-1				107		%
Magnesium	24-2	50565.00	50643.55	50822.63	50677.06	0.26	ppb
Manganese	55-2	2950.52	2941.17	2954.25	2948.65	0.23	ppb
Molybdenum	94-1	3.52	3.52	3.41	3.48	1.83	ppb
Molybdenum	95-1	0.47	0.51	0.50	0.49	4.59	ppb
Molybdenum	96-1	1.89	1.94	1.88	1.90	1.69	ppb
Molybdenum	97-1	0.46	0.47	0.49	0.47	3.16	ppb
Molybdenum	98-1	0.42	0.45	0.44	0.44	3.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	141.66	141.81	140.66	141.37	0.44	ppb
Phosphorus	31-2	972.82	979.51	1011.97	988.10	2.12	ppb
Potassium	39-2	2032.67	2036.41	2048.83	2039.30	0.41	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				118		%
Scandium	45-2				114		%
Selenium	82-1	0.44	0.57	0.71	0.57	23.90	ppb
Selenium	77-2	4.27	4.36	4.69	4.44	5.00	ppb
Selenium	78-2	0.73	0.09	1.18	0.67	81.62	ppb
Silicon	28-1	3635.50	3671.67	3615.85	3641.01	0.78	ppb
Silver	107-1	0.17	0.16	0.16	0.17	3.26	ppb
Silver	109-1	0.16	0.16	0.15	0.16	2.67	ppb
Sodium	23-2	120.75	122.34	121.08	121.39	0.69	ppb
Strontium	86-1	1406.51	1420.11	1398.20	1408.27	0.79	ppb
Strontium	88-1	1453.90	1446.60	1449.93	1450.15	0.25	ppb
Sulfur	34-1	-1526.14	-1441.63	-1389.55	-1452.44		ppb
Terbium	159-1				110		%
Terbium	159-2				108		%
Thallium	203-1	0.17	0.18	0.15	0.17	7.14	ppb
Thallium	205-1	0.17	0.16	0.17	0.17	3.13	ppb
Tin	118-1	0.16	0.13	0.13	0.14	11.42	ppb
Titanium	47-1	1157.64	1164.51	1166.01	1162.72	0.38	ppb

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

P5179-20

Instrumnet Name :

P7

Client Sample ID :

MYCZA8

Dilution Factor :

1

Date & Time Acquired :

2024-12-18 17:03:30

DataFile Name :

067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.21	0.20	0.22	0.21	4.07	ppb
Vanadium	51-2	404.40	416.10	410.98	410.49	1.43	ppb
Yttrium	89-1				111		%
Yttrium	89-2				110		%
Zinc	66-2	185.00	184.50	182.63	184.04	0.68	ppb
Zirconium	90-1	1.66	1.68	1.67	1.67	0.62	ppb
Zirconium	91-1	1.64	1.77	1.71	1.71	3.81	ppb

LB Number :LB134003Operator :Jaswal

Lab Sample ID :P5179-21Instrumnet Name :P7

Client Sample ID :MYCZA8DDilution Factor :1

Date & Time Acquired :2024-12-18 17:06:32DataFile Name :068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	63488.39	63544.68	63960.01	63664.36	0.40	ppb
Antimony	121-1	4.77	4.75	4.75	4.76	0.22	ppb
Arsenic	75-2	49.85	49.73	49.16	49.58	0.74	ppb
Barium	135-1	75.47	75.51	76.11	75.70	0.47	ppb
Barium	137-1	76.23	75.69	76.40	76.11	0.48	ppb
Beryllium	9-1	0.51	0.54	0.49	0.51	4.68	ppb
Bismuth	209-1				105		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.08	1.20	1.01	1.10	8.51	ppb
Cadmium	106-1	2.45	0.75	1.33	1.51	57.15	ppb
Cadmium	111-1	0.86	0.69	0.78	0.78	10.64	ppb
Calcium	43-1	34060.24	34756.08	35381.86	34732.73	1.90	ppb
Calcium	44-1	33724.15	34550.13	34728.43	34334.23	1.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	229.02	228.76	228.71	228.83	0.07	ppb
Cobalt	59-2	88.47	88.77	88.06	88.44	0.40	ppb
Copper	63-2	266.42	268.89	271.05	268.79	0.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				108		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	56-2	144333.15	143127.59	143808.64	143756.46	0.42	ppb
Iron	57-2	141137.60	142405.18	141245.49	141596.09	0.50	ppb
Iron	54-2	144791.21	144864.29	144508.89	144721.46	0.13	ppb
Krypton	83-1						cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : P5179-21 Instrumnet Name : P7
Client Sample ID : MYCZA8D Dilution Factor : 1
Date & Time Acquired : 2024-12-18 17:06:32 DataFile Name : 068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	99.05	100.20	100.21	99.82	0.67	ppb
Lead	207-1	92.34	92.81	92.64	92.60	0.26	ppb
Lead	208-1	96.66	96.78	97.54	96.99	0.49	ppb
Lithium	6-1				106		%
Magnesium	24-2	50807.12	50681.24	50402.49	50630.28	0.41	ppb
Manganese	55-2	2894.93	2858.88	2877.51	2877.10	0.63	ppb
Molybdenum	94-1	3.90	3.95	4.04	3.96	1.81	ppb
Molybdenum	95-1	0.71	0.69	0.74	0.72	3.28	ppb
Molybdenum	96-1	2.08	2.15	2.15	2.12	1.90	ppb
Molybdenum	97-1	0.66	0.72	0.70	0.69	4.64	ppb
Molybdenum	98-1	0.66	0.66	0.63	0.65	2.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	140.39	140.48	139.52	140.13	0.38	ppb
Phosphorus	31-2	1016.69	975.60	1017.67	1003.32	2.39	ppb
Potassium	39-2	2072.83	2102.23	2104.43	2093.16	0.84	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				118		%
Scandium	45-2				115		%
Selenium	82-1	0.70	1.08	1.01	0.93	21.56	ppb
Selenium	77-2	5.10	5.38	5.05	5.18	3.45	ppb
Selenium	78-2	0.58	0.59	1.27	0.81	48.40	ppb
Silicon	28-1	3404.38	3442.09	3526.71	3457.73	1.81	ppb
Silver	107-1	0.20	0.21	0.22	0.21	4.90	ppb
Silver	109-1	0.21	0.20	0.20	0.20	2.33	ppb
Sodium	23-2	131.70	132.06	137.70	133.82	2.52	ppb
Strontium	86-1	1346.00	1351.37	1358.05	1351.81	0.45	ppb
Strontium	88-1	1352.77	1358.73	1391.69	1367.73	1.53	ppb
Sulfur	34-1	-1429.74	-1426.93	-1363.55	-1406.74		ppb
Terbium	159-1				109		%
Terbium	159-2				108		%
Thallium	203-1	0.38	0.38	0.39	0.39	1.18	ppb
Thallium	205-1	0.38	0.38	0.37	0.38	1.53	ppb
Tin	118-1	0.42	0.45	0.44	0.44	3.83	ppb
Titanium	47-1	1149.61	1186.21	1188.64	1174.82	1.86	ppb

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

P5179-21

Instrumnet Name :

P7

Client Sample ID :

MYCZA8D

Dilution Factor :

1

Date & Time Acquired :

2024-12-18 17:06:32

DataFile Name :

068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.20	0.21	0.21	0.20	2.85	ppb
Vanadium	51-2	416.55	410.06	412.82	413.14	0.79	ppb
Yttrium	89-1				111		%
Yttrium	89-2				110		%
Zinc	66-2	184.53	184.57	184.64	184.58	0.03	ppb
Zirconium	90-1	1.82	1.85	1.85	1.84	0.95	ppb
Zirconium	91-1	1.81	1.92	1.84	1.86	2.89	ppb

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : P5179-20LX5 Instrumnet Name : P7
Client Sample ID : MYCZA8L Dilution Factor : 5
Date & Time Acquired : 2024-12-18 17:09:36 DataFile Name : 069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14188.91	14527.69	14287.44	14334.68	1.22	ppb
Antimony	121-1	0.07	0.07	0.08	0.08	7.07	ppb
Arsenic	75-2	10.36	10.42	10.56	10.45	1.01	ppb
Barium	135-1	15.49	15.85	17.39	16.25	6.22	ppb
Barium	137-1	15.56	15.95	17.75	16.42	7.12	ppb
Beryllium	9-1	0.11	0.11	0.10	0.11	3.60	ppb
Bismuth	209-1				101		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.10	0.27	0.27	0.21	46.56	ppb
Cadmium	106-1	-0.71	-1.01	-1.10	-0.94		ppb
Cadmium	111-1	0.08	0.04	0.02	0.05	66.01	ppb
Calcium	43-1	7024.41	7045.42	7949.02	7339.62	7.19	ppb
Calcium	44-1	6840.01	6816.24	7708.30	7121.52	7.14	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	50.63	51.70	51.73	51.35	1.22	ppb
Cobalt	59-2	20.39	20.68	20.47	20.51	0.73	ppb
Copper	63-2	61.70	63.65	63.26	62.87	1.63	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				105		%
Indium	115-1				99		%
Indium	115-2				103		%
Iron	56-2	32482.20	33032.40	32892.99	32802.53	0.87	ppb
Iron	57-2	31953.10	32600.90	32209.75	32254.58	1.01	ppb
Iron	54-2	32392.63	33170.74	33151.71	32905.03	1.35	ppb
Krypton	83-1						cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : P5179-20LX5 Instrumnet Name : P7
Client Sample ID : MYCZA8L Dilution Factor : 5
Date & Time Acquired : 2024-12-18 17:09:36 DataFile Name : 069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2.57	2.64	2.92	2.71	6.85	ppb
Lead	207-1	2.45	2.45	2.75	2.55	6.89	ppb
Lead	208-1	2.47	2.51	2.81	2.60	7.11	ppb
Lithium	6-1				101		%
Magnesium	24-2	11360.88	11588.92	11504.53	11484.78	1.00	ppb
Manganese	55-2	666.86	673.28	668.45	669.53	0.50	ppb
Molybdenum	94-1	0.76	0.79	0.86	0.80	6.44	ppb
Molybdenum	95-1	0.12	0.11	0.13	0.12	9.93	ppb
Molybdenum	96-1	0.39	0.42	0.46	0.42	8.39	ppb
Molybdenum	97-1	0.09	0.11	0.11	0.11	9.07	ppb
Molybdenum	98-1	0.11	0.10	0.11	0.10	3.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	32.53	32.94	33.37	32.95	1.28	ppb
Phosphorus	31-2	194.67	207.11	188.95	196.91	4.72	ppb
Potassium	39-2	456.93	475.46	471.07	467.82	2.07	ppb
Rhodium	103-1				97		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				103		%
Selenium	82-1	0.35	0.08	-0.21	0.07	372.54	ppb
Selenium	77-2	0.32	1.43	0.95	0.90	61.78	ppb
Selenium	78-2	-0.12	-1.05	0.89	-0.09		ppb
Silicon	28-1	821.20	827.90	935.54	861.55	7.45	ppb
Silver	107-1	0.03	0.03	0.03	0.03	4.66	ppb
Silver	109-1	0.03	0.03	0.04	0.03	13.39	ppb
Sodium	23-2	37.07	38.15	37.68	37.63	1.44	ppb
Strontium	86-1	301.07	305.45	337.95	314.83	6.40	ppb
Strontium	88-1	299.58	305.64	340.04	315.09	6.93	ppb
Sulfur	34-1	-1233.95	-1271.73	-930.22	-1145.30		ppb
Terbium	159-1				103		%
Terbium	159-2				107		%
Thallium	203-1	0.06	0.07	0.07	0.07	2.99	ppb
Thallium	205-1	0.06	0.06	0.06	0.06	2.63	ppb
Tin	118-1	0.02	0.05	0.07	0.05	52.16	ppb
Titanium	47-1	257.44	260.75	293.07	270.42	7.28	ppb

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

P5179-20LX5

Instrumnet Name :

P7

Client Sample ID :

MYCZA8L

Dilution Factor :

5

Date & Time Acquired :

2024-12-18 17:09:36

DataFile Name :

069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.04	0.04	0.05	0.04	4.69	ppb
Vanadium	51-2	89.82	91.63	91.44	90.96	1.09	ppb
Yttrium	89-1				100		%
Yttrium	89-2				104		%
Zinc	66-2	42.55	42.61	43.09	42.75	0.69	ppb
Zirconium	90-1	0.36	0.36	0.41	0.38	7.69	ppb
Zirconium	91-1	0.38	0.38	0.43	0.40	7.52	ppb

LB Number :LB134003Operator :Jaswal

Lab Sample ID :P5179-22Instrumnet Name :P7

Client Sample ID :MYCZA8SDilution Factor :1

Date & Time Acquired :2024-12-18 17:12:45DataFile Name :070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	63871.15	63202.93	64233.98	63769.35	0.82	ppb
Antimony	121-1	69.86	71.53	71.08	70.82	1.22	ppb
Arsenic	75-2	76.42	74.73	76.01	75.72	1.16	ppb
Barium	135-1	1519.81	1520.89	1517.50	1519.40	0.11	ppb
Barium	137-1	1515.35	1533.75	1508.38	1519.16	0.86	ppb
Beryllium	9-1	34.72	35.09	34.58	34.80	0.75	ppb
Bismuth	209-1				105		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	33.76	32.93	33.07	33.25	1.34	ppb
Cadmium	106-1	32.38	34.30	31.35	32.68	4.58	ppb
Cadmium	111-1	37.17	37.16	36.74	37.02	0.67	ppb
Calcium	43-1	29919.05	31068.40	30432.33	30473.26	1.89	ppb
Calcium	44-1	30222.32	30346.39	30336.46	30301.73	0.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	358.43	350.90	353.14	354.16	1.09	ppb
Cobalt	59-2	406.39	399.75	408.96	405.04	1.17	ppb
Copper	63-2	423.57	418.30	426.61	422.83	0.99	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				107		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	143230.73	144425.64	144942.89	144199.76	0.61	ppb
Iron	57-2	142339.16	141825.39	144306.21	142823.59	0.92	ppb
Iron	54-2	144372.47	145325.96	144953.83	144884.09	0.33	ppb
Krypton	83-1						cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : P5179-22 Instrumnet Name : P7
Client Sample ID : MYCZA8S Dilution Factor : 1
Date & Time Acquired : 2024-12-18 17:12:45 DataFile Name : 070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	36.55	37.01	36.95	36.84	0.67	ppb
Lead	207-1	34.43	35.11	34.99	34.84	1.05	ppb
Lead	208-1	35.00	35.65	35.65	35.43	1.06	ppb
Lithium	6-1				105		%
Magnesium	24-2	49577.17	50136.77	50187.64	49967.19	0.68	ppb
Manganese	55-2	3210.69	3201.91	3226.95	3213.18	0.40	ppb
Molybdenum	94-1	3.44	3.41	3.47	3.44	0.80	ppb
Molybdenum	95-1	0.50	0.52	0.51	0.51	1.30	ppb
Molybdenum	96-1	1.86	1.90	1.89	1.89	1.26	ppb
Molybdenum	97-1	0.45	0.46	0.48	0.46	3.12	ppb
Molybdenum	98-1	0.45	0.45	0.45	0.45	1.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	448.10	444.85	452.62	448.53	0.87	ppb
Phosphorus	31-2	959.88	930.76	973.79	954.81	2.30	ppb
Potassium	39-2	2001.56	1983.04	2020.26	2001.62	0.93	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				117		%
Scandium	45-2				112		%
Selenium	82-1	62.01	63.28	63.37	62.89	1.22	ppb
Selenium	77-2	68.48	70.24	68.46	69.06	1.48	ppb
Selenium	78-2	63.37	61.29	66.08	63.58	3.78	ppb
Silicon	28-1	3609.26	3572.23	3545.06	3575.52	0.90	ppb
Silver	107-1	33.91	34.39	34.09	34.13	0.70	ppb
Silver	109-1	33.97	34.29	33.94	34.07	0.56	ppb
Sodium	23-2	116.76	115.28	120.93	117.66	2.49	ppb
Strontium	86-1	1396.54	1395.23	1392.22	1394.66	0.16	ppb
Strontium	88-1	1409.47	1435.95	1412.65	1419.36	1.02	ppb
Sulfur	34-1	-1429.61	-1437.38	-1462.87	-1443.29		ppb
Terbium	159-1				108		%
Terbium	159-2				107		%
Thallium	203-1	34.07	34.59	34.65	34.44	0.93	ppb
Thallium	205-1	33.98	34.76	34.59	34.44	1.18	ppb
Tin	118-1	0.16	0.18	0.17	0.17	5.60	ppb
Titanium	47-1	1151.83	1166.83	1169.03	1162.56	0.81	ppb

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

P5179-22

Instrumnet Name :

P7

Client Sample ID :

MYCZA8S

Dilution Factor :

1

Date & Time Acquired :

2024-12-18 17:12:45

DataFile Name :

070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.20	0.21	0.21	0.21	2.08	ppb
Vanadium	51-2	731.36	724.89	726.70	727.65	0.46	ppb
Yttrium	89-1				111		%
Yttrium	89-2				108		%
Zinc	66-2	487.12	483.73	495.35	488.73	1.22	ppb
Zirconium	90-1	1.67	1.66	1.66	1.66	0.33	ppb
Zirconium	91-1	1.73	1.71	1.65	1.70	2.33	ppb

LB Number :LB134003Operator :Jaswal

Lab Sample ID :P5179-20MSInstrumnet Name :P7

Client Sample ID :MYCZA8SREDilution Factor :1

Date & Time Acquired :2024-12-18 17:15:44DataFile Name :071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	73708.55	65570.39	65448.69	68242.54	6.94	ppb
Antimony	121-1	277.13	305.78	300.37	294.42	5.17	ppb
Arsenic	75-2	185.69	162.65	160.02	169.45	8.33	ppb
Barium	135-1	5602.45	6140.77	6061.90	5935.04	4.90	ppb
Barium	137-1	5549.92	6153.59	6135.56	5946.36	5.78	ppb
Beryllium	9-1	136.42	148.16	149.25	144.61	4.92	ppb
Bismuth	209-1				107		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	124.24	133.83	134.09	130.72	4.30	ppb
Cadmium	106-1	121.59	133.70	134.14	129.81	5.49	ppb
Cadmium	111-1	137.39	152.06	151.73	147.06	5.69	ppb
Calcium	43-1	27540.06	29442.79	29667.62	28883.49	4.05	ppb
Calcium	44-1	27577.83	29433.03	29718.58	28909.81	4.02	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	840.01	751.69	750.89	780.86	6.56	ppb
Cobalt	59-2	1586.35	1407.97	1409.12	1467.81	6.99	ppb
Copper	63-2	995.00	882.66	885.67	921.11	6.95	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				103		%
Indium	115-1				105		%
Indium	115-2				98		%
Iron	56-2	159727.82	140225.73	141440.66	147131.41	7.43	ppb
Iron	57-2	156919.77	138467.06	140509.82	145298.88	6.96	ppb
Iron	54-2	159241.17	141884.03	141836.53	147653.91	6.80	ppb
Krypton	83-1						cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : P5179-20MS Instrumnet Name : P7
Client Sample ID : MYCZA8SRE Dilution Factor : 1
Date & Time Acquired : 2024-12-18 17:15:44 DataFile Name : 071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	76.18	84.16	84.73	81.69	5.85	ppb
Lead	207-1	70.70	78.01	78.87	75.86	5.92	ppb
Lead	208-1	74.96	81.93	83.08	79.99	5.50	ppb
Lithium	6-1				104		%
Magnesium	24-2	54486.94	48493.09	48235.98	50405.34	7.02	ppb
Manganese	55-2	4637.69	4082.31	4090.78	4270.26	7.45	ppb
Molybdenum	94-1	3.15	3.49	3.30	3.32	5.14	ppb
Molybdenum	95-1	0.49	0.52	0.50	0.50	3.69	ppb
Molybdenum	96-1	1.78	1.86	1.85	1.83	2.33	ppb
Molybdenum	97-1	0.46	0.48	0.46	0.47	2.97	ppb
Molybdenum	98-1	0.44	0.47	0.49	0.46	5.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1664.98	1468.70	1473.60	1535.76	7.29	ppb
Phosphorus	31-2	1043.72	907.31	919.28	956.77	7.90	ppb
Potassium	39-2	2147.03	1909.84	1913.69	1990.19	6.83	ppb
Rhodium	103-1				101		%
Rhodium	103-2				95		%
Scandium	45-1				117		%
Scandium	45-2				108		%
Selenium	82-1	296.77	320.14	318.58	311.83	4.19	ppb
Selenium	77-2	373.82	334.35	340.35	349.51	6.08	ppb
Selenium	78-2	369.13	328.10	319.25	338.83	7.85	ppb
Silicon	28-1	3217.87	3552.22	3488.63	3419.57	5.19	ppb
Silver	107-1	87.10	254.76	109.73	150.53	60.43	ppb
Silver	109-1	93.17	98.43	141.17	110.92	23.73	ppb
Sodium	23-2	130.24	112.60	113.37	118.73	8.40	ppb
Strontium	86-1	1243.95	1327.42	1335.62	1302.33	3.89	ppb
Strontium	88-1	1271.79	1384.11	1377.61	1344.50	4.69	ppb
Sulfur	34-1	-1639.07	-1455.09	-1520.20	-1538.12		ppb
Terbium	159-1				111		%
Terbium	159-2				103		%
Thallium	203-1	140.24	151.61	150.45	147.43	4.24	ppb
Thallium	205-1	140.48	150.84	151.23	147.52	4.13	ppb
Tin	118-1	0.14	0.17	0.17	0.16	11.59	ppb
Titanium	47-1	1056.03	1139.96	1148.27	1114.75	4.58	ppb

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

P5179-20MS

Instrumnet Name :

P7

Client Sample ID :

MYCZA8SRE

Dilution Factor :

1

Date & Time Acquired :

2024-12-18 17:15:44

DataFile Name :

071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.19	0.20	0.20	0.20	4.39	ppb
Vanadium	51-2	1921.27	1706.31	1701.61	1776.40	7.06	ppb
Yttrium	89-1				111		%
Yttrium	89-2				104		%
Zinc	66-2	1657.91	1500.33	1495.42	1551.22	5.96	ppb
Zirconium	90-1	1.47	1.61	1.62	1.57	5.33	ppb
Zirconium	91-1	1.59	1.68	1.72	1.66	4.04	ppb

LB Number :LB134003Operator :Jaswal

Lab Sample ID :P5172-20DLX4Instrumnet Name :P7

Client Sample ID :MYCZ38Dilution Factor :4

Date & Time Acquired :2024-12-18 17:18:35DataFile Name :072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9629.91	9892.29	9742.59	9754.93	1.35	ppb
Antimony	121-1	0.27	0.30	0.28	0.28	4.60	ppb
Arsenic	75-2	20.10	20.46	20.54	20.37	1.14	ppb
Barium	135-1	130.57	132.05	132.35	131.65	0.72	ppb
Barium	137-1	130.73	132.49	133.27	132.16	0.99	ppb
Beryllium	9-1	0.38	0.45	0.45	0.43	9.92	ppb
Bismuth	209-1				108		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.69	0.93	0.85	0.82	15.17	ppb
Cadmium	106-1	0.67	0.39	0.68	0.58	27.83	ppb
Cadmium	111-1	0.58	0.63	0.61	0.61	4.45	ppb
Calcium	43-1	6479.74	6497.83	6525.95	6501.17	0.36	ppb
Calcium	44-1	6283.55	6315.62	6292.82	6297.33	0.26	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	16.56	16.66	16.57	16.60	0.32	ppb
Cobalt	59-2	8.95	8.99	8.98	8.98	0.26	ppb
Copper	63-2	59.29	59.76	59.29	59.45	0.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				109		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	56-2	20581.90	20816.89	20582.64	20660.48	0.66	ppb
Iron	57-2	20378.06	20508.48	20333.27	20406.60	0.45	ppb
Iron	54-2	20551.37	20776.26	20752.24	20693.29	0.60	ppb
Krypton	83-1						cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : P5172-20DLX4 Instrumnet Name : P7
Client Sample ID : MYCZ38 Dilution Factor : 4
Date & Time Acquired : 2024-12-18 17:18:35 DataFile Name : 072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	53.69	54.71	55.41	54.60	1.58	ppb
Lead	207-1	53.61	55.00	54.41	54.34	1.28	ppb
Lead	208-1	53.07	54.53	54.52	54.04	1.55	ppb
Lithium	6-1				106		%
Magnesium	24-2	4630.50	4704.87	4665.90	4667.09	0.80	ppb
Manganese	55-2	473.68	482.49	484.84	480.34	1.22	ppb
Molybdenum	94-1	5.98	6.05	6.05	6.02	0.63	ppb
Molybdenum	95-1	0.22	0.19	0.18	0.20	8.89	ppb
Molybdenum	96-1	0.94	0.97	0.91	0.94	3.45	ppb
Molybdenum	97-1	0.18	0.20	0.21	0.20	6.51	ppb
Molybdenum	98-1	0.18	0.18	0.20	0.19	4.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	19.75	20.05	19.57	19.79	1.22	ppb
Phosphorus	31-2	722.60	754.49	747.05	741.38	2.25	ppb
Potassium	39-2	3143.83	3184.59	3163.97	3164.13	0.64	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	82-1	0.45	0.53	0.31	0.43	25.87	ppb
Selenium	77-2	4.55	4.46	3.26	4.09	17.68	ppb
Selenium	78-2	0.54	0.23	2.01	0.92	103.10	ppb
Silicon	28-1	1935.07	1932.05	1960.22	1942.45	0.80	ppb
Silver	107-1	0.25	0.24	0.24	0.24	2.53	ppb
Silver	109-1	0.25	0.24	0.24	0.24	3.17	ppb
Sodium	23-2	46.48	45.46	45.91	45.95	1.11	ppb
Strontium	86-1	826.84	840.15	839.98	835.65	0.91	ppb
Strontium	88-1	832.94	840.39	856.90	843.41	1.45	ppb
Sulfur	34-1	-1026.79	-1015.75	-980.66	-1007.73		ppb
Terbium	159-1				108		%
Terbium	159-2				109		%
Thallium	203-1	0.13	0.13	0.12	0.12	1.50	ppb
Thallium	205-1	0.13	0.13	0.13	0.13	1.31	ppb
Tin	118-1	3.49	3.52	3.59	3.53	1.51	ppb
Titanium	47-1	118.43	118.99	118.94	118.79	0.26	ppb

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

P5172-20DLX4

Instrumnet Name :

P7

Client Sample ID :

MYCZ38

Dilution Factor :

4

Date & Time Acquired :

2024-12-18 17:18:35

DataFile Name :

072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.21	0.21	0.21	0.21	0.55	ppb
Vanadium	51-2	30.43	30.80	30.68	30.64	0.62	ppb
Yttrium	89-1				105		%
Yttrium	89-2				105		%
Zinc	66-2	160.56	161.68	160.29	160.84	0.46	ppb
Zirconium	90-1	3.21	3.23	3.28	3.24	1.07	ppb
Zirconium	91-1	3.25	3.24	3.37	3.29	2.30	ppb

LB Number :LB134003Operator :Jaswal

Lab Sample ID :P5172-21DLX4Instrumnet Name :P7

Client Sample ID :MYCZ38DDilution Factor :4

Date & Time Acquired :2024-12-18 17:21:45DataFile Name :073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9693.59	9696.69	9527.58	9639.28	1.00	ppb
Antimony	121-1	0.18	0.19	0.19	0.18	3.27	ppb
Arsenic	75-2	19.80	19.79	20.06	19.88	0.78	ppb
Barium	135-1	121.48	124.30	124.67	123.48	1.41	ppb
Barium	137-1	122.33	125.33	125.45	124.37	1.42	ppb
Beryllium	9-1	0.41	0.46	0.49	0.46	8.80	ppb
Bismuth	209-1				108		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.90	0.80	0.71	0.80	12.21	ppb
Cadmium	106-1	0.52	0.98	0.36	0.62	51.54	ppb
Cadmium	111-1	0.58	0.59	0.57	0.58	1.39	ppb
Calcium	43-1	6276.41	6434.34	6554.87	6421.87	2.17	ppb
Calcium	44-1	6113.40	6263.15	6201.05	6192.53	1.21	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	15.45	15.69	15.79	15.64	1.10	ppb
Cobalt	59-2	8.95	9.03	8.93	8.97	0.58	ppb
Copper	63-2	51.40	51.33	50.73	51.15	0.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				108		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	56-2	20338.48	20096.68	20096.73	20177.30	0.69	ppb
Iron	57-2	20128.29	20008.12	19880.61	20005.67	0.62	ppb
Iron	54-2	20209.33	20283.49	20224.65	20239.16	0.19	ppb
Krypton	83-1						cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : P5172-21DLX4 Instrumnet Name : P7
Client Sample ID : MYCZ38D Dilution Factor : 4
Date & Time Acquired : 2024-12-18 17:21:45 DataFile Name : 073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	46.46	47.26	47.99	47.24	1.61	ppb
Lead	207-1	46.23	46.75	47.73	46.90	1.62	ppb
Lead	208-1	45.92	46.77	47.31	46.67	1.51	ppb
Lithium	6-1				105		%
Magnesium	24-2	4584.91	4644.32	4564.44	4597.89	0.90	ppb
Manganese	55-2	470.28	462.87	460.23	464.46	1.12	ppb
Molybdenum	94-1	6.16	6.08	6.31	6.18	1.89	ppb
Molybdenum	95-1	0.18	0.19	0.18	0.19	1.96	ppb
Molybdenum	96-1	0.98	0.98	0.98	0.98	0.16	ppb
Molybdenum	97-1	0.19	0.23	0.20	0.21	9.31	ppb
Molybdenum	98-1	0.19	0.20	0.19	0.19	2.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	16.23	16.49	16.37	16.37	0.79	ppb
Phosphorus	31-2	737.29	741.40	756.37	745.02	1.35	ppb
Potassium	39-2	3114.86	3125.42	3104.47	3114.92	0.34	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	82-1	0.40	0.42	0.29	0.37	19.07	ppb
Selenium	77-2	3.76	5.33	4.26	4.45	18.01	ppb
Selenium	78-2	0.90	1.16	0.47	0.84	41.10	ppb
Silicon	28-1	1806.40	2034.29	1914.78	1918.49	5.94	ppb
Silver	107-1	0.20	0.20	0.20	0.20	1.40	ppb
Silver	109-1	0.19	0.19	0.19	0.19	1.38	ppb
Sodium	23-2	45.60	44.87	44.71	45.06	1.06	ppb
Strontium	86-1	798.57	801.19	792.23	797.33	0.58	ppb
Strontium	88-1	800.43	796.69	793.64	796.92	0.43	ppb
Sulfur	34-1	-1087.85	-1013.19	-1025.41	-1042.15		ppb
Terbium	159-1				108		%
Terbium	159-2				108		%
Thallium	203-1	0.11	0.11	0.12	0.11	5.68	ppb
Thallium	205-1	0.11	0.12	0.12	0.12	5.12	ppb
Tin	118-1	2.24	2.29	2.26	2.26	1.01	ppb
Titanium	47-1	110.83	114.20	113.67	112.90	1.61	ppb

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

P5172-21DLX4

Instrumnet Name :

P7

Client Sample ID :

MYCZ38D

Dilution Factor :

4

Date & Time Acquired :

2024-12-18 17:21:45

DataFile Name :

073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.22	0.22	0.22	0.22	0.53	ppb
Vanadium	51-2	29.80	29.64	29.46	29.64	0.57	ppb
Yttrium	89-1				105		%
Yttrium	89-2				104		%
Zinc	66-2	147.54	145.86	145.14	146.18	0.84	ppb
Zirconium	90-1	3.38	3.42	3.39	3.40	0.61	ppb
Zirconium	91-1	3.39	3.47	3.43	3.43	1.18	ppb

LB Number :LB134003Operator :Jaswal

Lab Sample ID :P5172-20LDLX20Instrumnet Name :P7

Client Sample ID :MYCZ38LDilution Factor :20

Date & Time Acquired :2024-12-18 17:24:52DataFile Name :074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1937.16	1917.11	1908.98	1921.08	0.75	ppb
Antimony	121-1	0.06	0.04	0.05	0.05	13.09	ppb
Arsenic	75-2	4.21	4.09	4.13	4.14	1.43	ppb
Barium	135-1	26.06	26.21	26.20	26.16	0.31	ppb
Barium	137-1	25.57	26.14	25.92	25.88	1.10	ppb
Beryllium	9-1	0.10	0.10	0.11	0.10	6.97	ppb
Bismuth	209-1				108		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.10	0.16	0.21	0.16	35.27	ppb
Cadmium	106-1	-0.36	-0.68	-1.19	-0.74		ppb
Cadmium	111-1	0.10	0.06	0.02	0.06	59.77	ppb
Calcium	43-1	1288.71	1303.13	1324.50	1305.45	1.38	ppb
Calcium	44-1	1289.58	1304.21	1344.51	1312.77	2.17	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.43	3.53	3.44	3.47	1.61	ppb
Cobalt	59-2	1.81	1.78	1.83	1.81	1.50	ppb
Copper	63-2	11.40	11.31	11.42	11.38	0.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				105		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	56-2	4190.47	4178.51	4163.64	4177.54	0.32	ppb
Iron	57-2	4178.04	4189.48	4183.39	4183.64	0.14	ppb
Iron	54-2	4268.14	4259.41	4271.66	4266.40	0.15	ppb
Krypton	83-1						cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : P5172-20LDLX20 Instrumnet Name : P7
Client Sample ID : MYCZ38L Dilution Factor : 20
Date & Time Acquired : 2024-12-18 17:24:52 DataFile Name : 074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	10.22	10.53	10.18	10.31	1.83	ppb
Lead	207-1	9.94	10.21	9.92	10.02	1.64	ppb
Lead	208-1	9.99	10.22	10.05	10.09	1.18	ppb
Lithium	6-1				103		%
Magnesium	24-2	912.35	905.44	907.14	908.31	0.40	ppb
Manganese	55-2	94.82	94.37	94.35	94.51	0.28	ppb
Molybdenum	94-1	1.27	1.29	1.27	1.28	0.92	ppb
Molybdenum	95-1	0.06	0.04	0.04	0.05	18.55	ppb
Molybdenum	96-1	0.22	0.20	0.21	0.21	5.75	ppb
Molybdenum	97-1	0.06	0.03	0.05	0.05	35.45	ppb
Molybdenum	98-1	0.06	0.03	0.04	0.04	26.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.79	3.85	3.98	3.87	2.53	ppb
Phosphorus	31-2	128.13	136.13	141.73	135.33	5.05	ppb
Potassium	39-2	665.96	660.97	656.81	661.25	0.69	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	82-1	-0.11	-0.17	-0.06	-0.11		ppb
Selenium	77-2	1.08	0.58	1.22	0.96	35.12	ppb
Selenium	78-2	0.43	-0.06	0.19	0.19	133.76	ppb
Silicon	28-1	378.96	382.30	394.05	385.10	2.06	ppb
Silver	107-1	0.04	0.05	0.04	0.05	3.46	ppb
Silver	109-1	0.04	0.04	0.04	0.04	9.13	ppb
Sodium	23-2	11.02	11.49	12.15	11.55	4.90	ppb
Strontium	86-1	166.14	173.00	164.73	167.96	2.63	ppb
Strontium	88-1	165.41	168.19	167.94	167.18	0.92	ppb
Sulfur	34-1	-1428.47	-1386.98	-1296.16	-1370.54		ppb
Terbium	159-1				106		%
Terbium	159-2				106		%
Thallium	203-1	0.05	0.04	0.04	0.05	4.49	ppb
Thallium	205-1	0.05	0.05	0.05	0.05	7.87	ppb
Tin	118-1	0.58	0.60	0.57	0.58	2.97	ppb
Titanium	47-1	23.14	23.55	23.33	23.34	0.88	ppb

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

P5172-20LDLX20

Instrumnet Name :

P7

Client Sample ID :

MYCZ38L

Dilution Factor :

20

Date & Time Acquired :

2024-12-18 17:24:52

DataFile Name :

074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.04	0.04	0.04	0.04	4.43	ppb
Vanadium	51-2	6.08	6.08	6.17	6.11	0.81	ppb
Yttrium	89-1				103		%
Yttrium	89-2				102		%
Zinc	66-2	31.86	31.28	31.09	31.41	1.27	ppb
Zirconium	90-1	0.68	0.70	0.69	0.69	1.14	ppb
Zirconium	91-1	0.68	0.70	0.67	0.68	2.50	ppb

LB Number :LB134003Operator :Jaswal

Lab Sample ID :P5172-22DLX4Instrumnet Name :P7

Client Sample ID :MYCZ38SDilution Factor :4

Date & Time Acquired :2024-12-18 17:28:08DataFile Name :075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10313.55	10189.09	10113.25	10205.30	0.99	ppb
Antimony	121-1	19.28	19.39	19.23	19.30	0.42	ppb
Arsenic	75-2	27.55	28.12	27.32	27.66	1.49	ppb
Barium	135-1	508.91	513.98	501.46	508.11	1.24	ppb
Barium	137-1	511.24	514.15	500.32	508.57	1.43	ppb
Beryllium	9-1	8.92	9.57	9.81	9.43	4.89	ppb
Bismuth	209-1				106		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	9.87	10.21	9.97	10.02	1.78	ppb
Cadmium	106-1	9.36	9.79	8.32	9.16	8.24	ppb
Cadmium	111-1	10.57	10.51	10.56	10.55	0.33	ppb
Calcium	43-1	6464.03	6533.93	6628.74	6542.23	1.26	ppb
Calcium	44-1	6160.38	6282.62	6410.83	6284.61	1.99	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	53.85	53.44	53.57	53.62	0.39	ppb
Cobalt	59-2	102.32	101.07	101.23	101.54	0.67	ppb
Copper	63-2	102.68	101.31	102.14	102.04	0.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				106		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	56-2	20707.86	20516.13	21017.56	20747.18	1.22	ppb
Iron	57-2	20320.69	20304.63	20553.63	20392.98	0.68	ppb
Iron	54-2	20957.65	20641.91	20797.60	20799.05	0.76	ppb
Krypton	83-1						cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : P5172-22DLX4 Instrumnet Name : P7
Client Sample ID : MYCZ38S Dilution Factor : 4
Date & Time Acquired : 2024-12-18 17:28:08 DataFile Name : 075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	57.12	57.09	57.83	57.34	0.73	ppb
Lead	207-1	56.93	55.95	57.82	56.90	1.64	ppb
Lead	208-1	56.47	55.95	57.25	56.55	1.16	ppb
Lithium	6-1				104		%
Magnesium	24-2	4691.98	4638.60	4698.92	4676.50	0.71	ppb
Manganese	55-2	569.40	566.25	573.52	569.72	0.64	ppb
Molybdenum	94-1	6.06	5.98	5.88	5.97	1.52	ppb
Molybdenum	95-1	0.20	0.21	0.20	0.21	3.25	ppb
Molybdenum	96-1	0.94	0.98	0.94	0.96	2.03	ppb
Molybdenum	97-1	0.21	0.18	0.17	0.19	10.79	ppb
Molybdenum	98-1	0.19	0.19	0.20	0.19	3.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	112.79	111.23	111.71	111.91	0.71	ppb
Phosphorus	31-2	755.03	742.91	749.93	749.29	0.81	ppb
Potassium	39-2	3176.15	3144.47	3180.21	3166.95	0.62	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				97		%
Selenium	82-1	19.18	19.39	18.64	19.07	2.02	ppb
Selenium	77-2	26.37	22.08	20.68	23.04	12.87	ppb
Selenium	78-2	21.03	18.91	18.97	19.63	6.15	ppb
Silicon	28-1	1882.44	1954.66	1980.25	1939.12	2.62	ppb
Silver	107-1	9.11	9.28	9.23	9.21	0.95	ppb
Silver	109-1	9.07	9.19	9.20	9.15	0.77	ppb
Sodium	23-2	47.01	47.17	45.79	46.66	1.62	ppb
Strontium	86-1	815.22	818.77	830.36	821.45	0.96	ppb
Strontium	88-1	821.00	821.05	828.07	823.37	0.49	ppb
Sulfur	34-1	-1129.58	-1043.95	-1048.28	-1073.94		ppb
Terbium	159-1				106		%
Terbium	159-2				107		%
Thallium	203-1	9.27	9.03	9.29	9.20	1.60	ppb
Thallium	205-1	9.16	9.01	9.21	9.12	1.15	ppb
Tin	118-1	3.27	3.31	3.76	3.45	7.90	ppb
Titanium	47-1	114.29	116.34	118.71	116.45	1.90	ppb

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

P5172-22DLX4

Instrumnet Name :

P7

Client Sample ID :

MYCZ38S

Dilution Factor :

4

Date & Time Acquired :

2024-12-18 17:28:08

DataFile Name :

075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.22	0.22	0.23	0.22	3.08	ppb
Vanadium	51-2	121.46	120.26	120.74	120.82	0.50	ppb
Yttrium	89-1				104		%
Yttrium	89-2				104		%
Zinc	66-2	253.66	252.16	252.76	252.86	0.30	ppb
Zirconium	90-1	3.24	3.23	3.27	3.25	0.67	ppb
Zirconium	91-1	3.30	3.35	3.45	3.37	2.32	ppb

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

P5172-20MSDLX4

Instrumnet Name :

P7

Client Sample ID :

MYCZ38SRE

Dilution Factor :

4

Date & Time Acquired :

2024-12-18 17:31:14

DataFile Name :

076SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10658.74	10745.68	37995.25	19799.89	79.58	ppb
Antimony	121-1	76.78	76.04	76.04	76.29	0.56	ppb
Arsenic	75-2	50.31	50.07	181.13	93.84	80.56	ppb
Barium	135-1	1697.37	1663.13	1663.68	1674.73	1.17	ppb
Barium	137-1	1705.41	1674.22	1656.99	1678.87	1.46	ppb
Beryllium	9-1	36.99	37.58	37.84	37.47	1.17	ppb
Bismuth	209-1				106		%
Bismuth	209-2				80		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	36.40	35.28	36.89	36.19	2.28	ppb
Cadmium	106-1	35.26	34.03	35.76	35.02	2.54	ppb
Cadmium	111-1	41.31	40.04	40.28	40.54	1.67	ppb
Calcium	43-1	6193.34	6130.45	6194.82	6172.87	0.60	ppb
Calcium	44-1	6019.16	5840.38	6046.35	5968.63	1.87	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	165.75	168.01	590.51	308.09	79.39	ppb
Cobalt	59-2	398.46	399.13	1413.92	737.17	79.50	ppb
Copper	63-2	227.47	229.85	808.31	421.87	79.33	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				105		%
Holmium	165-2				80		%
Indium	115-1				102		%
Indium	115-2				77		%
Iron	56-2	20005.14	20166.25	71888.94	37353.44	80.07	ppb
Iron	57-2	19715.66	19993.85	71545.39	37084.97	80.47	ppb
Iron	54-2	20148.35	20323.98	71990.52	37487.61	79.71	ppb
Krypton	83-1						cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : P5172-20MSDLX4 Instrumnet Name : P7
Client Sample ID : MYCZ38SRE Dilution Factor : 4
Date & Time Acquired : 2024-12-18 17:31:14 DataFile Name : 076SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	55.22	54.99	55.03	55.08	0.22	ppb
Lead	207-1	53.98	53.34	53.73	53.68	0.60	ppb
Lead	208-1	54.27	53.68	53.80	53.92	0.58	ppb
Lithium	6-1				102		%
Magnesium	24-2	4488.43	4492.12	16124.91	8368.49	80.27	ppb
Manganese	55-2	798.93	811.10	2892.63	1500.89	80.31	ppb
Molybdenum	94-1	6.50	6.37	6.39	6.42	1.09	ppb
Molybdenum	95-1	0.23	0.20	0.22	0.22	6.96	ppb
Molybdenum	96-1	1.02	0.99	1.01	1.01	1.36	ppb
Molybdenum	97-1	0.21	0.21	0.20	0.21	2.56	ppb
Molybdenum	98-1	0.23	0.22	0.23	0.23	3.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	395.94	397.92	1406.62	733.50	79.48	ppb
Phosphorus	31-2	705.74	750.19	2710.09	1388.67	82.42	ppb
Potassium	39-2	2953.03	2991.36	10935.81	5626.73	81.71	ppb
Rhodium	103-1				99		%
Rhodium	103-2				77		%
Scandium	45-1				98		%
Scandium	45-2				74		%
Selenium	82-1	86.33	85.30	87.21	86.28	1.11	ppb
Selenium	77-2	88.86	88.77	329.88	169.17	82.27	ppb
Selenium	78-2	86.96	86.56	330.63	168.05	83.78	ppb
Silicon	28-1	1804.72	1747.90	1783.58	1778.73	1.61	ppb
Silver	107-1	28.49	28.42	28.16	28.36	0.61	ppb
Silver	109-1	28.24	28.21	27.90	28.12	0.68	ppb
Sodium	23-2	48.80	46.65	242.71	112.72	99.87	ppb
Strontium	86-1	770.49	745.84	749.28	755.20	1.77	ppb
Strontium	88-1	760.18	748.41	753.76	754.12	0.78	ppb
Sulfur	34-1	-1133.11	-1185.19	-1125.55	-1147.95		ppb
Terbium	159-1				105		%
Terbium	159-2				80		%
Thallium	203-1	36.03	35.82	35.94	35.93	0.29	ppb
Thallium	205-1	36.01	35.54	35.80	35.78	0.66	ppb
Tin	118-1	1.30	1.15	1.10	1.18	9.15	ppb
Titanium	47-1	105.95	104.35	104.83	105.04	0.78	ppb

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

P5172-20MSDLX4

Instrumnet Name :

P7

Client Sample ID :

MYCZ38SRE

Dilution Factor :

4

Date & Time Acquired :

2024-12-18 17:31:14

DataFile Name :

076SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.22	0.23	0.22	0.22	2.04	ppb
Vanadium	51-2	407.49	406.75	1445.00	753.08	79.57	ppb
Yttrium	89-1				103		%
Yttrium	89-2				78		%
Zinc	66-2	506.19	513.70	1823.84	947.91	80.03	ppb
Zirconium	90-1	3.51	3.43	3.47	3.47	1.19	ppb
Zirconium	91-1	3.58	3.51	3.53	3.54	1.15	ppb

LB Number :LB134003Operator :Jaswal

Lab Sample ID :P5173-20DLX4Instrumnet Name :P7

Client Sample ID :MYCZ58Dilution Factor :4

Date & Time Acquired :2024-12-18 17:34:16DataFile Name :077SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8199.53	7933.05	7959.91	8030.83	1.83	ppb
Antimony	121-1	0.19	0.20	0.20	0.20	2.74	ppb
Arsenic	75-2	26.75	26.07	26.14	26.32	1.43	ppb
Barium	135-1	70.33	70.93	71.71	70.99	0.97	ppb
Barium	137-1	69.74	71.69	72.13	71.19	1.78	ppb
Beryllium	9-1	0.24	0.27	0.31	0.27	12.79	ppb
Bismuth	209-1				107		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.35	0.54	0.55	0.48	23.50	ppb
Cadmium	106-1	-0.38	-0.16	-0.61	-0.38		ppb
Cadmium	111-1	0.35	0.35	0.31	0.33	6.76	ppb
Calcium	43-1	2933.43	3041.11	2993.69	2989.41	1.81	ppb
Calcium	44-1	2820.33	2962.14	2885.46	2889.31	2.46	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	14.62	14.57	14.61	14.60	0.18	ppb
Cobalt	59-2	9.84	9.90	9.85	9.86	0.32	ppb
Copper	63-2	28.79	28.54	28.91	28.75	0.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				106		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	22724.48	22585.19	22568.20	22625.96	0.38	ppb
Iron	57-2	22384.59	22085.88	22447.90	22306.12	0.87	ppb
Iron	54-2	22612.30	22780.56	22768.91	22720.59	0.41	ppb
Krypton	83-1						cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : P5173-20DLX4 Instrumnet Name : P7
Client Sample ID : MYCZ58 Dilution Factor : 4
Date & Time Acquired : 2024-12-18 17:34:16 DataFile Name : 077SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	35.03	35.57	35.34	35.31	0.76	ppb
Lead	207-1	34.31	34.75	34.53	34.53	0.64	ppb
Lead	208-1	34.48	34.74	34.59	34.60	0.38	ppb
Lithium	6-1				101		%
Magnesium	24-2	3831.58	3724.75	3739.49	3765.27	1.54	ppb
Manganese	55-2	363.01	358.18	362.04	361.08	0.71	ppb
Molybdenum	94-1	4.15	4.28	4.16	4.20	1.68	ppb
Molybdenum	95-1	0.33	0.31	0.31	0.32	4.17	ppb
Molybdenum	96-1	0.87	0.89	0.87	0.88	1.07	ppb
Molybdenum	97-1	0.32	0.32	0.30	0.31	3.37	ppb
Molybdenum	98-1	0.31	0.30	0.31	0.31	2.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	11.46	11.52	11.57	11.52	0.45	ppb
Phosphorus	31-2	732.96	736.83	732.34	734.04	0.33	ppb
Potassium	39-2	2663.78	2611.99	2610.87	2628.88	1.15	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				97		%
Selenium	82-1	0.69	-0.18	0.08	0.19	230.15	ppb
Selenium	77-2	2.69	2.93	1.94	2.52	20.49	ppb
Selenium	78-2	-0.02	1.01	1.20	0.73	89.84	ppb
Silicon	28-1	1119.32	1152.40	1156.60	1142.77	1.79	ppb
Silver	107-1	0.16	0.16	0.16	0.16	1.64	ppb
Silver	109-1	0.16	0.16	0.17	0.16	2.57	ppb
Sodium	23-2	72.56	71.95	71.24	71.92	0.91	ppb
Strontium	86-1	374.74	380.04	384.52	379.77	1.29	ppb
Strontium	88-1	377.21	382.54	379.32	379.69	0.71	ppb
Sulfur	34-1	-1363.64	-1271.48	-1289.83	-1308.32		ppb
Terbium	159-1				107		%
Terbium	159-2				107		%
Thallium	203-1	0.09	0.09	0.08	0.09	4.02	ppb
Thallium	205-1	0.09	0.09	0.10	0.09	7.54	ppb
Tin	118-1	0.30	0.26	0.28	0.28	7.58	ppb
Titanium	47-1	227.61	235.94	233.66	232.40	1.85	ppb

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

P5173-20DLX4

Instrumnet Name :

P7

Client Sample ID :

MYCZ58

Dilution Factor :

4

Date & Time Acquired :

2024-12-18 17:34:16

DataFile Name :

077SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.24	0.24	0.24	0.24	0.36	ppb
Vanadium	51-2	35.27	34.92	35.06	35.08	0.50	ppb
Yttrium	89-1				104		%
Yttrium	89-2				103		%
Zinc	66-2	103.48	104.54	103.73	103.92	0.53	ppb
Zirconium	90-1	2.15	2.20	2.18	2.17	1.26	ppb
Zirconium	91-1	2.14	2.21	2.17	2.17	1.72	ppb

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : P5173-21DLX4 Instrumnet Name : P7
Client Sample ID : MYCZ58D Dilution Factor : 4
Date & Time Acquired : 2024-12-18 17:37:23 DataFile Name : 078SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8251.29	8282.47	8200.94	8244.90	0.50	ppb
Antimony	121-1	0.17	0.18	0.20	0.18	6.61	ppb
Arsenic	75-2	26.66	26.35	25.83	26.28	1.60	ppb
Barium	135-1	70.23	73.41	73.20	72.28	2.46	ppb
Barium	137-1	70.64	73.48	73.58	72.56	2.30	ppb
Beryllium	9-1	0.26	0.28	0.32	0.29	11.63	ppb
Bismuth	209-1				108		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.66	0.47	0.62	0.58	16.46	ppb
Cadmium	106-1	0.05	0.17	-1.15	-0.31		ppb
Cadmium	111-1	0.35	0.38	0.29	0.34	13.29	ppb
Calcium	43-1	2946.32	3036.52	3145.00	3042.62	3.27	ppb
Calcium	44-1	2871.77	2958.46	3028.24	2952.82	2.65	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	15.27	15.20	15.44	15.30	0.81	ppb
Cobalt	59-2	9.94	9.85	9.74	9.84	1.01	ppb
Copper	63-2	29.90	29.77	29.52	29.73	0.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				106		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	56-2	23458.70	23125.07	23053.95	23212.58	0.93	ppb
Iron	57-2	23307.14	22787.73	22491.46	22862.11	1.81	ppb
Iron	54-2	23371.45	23255.68	23202.12	23276.42	0.37	ppb
Krypton	83-1						cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : P5173-21DLX4 Instrumnet Name : P7
Client Sample ID : MYCZ58D Dilution Factor : 4
Date & Time Acquired : 2024-12-18 17:37:23 DataFile Name : 078SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	34.23	35.73	36.08	35.35	2.78	ppb
Lead	207-1	33.66	34.95	35.12	34.57	2.31	ppb
Lead	208-1	33.60	34.99	35.32	34.64	2.63	ppb
Lithium	6-1				102		%
Magnesium	24-2	3835.09	3866.34	3859.26	3853.57	0.43	ppb
Manganese	55-2	366.50	361.80	362.34	363.55	0.71	ppb
Molybdenum	94-1	4.25	4.34	4.37	4.32	1.44	ppb
Molybdenum	95-1	0.30	0.30	0.33	0.31	6.17	ppb
Molybdenum	96-1	0.88	0.91	0.92	0.90	2.51	ppb
Molybdenum	97-1	0.31	0.30	0.30	0.30	1.92	ppb
Molybdenum	98-1	0.30	0.31	0.31	0.31	1.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	11.57	11.67	11.62	11.62	0.44	ppb
Phosphorus	31-2	756.52	740.80	726.50	741.27	2.03	ppb
Potassium	39-2	2728.31	2703.47	2744.91	2725.56	0.77	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	82-1	0.40	0.28	0.18	0.29	37.48	ppb
Selenium	77-2	4.02	4.42	4.00	4.15	5.71	ppb
Selenium	78-2	0.34	1.32	1.26	0.97	56.13	ppb
Silicon	28-1	1087.92	1135.79	1161.89	1128.53	3.32	ppb
Silver	107-1	0.13	0.14	0.13	0.13	7.05	ppb
Silver	109-1	0.13	0.13	0.13	0.13	2.18	ppb
Sodium	23-2	73.36	73.82	74.78	73.99	0.98	ppb
Strontium	86-1	387.34	397.00	398.83	394.39	1.57	ppb
Strontium	88-1	386.76	395.29	398.74	393.60	1.57	ppb
Sulfur	34-1	-1410.10	-1336.36	-1270.95	-1339.14		ppb
Terbium	159-1				108		%
Terbium	159-2				107		%
Thallium	203-1	0.08	0.10	0.08	0.08	14.66	ppb
Thallium	205-1	0.08	0.09	0.09	0.09	3.67	ppb
Tin	118-1	0.31	0.32	0.33	0.32	2.97	ppb
Titanium	47-1	236.37	245.45	249.21	243.68	2.71	ppb

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

P5173-21DLX4

Instrumnet Name :

P7

Client Sample ID :

MYCZ58D

Dilution Factor :

4

Date & Time Acquired :

2024-12-18 17:37:23

DataFile Name :

078SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.24	0.25	0.26	0.25	4.89	ppb
Vanadium	51-2	36.33	36.29	36.29	36.31	0.07	ppb
Yttrium	89-1				104		%
Yttrium	89-2				103		%
Zinc	66-2	105.37	105.70	105.75	105.61	0.20	ppb
Zirconium	90-1	2.21	2.28	2.28	2.26	1.88	ppb
Zirconium	91-1	2.27	2.31	2.31	2.29	0.92	ppb

LB Number :LB134003Operator :Jaswal

Lab Sample ID :P5173-20LDLX20Instrumnet Name :P7

Client Sample ID :MYCZ58LDilution Factor :20

Date & Time Acquired :2024-12-18 17:40:33DataFile Name :079SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1514.73	1529.32	1527.06	1523.70	0.52	ppb
Antimony	121-1	0.04	0.06	0.04	0.05	20.78	ppb
Arsenic	75-2	5.33	5.13	5.59	5.35	4.36	ppb
Barium	135-1	13.71	14.51	13.71	13.98	3.31	ppb
Barium	137-1	13.73	14.47	13.97	14.05	2.68	ppb
Beryllium	9-1	0.08	0.07	0.07	0.07	4.30	ppb
Bismuth	209-1				110		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.16	0.15	0.19	0.17	13.42	ppb
Cadmium	106-1	-1.04	-0.92	-1.76	-1.24		ppb
Cadmium	111-1	-0.01	0.03	-0.06	-0.01		ppb
Calcium	43-1	577.65	599.29	607.14	594.69	2.57	ppb
Calcium	44-1	586.46	594.46	594.84	591.92	0.80	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.89	2.90	2.93	2.91	0.87	ppb
Cobalt	59-2	1.92	2.03	1.92	1.96	3.31	ppb
Copper	63-2	5.57	5.74	5.60	5.64	1.63	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				106		%
Indium	115-2				104		%
Iron	56-2	4491.99	4446.31	4460.82	4466.37	0.52	ppb
Iron	57-2	4447.12	4483.56	4444.21	4458.30	0.49	ppb
Iron	54-2	4426.62	4502.64	4474.92	4468.06	0.86	ppb
Krypton	83-1						cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : P5173-20LDLX20 Instrumnet Name : P7
Client Sample ID : MYCZ58L Dilution Factor : 20
Date & Time Acquired : 2024-12-18 17:40:33 DataFile Name : 079SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	6.93	7.03	7.16	7.04	1.59	ppb
Lead	207-1	6.85	6.80	6.77	6.81	0.59	ppb
Lead	208-1	6.76	6.80	6.86	6.81	0.78	ppb
Lithium	6-1				104		%
Magnesium	24-2	711.97	711.32	708.17	710.49	0.29	ppb
Manganese	55-2	69.32	70.04	69.41	69.59	0.56	ppb
Molybdenum	94-1	0.83	0.83	0.83	0.83	0.38	ppb
Molybdenum	95-1	0.06	0.15	0.07	0.09	54.37	ppb
Molybdenum	96-1	0.18	0.33	0.15	0.22	44.26	ppb
Molybdenum	97-1	0.07	0.25	0.07	0.13	76.24	ppb
Molybdenum	98-1	0.07	0.22	0.06	0.12	73.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.39	2.28	2.33	2.33	2.28	ppb
Phosphorus	31-2	130.13	122.89	114.55	122.52	6.36	ppb
Potassium	39-2	529.30	532.87	528.22	530.13	0.46	ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	82-1	-0.24	-0.03	-0.23	-0.17		ppb
Selenium	77-2	1.05	0.81	0.45	0.77	38.97	ppb
Selenium	78-2	0.60	1.64	1.04	1.10	47.58	ppb
Silicon	28-1	217.79	223.66	228.72	223.39	2.45	ppb
Silver	107-1	0.03	0.04	0.03	0.03	27.00	ppb
Silver	109-1	0.02	0.03	0.02	0.03	16.83	ppb
Sodium	23-2	25.04	25.35	24.94	25.11	0.85	ppb
Strontium	86-1	76.18	75.94	76.03	76.05	0.16	ppb
Strontium	88-1	75.59	76.06	76.46	76.04	0.57	ppb
Sulfur	34-1	-1524.48	-1465.18	-1398.98	-1462.88		ppb
Terbium	159-1				110		%
Terbium	159-2				108		%
Thallium	203-1	0.03	0.04	0.04	0.04	8.54	ppb
Thallium	205-1	0.03	0.04	0.03	0.03	11.59	ppb
Tin	118-1	-0.01	-0.01	-0.02	-0.01		ppb
Titanium	47-1	45.54	46.87	46.92	46.44	1.69	ppb

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

P5173-20LDLX20

Instrumnet Name :

P7

Client Sample ID :

MYCZ58L

Dilution Factor :

20

Date & Time Acquired :

2024-12-18 17:40:33

DataFile Name :

079SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.05	0.05	0.05	0.05	1.29	ppb
Vanadium	51-2	6.95	6.82	6.79	6.85	1.20	ppb
Yttrium	89-1				105		%
Yttrium	89-2				104		%
Zinc	66-2	21.26	20.66	21.22	21.05	1.58	ppb
Zirconium	90-1	0.44	0.42	0.45	0.44	3.42	ppb
Zirconium	91-1	0.44	0.46	0.44	0.45	2.95	ppb

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

P5173-22DLX4

Instrumnet Name :

P7

Client Sample ID :

MYCZ58S

Dilution Factor :

4

Date & Time Acquired :

2024-12-18 17:43:46

DataFile Name :

080SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8245.14	8095.33	8187.34	8175.94	0.92	ppb
Antimony	121-1	16.70	18.71	18.02	17.81	5.73	ppb
Arsenic	75-2	33.01	33.21	33.72	33.31	1.10	ppb
Barium	135-1	386.64	441.29	429.07	419.00	6.85	ppb
Barium	137-1	396.79	440.36	435.32	424.16	5.62	ppb
Beryllium	9-1	8.28	9.23	8.85	8.79	5.44	ppb
Bismuth	209-1				110		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	8.33	9.85	9.02	9.07	8.36	ppb
Cadmium	106-1	7.34	8.89	8.04	8.09	9.62	ppb
Cadmium	111-1	8.94	10.23	9.66	9.61	6.76	ppb
Calcium	43-1	2739.82	3105.01	2980.22	2941.68	6.31	ppb
Calcium	44-1	2658.72	3000.47	2886.29	2848.49	6.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	49.62	49.93	49.46	49.67	0.49	ppb
Cobalt	59-2	97.07	97.11	97.07	97.08	0.03	ppb
Copper	63-2	69.98	69.80	70.47	70.08	0.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				108		%
Indium	115-1				106		%
Indium	115-2				102		%
Iron	56-2	22557.21	22427.85	22464.01	22483.02	0.30	ppb
Iron	57-2	22111.96	22089.11	22270.23	22157.10	0.45	ppb
Iron	54-2	22612.17	22818.97	22430.38	22620.51	0.86	ppb
Krypton	83-1						cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : P5173-22DLX4 Instrumnet Name : P7
Client Sample ID : MYCZ58S Dilution Factor : 4
Date & Time Acquired : 2024-12-18 17:43:46 DataFile Name : 080SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	35.68	39.88	39.20	38.25	5.90	ppb
Lead	207-1	34.63	38.85	38.10	37.19	6.05	ppb
Lead	208-1	34.83	38.96	38.21	37.33	5.90	ppb
Lithium	6-1				104		%
Magnesium	24-2	3663.95	3671.90	3650.66	3662.17	0.29	ppb
Manganese	55-2	441.64	439.33	442.45	441.14	0.37	ppb
Molybdenum	94-1	3.88	4.20	4.17	4.08	4.41	ppb
Molybdenum	95-1	0.29	0.32	0.32	0.31	6.15	ppb
Molybdenum	96-1	0.81	0.90	0.87	0.86	5.46	ppb
Molybdenum	97-1	0.28	0.31	0.30	0.30	5.98	ppb
Molybdenum	98-1	0.28	0.32	0.29	0.30	6.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	98.92	99.31	100.01	99.41	0.55	ppb
Phosphorus	31-2	709.00	731.26	729.54	723.27	1.71	ppb
Potassium	39-2	2573.17	2601.91	2581.44	2585.51	0.57	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				98		%
Selenium	82-1	17.97	20.08	18.96	19.00	5.57	ppb
Selenium	77-2	17.79	23.27	23.04	21.37	14.52	ppb
Selenium	78-2	19.34	20.02	19.49	19.62	1.84	ppb
Silicon	28-1	1053.92	1183.53	1153.13	1130.19	6.00	ppb
Silver	107-1	7.98	9.05	8.81	8.62	6.50	ppb
Silver	109-1	7.94	9.04	8.82	8.60	6.77	ppb
Sodium	23-2	69.71	69.58	70.08	69.79	0.37	ppb
Strontium	86-1	351.83	392.69	382.88	375.80	5.68	ppb
Strontium	88-1	353.78	392.45	378.82	375.02	5.23	ppb
Sulfur	34-1	-1398.07	-1168.66	-1215.90	-1260.88		ppb
Terbium	159-1				109		%
Terbium	159-2				108		%
Thallium	203-1	7.73	8.74	8.61	8.36	6.60	ppb
Thallium	205-1	7.78	8.75	8.53	8.35	6.08	ppb
Tin	118-1	0.16	0.21	0.21	0.19	14.18	ppb
Titanium	47-1	214.48	239.51	234.70	229.56	5.79	ppb

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

P5173-22DLX4

Instrumnet Name :

P7

Client Sample ID :

MYCZ58S

Dilution Factor :

4

Date & Time Acquired :

2024-12-18 17:43:46

DataFile Name :

080SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.22	0.25	0.24	0.24	5.47	ppb
Vanadium	51-2	119.73	119.63	120.29	119.89	0.30	ppb
Yttrium	89-1				106		%
Yttrium	89-2				104		%
Zinc	66-2	190.48	189.38	192.76	190.87	0.90	ppb
Zirconium	90-1	2.01	2.23	2.13	2.13	5.17	ppb
Zirconium	91-1	2.06	2.32	2.23	2.21	5.95	ppb

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

P5173-20MSDLX4

Instrumnet Name :

P7

Client Sample ID :

MYCZ58SRE

Dilution Factor :

4

Date & Time Acquired :

2024-12-18 17:46:54

DataFile Name :

081SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9273.34	9132.20	9265.91	9223.82	0.86	ppb
Antimony	121-1	73.41	77.56	76.82	75.93	2.91	ppb
Arsenic	75-2	55.40	56.66	56.72	56.26	1.32	ppb
Barium	135-1	1502.11	1590.78	1596.06	1562.98	3.38	ppb
Barium	137-1	1503.63	1598.57	1573.69	1558.63	3.16	ppb
Beryllium	9-1	36.84	37.24	37.49	37.19	0.88	ppb
Bismuth	209-1				107		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	34.46	36.33	35.49	35.43	2.65	ppb
Cadmium	106-1	34.68	35.99	35.30	35.32	1.84	ppb
Cadmium	111-1	38.81	40.89	40.86	40.18	2.97	ppb
Calcium	43-1	2788.85	2965.96	2991.80	2915.54	3.79	ppb
Calcium	44-1	2735.38	2873.59	2904.44	2837.80	3.17	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	165.02	163.65	165.00	164.56	0.48	ppb
Cobalt	59-2	387.96	392.49	396.04	392.16	1.03	ppb
Copper	63-2	204.72	204.10	205.77	204.86	0.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	22835.37	22515.00	22856.15	22735.50	0.84	ppb
Iron	57-2	22555.15	22275.67	22453.64	22428.15	0.63	ppb
Iron	54-2	22932.74	22802.06	22953.95	22896.25	0.36	ppb
Krypton	83-1						cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : P5173-20MSDLX4 Instrumnet Name : P7
Client Sample ID : MYCZ58SRE Dilution Factor : 4
Date & Time Acquired : 2024-12-18 17:46:54 DataFile Name : 081SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	48.42	50.42	51.11	49.98	2.80	ppb
Lead	207-1	46.66	47.30	48.99	47.65	2.52	ppb
Lead	208-1	46.68	48.43	49.29	48.13	2.76	ppb
Lithium	6-1				104		%
Magnesium	24-2	3641.83	3636.81	3642.85	3640.50	0.09	ppb
Manganese	55-2	719.58	723.64	716.19	719.80	0.52	ppb
Molybdenum	94-1	3.98	4.11	4.04	4.04	1.64	ppb
Molybdenum	95-1	0.28	0.30	0.34	0.31	10.01	ppb
Molybdenum	96-1	0.83	0.89	0.89	0.87	3.88	ppb
Molybdenum	97-1	0.29	0.32	0.30	0.30	5.30	ppb
Molybdenum	98-1	0.29	0.32	0.31	0.31	5.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	385.17	385.63	387.28	386.02	0.29	ppb
Phosphorus	31-2	717.09	680.29	712.91	703.43	2.86	ppb
Potassium	39-2	2574.46	2604.77	2586.56	2588.59	0.59	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				97		%
Selenium	82-1	84.77	87.49	85.63	85.96	1.62	ppb
Selenium	77-2	87.12	88.26	88.79	88.06	0.97	ppb
Selenium	78-2	87.07	86.80	87.91	87.26	0.67	ppb
Silicon	28-1	1083.50	1147.58	1132.91	1121.33	2.99	ppb
Silver	107-1	29.87	31.94	31.72	31.18	3.65	ppb
Silver	109-1	30.02	31.80	31.56	31.13	3.11	ppb
Sodium	23-2	68.02	68.38	68.47	68.29	0.35	ppb
Strontium	86-1	354.63	377.33	371.91	367.96	3.22	ppb
Strontium	88-1	361.46	374.93	373.74	370.04	2.02	ppb
Sulfur	34-1	-1322.95	-1243.91	-1202.07	-1256.31		ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	35.61	36.20	37.22	36.34	2.25	ppb
Thallium	205-1	35.02	36.33	36.76	36.04	2.51	ppb
Tin	118-1	0.22	0.22	0.21	0.21	2.03	ppb
Titanium	47-1	220.68	233.47	233.72	229.29	3.25	ppb

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

P5173-20MSDLX4

Instrumnet Name :

P7

Client Sample ID :

MYCZ58SRE

Dilution Factor :

4

Date & Time Acquired :

2024-12-18 17:46:54

DataFile Name :

081SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.21	0.23	0.24	0.23	6.11	ppb
Vanadium	51-2	412.52	403.34	406.58	407.48	1.14	ppb
Yttrium	89-1				105		%
Yttrium	89-2				102		%
Zinc	66-2	475.69	474.38	475.56	475.21	0.15	ppb
Zirconium	90-1	2.03	2.13	2.10	2.09	2.29	ppb
Zirconium	91-1	2.08	2.19	2.12	2.13	2.53	ppb

LB Number :LB134003Operator :Jaswal

Lab Sample ID :CCV013Instrumnet Name :P7

Client Sample ID :CCV013Dilution Factor :1

Date & Time Acquired :2024-12-18 17:54:39DataFile Name :082CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51213.40	51514.63	51358.56	51362.19	0.29	ppb
Antimony	121-1	481.78	487.92	492.81	487.50	1.13	ppb
Arsenic	75-2	507.59	510.16	509.41	509.05	0.26	ppb
Barium	135-1	2427.61	2490.41	2491.93	2469.98	1.49	ppb
Barium	137-1	2451.39	2478.85	2459.72	2463.32	0.57	ppb
Beryllium	9-1	480.54	490.63	478.18	483.11	1.37	ppb
Bismuth	209-1				97		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	501.44	509.73	506.38	505.85	0.82	ppb
Cadmium	106-1	497.59	514.75	511.87	508.07	1.81	ppb
Cadmium	111-1	511.77	513.17	519.64	514.86	0.82	ppb
Calcium	43-1	251727.70	251570.26	255674.42	252990.79	0.92	ppb
Calcium	44-1	250016.84	251816.48	254325.30	252052.87	0.86	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	503.88	497.53	495.86	499.09	0.85	ppb
Cobalt	59-2	488.16	489.52	487.27	488.32	0.23	ppb
Copper	63-2	4972.05	4929.06	4935.14	4945.42	0.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				93		%
Indium	115-2				91		%
Iron	56-2	128984.29	128978.13	128861.84	128941.42	0.05	ppb
Iron	57-2	129268.55	130154.09	127174.67	128865.77	1.19	ppb
Iron	54-2	130676.75	130270.26	129455.24	130134.08	0.48	ppb
Krypton	83-1						cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : CCV013 Instrumnet Name : P7
Client Sample ID : CCV013 Dilution Factor : 1
Date & Time Acquired : 2024-12-18 17:54:39 DataFile Name : 082CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2522.35	2548.51	2545.53	2538.80	0.56	ppb
Lead	207-1	2503.24	2515.54	2535.54	2518.11	0.65	ppb
Lead	208-1	2495.60	2519.29	2534.68	2516.53	0.78	ppb
Lithium	6-1				96		%
Magnesium	24-2	248921.81	251319.16	247948.61	249396.53	0.70	ppb
Manganese	55-2	4931.91	4900.73	4955.49	4929.38	0.56	ppb
Molybdenum	94-1	4828.86	5036.71	4992.97	4952.84	2.21	ppb
Molybdenum	95-1	4847.84	4984.42	5015.97	4949.41	1.81	ppb
Molybdenum	96-1	4871.27	5025.67	5038.61	4978.52	1.87	ppb
Molybdenum	97-1	4879.24	4998.15	4990.35	4955.91	1.34	ppb
Molybdenum	98-1	4870.68	4988.16	5026.39	4961.74	1.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	467.86	468.24	465.16	467.09	0.36	ppb
Phosphorus	31-2	9870.50	9919.54	9720.89	9836.98	1.05	ppb
Potassium	39-2	127654.57	126650.21	125038.73	126447.83	1.04	ppb
Rhodium	103-1				88		%
Rhodium	103-2				87		%
Scandium	45-1				93		%
Scandium	45-2				87		%
Selenium	82-1	494.28	508.35	505.85	502.83	1.49	ppb
Selenium	77-2	498.47	506.50	504.20	503.06	0.82	ppb
Selenium	78-2	502.54	501.45	513.41	505.80	1.31	ppb
Silicon	28-1	470.64	485.27	498.99	484.97	2.92	ppb
Silver	107-1	506.84	507.05	506.17	506.69	0.09	ppb
Silver	109-1	500.39	512.32	510.36	507.69	1.26	ppb
Sodium	23-2	319427.20	319075.09	316018.42	318173.57	0.59	ppb
Strontium	86-1	12228.24	12510.30	12650.03	12462.85	1.72	ppb
Strontium	88-1	12224.89	12561.57	12568.79	12451.75	1.58	ppb
Sulfur	34-1	8746.31	8644.37	8848.24	8746.30	1.17	ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	500.84	515.41	516.66	510.97	1.72	ppb
Thallium	205-1	500.74	504.14	513.86	506.25	1.35	ppb
Tin	118-1	487.94	498.08	490.93	492.32	1.06	ppb
Titanium	47-1	4884.38	4848.31	4912.32	4881.67	0.66	ppb

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

CCV013

Instrumnet Name :

P7

Client Sample ID :

CCV013

Dilution Factor :

1

Date & Time Acquired :

2024-12-18 17:54:39

DataFile Name :

082CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	490.47	506.97	509.48	502.31	2.06	ppb
Vanadium	51-2	508.16	504.87	505.43	506.15	0.35	ppb
Yttrium	89-1				94		%
Yttrium	89-2				93		%
Zinc	66-2	4908.81	4926.37	4865.06	4900.08	0.64	ppb
Zirconium	90-1	491.68	501.18	498.30	497.06	0.98	ppb
Zirconium	91-1	486.38	510.75	498.20	498.44	2.44	ppb

LB Number :LB134003Operator :Jaswal

Lab Sample ID :CCB013Instrumnet Name :P7

Client Sample ID :CCB013Dilution Factor :1

Date & Time Acquired :2024-12-18 17:57:21DataFile Name :083CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.36	3.00	3.35	3.24	6.27	ppb
Antimony	121-1	0.22	0.21	0.18	0.20	9.34	ppb
Arsenic	75-2	0.07	0.02	0.06	0.05	48.23	ppb
Barium	135-1	0.15	0.15	0.16	0.15	3.96	ppb
Barium	137-1	0.13	0.17	0.16	0.15	11.55	ppb
Beryllium	9-1	0.08	0.09	0.07	0.08	18.84	ppb
Bismuth	209-1				107		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.04	0.05	0.08	0.06	34.39	ppb
Cadmium	106-1	-0.91	-1.02	-1.11	-1.01		ppb
Cadmium	111-1	-0.02	-0.04	-0.04	-0.04		ppb
Calcium	43-1	15.96	15.84	16.98	16.26	3.86	ppb
Calcium	44-1	14.49	16.32	17.60	16.14	9.67	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	4.96	ppb
Cobalt	59-2	0.04	0.04	0.04	0.04	3.91	ppb
Copper	63-2	0.35	0.34	0.35	0.35	1.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				105		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	9.18	9.00	8.92	9.03	1.47	ppb
Iron	57-2	5.59	5.18	4.46	5.08	11.26	ppb
Iron	54-2	9.91	9.50	8.61	9.34	7.11	ppb
Krypton	83-1						cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : CCB013 Instrumnet Name : P7
Client Sample ID : CCB013 Dilution Factor : 1
Date & Time Acquired : 2024-12-18 17:57:21 DataFile Name : 083CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.15	0.17	0.18	0.17	10.33	ppb
Lead	207-1	0.15	0.16	0.17	0.16	4.61	ppb
Lead	208-1	0.15	0.17	0.17	0.16	6.86	ppb
Lithium	6-1				104		%
Magnesium	24-2	15.02	14.81	15.02	14.95	0.83	ppb
Manganese	55-2	0.34	0.34	0.30	0.33	7.66	ppb
Molybdenum	94-1	0.42	0.41	0.43	0.42	2.68	ppb
Molybdenum	95-1	0.33	0.37	0.35	0.35	4.86	ppb
Molybdenum	96-1	0.36	0.37	0.37	0.36	1.71	ppb
Molybdenum	97-1	0.37	0.37	0.40	0.38	4.87	ppb
Molybdenum	98-1	0.36	0.39	0.38	0.37	4.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.12	0.14	0.08	0.11	28.68	ppb
Phosphorus	31-2	-21.14	-21.44	-19.42	-20.67		ppb
Potassium	39-2	10.14	9.80	9.21	9.72	4.86	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				95		%
Scandium	45-2				92		%
Selenium	82-1	-0.19	0.11	-0.35	-0.14		ppb
Selenium	77-2	-0.04	-0.04	-0.04	-0.04		ppb
Selenium	78-2	0.25	0.01	-0.80	-0.18		ppb
Silicon	28-1	-45.14	-41.61	-43.04	-43.27		ppb
Silver	107-1	0.08	0.08	0.08	0.08	5.04	ppb
Silver	109-1	0.08	0.08	0.06	0.07	9.79	ppb
Sodium	23-2	39.19	38.83	38.11	38.71	1.42	ppb
Strontium	86-1	1.09	0.68	0.84	0.87	24.21	ppb
Strontium	88-1	0.83	0.89	0.91	0.88	4.92	ppb
Sulfur	34-1	-754.47	-554.22	-591.25	-633.31		ppb
Terbium	159-1				105		%
Terbium	159-2				106		%
Thallium	203-1	0.06	0.05	0.06	0.06	7.73	ppb
Thallium	205-1	0.06	0.06	0.05	0.06	4.74	ppb
Tin	118-1	0.01	0.00	0.01	0.01	91.97	ppb
Titanium	47-1	0.23	0.34	0.28	0.28	18.94	ppb

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

CCB013

Instrumnet Name :

P7

Client Sample ID :

CCB013

Dilution Factor :

1

Date & Time Acquired :

2024-12-18 17:57:21

DataFile Name :

083CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.02	0.03	0.02	11.14	ppb
Vanadium	51-2	0.02	0.04	0.03	0.03	20.21	ppb
Yttrium	89-1				98		%
Yttrium	89-2				98		%
Zinc	66-2	0.41	0.45	0.44	0.43	4.56	ppb
Zirconium	90-1	0.04	0.04	0.04	0.04	5.48	ppb
Zirconium	91-1	0.03	0.04	0.06	0.04	24.77	ppb

LB Number :LB134003

Operator :Jaswal

Lab Sample ID :S00

Instrumnet Name :P7

Client Sample ID :S0

Dilution Factor :1

Date & Time Acquired :2024-12-18 13:30:23

DataFile Name :004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	173	207	203	194	9.44	cps
Antimony	121-1	30	17	13	20	44.10	cps
Arsenic	75-2	13	13	0	9	86.60	cps
Barium	135-1	53	50	43	49	10.42	cps
Barium	137-1	60	47	60	56	13.85	cps
Beryllium	9-1	27	37	30	31	16.37	cps
Bismuth	209-1	10479841	10401942	10351889	10411224	0.62	cps
Bismuth	209-2	8806057	8746097	8937255	8829803	1.11	cps
Bromine	81-1	17651	18198	17944	17931	1.53	cps
Bromine	81-2	273	257	303	278	8.51	cps
Cadmium	108-1	10	3	3	6	69.34	cps
Cadmium	106-1	4277	4161	3971	4136	3.74	cps
Cadmium	111-1	3000	2923	2804	2909	3.41	cps
Calcium	43-1	380	320	387	362	10.14	cps
Calcium	44-1	9360	9323	9430	9371	0.58	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1247	1130	1210	1196	4.99	cps
Cobalt	59-2	100	123	133	119	14.39	cps
Copper	63-2	893	983	940	939	4.79	cps
Dysprosium	156-1	17	20	10	16	32.73	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	63	67	87	72	17.48	cps
Erbium	164-2	53	50	60	54	9.35	cps
Gadolinium	160-1	50	57	53	53	6.25	cps
Gadolinium	160-2	887	797	780	821	6.99	cps
Holmium	165-1	16924665	16822335	16450606	16732535	1.49	cps
Holmium	165-2	12340509	12175386	12291307	12269067	0.69	cps
Indium	115-1	14658321	14554877	14186066	14466421	1.72	cps
Indium	115-2	5681223	5658464	5702149	5680612	0.38	cps
Iron	56-2	20811	20811	20945	20856	0.37	cps
Iron	57-2	1944	1407	1403	1585	19.63	cps
Iron	54-2	2847	2887	2967	2900	2.11	cps
Krypton	83-1	263	170	213	216	21.67	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P7
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2024-12-18 13:30:23 DataFile Name : 004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	353	460	413	409	13.08	cps
Lead	207-1	380	337	320	346	8.96	cps
Lead	208-1	1667	1757	1533	1652	6.80	cps
Lithium	6-1	1732400	1681659	1762067	1725375	2.36	cps
Magnesium	24-2	587	577	517	560	6.76	cps
Manganese	55-2	583	637	507	576	11.35	cps
Molybdenum	94-1	253	233	273	253	7.89	cps
Molybdenum	95-1	87	70	103	87	19.23	cps
Molybdenum	96-1	193	223	207	208	7.23	cps
Molybdenum	97-1	87	77	60	74	18.10	cps
Molybdenum	98-1	170	147	140	152	10.35	cps
Neodymium	150-1	7	17	3	9	78.08	cps
Neodymium	150-2	13	3	7	8	65.47	cps
Nickel	60-2	343	307	350	333	7.00	cps
Phosphorus	31-2	277	377	353	336	15.59	cps
Potassium	39-2	68781	67940	69223	68648	0.95	cps
Rhodium	103-1	13837759	13677450	13570092	13695100	0.98	cps
Rhodium	103-2	8410792	8368632	8389949	8389791	0.25	cps
Scandium	45-1	8141321	8139807	8164570	8148566	0.17	cps
Scandium	45-2	752116	747314	752256	750562	0.37	cps
Selenium	82-1	217	262	239	239	9.45	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	620	520	600	580	9.12	cps
Silicon	28-1	865344	866411	1157645	963134	17.49	cps
Silver	107-1	317	187	123	209	47.18	cps
Silver	109-1	307	133	70	170	72.07	cps
Sodium	23-2	22063	22270	21899	22077	0.84	cps
Strontium	86-1	413	427	357	399	9.32	cps
Strontium	88-1	230	247	243	240	3.68	cps
Sulfur	34-1	223592	225435	229213	226080	1.27	cps
Terbium	159-1	17329838	17351732	17253922	17311831	0.30	cps
Terbium	159-2	12468566	12188826	12308379	12321924	1.14	cps
Thallium	203-1	137	113	147	132	12.93	cps
Thallium	205-1	337	280	340	319	10.57	cps
Tin	118-1	2557	2717	2730	2668	3.62	cps
Titanium	47-1	120	130	93	114	16.56	cps

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

S00

Instrumnet Name :

P7

Client Sample ID :

S0

Dilution Factor :

1

Date & Time Acquired :

2024-12-18 13:30:23

DataFile Name :

004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	17	20	23	20	16.65	cps
Vanadium	51-2	13	23	13	17	34.65	cps
Yttrium	89-1	17306855	17073720	17305111	17228562	0.78	cps
Yttrium	89-2	4997753	4911907	4980636	4963432	0.92	cps
Zinc	66-2	357	420	390	389	8.15	cps
Zirconium	90-1	730	637	737	701	7.97	cps
Zirconium	91-1	160	130	153	148	10.66	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : S02 Instrumnet Name : P7
Client Sample ID : S02 Dilution Factor : 1
Date & Time Acquired : 2024-12-18 13:36:56 DataFile Name : 006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7915	7645	7952	7838	2.14	cps
Antimony	121-1	31531	32189	31932	31884	1.04	cps
Arsenic	75-2	1157	1027	920	1034	11.46	cps
Barium	135-1	38646	39468	39217	39110	1.08	cps
Barium	137-1	67211	67472	67610	67431	0.30	cps
Beryllium	9-1	1873	1740	1783	1799	3.78	cps
Bismuth	209-1	10422670	10311430	10064849	10266317	1.78	cps
Bismuth	209-2	8772549	8698354	8730280	8733728	0.43	cps
Bromine	81-1	17137	16750	17247	17044	1.53	cps
Bromine	81-2	260	223	263	249	8.92	cps
Cadmium	108-1	283	337	390	337	15.84	cps
Cadmium	106-1	4761	4614	4774	4716	1.88	cps
Cadmium	111-1	7208	7285	7230	7241	0.55	cps
Calcium	43-1	22884	23368	23515	23256	1.42	cps
Calcium	44-1	378274	379819	377250	378447	0.34	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	15128	15478	15355	15320	1.16	cps
Cobalt	59-2	11678	11628	11611	11639	0.30	cps
Copper	63-2	16169	16182	16426	16259	0.89	cps
Dysprosium	156-1	23	17	17	19	20.36	cps
Dysprosium	156-2	7	10	3	7	50.03	cps
Erbium	164-1	80	90	73	81	10.34	cps
Erbium	164-2	47	40	43	43	7.70	cps
Gadolinium	160-1	100	47	70	72	37.02	cps
Gadolinium	160-2	817	703	687	736	9.62	cps
Holmium	165-1	16731118	16729384	16394599	16618367	1.17	cps
Holmium	165-2	12254325	12078812	11924344	12085827	1.37	cps
Indium	115-1	14408523	14538001	14200920	14382481	1.18	cps
Indium	115-2	5655752	5595044	5654280	5635025	0.61	cps
Iron	56-2	364392	358637	358707	360579	0.92	cps
Iron	57-2	10377	10187	10387	10317	1.09	cps
Iron	54-2	22480	22193	21449	22041	2.42	cps
Krypton	83-1	227	243	210	227	7.35	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : S02 Instrumnet Name : P7
Client Sample ID : S02 Dilution Factor : 1
Date & Time Acquired : 2024-12-18 13:36:56 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	11779	11932	11635	11782	1.26	cps
Lead	207-1	10371	10497	10307	10392	0.93	cps
Lead	208-1	47015	47249	46909	47058	0.37	cps
Lithium	6-1	1768774	1775449	1738196	1760807	1.13	cps
Magnesium	24-2	308317	306987	306278	307194	0.34	cps
Manganese	55-2	6311	6465	6255	6344	1.71	cps
Molybdenum	94-1	33134	33532	32934	33200	0.92	cps
Molybdenum	95-1	40349	40910	40843	40701	0.75	cps
Molybdenum	96-1	44872	45323	45303	45166	0.56	cps
Molybdenum	97-1	25482	25602	25559	25548	0.24	cps
Molybdenum	98-1	65426	65516	64116	65019	1.20	cps
Neodymium	150-1	7	7	10	8	24.71	cps
Neodymium	150-2	20	0	3	8	137.80	cps
Nickel	60-2	3317	3134	3377	3276	3.87	cps
Phosphorus	31-2	847	883	890	873	2.67	cps
Potassium	39-2	494633	489041	489571	491081	0.63	cps
Rhodium	103-1	13549547	13637764	13826723	13671345	1.04	cps
Rhodium	103-2	8303434	8248308	8206182	8252642	0.59	cps
Scandium	45-1	8104717	8095075	8026827	8075539	0.53	cps
Scandium	45-2	751206	742891	745539	746546	0.57	cps
Selenium	82-1	1613	1421	1481	1505	6.52	cps
Selenium	77-2	150	137	200	162	20.58	cps
Selenium	78-2	1110	1080	1107	1099	1.50	cps
Silicon	28-1	1176399	1159890	1179938	1172076	0.91	cps
Silver	107-1	20778	20354	20511	20548	1.04	cps
Silver	109-1	19487	20218	19613	19772	1.98	cps
Sodium	23-2	490846	485160	485311	487106	0.67	cps
Strontium	86-1	5424	5728	5584	5579	2.72	cps
Strontium	88-1	45547	44644	45256	45149	1.02	cps
Sulfur	34-1	231758	230976	234326	232354	0.75	cps
Terbium	159-1	17312075	17176035	17363956	17284022	0.56	cps
Terbium	159-2	12191906	12113249	12212673	12172610	0.43	cps
Thallium	203-1	14468	14231	14578	14426	1.23	cps
Thallium	205-1	33548	34093	34220	33953	1.05	cps
Tin	118-1	69158	69885	70642	69895	1.06	cps
Titanium	47-1	10003	10324	10320	10216	1.80	cps

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

S02

Instrumnet Name :

P7

Client Sample ID :

S02

Dilution Factor :

1

Date & Time Acquired :

2024-12-18 13:36:56

DataFile Name :

006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	41444	41140	40826	41137	0.75	cps
Vanadium	51-2	30541	30534	29943	30339	1.13	cps
Yttrium	89-1	17131902	17006344	16840390	16992878	0.86	cps
Yttrium	89-2	4919161	4859642	4887014	4888606	0.61	cps
Zinc	66-2	7565	7495	7842	7634	2.40	cps
Zirconium	90-1	27800	27633	27683	27705	0.31	cps
Zirconium	91-1	6368	5958	6245	6190	3.40	cps

LB Number :LB134003Operator :Jaswal

Lab Sample ID :S03Instrumnet Name :P7

Client Sample ID :S03Dilution Factor :1

Date & Time Acquired :2024-12-18 13:40:11DataFile Name :007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	347623	342087	343094	344268	0.86	cps
Antimony	121-1	720556	731911	733362	728610	0.96	cps
Arsenic	75-2	41197	41227	41147	41190	0.10	cps
Barium	135-1	900611	911474	905473	905853	0.60	cps
Barium	137-1	1600795	1576696	1577547	1585013	0.86	cps
Beryllium	9-1	74457	76658	76417	75844	1.59	cps
Bismuth	209-1	10509560	10276195	10213968	10333241	1.51	cps
Bismuth	209-2	8895298	8735795	8945705	8858933	1.24	cps
Bromine	81-1	16513	16409	16569	16497	0.49	cps
Bromine	81-2	253	247	250	250	1.33	cps
Cadmium	108-1	14154	14147	14354	14218	0.83	cps
Cadmium	106-1	24424	24601	24214	24413	0.79	cps
Cadmium	111-1	193903	197365	196233	195834	0.90	cps
Calcium	43-1	208015	211168	208823	209335	0.78	cps
Calcium	44-1	3222631	3227196	3225292	3225039	0.07	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	314083	309671	309454	311069	0.84	cps
Cobalt	59-2	494993	485455	489213	489887	0.98	cps
Copper	63-2	3598370	3651426	3617397	3622397	0.74	cps
Dysprosium	156-1	33	33	37	34	5.60	cps
Dysprosium	156-2	63	67	33	54	33.72	cps
Erbium	164-1	67	90	67	74	18.09	cps
Erbium	164-2	67	27	77	57	46.69	cps
Gadolinium	160-1	73	57	50	60	20.03	cps
Gadolinium	160-2	757	827	777	787	4.58	cps
Holmium	165-1	16993177	16563497	16563764	16706813	1.48	cps
Holmium	165-2	12213378	12141205	12247501	12200695	0.44	cps
Indium	115-1	14503764	14258662	13969018	14243815	1.88	cps
Indium	115-2	5605981	5489578	5535414	5543657	1.06	cps
Iron	56-2	14776747	14714721	14536141	14675870	0.85	cps
Iron	57-2	378818	377492	378396	378235	0.18	cps
Iron	54-2	838336	822018	823058	827804	1.10	cps
Krypton	83-1	203	213	227	214	5.46	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : S03 Instrumnet Name : P7
Client Sample ID : S03 Dilution Factor : 1
Date & Time Acquired : 2024-12-18 13:40:11 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2787695	2759254	2789496	2778815	0.61	cps
Lead	207-1	2412423	2468412	2458392	2446409	1.22	cps
Lead	208-1	11053133	11172905	11198329	11141456	0.70	cps
Lithium	6-1	1835105	1781781	1765346	1794077	2.03	cps
Magnesium	24-2	2735267	2701356	2665765	2700796	1.29	cps
Manganese	55-2	2547205	2477883	2493824	2506304	1.45	cps
Molybdenum	94-1	2615627	2642790	2539525	2599314	2.06	cps
Molybdenum	95-1	3754047	3759571	3735265	3749628	0.34	cps
Molybdenum	96-1	4070209	4152613	4102688	4108503	1.01	cps
Molybdenum	97-1	2350428	2324612	2312320	2329120	0.84	cps
Molybdenum	98-1	5972724	6079265	6015173	6022387	0.89	cps
Neodymium	150-1	50	53	53	52	3.68	cps
Neodymium	150-2	17	17	0	11	86.60	cps
Nickel	60-2	125355	123480	124155	124330	0.76	cps
Phosphorus	31-2	17397	17497	17313	17402	0.53	cps
Potassium	39-2	1934552	1901606	1914860	1917006	0.86	cps
Rhodium	103-1	13703206	13401976	13186015	13430399	1.93	cps
Rhodium	103-2	8138090	7996432	8113703	8082742	0.94	cps
Scandium	45-1	8202002	7971346	7883604	8018984	2.05	cps
Scandium	45-2	723631	711195	715482	716769	0.88	cps
Selenium	82-1	12089	12210	11940	12080	1.12	cps
Selenium	77-2	1450	1347	1337	1378	4.55	cps
Selenium	78-2	5164	5461	5218	5281	3.00	cps
Silicon	28-1	1405204	1417293	1387423	1403307	1.07	cps
Silver	107-1	965296	980635	977697	974543	0.84	cps
Silver	109-1	930090	943155	939631	937625	0.72	cps
Sodium	23-2	4466540	4359715	4351717	4392657	1.46	cps
Strontium	86-1	233163	235370	232419	233651	0.66	cps
Strontium	88-1	2091212	2041484	2062017	2064904	1.21	cps
Sulfur	34-1	279355	281756	277776	279629	0.72	cps
Terbium	159-1	17572173	17221363	17299776	17364437	1.06	cps
Terbium	159-2	12464210	12210289	12183099	12285866	1.26	cps
Thallium	203-1	668737	679111	669623	672490	0.86	cps
Thallium	205-1	1598082	1595736	1594008	1595942	0.13	cps
Tin	118-1	606373	616409	610350	611044	0.83	cps
Titanium	47-1	922284	928532	930181	926999	0.45	cps

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

S03

Instrumnet Name :

P7

Client Sample ID :

S03

Dilution Factor :

1

Date & Time Acquired :

2024-12-18 13:40:11

DataFile Name :

007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2030036	2071930	2089467	2063811	1.48	cps
Vanadium	51-2	271556	272447	268671	270891	0.73	cps
Yttrium	89-1	17219607	16757510	16609537	16862218	1.89	cps
Yttrium	89-2	4778361	4777578	4808927	4788289	0.37	cps
Zinc	66-2	602290	604891	602089	603090	0.26	cps
Zirconium	90-1	1237067	1251005	1243147	1243740	0.56	cps
Zirconium	91-1	275472	280724	278261	278153	0.94	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : S04 Instrumnet Name : P7
Client Sample ID : S04 Dilution Factor : 1
Date & Time Acquired : 2024-12-18 13:43:11 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	813345	800786	790620	801584	1.42	cps
Antimony	121-1	1802922	1825260	1789653	1805945	1.00	cps
Arsenic	75-2	97900	96330	95538	96589	1.24	cps
Barium	135-1	2276036	2272989	2247818	2265615	0.68	cps
Barium	137-1	3872308	3926644	3932429	3910460	0.85	cps
Beryllium	9-1	184122	190473	187916	187504	1.70	cps
Bismuth	209-1	10370266	10232948	10395844	10333019	0.85	cps
Bismuth	209-2	8800874	8758980	8726014	8761956	0.43	cps
Bromine	81-1	15281	15131	14858	15090	1.42	cps
Bromine	81-2	183	240	213	212	13.36	cps
Cadmium	108-1	34668	34705	34227	34533	0.77	cps
Cadmium	106-1	52437	52284	53287	52669	1.03	cps
Cadmium	111-1	466265	466023	468883	467057	0.34	cps
Calcium	43-1	500549	500718	498099	499789	0.29	cps
Calcium	44-1	7706895	7649324	7762116	7706111	0.73	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	727938	715619	709324	717627	1.32	cps
Cobalt	59-2	1145109	1131132	1115672	1130638	1.30	cps
Copper	63-2	8410495	8405529	8273647	8363224	0.93	cps
Dysprosium	156-1	30	43	47	40	22.05	cps
Dysprosium	156-2	133	87	133	118	22.88	cps
Erbium	164-1	90	83	83	86	4.50	cps
Erbium	164-2	57	60	40	52	20.52	cps
Gadolinium	160-1	97	70	73	80	18.17	cps
Gadolinium	160-2	713	767	753	744	3.73	cps
Holmium	165-1	16846888	16683098	16612528	16714171	0.72	cps
Holmium	165-2	12224320	11998938	11942493	12055250	1.24	cps
Indium	115-1	13922492	13778840	13504333	13735222	1.55	cps
Indium	115-2	5405725	5294209	5239160	5313032	1.60	cps
Iron	56-2	34763756	34190770	34033750	34329426	1.12	cps
Iron	57-2	890735	878589	862036	877120	1.64	cps
Iron	54-2	1901275	1905052	1878071	1894799	0.77	cps
Krypton	83-1	200	150	213	188	17.78	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : S04 Instrumnet Name : P7
Client Sample ID : S04 Dilution Factor : 1
Date & Time Acquired : 2024-12-18 13:43:11 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	6822953	6920108	6988582	6910548	1.20	cps
Lead	207-1	6032287	6048888	6159705	6080294	1.14	cps
Lead	208-1	27468871	27683061	27966756	27706229	0.90	cps
Lithium	6-1	1791359	1750871	1767478	1769903	1.15	cps
Magnesium	24-2	6304981	6258589	6150386	6237985	1.27	cps
Manganese	55-2	5998421	5876586	5853695	5909567	1.32	cps
Molybdenum	94-1	6279206	6231703	6289441	6266784	0.49	cps
Molybdenum	95-1	9069931	9009976	9021236	9033714	0.35	cps
Molybdenum	96-1	9918231	9922514	9842424	9894390	0.46	cps
Molybdenum	97-1	5647812	5658595	5573499	5626635	0.82	cps
Molybdenum	98-1	14541476	14467935	14524221	14511211	0.27	cps
Neodymium	150-1	140	167	100	136	24.75	cps
Neodymium	150-2	17	40	43	33	43.58	cps
Nickel	60-2	291745	288625	283306	287892	1.48	cps
Phosphorus	31-2	40798	39634	39551	39994	1.74	cps
Potassium	39-2	4350771	4304774	4275040	4310195	0.89	cps
Rhodium	103-1	12995125	12731582	12703457	12810055	1.26	cps
Rhodium	103-2	7716361	7611161	7648708	7658743	0.70	cps
Scandium	45-1	7839992	7556531	7648014	7681512	1.88	cps
Scandium	45-2	677393	667110	661678	668727	1.19	cps
Selenium	82-1	28223	28431	28190	28281	0.46	cps
Selenium	77-2	3300	3134	3150	3195	2.87	cps
Selenium	78-2	11141	10947	11178	11089	1.12	cps
Silicon	28-1	1770303	1803660	1757744	1777236	1.34	cps
Silver	107-1	2364593	2393389	2388003	2381995	0.64	cps
Silver	109-1	2260787	2280617	2270527	2270643	0.44	cps
Sodium	23-2	10233079	10160417	10027694	10140397	1.03	cps
Strontium	86-1	558633	564536	560164	561111	0.55	cps
Strontium	88-1	4940439	4911921	4974727	4942362	0.64	cps
Sulfur	34-1	345745	346677	337967	343463	1.39	cps
Terbium	159-1	17507111	17054792	17003850	17188584	1.61	cps
Terbium	159-2	12250246	11972421	12069668	12097445	1.17	cps
Thallium	203-1	1662322	1664632	1689368	1672107	0.90	cps
Thallium	205-1	4111560	4129937	4192006	4144501	1.02	cps
Tin	118-1	1455703	1477556	1473154	1468804	0.79	cps
Titanium	47-1	2254030	2223653	2229831	2235838	0.72	cps

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

S04

Instrumnet Name :

P7

Client Sample ID :

S04

Dilution Factor :

1

Date & Time Acquired :

2024-12-18 13:43:11

DataFile Name :

008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	5094746	5171699	5227373	5164606	1.29	cps
Vanadium	51-2	634553	635627	623034	631071	1.11	cps
Yttrium	89-1	16530586	16096725	16221484	16282932	1.37	cps
Yttrium	89-2	4589469	4565424	4509198	4554697	0.90	cps
Zinc	66-2	1422992	1405569	1393478	1407346	1.05	cps
Zirconium	90-1	3045374	3023453	3040456	3036428	0.38	cps
Zirconium	91-1	669589	676008	670328	671975	0.52	cps

LB Number :LB134003Operator :Jaswal

Lab Sample ID :S05Instrumnet Name :P7

Client Sample ID :S05Dilution Factor :1

Date & Time Acquired :2024-12-18 13:59:44DataFile Name :013CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1564425	1579703	1538119	1560749	1.35	cps
Antimony	121-1	3519513	3503283	3476105	3499634	0.63	cps
Arsenic	75-2	183586	181275	182467	182443	0.63	cps
Barium	135-1	4389646	4391746	4386034	4389142	0.07	cps
Barium	137-1	7573854	7507248	7387596	7489566	1.26	cps
Beryllium	9-1	375856	378979	378741	377859	0.46	cps
Bismuth	209-1	10215487	9970384	10014339	10066736	1.30	cps
Bismuth	209-2	8734963	8879606	8777731	8797433	0.84	cps
Bromine	81-1	14494	13993	13803	14097	2.53	cps
Bromine	81-2	227	190	277	231	18.82	cps
Cadmium	108-1	65915	65986	65058	65653	0.79	cps
Cadmium	106-1	95769	94626	93760	94718	1.06	cps
Cadmium	111-1	884924	882974	883216	883705	0.12	cps
Calcium	43-1	932526	926317	928781	929208	0.34	cps
Calcium	44-1	14476064	14357018	14299271	14377451	0.63	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1368654	1380588	1365025	1371422	0.59	cps
Cobalt	59-2	2148956	2151408	2130627	2143664	0.53	cps
Copper	63-2	15788670	15883962	15732722	15801785	0.48	cps
Dysprosium	156-1	87	87	40	71	37.89	cps
Dysprosium	156-2	220	240	170	210	17.17	cps
Erbium	164-1	103	110	97	103	6.45	cps
Erbium	164-2	70	60	83	71	16.46	cps
Gadolinium	160-1	97	83	97	92	8.35	cps
Gadolinium	160-2	570	743	793	702	16.69	cps
Holmium	165-1	16215140	15988729	15811996	16005288	1.26	cps
Holmium	165-2	12003228	12207373	12142483	12117695	0.86	cps
Indium	115-1	13191442	12981096	12869839	13014126	1.25	cps
Indium	115-2	5160439	5181832	5097766	5146679	0.85	cps
Iron	56-2	65276161	65380327	64625187	65093892	0.63	cps
Iron	57-2	1633603	1638061	1612370	1628011	0.84	cps
Iron	54-2	3572499	3553955	3583848	3570101	0.42	cps
Krypton	83-1	220	223	223	222	0.87	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : S05 Instrumnet Name : P7
Client Sample ID : S05 Dilution Factor : 1
Date & Time Acquired : 2024-12-18 13:59:44 DataFile Name : 013CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	13563666	13548877	13610750	13574431	0.24	cps
Lead	207-1	11917658	11974577	11999616	11963950	0.35	cps
Lead	208-1	54485867	54502660	54642837	54543788	0.16	cps
Lithium	6-1	1769449	1790609	1774828	1778295	0.62	cps
Magnesium	24-2	11883003	11834426	11829181	11848870	0.25	cps
Manganese	55-2	11240774	11278229	11175354	11231452	0.46	cps
Molybdenum	94-1	11777521	11784002	11722379	11761300	0.29	cps
Molybdenum	95-1	17254753	17212335	17092131	17186406	0.49	cps
Molybdenum	96-1	18826352	18781186	18534793	18714111	0.84	cps
Molybdenum	97-1	10723535	10785622	10595456	10701537	0.91	cps
Molybdenum	98-1	27503068	27314509	27112253	27309943	0.72	cps
Neodymium	150-1	187	227	170	194	14.98	cps
Neodymium	150-2	43	40	50	44	11.46	cps
Nickel	60-2	539964	539843	537099	538969	0.30	cps
Phosphorus	31-2	74393	75023	75009	74808	0.48	cps
Potassium	39-2	7974689	8024898	7926680	7975422	0.62	cps
Rhodium	103-1	12282745	12009903	11922652	12071767	1.56	cps
Rhodium	103-2	7553035	7454712	7418043	7475264	0.93	cps
Scandium	45-1	7245784	7089935	6971418	7102379	1.94	cps
Scandium	45-2	626449	637242	629147	630946	0.89	cps
Selenium	82-1	53236	53287	53041	53188	0.24	cps
Selenium	77-2	6175	6178	6035	6129	1.34	cps
Selenium	78-2	20962	21309	21038	21103	0.86	cps
Silicon	28-1	2295877	2390334	2329687	2338633	2.05	cps
Silver	107-1	4466902	4468431	4421042	4452125	0.60	cps
Silver	109-1	4353999	4256443	4239201	4283214	1.45	cps
Sodium	23-2	19387625	19362801	19270628	19340351	0.32	cps
Strontium	86-1	1061679	1054481	1042136	1052765	0.94	cps
Strontium	88-1	9438487	9421343	9258978	9372936	1.06	cps
Sulfur	34-1	440904	435963	429861	435576	1.27	cps
Terbium	159-1	16812531	16518108	16476236	16602291	1.10	cps
Terbium	159-2	12126994	12162276	11995836	12095035	0.73	cps
Thallium	203-1	3460095	3423738	3436128	3439987	0.54	cps
Thallium	205-1	8173099	8141394	8152794	8155763	0.20	cps
Tin	118-1	2944279	2886979	2876589	2902616	1.26	cps
Titanium	47-1	4262627	4206168	4161170	4209988	1.21	cps

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

S05

Instrumnet Name :

P7

Client Sample ID :

S05

Dilution Factor :

1

Date & Time Acquired :

2024-12-18 13:59:44

DataFile Name :

013CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10214184	10409330	10290376	10304630	0.95	cps
Vanadium	51-2	1184333	1192589	1190058	1188993	0.36	cps
Yttrium	89-1	15466278	15358831	15144052	15323054	1.07	cps
Yttrium	89-2	4408876	4335256	4392395	4378842	0.88	cps
Zinc	66-2	2707118	2725148	2698774	2710347	0.50	cps
Zirconium	90-1	5826589	5749706	5712453	5762916	1.01	cps
Zirconium	91-1	1263538	1251373	1246319	1253744	0.71	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : S06 Instrumnet Name : P7
Client Sample ID : S06 Dilution Factor : 1
Date & Time Acquired : 2024-12-18 14:02:27 DataFile Name : 014CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3052761	3045298	2968002	3022020	1.55	cps
Antimony	121-1	6773164	6832639	6845391	6817065	0.57	cps
Arsenic	75-2	358561	355516	355311	356463	0.51	cps
Barium	135-1	8549716	8654793	8624742	8609751	0.63	cps
Barium	137-1	14627423	14903411	14697143	14742659	0.97	cps
Beryllium	9-1	719365	731501	727868	726245	0.86	cps
Bismuth	209-1	10144601	10028470	10007887	10060319	0.73	cps
Bismuth	209-2	8740936	8627677	8663203	8677272	0.67	cps
Bromine	81-1	13653	13490	13600	13581	0.61	cps
Bromine	81-2	187	163	190	180	8.07	cps
Cadmium	108-1	125382	127185	127407	126658	0.88	cps
Cadmium	106-1	180966	181663	182036	181555	0.30	cps
Cadmium	111-1	1710581	1725490	1752543	1729538	1.23	cps
Calcium	43-1	1741222	1767090	1730280	1746197	1.08	cps
Calcium	44-1	27773485	28326180	28317750	28139138	1.13	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2636964	2640127	2657806	2644966	0.42	cps
Cobalt	59-2	4205808	4137943	4161113	4168288	0.83	cps
Copper	63-2	30580778	30485049	30370780	30478869	0.34	cps
Dysprosium	156-1	183	147	133	154	16.76	cps
Dysprosium	156-2	420	497	457	458	8.38	cps
Erbium	164-1	120	140	107	122	13.73	cps
Erbium	164-2	97	113	110	107	8.27	cps
Gadolinium	160-1	103	117	147	122	18.16	cps
Gadolinium	160-2	717	763	780	753	4.36	cps
Holmium	165-1	16250883	16073636	16116317	16146945	0.57	cps
Holmium	165-2	12046462	12113278	12012377	12057373	0.43	cps
Indium	115-1	12856625	12765148	12744608	12788794	0.47	cps
Indium	115-2	5086075	5093459	5019631	5066388	0.80	cps
Iron	56-2	127767638	126262991	126096645	126709091	0.73	cps
Iron	57-2	3193796	3193382	3160521	3182567	0.60	cps
Iron	54-2	6990297	6923817	6890226	6934780	0.73	cps
Krypton	83-1	207	217	157	193	16.63	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : S06 Instrumnet Name : P7
Client Sample ID : S06 Dilution Factor : 1
Date & Time Acquired : 2024-12-18 14:02:27 DataFile Name : 014CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	26717260	27135290	26898682	26917078	0.78	cps
Lead	207-1	23478310	23742318	23848370	23689666	0.80	cps
Lead	208-1	106865270	108955023	108666333	108162208	1.05	cps
Lithium	6-1	1790331	1759164	1750871	1766789	1.18	cps
Magnesium	24-2	23190520	22911273	22881655	22994483	0.74	cps
Manganese	55-2	22246871	21936481	21668729	21950694	1.32	cps
Molybdenum	94-1	23089465	23356199	23285875	23243846	0.59	cps
Molybdenum	95-1	33480000	33554066	33493259	33509108	0.12	cps
Molybdenum	96-1	36245538	36625757	36915593	36595629	0.92	cps
Molybdenum	97-1	20739385	21072515	21106324	20972741	0.97	cps
Molybdenum	98-1	53445749	54130636	54381744	53986043	0.90	cps
Neodymium	150-1	387	407	343	379	8.55	cps
Neodymium	150-2	107	110	120	112	6.18	cps
Nickel	60-2	1041044	1036767	1030266	1036026	0.52	cps
Phosphorus	31-2	144905	144514	143327	144249	0.57	cps
Potassium	39-2	15605798	15653739	15502127	15587221	0.50	cps
Rhodium	103-1	11986446	11826996	11742026	11851823	1.05	cps
Rhodium	103-2	7354180	7216802	7343038	7304673	1.04	cps
Scandium	45-1	7120443	7072515	7001254	7064738	0.85	cps
Scandium	45-2	628243	624801	625388	626144	0.29	cps
Selenium	82-1	101474	102994	102724	102397	0.79	cps
Selenium	77-2	11721	12095	11251	11689	3.62	cps
Selenium	78-2	40041	38908	39526	39491	1.44	cps
Silicon	28-1	3648542	3684031	3712855	3681809	0.87	cps
Silver	107-1	8561968	8580614	8599961	8580848	0.22	cps
Silver	109-1	8286524	8266640	8332466	8295210	0.41	cps
Sodium	23-2	37939119	37235484	37166438	37447014	1.14	cps
Strontium	86-1	2119185	2135709	2123151	2126015	0.41	cps
Strontium	88-1	18250160	18479994	18380736	18370297	0.63	cps
Sulfur	34-1	653115	652726	652193	652678	0.07	cps
Terbium	159-1	16715004	16573068	16687176	16658416	0.45	cps
Terbium	159-2	12206064	12101438	12056693	12121398	0.63	cps
Thallium	203-1	6726828	6817138	6778511	6774159	0.67	cps
Thallium	205-1	16065591	16221056	16112299	16132982	0.49	cps
Tin	118-1	5553286	5610787	5623203	5595759	0.67	cps
Titanium	47-1	8085833	8215442	8160754	8154010	0.80	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : S06 Instrumnet Name : P7
Client Sample ID : S06 Dilution Factor : 1
Date & Time Acquired : 2024-12-18 14:02:27 DataFile Name : 014CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	20332337	20545965	20706881	20528394	0.92	cps
Vanadium	51-2	2388921	2382884	2351558	2374454	0.84	cps
Yttrium	89-1	15388745	15096663	15086376	15190594	1.13	cps
Yttrium	89-2	4372066	4314601	4286106	4324258	1.01	cps
Zinc	66-2	5259211	5220089	5207135	5228812	0.52	cps
Zirconium	90-1	11212785	11494863	11356476	11354708	1.24	cps
Zirconium	91-1	2475786	2531809	2475127	2494241	1.30	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : S07 Instrumnet Name : P7
Client Sample ID : S07 Dilution Factor : 1
Date & Time Acquired : 2024-12-18 14:05:13 DataFile Name : 015CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5890452	5909327	5807165	5868981	0.93	cps
Antimony	121-1	13340069	13542120	13498384	13460191	0.79	cps
Arsenic	75-2	697542	694561	692009	694704	0.40	cps
Barium	135-1	16951939	17223100	17111242	17095427	0.80	cps
Barium	137-1	29113729	29709612	29508339	29443893	1.03	cps
Beryllium	9-1	1442150	1433263	1464103	1446505	1.10	cps
Bismuth	209-1	10038418	10013111	9958958	10003496	0.41	cps
Bismuth	209-2	8690717	8503075	8547031	8580274	1.14	cps
Bromine	81-1	13756	13857	13633	13749	0.81	cps
Bromine	81-2	180	117	157	151	21.20	cps
Cadmium	108-1	245365	249952	247879	247732	0.93	cps
Cadmium	106-1	345016	349415	348462	347631	0.67	cps
Cadmium	111-1	3342445	3332350	3398775	3357857	1.07	cps
Calcium	43-1	3400436	3422671	3452969	3425359	0.77	cps
Calcium	44-1	54342299	55142801	55079656	54854919	0.81	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5189801	5206421	5204196	5200139	0.17	cps
Cobalt	59-2	8121809	8124508	8212400	8152906	0.63	cps
Copper	63-2	59540141	59044406	58709611	59098052	0.71	cps
Dysprosium	156-1	257	287	227	257	11.69	cps
Dysprosium	156-2	910	753	883	849	9.87	cps
Erbium	164-1	163	193	187	181	8.70	cps
Erbium	164-2	123	137	107	122	12.30	cps
Gadolinium	160-1	170	163	147	160	7.51	cps
Gadolinium	160-2	833	817	813	821	1.30	cps
Holmium	165-1	16347590	16207324	16152919	16235944	0.62	cps
Holmium	165-2	12450998	12050847	12282081	12261309	1.64	cps
Indium	115-1	12634310	12620229	12670492	12641677	0.21	cps
Indium	115-2	5030385	4955603	4886002	4957330	1.46	cps
Iron	56-2	250122683	248203130	249262736	249196183	0.39	cps
Iron	57-2	6199291	6144134	6146925	6163450	0.50	cps
Iron	54-2	13729489	13460645	13578682	13589605	0.99	cps
Krypton	83-1	217	197	247	220	11.44	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : S07 Instrumnet Name : P7
Client Sample ID : S07 Dilution Factor : 1
Date & Time Acquired : 2024-12-18 14:05:13 DataFile Name : 015CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	51776041	53477303	53319694	52857679	1.78	cps
Lead	207-1	46168923	46993136	46855749	46672603	0.95	cps
Lead	208-1	210293772	213579443	214180078	212684431	0.98	cps
Lithium	6-1	1739482	1715890	1708819	1721397	0.93	cps
Magnesium	24-2	45007399	45017473	44685188	44903353	0.42	cps
Manganese	55-2	43284754	42735833	42732151	42917579	0.74	cps
Molybdenum	94-1	45787954	46211648	46337598	46112400	0.62	cps
Molybdenum	95-1	66254061	66936139	67056342	66748847	0.65	cps
Molybdenum	96-1	72609844	73203741	73090741	72968108	0.43	cps
Molybdenum	97-1	41360374	41874346	41662762	41632494	0.62	cps
Molybdenum	98-1	106077278	108002728	107440118	107173375	0.92	cps
Neodymium	150-1	817	870	853	847	3.22	cps
Neodymium	150-2	233	210	183	209	11.98	cps
Nickel	60-2	2081362	2070942	2057468	2069924	0.58	cps
Phosphorus	31-2	281896	277996	277947	279280	0.81	cps
Potassium	39-2	30899990	30779757	30303749	30661165	1.03	cps
Rhodium	103-1	11648494	11516345	11550856	11571898	0.59	cps
Rhodium	103-2	7242400	7127779	7166869	7179016	0.81	cps
Scandium	45-1	7006075	6858970	6947034	6937360	1.07	cps
Scandium	45-2	629127	618457	618517	622034	0.99	cps
Selenium	82-1	197315	199681	199214	198737	0.63	cps
Selenium	77-2	22717	22460	22808	22662	0.79	cps
Selenium	78-2	76278	74955	76690	75975	1.19	cps
Silicon	28-1	6092657	6282545	6333700	6236301	2.04	cps
Silver	107-1	16658079	16730950	16852168	16747066	0.59	cps
Silver	109-1	15987307	16229320	16167043	16127890	0.78	cps
Sodium	23-2	73872784	73970572	73013492	73618949	0.72	cps
Strontium	86-1	4089997	4178703	4197474	4155391	1.38	cps
Strontium	88-1	35957296	36132424	36776839	36288853	1.19	cps
Sulfur	34-1	1079150	1169442	1163421	1137338	4.44	cps
Terbium	159-1	16660814	16596596	16807067	16688159	0.65	cps
Terbium	159-2	12359603	12071433	12236182	12222406	1.18	cps
Thallium	203-1	13349875	13522893	13441059	13437942	0.64	cps
Thallium	205-1	31619293	32189143	32131536	31979991	0.98	cps
Tin	118-1	10942853	11058694	11236455	11079334	1.33	cps
Titanium	47-1	15862521	15950377	16171369	15994756	0.99	cps

LB Number :LB134003

Operator :Jaswal

Lab Sample ID :S07

Instrumnet Name :P7

Client Sample ID :S07

Dilution Factor :1

Date & Time Acquired :2024-12-18 14:05:13

DataFile Name :015CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	40920446	41505268	41531996	41319237	0.84	cps
Vanadium	51-2	4677006	4650135	4638633	4655258	0.42	cps
Yttrium	89-1	15332063	14998084	15135722	15155290	1.11	cps
Yttrium	89-2	4359285	4368039	4308602	4345309	0.74	cps
Zinc	66-2	10040564	10042990	10011369	10031641	0.18	cps
Zirconium	90-1	22359662	22530031	22669077	22519590	0.69	cps
Zirconium	91-1	4979037	4992713	4963593	4978447	0.29	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : S08 Instrumnet Name : P7
Client Sample ID : S08 Dilution Factor : 1
Date & Time Acquired : 2024-12-18 14:07:57 DataFile Name : 016CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	31364734	31419095	31643547	31475792	0.47	cps
Antimony	121-1	8543	7259	6258	7353	15.57	cps
Arsenic	75-2	380	380	370	377	1.53	cps
Barium	135-1	9497	8276	7269	8347	13.37	cps
Barium	137-1	15982	13940	12215	14046	13.43	cps
Beryllium	9-1	613	480	393	496	22.36	cps
Bismuth	209-1	9250684	9006330	9190142	9149052	1.39	cps
Bismuth	209-2	7883377	7779005	7721835	7794739	1.05	cps
Bromine	81-1	14120	14848	14557	14508	2.52	cps
Bromine	81-2	237	207	230	224	7.02	cps
Cadmium	108-1	127	143	100	123	17.73	cps
Cadmium	106-1	3874	3911	3691	3825	3.08	cps
Cadmium	111-1	3576	3427	3203	3402	5.52	cps
Calcium	43-1	16550285	16900655	16816852	16755931	1.09	cps
Calcium	44-1	268291243	274726136	272194996	271737458	1.19	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	9550	7465	7939	8318	13.14	cps
Cobalt	59-2	21923	22183	22494	22200	1.29	cps
Copper	63-2	9657	9029	8906	9197	4.38	cps
Dysprosium	156-1	467	477	490	478	2.45	cps
Dysprosium	156-2	397	407	443	416	5.91	cps
Erbium	164-1	527	623	517	556	10.60	cps
Erbium	164-2	427	523	407	452	13.80	cps
Gadolinium	160-1	540	513	487	513	5.20	cps
Gadolinium	160-2	1110	1183	1000	1098	8.41	cps
Holmium	165-1	16128861	15835253	15834796	15932970	1.06	cps
Holmium	165-2	12080089	11915747	11900974	11965603	0.83	cps
Indium	115-1	12278030	12173388	12157821	12203080	0.54	cps
Indium	115-2	4998389	5013914	4982634	4998312	0.31	cps
Iron	56-2	1265417288	1260229955	1269645474	1265097572	0.37	cps
Iron	57-2	31613720	31754633	31723420	31697258	0.23	cps
Iron	54-2	68225209	67712332	68382259	68106600	0.51	cps
Krypton	83-1	223	250	323	266	19.50	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : S08 Instrumnet Name : P7
Client Sample ID : S08 Dilution Factor : 1
Date & Time Acquired : 2024-12-18 14:07:57 DataFile Name : 016CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	15109	11462	8539	11703	28.12	cps
Lead	207-1	12983	10181	7385	10183	27.48	cps
Lead	208-1	59849	46525	33246	46540	28.58	cps
Lithium	6-1	1665631	1658109	1719522	1681087	1.99	cps
Magnesium	24-2	241975056	246100563	245663583	244579734	0.93	cps
Manganese	55-2	19918	19179	19196	19431	2.17	cps
Molybdenum	94-1	17698	14624	11481	14601	21.29	cps
Molybdenum	95-1	19240	14684	10751	14891	28.53	cps
Molybdenum	96-1	31601	27356	23459	27472	14.82	cps
Molybdenum	97-1	11948	9123	6271	9114	31.14	cps
Molybdenum	98-1	29694	22795	15689	22726	30.81	cps
Neodymium	150-1	287	267	323	292	9.84	cps
Neodymium	150-2	180	167	130	159	16.30	cps
Nickel	60-2	5614	5941	6041	5866	3.81	cps
Phosphorus	31-2	383	293	377	351	14.28	cps
Potassium	39-2	162065468	162013204	161783904	161954192	0.09	cps
Rhodium	103-1	10918534	10766647	10829248	10838143	0.70	cps
Rhodium	103-2	6801723	6862341	6789845	6817969	0.57	cps
Scandium	45-1	6912644	6898630	6970199	6927158	0.55	cps
Scandium	45-2	653377	658285	656318	655993	0.38	cps
Selenium	82-1	446	381	335	387	14.42	cps
Selenium	77-2	10	3	7	7	50.03	cps
Selenium	78-2	560	467	580	536	11.30	cps
Silicon	28-1	711054	693225	685610	696630	1.87	cps
Silver	107-1	6045	4481	3060	4529	32.96	cps
Silver	109-1	5491	4217	2940	4216	30.25	cps
Sodium	23-2	304648502	306044515	306742615	305811878	0.35	cps
Strontium	86-1	12642	12522	12082	12415	2.38	cps
Strontium	88-1	108211	109356	106982	108183	1.10	cps
Sulfur	34-1	163278	168615	172424	168106	2.73	cps
Terbium	159-1	16496965	16406272	16343256	16415498	0.47	cps
Terbium	159-2	11941458	11862332	11768484	11857425	0.73	cps
Thallium	203-1	3380	2470	1523	2458	37.78	cps
Thallium	205-1	8483	5891	3440	5938	42.46	cps
Tin	118-1	5911	5344	4527	5261	13.22	cps
Titanium	47-1	4237	2994	2167	3133	33.27	cps

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

S08

Instrumnet Name :

P7

Client Sample ID :

S08

Dilution Factor :

1

Date & Time Acquired :

2024-12-18 14:07:57

DataFile Name :

016CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	9097	6272	3791	6386	41.57	cps
Vanadium	51-2	923	787	730	813	12.22	cps
Yttrium	89-1	14897305	14881998	14899930	14893078	0.07	cps
Yttrium	89-2	4396014	4422684	4413065	4410588	0.31	cps
Zinc	66-2	2910	2954	2757	2874	3.60	cps
Zirconium	90-1	16449	15178	13993	15207	8.08	cps
Zirconium	91-1	3701	3577	3230	3503	6.96	cps

LB Number :LB134003Operator :Jaswal

Lab Sample ID :ICV002Instrumnet Name :P7

Client Sample ID :ICV002Dilution Factor :1

Date & Time Acquired :2024-12-18 14:28:06DataFile Name :019ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	163193	164339	163190	163574	0.40	cps
Antimony	121-1	2864757	2887491	2960738	2904329	1.73	cps
Arsenic	75-2	164746	162633	164156	163845	0.67	cps
Barium	135-1	350878	359833	352202	354304	1.36	cps
Barium	137-1	611540	618105	615766	615137	0.54	cps
Beryllium	9-1	151121	152093	151797	151670	0.33	cps
Bismuth	209-1	10652747	10810502	10895062	10786103	1.14	cps
Bismuth	209-2	9268416	9282839	9168081	9239779	0.68	cps
Bromine	81-1	15802	16306	16399	16169	1.99	cps
Bromine	81-2	343	307	273	308	11.38	cps
Cadmium	108-1	24681	24925	24594	24733	0.69	cps
Cadmium	106-1	37582	37421	37986	37663	0.77	cps
Cadmium	111-1	373924	379271	379603	377599	0.84	cps
Calcium	43-1	76796	76609	77811	77072	0.84	cps
Calcium	44-1	1240047	1206273	1203472	1216598	1.67	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	616998	614274	610022	613765	0.57	cps
Cobalt	59-2	960296	956779	955364	957480	0.27	cps
Copper	63-2	667120	666164	663617	665634	0.27	cps
Dysprosium	156-1	3	17	20	13	66.16	cps
Dysprosium	156-2	27	37	27	30	19.24	cps
Erbium	164-1	77	77	67	73	7.87	cps
Erbium	164-2	73	50	47	57	25.64	cps
Gadolinium	160-1	67	67	40	58	26.65	cps
Gadolinium	160-2	760	753	760	758	0.51	cps
Holmium	165-1	16969063	17103171	16648957	16907063	1.38	cps
Holmium	165-2	12720816	12638387	12500848	12620017	0.88	cps
Indium	115-1	14382749	14203399	14064598	14216915	1.12	cps
Indium	115-2	5607095	5650434	5636498	5631342	0.39	cps
Iron	56-2	11522550	11404417	11316354	11414441	0.91	cps
Iron	57-2	292563	290474	287064	290033	0.96	cps
Iron	54-2	654789	654460	648679	652643	0.53	cps
Krypton	83-1	233	183	173	197	16.34	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : ICV002 Instrumnet Name : P7
Client Sample ID : ICV002 Dilution Factor : 1
Date & Time Acquired : 2024-12-18 14:28:06 DataFile Name : 019ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2261372	2285745	2253038	2266718	0.75	cps
Lead	207-1	1915784	1913169	1937096	1922016	0.68	cps
Lead	208-1	8882361	8926198	8931540	8913366	0.30	cps
Lithium	6-1	1812809	1803927	1838094	1818276	0.97	cps
Magnesium	24-2	603937	599811	600841	601529	0.36	cps
Manganese	55-2	492772	492227	490091	491697	0.29	cps
Molybdenum	94-1	457	547	463	489	10.26	cps
Molybdenum	95-1	283	283	257	274	5.61	cps
Molybdenum	96-1	543	563	500	536	6.05	cps
Molybdenum	97-1	167	203	130	167	22.00	cps
Molybdenum	98-1	463	463	457	461	0.83	cps
Neodymium	150-1	13	33	17	21	50.75	cps
Neodymium	150-2	10	10	0	7	86.60	cps
Nickel	60-2	247832	246616	247881	247443	0.29	cps
Phosphorus	31-2	260	307	270	279	8.81	cps
Potassium	39-2	1456358	1450000	1448977	1451778	0.28	cps
Rhodium	103-1	13462699	13333866	13358587	13385051	0.51	cps
Rhodium	103-2	8262624	8286609	8205253	8251495	0.51	cps
Scandium	45-1	7881516	7800781	7833756	7838684	0.52	cps
Scandium	45-2	722360	723624	718388	721457	0.38	cps
Selenium	82-1	46382	47043	47099	46841	0.85	cps
Selenium	77-2	5611	5294	5431	5445	2.92	cps
Selenium	78-2	18895	19032	18909	18946	0.40	cps
Silicon	28-1	706752	711822	699039	705871	0.91	cps
Silver	107-1	905189	926572	912462	914741	1.19	cps
Silver	109-1	866945	874922	881100	874323	0.81	cps
Sodium	23-2	1684418	1689119	1659095	1677544	0.96	cps
Strontium	86-1	1387	1403	1567	1452	6.85	cps
Strontium	88-1	9727	9316	9710	9584	2.42	cps
Sulfur	34-1	202139	202662	201703	202168	0.24	cps
Terbium	159-1	17497478	17360501	17449316	17435765	0.40	cps
Terbium	159-2	12797859	12720159	12731858	12749958	0.33	cps
Thallium	203-1	2788327	2867319	2778350	2811332	1.73	cps
Thallium	205-1	6743780	6602187	6694703	6680223	1.08	cps
Tin	118-1	2657	2577	2457	2564	3.93	cps
Titanium	47-1	133	130	160	141	11.65	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : ICV002 Instrumnet Name : P7
Client Sample ID : ICV002 Dilution Factor : 1
Date & Time Acquired : 2024-12-18 14:28:06 DataFile Name : 019ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	37	23	40	33	26.47	cps
Vanadium	51-2	528084	524595	524966	525882	0.36	cps
Yttrium	89-1	16707349	16619742	16577813	16634968	0.40	cps
Yttrium	89-2	4867859	4893273	4800597	4853910	0.99	cps
Zinc	66-2	232225	234446	233209	233293	0.48	cps
Zirconium	90-1	867	923	887	892	3.22	cps
Zirconium	91-1	417	507	403	442	12.71	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : ICB002 Instrumnet Name : P7
Client Sample ID : ICB002 Dilution Factor : 1
Date & Time Acquired : 2024-12-18 14:31:14 DataFile Name : 020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	173	200	187	187	7.14	cps
Antimony	121-1	1410	1283	1197	1297	8.27	cps
Arsenic	75-2	37	20	27	28	30.20	cps
Barium	135-1	87	70	93	83	14.42	cps
Barium	137-1	127	143	163	144	12.71	cps
Beryllium	9-1	137	110	107	118	13.96	cps
Bismuth	209-1	10882033	10682279	10640800	10735037	1.20	cps
Bismuth	209-2	9232182	9396243	9273161	9300529	0.92	cps
Bromine	81-1	15528	15952	15955	15812	1.55	cps
Bromine	81-2	217	207	273	232	15.48	cps
Cadmium	108-1	27	3	23	18	71.00	cps
Cadmium	106-1	4124	3897	4094	4038	3.05	cps
Cadmium	111-1	2995	2782	2926	2901	3.74	cps
Calcium	43-1	327	357	370	351	6.32	cps
Calcium	44-1	9456	9476	9119	9351	2.14	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1157	1123	1120	1133	1.79	cps
Cobalt	59-2	287	207	207	233	19.79	cps
Copper	63-2	1173	1150	1053	1126	5.65	cps
Dysprosium	156-1	7	17	23	16	53.90	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	67	63	60	63	5.27	cps
Erbium	164-2	57	57	37	50	23.09	cps
Gadolinium	160-1	47	53	67	56	18.33	cps
Gadolinium	160-2	743	817	810	790	5.13	cps
Holmium	165-1	17138285	16861014	16887016	16962105	0.90	cps
Holmium	165-2	12626245	12622680	12666029	12638318	0.19	cps
Indium	115-1	14405891	14058447	14322674	14262337	1.27	cps
Indium	115-2	5706484	5698276	5731325	5712028	0.30	cps
Iron	56-2	21766	21322	21389	21492	1.11	cps
Iron	57-2	1150	1247	1273	1223	5.30	cps
Iron	54-2	2897	3024	2947	2956	2.16	cps
Krypton	83-1	250	243	217	237	7.45	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : ICB002 Instrumnet Name : P7
Client Sample ID : ICB002 Dilution Factor : 1
Date & Time Acquired : 2024-12-18 14:31:14 DataFile Name : 020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1120	1070	1047	1079	3.47	cps
Lead	207-1	930	907	797	878	8.11	cps
Lead	208-1	4377	4100	3904	4127	5.76	cps
Lithium	6-1	1828494	1865511	1846483	1846829	1.00	cps
Magnesium	24-2	940	943	1017	967	4.48	cps
Manganese	55-2	410	377	373	387	5.24	cps
Molybdenum	94-1	400	270	380	350	20.00	cps
Molybdenum	95-1	123	120	170	138	20.29	cps
Molybdenum	96-1	233	173	180	196	16.82	cps
Molybdenum	97-1	67	90	73	77	15.68	cps
Molybdenum	98-1	263	183	247	231	18.26	cps
Neodymium	150-1	10	7	13	10	33.30	cps
Neodymium	150-2	10	0	3	4	114.60	cps
Nickel	60-2	313	327	340	327	4.08	cps
Phosphorus	31-2	370	283	310	321	13.82	cps
Potassium	39-2	65945	65784	65704	65811	0.19	cps
Rhodium	103-1	13621833	13408573	13375343	13468583	0.99	cps
Rhodium	103-2	8420109	8391387	8450268	8420588	0.35	cps
Scandium	45-1	7925492	7935708	7893764	7918321	0.28	cps
Scandium	45-2	724044	719189	726453	723229	0.51	cps
Selenium	82-1	229	191	219	213	9.19	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	553	540	670	588	12.17	cps
Silicon	28-1	701644	712269	712097	708670	0.86	cps
Silver	107-1	910	667	630	736	20.69	cps
Silver	109-1	690	557	510	586	15.95	cps
Sodium	23-2	29632	29241	29498	29457	0.67	cps
Strontium	86-1	380	393	307	360	12.96	cps
Strontium	88-1	280	267	267	271	2.84	cps
Sulfur	34-1	199711	199130	200146	199662	0.26	cps
Terbium	159-1	17735346	17230151	17429919	17465138	1.46	cps
Terbium	159-2	12831338	12811866	12672916	12772040	0.68	cps
Thallium	203-1	857	730	693	760	11.28	cps
Thallium	205-1	1877	1770	1643	1763	6.62	cps
Tin	118-1	2777	2560	2454	2597	6.35	cps
Titanium	47-1	127	90	73	97	28.23	cps

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

ICB002

Instrumnet Name :

P7

Client Sample ID :

ICB002

Dilution Factor :

1

Date & Time Acquired :

2024-12-18 14:31:14

DataFile Name :

020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	17	3	20	13	66.16	cps
Vanadium	51-2	50	80	50	60	28.87	cps
Yttrium	89-1	16883867	16602234	16752147	16746083	0.84	cps
Yttrium	89-2	4899811	4904962	4795070	4866614	1.27	cps
Zinc	66-2	507	557	523	529	4.81	cps
Zirconium	90-1	983	777	747	836	15.43	cps
Zirconium	91-1	197	180	163	180	9.26	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : ICSA002 Instrumnet Name : P7
Client Sample ID : ICSA002 Dilution Factor : 1
Date & Time Acquired : 2024-12-18 14:48:29 DataFile Name : 024ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	28925315	28806767	28875213	28869098	0.21	cps
Antimony	121-1	15535	16129	15969	15878	1.94	cps
Arsenic	75-2	247	250	253	250	1.33	cps
Barium	135-1	5014	5084	5234	5111	2.20	cps
Barium	137-1	8639	9203	9026	8956	3.22	cps
Beryllium	9-1	487	403	463	451	9.53	cps
Bismuth	209-1	9879893	10475699	10433722	10263105	3.24	cps
Bismuth	209-2	8776587	8747117	8892926	8805543	0.88	cps
Bromine	81-1	16987	17264	17834	17361	2.49	cps
Bromine	81-2	537	457	443	479	10.54	cps
Cadmium	108-1	2140	2214	2260	2205	2.74	cps
Cadmium	106-1	3387	3691	3530	3536	4.29	cps
Cadmium	111-1	3660	3814	3476	3650	4.64	cps
Calcium	43-1	3585212	3556548	3633855	3591872	1.09	cps
Calcium	44-1	57704366	57796557	57901239	57800721	0.17	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	113109	112596	112307	112671	0.36	cps
Cobalt	59-2	11144	10797	11171	11037	1.89	cps
Copper	63-2	46699	45920	46559	46393	0.90	cps
Dysprosium	156-1	43	53	90	62	39.49	cps
Dysprosium	156-2	63	60	53	59	8.65	cps
Erbium	164-1	90	147	127	121	23.73	cps
Erbium	164-2	97	63	73	78	22.00	cps
Gadolinium	160-1	127	107	110	114	9.36	cps
Gadolinium	160-2	713	700	687	700	1.90	cps
Holmium	165-1	16567920	17510433	17529133	17202495	3.20	cps
Holmium	165-2	12797277	12751584	12688504	12745788	0.43	cps
Indium	115-1	12971153	13933352	13820461	13574988	3.87	cps
Indium	115-2	5316707	5290753	5310579	5306013	0.26	cps
Iron	56-2	526155419	527023685	524936579	526038561	0.20	cps
Iron	57-2	13144795	13128955	13100281	13124677	0.17	cps
Iron	54-2	28462199	28517591	28419650	28466480	0.17	cps
Krypton	83-1	210	220	207	212	3.27	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : ICSA002 Instrumnet Name : P7
Client Sample ID : ICSA002 Dilution Factor : 1
Date & Time Acquired : 2024-12-18 14:48:29 DataFile Name : 024ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	53709	51450	52414	52524	2.16	cps
Lead	207-1	42419	40707	41630	41586	2.06	cps
Lead	208-1	202346	194567	194025	196979	2.36	cps
Lithium	6-1	1621703	1708454	1713790	1681316	3.07	cps
Magnesium	24-2	46997063	46703199	46749088	46816450	0.34	cps
Manganese	55-2	36314	36341	36217	36290	0.18	cps
Molybdenum	94-1	7845755	7906007	7980444	7910736	0.85	cps
Molybdenum	95-1	13817114	14000059	14119936	13979036	1.09	cps
Molybdenum	96-1	15046013	15076112	15101059	15074394	0.18	cps
Molybdenum	97-1	8728640	8770310	8721468	8740139	0.30	cps
Molybdenum	98-1	22337848	22535746	22472180	22448591	0.45	cps
Neodymium	150-1	53	93	50	66	36.78	cps
Neodymium	150-2	50	30	40	40	25.00	cps
Nickel	60-2	12105	12472	12042	12206	1.90	cps
Phosphorus	31-2	1494610	1491287	1467455	1484451	1.00	cps
Potassium	39-2	63472026	63493296	63373924	63446415	0.10	cps
Rhodium	103-1	11749272	12592818	12400859	12247650	3.61	cps
Rhodium	103-2	7604301	7590844	7605670	7600272	0.11	cps
Scandium	45-1	7061402	7468425	7453486	7327771	3.15	cps
Scandium	45-2	663887	660350	663789	662675	0.30	cps
Selenium	82-1	279	273	228	260	10.70	cps
Selenium	77-2	10	10	7	9	21.63	cps
Selenium	78-2	510	580	547	546	6.42	cps
Silicon	28-1	725787	733117	733938	730947	0.61	cps
Silver	107-1	1583	1067	940	1197	28.48	cps
Silver	109-1	1313	923	870	1036	23.37	cps
Sodium	23-2	76930064	76369239	76635629	76644977	0.37	cps
Strontium	86-1	151840	152083	151291	151738	0.27	cps
Strontium	88-1	1313461	1322967	1323208	1319879	0.42	cps
Sulfur	34-1	5011858	5022455	5126733	5053682	1.26	cps
Terbium	159-1	17021331	18119579	17927303	17689405	3.32	cps
Terbium	159-2	12533835	12666476	12625804	12608705	0.54	cps
Thallium	203-1	1283	1533	1360	1392	9.20	cps
Thallium	205-1	3274	3357	3674	3435	6.15	cps
Tin	118-1	5154	4894	4484	4844	6.98	cps
Titanium	47-1	3363965	3409345	3408948	3394086	0.77	cps

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

ICSA002

Instrumnet Name :

P7

Client Sample ID :

ICSA002

Dilution Factor :

1

Date & Time Acquired :

2024-12-18 14:48:29

DataFile Name :

024ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	647	613	627	629	2.67	cps
Vanadium	51-2	857	930	1023	937	8.92	cps
Yttrium	89-1	15511793	16462738	16392949	16122493	3.29	cps
Yttrium	89-2	4631480	4655835	4691862	4659726	0.65	cps
Zinc	66-2	11995	12312	12369	12225	1.65	cps
Zirconium	90-1	2587	2937	2944	2823	7.23	cps
Zirconium	91-1	613	640	640	631	2.44	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : ICSAB002 Instrumnet Name : P7
Client Sample ID : ICSAB002 Dilution Factor : 1
Date & Time Acquired : 2024-12-18 14:58:31 DataFile Name : 027ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	29828471	30074560	30316881	30073304	0.81	cps
Antimony	121-1	306529	316096	315011	312545	1.68	cps
Arsenic	75-2	16122	15992	15899	16004	0.70	cps
Barium	135-1	78488	79798	81444	79910	1.85	cps
Barium	137-1	135909	138911	139233	138018	1.33	cps
Beryllium	9-1	28917	29361	28797	29025	1.02	cps
Bismuth	209-1	10578240	10553807	10698700	10610249	0.73	cps
Bismuth	209-2	8899169	9082981	8105733	8695961	5.97	cps
Bromine	81-1	16710	17440	17364	17171	2.34	cps
Bromine	81-2	493	550	480	508	7.32	cps
Cadmium	108-1	7242	7098	6855	7065	2.77	cps
Cadmium	106-1	9947	10537	10564	10349	3.37	cps
Cadmium	111-1	75921	76874	78691	77162	1.82	cps
Calcium	43-1	3663545	3694452	3714470	3690822	0.70	cps
Calcium	44-1	59220232	59204759	59405429	59276807	0.19	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	233304	231939	234306	233183	0.51	cps
Cobalt	59-2	192686	193031	195341	193686	0.75	cps
Copper	63-2	170556	173118	173735	172470	0.98	cps
Dysprosium	156-1	83	80	83	82	2.34	cps
Dysprosium	156-2	63	30	70	54	39.36	cps
Erbium	164-1	153	120	110	128	17.76	cps
Erbium	164-2	73	110	80	88	22.25	cps
Gadolinium	160-1	120	107	140	122	13.73	cps
Gadolinium	160-2	770	707	737	738	4.29	cps
Holmium	165-1	17698584	17659124	18004470	17787393	1.06	cps
Holmium	165-2	12895376	12917851	11910619	12574616	4.57	cps
Indium	115-1	14116972	13864348	14123126	14034816	1.05	cps
Indium	115-2	5421386	5429411	5009148	5286648	4.55	cps
Iron	56-2	543980112	545120499	547124725	545408445	0.29	cps
Iron	57-2	13469968	13563199	13632999	13555389	0.60	cps
Iron	54-2	29662795	29519959	29761631	29648128	0.41	cps
Krypton	83-1	217	200	230	216	6.97	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : ICSAB002 Instrumnet Name : P7
Client Sample ID : ICSAB002 Dilution Factor : 1
Date & Time Acquired : 2024-12-18 14:58:31 DataFile Name : 027ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	281676	284636	284045	283453	0.55	cps
Lead	207-1	233740	234170	237933	235281	0.98	cps
Lead	208-1	1088628	1092984	1098575	1093396	0.46	cps
Lithium	6-1	1744968	1754139	1718504	1739204	1.06	cps
Magnesium	24-2	48588614	48548398	49092099	48743037	0.62	cps
Manganese	55-2	132797	133206	133280	133094	0.20	cps
Molybdenum	94-1	8060089	8213045	8203904	8159013	1.05	cps
Molybdenum	95-1	14217177	14502151	14443818	14387715	1.05	cps
Molybdenum	96-1	15246305	15630264	15609666	15495412	1.39	cps
Molybdenum	97-1	8832265	8971800	9026551	8943539	1.12	cps
Molybdenum	98-1	22610374	23078430	23372517	23020440	1.67	cps
Neodymium	150-1	63	103	63	77	30.12	cps
Neodymium	150-2	57	57	47	53	10.82	cps
Nickel	60-2	57399	58146	57419	57655	0.74	cps
Phosphorus	31-2	1545181	1523057	1553164	1540467	1.01	cps
Potassium	39-2	65573132	65847626	66576081	65998946	0.79	cps
Rhodium	103-1	12683228	12582887	12684912	12650342	0.46	cps
Rhodium	103-2	7749907	7790454	7259349	7599903	3.89	cps
Scandium	45-1	7559992	7493314	7385854	7479720	1.17	cps
Scandium	45-2	678253	683317	629227	663599	4.50	cps
Selenium	82-1	4689	4908	4752	4783	2.36	cps
Selenium	77-2	487	553	520	520	6.41	cps
Selenium	78-2	2237	2214	2287	2246	1.67	cps
Silicon	28-1	778656	792655	790050	787120	0.95	cps
Silver	107-1	346086	355189	357896	353057	1.75	cps
Silver	109-1	333615	337723	341928	337755	1.23	cps
Sodium	23-2	79150115	79971952	79504540	79542203	0.52	cps
Strontium	86-1	153612	158741	158738	157030	1.89	cps
Strontium	88-1	1338953	1374136	1385246	1366112	1.77	cps
Sulfur	34-1	5176764	5145188	5163118	5161690	0.31	cps
Terbium	159-1	18168831	17951262	18335965	18152020	1.06	cps
Terbium	159-2	12896269	13079533	11935600	12637134	4.86	cps
Thallium	203-1	283458	286723	289194	286458	1.00	cps
Thallium	205-1	674788	676610	685874	679091	0.88	cps
Tin	118-1	5431	4951	4694	5025	7.44	cps
Titanium	47-1	3473866	3489692	3481488	3481682	0.23	cps

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

ICSAB002

Instrumnet Name :

P7

Client Sample ID :

ICSAB002

Dilution Factor :

1

Date & Time Acquired :

2024-12-18 14:58:31

DataFile Name :

027ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1487	1733	1613	1611	7.66	cps
Vanadium	51-2	102032	102589	102173	102264	0.28	cps
Yttrium	89-1	16514464	16827609	16754527	16698867	0.98	cps
Yttrium	89-2	4766346	4725183	4417516	4636348	4.11	cps
Zinc	66-2	34677	35211	35245	35044	0.91	cps
Zirconium	90-1	4657	4584	3711	4317	12.20	cps
Zirconium	91-1	1107	973	813	964	15.23	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : CCV011 Instrumnet Name : P7
Client Sample ID : CCV011 Dilution Factor : 1
Date & Time Acquired : 2024-12-18 15:01:32 DataFile Name : 028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16668459	16718546	16599456	16662154	0.36	cps
Antimony	121-1	7263393	7321083	7345056	7309844	0.57	cps
Arsenic	75-2	395275	393430	390199	392968	0.65	cps
Barium	135-1	9397690	9345105	9405502	9382765	0.35	cps
Barium	137-1	15994079	16153658	16157896	16101878	0.58	cps
Beryllium	9-1	663516	679323	676738	673192	1.26	cps
Bismuth	209-1	10695911	10553578	10375864	10541784	1.52	cps
Bismuth	209-2	8623265	8625346	8659290	8635967	0.23	cps
Bromine	81-1	16883	16920	17070	16958	0.58	cps
Bromine	81-2	200	183	223	202	9.94	cps
Cadmium	108-1	140193	140062	139116	139790	0.42	cps
Cadmium	106-1	199974	202626	201013	201204	0.66	cps
Cadmium	111-1	1918120	1942306	1892843	1917756	1.29	cps
Calcium	43-1	9583034	9522194	9517818	9541015	0.38	cps
Calcium	44-1	151704934	153191468	153957114	152951172	0.75	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2869922	2886435	2844418	2866925	0.74	cps
Cobalt	59-2	4370319	4482598	4426911	4426609	1.27	cps
Copper	63-2	32358021	32515955	32297473	32390483	0.35	cps
Dysprosium	156-1	343	310	420	358	15.76	cps
Dysprosium	156-2	687	567	690	648	10.85	cps
Erbium	164-1	377	400	323	367	10.72	cps
Erbium	164-2	343	227	247	272	22.92	cps
Gadolinium	160-1	343	320	363	342	6.34	cps
Gadolinium	160-2	883	953	883	907	4.46	cps
Holmium	165-1	18167916	17836067	17709031	17904338	1.32	cps
Holmium	165-2	12922216	12966614	12894118	12927649	0.28	cps
Indium	115-1	14248280	14025193	13820371	14031281	1.53	cps
Indium	115-2	5283251	5321784	5306713	5303916	0.37	cps
Iron	56-2	686809083	686522230	687217856	686849723	0.05	cps
Iron	57-2	17031964	17198476	17128936	17119792	0.49	cps
Iron	54-2	37041924	37128206	36893399	37021176	0.32	cps
Krypton	83-1	200	283	237	240	17.40	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : CCV011 Instrumnet Name : P7
Client Sample ID : CCV011 Dilution Factor : 1
Date & Time Acquired : 2024-12-18 15:01:32 DataFile Name : 028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	27711785	28559044	27871900	28047576	1.60	cps
Lead	207-1	24442142	24886457	24500005	24609535	0.98	cps
Lead	208-1	111792542	113940027	112185572	112639380	1.02	cps
Lithium	6-1	1745064	1714797	1703301	1721054	1.25	cps
Magnesium	24-2	125792115	126166768	126293711	126084198	0.21	cps
Manganese	55-2	23246934	23457034	23462420	23388796	0.53	cps
Molybdenum	94-1	25278415	25631945	25545150	25485170	0.72	cps
Molybdenum	95-1	36697752	37113037	37167324	36992704	0.69	cps
Molybdenum	96-1	40089820	40755249	40655357	40500142	0.89	cps
Molybdenum	97-1	22762180	23242477	23180079	23061579	1.13	cps
Molybdenum	98-1	58773504	59147969	59192877	59038117	0.39	cps
Neodymium	150-1	507	533	557	532	4.70	cps
Neodymium	150-2	177	203	167	182	10.40	cps
Nickel	60-2	1068415	1071937	1059720	1066691	0.59	cps
Phosphorus	31-2	152541	152575	152460	152525	0.04	cps
Potassium	39-2	84542602	85069875	83861944	84491474	0.72	cps
Rhodium	103-1	12820026	12651489	12440510	12637342	1.50	cps
Rhodium	103-2	7561789	7529875	7531016	7540893	0.24	cps
Scandium	45-1	7773622	7742637	7688094	7734784	0.56	cps
Scandium	45-2	683421	688257	683805	685161	0.39	cps
Selenium	82-1	113289	113489	113161	113313	0.15	cps
Selenium	77-2	12942	12552	12489	12661	1.94	cps
Selenium	78-2	43447	42862	42855	43055	0.79	cps
Silicon	28-1	3819445	3928220	3943339	3897001	1.73	cps
Silver	107-1	9364654	9410789	9453849	9409764	0.47	cps
Silver	109-1	9119196	9112007	9055292	9095498	0.38	cps
Sodium	23-2	204536030	204383890	203202637	204040853	0.36	cps
Strontium	86-1	2312702	2344189	2312903	2323265	0.78	cps
Strontium	88-1	20331199	20230549	20341566	20301105	0.30	cps
Sulfur	34-1	664891	664969	661794	663885	0.27	cps
Terbium	159-1	18781412	18688541	18246700	18572218	1.54	cps
Terbium	159-2	12730937	12920754	12618031	12756574	1.20	cps
Thallium	203-1	7108951	7255982	7066222	7143719	1.39	cps
Thallium	205-1	16760374	17362034	16963345	17028584	1.80	cps
Tin	118-1	6047164	6113557	6069733	6076818	0.56	cps
Titanium	47-1	8706590	8906826	8720531	8777983	1.27	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : CCV011 Instrumnet Name : P7
Client Sample ID : CCV011 Dilution Factor : 1
Date & Time Acquired : 2024-12-18 15:01:32 DataFile Name : 028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	22083470	22770820	22166118	22340136	1.68	cps
Vanadium	51-2	2556642	2584408	2601990	2581013	0.89	cps
Yttrium	89-1	17424539	16979935	16742969	17049148	2.03	cps
Yttrium	89-2	4710071	4797858	4751935	4753288	0.92	cps
Zinc	66-2	5375682	5442537	5451328	5423182	0.76	cps
Zirconium	90-1	12572183	12635309	12544734	12584075	0.37	cps
Zirconium	91-1	2761223	2777181	2785795	2774733	0.45	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : CCB011 Instrumnet Name : P7
Client Sample ID : CCB011 Dilution Factor : 1
Date & Time Acquired : 2024-12-18 15:04:16 DataFile Name : 029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1360	1303	1317	1327	2.23	cps
Antimony	121-1	3701	3267	2824	3264	13.43	cps
Arsenic	75-2	33	40	53	42	24.12	cps
Barium	135-1	957	753	760	823	14.03	cps
Barium	137-1	1573	1413	1223	1403	12.49	cps
Beryllium	9-1	253	163	177	198	24.56	cps
Bismuth	209-1	11912830	11350053	11350407	11537763	2.82	cps
Bismuth	209-2	9660889	9683199	9701805	9681964	0.21	cps
Bromine	81-1	16026	16596	16519	16380	1.89	cps
Bromine	81-2	260	183	190	211	20.12	cps
Cadmium	108-1	33	40	23	32	26.04	cps
Cadmium	106-1	4684	4184	3894	4254	9.40	cps
Cadmium	111-1	3589	3181	2913	3227	10.55	cps
Calcium	43-1	1380	1200	1107	1229	11.31	cps
Calcium	44-1	25789	23328	22503	23873	7.16	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2557	2374	2474	2468	3.72	cps
Cobalt	59-2	420	440	463	441	4.92	cps
Copper	63-2	4014	3674	3901	3863	4.48	cps
Dysprosium	156-1	10	13	0	8	89.21	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	77	67	70	71	7.16	cps
Erbium	164-2	67	50	20	46	51.91	cps
Gadolinium	160-1	37	73	53	54	33.71	cps
Gadolinium	160-2	750	843	637	743	13.92	cps
Holmium	165-1	18659169	17829852	17766144	18085055	2.75	cps
Holmium	165-2	13016826	13046469	12967529	13010275	0.31	cps
Indium	115-1	15301497	14590568	14840460	14910842	2.42	cps
Indium	115-2	5721780	5719099	5746061	5728980	0.26	cps
Iron	56-2	79230	77076	75713	77340	2.29	cps
Iron	57-2	2624	2447	2514	2528	3.53	cps
Iron	54-2	6145	5871	6071	6029	2.35	cps
Krypton	83-1	257	200	213	223	13.27	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : CCB011 Instrumnet Name : P7
Client Sample ID : CCB011 Dilution Factor : 1
Date & Time Acquired : 2024-12-18 15:04:16 DataFile Name : 029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	5331	5024	4594	4983	7.43	cps
Lead	207-1	4414	4224	3847	4162	6.93	cps
Lead	208-1	21033	19689	18415	19713	6.64	cps
Lithium	6-1	1874564	1775717	1807559	1819280	2.77	cps
Magnesium	24-2	9463	9119	9223	9268	1.90	cps
Manganese	55-2	2254	2400	2414	2356	3.77	cps
Molybdenum	94-1	3444	3117	2697	3086	12.13	cps
Molybdenum	95-1	4631	3981	3621	4077	12.56	cps
Molybdenum	96-1	5124	4421	3831	4459	14.53	cps
Molybdenum	97-1	2934	2570	2204	2569	14.21	cps
Molybdenum	98-1	7412	6568	5731	6570	12.79	cps
Neodymium	150-1	7	10	3	7	50.03	cps
Neodymium	150-2	3	7	3	4	43.40	cps
Nickel	60-2	697	633	593	641	8.13	cps
Phosphorus	31-2	350	300	313	321	8.06	cps
Potassium	39-2	79570	77355	77368	78098	1.63	cps
Rhodium	103-1	14408533	13548056	13743489	13900026	3.25	cps
Rhodium	103-2	8425846	8405476	8548608	8459977	0.92	cps
Scandium	45-1	8122668	7758907	7751984	7877853	2.69	cps
Scandium	45-2	699029	700311	698863	699401	0.11	cps
Selenium	82-1	220	261	230	237	8.94	cps
Selenium	77-2	13	0	0	4	173.21	cps
Selenium	78-2	557	517	523	532	4.03	cps
Silicon	28-1	687689	681927	681852	683823	0.49	cps
Silver	107-1	2440	2137	1797	2125	15.15	cps
Silver	109-1	2184	1907	1643	1911	14.13	cps
Sodium	23-2	70611	68702	68220	69178	1.83	cps
Strontium	86-1	620	627	590	612	3.19	cps
Strontium	88-1	2664	2137	2050	2284	14.54	cps
Sulfur	34-1	186351	191679	189986	189339	1.44	cps
Terbium	159-1	19295339	18458786	18409346	18721157	2.66	cps
Terbium	159-2	13216867	13228547	13049959	13165124	0.76	cps
Thallium	203-1	2434	2257	2154	2281	6.21	cps
Thallium	205-1	6018	5708	5138	5621	7.94	cps
Tin	118-1	3574	3380	3724	3559	4.84	cps
Titanium	47-1	1053	910	923	962	8.23	cps

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

CCB011

Instrumnet Name :

P7

Client Sample ID :

CCB011

Dilution Factor :

1

Date & Time Acquired :

2024-12-18 15:04:16

DataFile Name :

029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2050	2000	1587	1879	13.54	cps
Vanadium	51-2	193	193	137	174	18.76	cps
Yttrium	89-1	17996756	17181216	16998894	17392288	3.06	cps
Yttrium	89-2	4881503	4848394	4949809	4893235	1.06	cps
Zinc	66-2	903	833	710	816	12.00	cps
Zirconium	90-1	2407	2134	2207	2249	6.29	cps
Zirconium	91-1	483	507	410	467	10.81	cps

LB Number :LB134003Operator :Jaswal

Lab Sample ID :PB165601BLInstrumnet Name :P7

Client Sample ID :PBS601Dilution Factor :1

Date & Time Acquired :2024-12-18 15:07:31DataFile Name :030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4590	767	670	2009	111.30	cps
Antimony	121-1	1063	1000	1103	1056	4.94	cps
Arsenic	75-2	143	7	13	54	141.53	cps
Barium	135-1	253	230	273	252	8.60	cps
Barium	137-1	463	490	483	479	2.90	cps
Beryllium	9-1	133	110	137	127	11.47	cps
Bismuth	209-1	11308575	11288907	11110007	11235830	0.97	cps
Bismuth	209-2	9594727	9617038	9582053	9597939	0.18	cps
Bromine	81-1	16730	16449	17484	16888	3.17	cps
Bromine	81-2	203	260	203	222	14.72	cps
Cadmium	108-1	23	13	13	17	34.65	cps
Cadmium	106-1	4291	4081	4184	4185	2.51	cps
Cadmium	111-1	3107	2970	3036	3038	2.25	cps
Calcium	43-1	637	563	567	589	7.03	cps
Calcium	44-1	13166	12862	12418	12816	2.93	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2340	2254	2214	2269	2.85	cps
Cobalt	59-2	827	263	263	451	72.13	cps
Copper	63-2	15960	2404	2260	6875	114.46	cps
Dysprosium	156-1	10	13	3	9	57.30	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	70	77	63	70	9.53	cps
Erbium	164-2	47	50	53	50	6.66	cps
Gadolinium	160-1	53	43	63	53	18.75	cps
Gadolinium	160-2	640	707	757	701	8.35	cps
Holmium	165-1	17761873	17813039	17866358	17813757	0.29	cps
Holmium	165-2	13016502	13042847	12980587	13013312	0.24	cps
Indium	115-1	14864197	14732067	14659748	14752004	0.70	cps
Indium	115-2	5738484	5737181	5699226	5724964	0.39	cps
Iron	56-2	85631	47608	47200	60147	36.70	cps
Iron	57-2	4135	1657	1773	2522	55.45	cps
Iron	54-2	6020	4591	4321	4977	18.34	cps
Krypton	83-1	257	220	273	250	10.91	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : PB165601BL Instrumnet Name : P7
Client Sample ID : PBS601 Dilution Factor : 1
Date & Time Acquired : 2024-12-18 15:07:31 DataFile Name : 030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2797	2567	2760	2708	4.56	cps
Lead	207-1	2480	2344	2297	2374	4.02	cps
Lead	208-1	11032	10745	10842	10873	1.34	cps
Lithium	6-1	1837462	1798227	1821198	1818962	1.08	cps
Magnesium	24-2	12043	4064	4024	6710	68.82	cps
Manganese	55-2	1900	1437	1410	1582	17.42	cps
Molybdenum	94-1	1237	1537	1210	1328	13.68	cps
Molybdenum	95-1	1443	1467	1283	1398	7.14	cps
Molybdenum	96-1	1657	1617	1630	1635	1.25	cps
Molybdenum	97-1	800	1171	860	944	21.08	cps
Molybdenum	98-1	2130	2214	2094	2146	2.87	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	3	3	7	4	43.40	cps
Nickel	60-2	900	660	700	753	17.08	cps
Phosphorus	31-2	427	310	277	338	23.32	cps
Potassium	39-2	78414	70847	71246	73502	5.79	cps
Rhodium	103-1	13793475	13759859	13757964	13770433	0.15	cps
Rhodium	103-2	8459181	8523835	8407582	8463533	0.69	cps
Scandium	45-1	7894352	7951852	7812202	7886136	0.89	cps
Scandium	45-2	708452	705489	706904	706948	0.21	cps
Selenium	82-1	247	231	187	222	13.96	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	547	557	527	543	2.81	cps
Silicon	28-1	673356	671840	682379	675858	0.84	cps
Silver	107-1	833	700	787	773	8.75	cps
Silver	109-1	750	737	730	739	1.38	cps
Sodium	23-2	69907	45514	45189	53537	26.48	cps
Strontium	86-1	497	503	497	499	0.77	cps
Strontium	88-1	740	790	727	752	4.44	cps
Sulfur	34-1	192128	193779	198677	194861	1.75	cps
Terbium	159-1	18337637	18334388	18411036	18361020	0.24	cps
Terbium	159-2	13226725	12989365	13020741	13078944	0.99	cps
Thallium	203-1	1463	1387	1540	1463	5.24	cps
Thallium	205-1	3777	3741	3504	3674	4.04	cps
Tin	118-1	2997	3014	2957	2989	0.97	cps
Titanium	47-1	333	373	327	344	7.33	cps

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

PB165601BL

Instrumnet Name :

P7

Client Sample ID :

PBS601

Dilution Factor :

1

Date & Time Acquired :

2024-12-18 15:07:31

DataFile Name :

030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	610	513	440	521	16.36	cps
Vanadium	51-2	147	60	53	87	60.08	cps
Yttrium	89-1	17140868	17122593	17046708	17103390	0.29	cps
Yttrium	89-2	4924753	4923693	4855029	4901158	0.82	cps
Zinc	66-2	2849	500	553	1301	103.09	cps
Zirconium	90-1	1167	1097	1277	1180	7.69	cps
Zirconium	91-1	273	220	260	251	11.05	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : PB165601BS Instrumnet Name : P7
Client Sample ID : LCS601 Dilution Factor : 1
Date & Time Acquired : 2024-12-18 15:10:48 DataFile Name : 031LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12779	12535	13042	12785	1.98	cps
Antimony	121-1	56598	56969	56474	56680	0.45	cps
Arsenic	75-2	1600	1727	1700	1676	3.99	cps
Barium	135-1	68648	68916	69629	69064	0.73	cps
Barium	137-1	120933	119877	118747	119852	0.91	cps
Beryllium	9-1	2840	3060	2860	2920	4.17	cps
Bismuth	209-1	11102224	11139248	11142121	11127864	0.20	cps
Bismuth	209-2	9491333	9340384	9254097	9361938	1.28	cps
Bromine	81-1	16753	17217	17127	17032	1.44	cps
Bromine	81-2	147	197	220	188	19.95	cps
Cadmium	108-1	583	520	630	578	9.56	cps
Cadmium	106-1	5008	5014	4731	4918	3.29	cps
Cadmium	111-1	10182	10491	10072	10249	2.12	cps
Calcium	43-1	39110	38165	37964	38413	1.59	cps
Calcium	44-1	617902	621383	618246	619177	0.31	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	24413	24580	24507	24500	0.34	cps
Cobalt	59-2	18545	18612	18471	18543	0.38	cps
Copper	63-2	28738	28347	28504	28529	0.69	cps
Dysprosium	156-1	47	3	20	23	93.69	cps
Dysprosium	156-2	10	3	7	7	50.03	cps
Erbium	164-1	80	77	73	77	4.35	cps
Erbium	164-2	80	73	53	69	20.15	cps
Gadolinium	160-1	60	63	47	57	15.56	cps
Gadolinium	160-2	690	687	703	693	1.27	cps
Holmium	165-1	17663471	17458105	17624563	17582046	0.62	cps
Holmium	165-2	13010459	12774192	12795086	12859912	1.02	cps
Indium	115-1	14701119	14676284	14638696	14672033	0.21	cps
Indium	115-2	5771138	5750500	5787741	5769793	0.32	cps
Iron	56-2	2245358	2226742	2236234	2236111	0.42	cps
Iron	57-2	57891	57041	57740	57557	0.79	cps
Iron	54-2	126512	126771	125774	126352	0.41	cps
Krypton	83-1	250	297	230	259	13.21	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : PB165601BS Instrumnet Name : P7
Client Sample ID : LCS601 Dilution Factor : 1
Date & Time Acquired : 2024-12-18 15:10:48 DataFile Name : 031LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	23253	23550	23083	23296	1.02	cps
Lead	207-1	20302	20415	20312	20343	0.31	cps
Lead	208-1	92573	93539	92962	93025	0.52	cps
Lithium	6-1	1823362	1786881	1808684	1806309	1.02	cps
Magnesium	24-2	479053	476536	479711	478433	0.35	cps
Manganese	55-2	10427	10520	9963	10304	2.90	cps
Molybdenum	94-1	57445	57429	56857	57243	0.59	cps
Molybdenum	95-1	70773	68931	70833	70179	1.54	cps
Molybdenum	96-1	77189	79019	77845	78018	1.19	cps
Molybdenum	97-1	44026	43688	44183	43966	0.58	cps
Molybdenum	98-1	114057	112395	112136	112863	0.92	cps
Neodymium	150-1	7	10	13	10	33.30	cps
Neodymium	150-2	0	7	10	6	91.64	cps
Nickel	60-2	5321	5361	5301	5328	0.57	cps
Phosphorus	31-2	1080	1007	1043	1043	3.51	cps
Potassium	39-2	754208	758807	753542	755519	0.38	cps
Rhodium	103-1	13788826	13591971	13717716	13699504	0.73	cps
Rhodium	103-2	8462743	8318944	8387405	8389697	0.86	cps
Scandium	45-1	7920320	7859542	7961199	7913687	0.65	cps
Scandium	45-2	713573	708944	710257	710925	0.34	cps
Selenium	82-1	2485	2359	2459	2434	2.73	cps
Selenium	77-2	297	233	200	243	20.18	cps
Selenium	78-2	1493	1347	1407	1416	5.21	cps
Silicon	28-1	814401	824479	822149	820343	0.64	cps
Silver	107-1	36208	36015	36833	36352	1.18	cps
Silver	109-1	33903	34722	35179	34601	1.87	cps
Sodium	23-2	794272	791982	797047	794434	0.32	cps
Strontium	86-1	9560	9400	9270	9410	1.54	cps
Strontium	88-1	77476	77429	77640	77515	0.14	cps
Sulfur	34-1	201136	202901	199710	201249	0.79	cps
Terbium	159-1	18414566	18159330	18018052	18197316	1.10	cps
Terbium	159-2	13173004	12950891	12792413	12972103	1.47	cps
Thallium	203-1	28660	28179	27531	28124	2.01	cps
Thallium	205-1	65935	66578	66156	66223	0.49	cps
Tin	118-1	120361	120663	121071	120698	0.29	cps
Titanium	47-1	4354	4281	4187	4274	1.96	cps

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

PB165601BS

Instrumnet Name :

P7

Client Sample ID :

LCS601

Dilution Factor :

1

Date & Time Acquired :

2024-12-18 15:10:48

DataFile Name :

031LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	76874	77457	77118	77150	0.38	cps
Vanadium	51-2	51441	51507	52314	51754	0.94	cps
Yttrium	89-1	17182666	17042094	17184737	17136499	0.48	cps
Yttrium	89-2	4886671	4901294	4842362	4876776	0.63	cps
Zinc	66-2	11588	11868	11785	11747	1.22	cps
Zirconium	90-1	47433	48246	47888	47855	0.85	cps
Zirconium	91-1	10801	10751	10504	10685	1.49	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : PB165601BSD Instrumnet Name : P7
Client Sample ID : LCSD601 Dilution Factor : 1
Date & Time Acquired : 2024-12-18 15:14:02 DataFile Name : 032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6792	6858	6838	6829	0.50	cps
Antimony	121-1	29854	29811	30512	30059	1.31	cps
Arsenic	75-2	797	750	807	784	3.86	cps
Barium	135-1	35995	36724	37058	36592	1.49	cps
Barium	137-1	62637	63075	63742	63151	0.88	cps
Beryllium	9-1	1557	1623	1743	1641	5.76	cps
Bismuth	209-1	11102598	10960931	11040745	11034758	0.64	cps
Bismuth	209-2	9438325	9293765	9341799	9357963	0.79	cps
Bromine	81-1	16920	16676	16946	16848	0.88	cps
Bromine	81-2	237	237	217	230	5.02	cps
Cadmium	108-1	273	320	317	303	8.58	cps
Cadmium	106-1	4664	4771	4547	4661	2.40	cps
Cadmium	111-1	6831	7023	6952	6935	1.40	cps
Calcium	43-1	20170	20667	20657	20498	1.39	cps
Calcium	44-1	329701	335233	333143	332692	0.84	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	14217	14324	14217	14252	0.43	cps
Cobalt	59-2	10123	9750	10327	10067	2.91	cps
Copper	63-2	15912	15999	15665	15858	1.09	cps
Dysprosium	156-1	13	7	7	9	43.25	cps
Dysprosium	156-2	7	23	7	12	78.69	cps
Erbium	164-1	77	63	63	68	11.36	cps
Erbium	164-2	83	40	67	63	34.51	cps
Gadolinium	160-1	67	43	43	51	26.37	cps
Gadolinium	160-2	743	767	710	740	3.85	cps
Holmium	165-1	17862412	17324797	17280247	17489152	1.85	cps
Holmium	165-2	13055543	12661625	12603598	12773589	1.93	cps
Indium	115-1	14902865	14696638	14708974	14769493	0.78	cps
Indium	115-2	5759531	5662900	5735426	5719286	0.88	cps
Iron	56-2	1211416	1223646	1224154	1219738	0.59	cps
Iron	57-2	30772	31119	30992	30961	0.57	cps
Iron	54-2	68257	68542	69121	68640	0.64	cps
Krypton	83-1	260	277	267	268	3.13	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : PB165601BSD Instrumnet Name : P7
Client Sample ID : LCSD601 Dilution Factor : 1
Date & Time Acquired : 2024-12-18 15:14:02 DataFile Name : 032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	13277	12880	12723	12960	2.20	cps
Lead	207-1	11138	10938	11081	11052	0.93	cps
Lead	208-1	51398	51041	50624	51021	0.76	cps
Lithium	6-1	1819944	1773199	1735539	1776228	2.38	cps
Magnesium	24-2	256572	257459	256192	256741	0.25	cps
Manganese	55-2	5768	5758	5865	5797	1.02	cps
Molybdenum	94-1	30595	30492	30238	30442	0.60	cps
Molybdenum	95-1	36977	37468	37381	37275	0.70	cps
Molybdenum	96-1	40600	40252	41392	40748	1.43	cps
Molybdenum	97-1	22855	23369	22748	22990	1.44	cps
Molybdenum	98-1	59932	59721	59209	59621	0.62	cps
Neodymium	150-1	3	0	13	6	124.93	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	2907	3110	3027	3015	3.39	cps
Phosphorus	31-2	640	773	613	676	12.69	cps
Potassium	39-2	436877	434503	436685	436021	0.30	cps
Rhodium	103-1	13899552	13659326	13687591	13748823	0.95	cps
Rhodium	103-2	8473989	8418161	8450303	8447484	0.33	cps
Scandium	45-1	8013752	7851680	7876232	7913888	1.10	cps
Scandium	45-2	721147	717345	717163	718552	0.31	cps
Selenium	82-1	1345	1338	1395	1359	2.29	cps
Selenium	77-2	123	137	167	142	15.60	cps
Selenium	78-2	1087	1040	1003	1043	4.00	cps
Silicon	28-1	768257	775719	775542	773173	0.55	cps
Silver	107-1	19303	19129	19476	19303	0.90	cps
Silver	109-1	18208	18749	18442	18466	1.47	cps
Sodium	23-2	438489	439867	436845	438400	0.35	cps
Strontium	86-1	5204	5054	5001	5086	2.07	cps
Strontium	88-1	41355	41455	41361	41390	0.14	cps
Sulfur	34-1	197590	198501	200754	198948	0.82	cps
Terbium	159-1	18488191	18219830	18125156	18277726	1.03	cps
Terbium	159-2	13037960	12967640	12874638	12960079	0.63	cps
Thallium	203-1	15332	15279	15068	15226	0.92	cps
Thallium	205-1	35677	36238	35967	35961	0.78	cps
Tin	118-1	64169	66523	65280	65324	1.80	cps
Titanium	47-1	2334	2247	2310	2297	1.95	cps

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

PB165601BSD

Instrumnet Name :

P7

Client Sample ID :

LCSD601

Dilution Factor :

1

Date & Time Acquired :

2024-12-18 15:14:02

DataFile Name :

032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	40261	40214	40511	40329	0.40	cps
Vanadium	51-2	27552	27806	27392	27583	0.76	cps
Yttrium	89-1	17399206	17276664	17112373	17262748	0.83	cps
Yttrium	89-2	4937110	4862577	4907195	4902294	0.77	cps
Zinc	66-2	6341	6705	6702	6583	3.17	cps
Zirconium	90-1	25612	25719	26127	25819	1.05	cps
Zirconium	91-1	5661	6028	5558	5749	4.30	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : PB165617BL Instrumnet Name : P7
Client Sample ID : PBS617 Dilution Factor : 1
Date & Time Acquired : 2024-12-18 15:17:20 DataFile Name : 033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	113	147	114	27.69	cps
Antimony	121-1	213	213	187	204	7.53	cps
Arsenic	75-2	10	0	20	10	100.00	cps
Barium	135-1	40	57	63	53	22.53	cps
Barium	137-1	117	93	103	104	11.21	cps
Beryllium	9-1	87	77	80	81	6.28	cps
Bismuth	209-1	11066636	10988403	11061453	11038830	0.40	cps
Bismuth	209-2	9273702	9306793	9384588	9321695	0.61	cps
Bromine	81-1	17320	17100	17404	17275	0.91	cps
Bromine	81-2	213	163	210	196	14.29	cps
Cadmium	108-1	23	13	13	17	34.65	cps
Cadmium	106-1	4207	4011	4121	4113	2.40	cps
Cadmium	111-1	2965	2825	2895	2895	2.43	cps
Calcium	43-1	327	313	283	308	7.21	cps
Calcium	44-1	8756	8756	8606	8706	1.00	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2277	2164	2127	2189	3.57	cps
Cobalt	59-2	167	163	170	167	2.00	cps
Copper	63-2	1440	1413	1323	1392	4.39	cps
Dysprosium	156-1	17	7	3	9	78.08	cps
Dysprosium	156-2	10	0	3	4	114.60	cps
Erbium	164-1	77	97	57	77	26.09	cps
Erbium	164-2	77	57	67	67	15.00	cps
Gadolinium	160-1	83	97	73	84	13.87	cps
Gadolinium	160-2	590	787	703	693	14.24	cps
Holmium	165-1	17637678	17556984	17518020	17570894	0.35	cps
Holmium	165-2	12788985	12704498	12717423	12736969	0.36	cps
Indium	115-1	14919595	14847849	14755897	14841113	0.55	cps
Indium	115-2	5762756	5715703	5773006	5750488	0.53	cps
Iron	56-2	26119	26443	26156	26240	0.68	cps
Iron	57-2	1447	1347	1373	1389	3.73	cps
Iron	54-2	3100	3187	3144	3144	1.38	cps
Krypton	83-1	220	260	257	246	9.04	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : PB165617BL Instrumnet Name : P7
Client Sample ID : PBS617 Dilution Factor : 1
Date & Time Acquired : 2024-12-18 15:17:20 DataFile Name : 033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1427	1217	1283	1309	8.20	cps
Lead	207-1	1173	1263	1163	1200	4.59	cps
Lead	208-1	5497	5394	5230	5374	2.50	cps
Lithium	6-1	1794584	1801323	1761574	1785827	1.19	cps
Magnesium	24-2	990	973	903	956	4.81	cps
Manganese	55-2	757	747	627	710	10.19	cps
Molybdenum	94-1	493	410	417	440	10.52	cps
Molybdenum	95-1	213	180	263	219	19.16	cps
Molybdenum	96-1	303	277	277	286	5.39	cps
Molybdenum	97-1	173	123	177	158	18.93	cps
Molybdenum	98-1	270	303	277	283	6.22	cps
Neodymium	150-1	3	3	7	4	43.40	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	650	730	687	689	5.81	cps
Phosphorus	31-2	273	280	263	272	3.08	cps
Potassium	39-2	69019	69287	68075	68793	0.93	cps
Rhodium	103-1	13890376	13768509	13826162	13828349	0.44	cps
Rhodium	103-2	8384545	8474340	8458392	8439092	0.57	cps
Scandium	45-1	7982290	7942659	7878867	7934605	0.66	cps
Scandium	45-2	725011	717032	726135	722726	0.69	cps
Selenium	82-1	182	251	168	201	22.13	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	620	597	650	622	4.30	cps
Silicon	28-1	710817	719794	721584	717398	0.80	cps
Silver	107-1	427	350	383	387	9.94	cps
Silver	109-1	353	297	293	314	10.72	cps
Sodium	23-2	32842	32698	32307	32616	0.85	cps
Strontium	86-1	377	400	423	400	5.83	cps
Strontium	88-1	217	273	243	244	11.60	cps
Sulfur	34-1	198920	203115	200433	200823	1.06	cps
Terbium	159-1	18152251	18246061	18199926	18199413	0.26	cps
Terbium	159-2	13001270	12803961	12756680	12853970	1.01	cps
Thallium	203-1	1220	1117	1083	1140	6.25	cps
Thallium	205-1	2724	2617	2674	2671	2.00	cps
Tin	118-1	2914	2630	2764	2769	5.12	cps
Titanium	47-1	113	113	93	107	10.83	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : PB165617BL Instrumnet Name : P7
Client Sample ID : PBS617 Dilution Factor : 1
Date & Time Acquired : 2024-12-18 15:17:20 DataFile Name : 033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	23	20	17	20	16.65	cps
Vanadium	51-2	3	17	27	16	75.27	cps
Yttrium	89-1	17236039	17386556	17204022	17275539	0.56	cps
Yttrium	89-2	4898979	4962280	4925780	4929013	0.64	cps
Zinc	66-2	370	320	377	356	8.71	cps
Zirconium	90-1	867	870	890	876	1.44	cps
Zirconium	91-1	170	187	167	174	6.14	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : PB165617BS Instrumnet Name : P7
Client Sample ID : LCS617 Dilution Factor : 1
Date & Time Acquired : 2024-12-18 15:20:35 DataFile Name : 034LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13780	13399	13579	13586	1.40	cps
Antimony	121-1	59124	60353	59412	59630	1.08	cps
Arsenic	75-2	1743	1897	1907	1849	4.95	cps
Barium	135-1	71910	70570	72792	71757	1.56	cps
Barium	137-1	123325	126258	125783	125122	1.26	cps
Beryllium	9-1	2887	2950	2880	2906	1.33	cps
Bismuth	209-1	11114066	11197668	11122016	11144583	0.41	cps
Bismuth	209-2	9383756	9372601	9426108	9394155	0.30	cps
Bromine	81-1	17367	17000	17330	17232	1.17	cps
Bromine	81-2	247	263	167	226	22.91	cps
Cadmium	108-1	540	560	637	579	8.81	cps
Cadmium	106-1	5211	4794	4904	4970	4.35	cps
Cadmium	111-1	11115	10533	10789	10812	2.70	cps
Calcium	43-1	40176	40043	40477	40232	0.55	cps
Calcium	44-1	649446	660073	660116	656545	0.94	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	26346	25946	26390	26227	0.93	cps
Cobalt	59-2	20264	19983	19643	19963	1.56	cps
Copper	63-2	30241	30715	30895	30617	1.10	cps
Dysprosium	156-1	10	20	23	18	39.03	cps
Dysprosium	156-2	13	13	17	14	13.35	cps
Erbium	164-1	77	70	77	74	5.17	cps
Erbium	164-2	47	43	23	38	33.41	cps
Gadolinium	160-1	57	60	63	60	5.55	cps
Gadolinium	160-2	830	713	707	750	9.25	cps
Holmium	165-1	17794014	17714826	17624678	17711173	0.48	cps
Holmium	165-2	13006208	12887312	12864875	12919465	0.59	cps
Indium	115-1	14957921	15054804	15024496	15012407	0.33	cps
Indium	115-2	5884629	5852171	5830140	5855647	0.47	cps
Iron	56-2	2394557	2373212	2384882	2384217	0.45	cps
Iron	57-2	61214	60929	60842	60995	0.32	cps
Iron	54-2	134655	134561	134117	134444	0.21	cps
Krypton	83-1	267	263	250	260	3.39	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : PB165617BS Instrumnet Name : P7
Client Sample ID : LCS617 Dilution Factor : 1
Date & Time Acquired : 2024-12-18 15:20:35 DataFile Name : 034LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	23363	23317	23671	23450	0.82	cps
Lead	207-1	20048	20546	20345	20313	1.23	cps
Lead	208-1	92186	94279	93686	93384	1.16	cps
Lithium	6-1	1775299	1778481	1774646	1776142	0.12	cps
Magnesium	24-2	508743	507359	508914	508339	0.17	cps
Manganese	55-2	10711	11121	10724	10852	2.15	cps
Molybdenum	94-1	60042	60825	60672	60513	0.69	cps
Molybdenum	95-1	73339	73095	74103	73512	0.72	cps
Molybdenum	96-1	80654	82018	82766	81812	1.31	cps
Molybdenum	97-1	45741	46196	47122	46353	1.52	cps
Molybdenum	98-1	117545	117924	119319	118263	0.79	cps
Neodymium	150-1	7	17	3	9	78.08	cps
Neodymium	150-2	7	7	13	9	43.25	cps
Nickel	60-2	5674	5564	5358	5532	2.91	cps
Phosphorus	31-2	963	1043	1187	1064	10.63	cps
Potassium	39-2	802303	800007	810409	804240	0.68	cps
Rhodium	103-1	14153674	14011525	14079319	14081506	0.50	cps
Rhodium	103-2	8607910	8574715	8594769	8592465	0.19	cps
Scandium	45-1	8054238	8078482	8059381	8064034	0.16	cps
Scandium	45-2	740516	738236	737911	738887	0.19	cps
Selenium	82-1	2616	2643	2582	2614	1.16	cps
Selenium	77-2	290	260	217	256	14.43	cps
Selenium	78-2	1417	1477	1533	1476	3.95	cps
Silicon	28-1	861673	868528	872409	867536	0.63	cps
Silver	107-1	36853	37802	38066	37574	1.70	cps
Silver	109-1	35524	36997	36837	36452	2.22	cps
Sodium	23-2	837583	836653	840171	838136	0.22	cps
Strontium	86-1	9720	9780	9737	9746	0.32	cps
Strontium	88-1	81021	82784	81795	81867	1.08	cps
Sulfur	34-1	203398	203888	204834	204040	0.36	cps
Terbium	159-1	18441135	18298825	18358630	18366197	0.39	cps
Terbium	159-2	13224472	13133873	12945577	13101307	1.09	cps
Thallium	203-1	27989	28236	28460	28228	0.83	cps
Thallium	205-1	68009	68159	68384	68184	0.28	cps
Tin	118-1	124556	125326	126708	125530	0.87	cps
Titanium	47-1	4551	4581	4664	4599	1.28	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : PB165617BS Instrumnet Name : P7
Client Sample ID : LCS617 Dilution Factor : 1
Date & Time Acquired : 2024-12-18 15:20:35 DataFile Name : 034LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	79674	79667	80922	80087	0.90	cps
Vanadium	51-2	54454	55160	55100	54905	0.71	cps
Yttrium	89-1	17620016	17482558	17568029	17556868	0.40	cps
Yttrium	89-2	5069433	4988836	5064086	5040785	0.89	cps
Zinc	66-2	12655	12719	12519	12631	0.81	cps
Zirconium	90-1	49680	51343	50239	50421	1.68	cps
Zirconium	91-1	10761	11845	11084	11230	4.96	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : PB165617BSD Instrumnet Name : P7
Client Sample ID : LCSD617 Dilution Factor : 1
Date & Time Acquired : 2024-12-18 15:23:52 DataFile Name : 035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9783	9760	19252	12932	42.33	cps
Antimony	121-1	30249	31070	31214	30844	1.69	cps
Arsenic	75-2	933	930	893	919	2.42	cps
Barium	135-1	37031	37269	37506	37269	0.64	cps
Barium	137-1	64589	66133	66106	65609	1.35	cps
Beryllium	9-1	1610	1673	1547	1610	3.93	cps
Bismuth	209-1	11259583	11150487	11451928	11287333	1.35	cps
Bismuth	209-2	9539784	8547821	7167028	8418211	14.16	cps
Bromine	81-1	17624	17677	17400	17567	0.84	cps
Bromine	81-2	187	190	177	184	3.76	cps
Cadmium	108-1	233	330	310	291	17.53	cps
Cadmium	106-1	4801	4804	4627	4744	2.13	cps
Cadmium	111-1	7171	7116	7173	7153	0.45	cps
Calcium	43-1	21469	21929	21923	21774	1.21	cps
Calcium	44-1	354927	356733	355586	355749	0.26	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	14874	15642	14918	15144	2.85	cps
Cobalt	59-2	10837	10577	10684	10699	1.22	cps
Copper	63-2	16980	16980	17984	17314	3.35	cps
Dysprosium	156-1	43	67	53	54	21.51	cps
Dysprosium	156-2	60	57	50	56	9.17	cps
Erbium	164-1	87	127	127	113	20.38	cps
Erbium	164-2	60	57	60	59	3.26	cps
Gadolinium	160-1	53	147	87	96	49.50	cps
Gadolinium	160-2	823	700	567	697	18.43	cps
Holmium	165-1	17822990	18005480	18102548	17977006	0.79	cps
Holmium	165-2	13316420	11650295	9898691	11621802	14.71	cps
Indium	115-1	15345280	15070054	15242942	15219426	0.91	cps
Indium	115-2	5984595	5223243	4372100	5193313	15.53	cps
Iron	56-2	1321641	1322330	1388005	1343992	2.84	cps
Iron	57-2	33317	34429	35007	34251	2.51	cps
Iron	54-2	74597	74919	80312	76609	4.19	cps
Krypton	83-1	240	227	250	239	4.90	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : PB165617BSD Instrumnet Name : P7
Client Sample ID : LCSD617 Dilution Factor : 1
Date & Time Acquired : 2024-12-18 15:23:52 DataFile Name : 035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	13210	13614	13237	13353	1.69	cps
Lead	207-1	11552	11378	11568	11499	0.92	cps
Lead	208-1	52660	52894	52577	52710	0.31	cps
Lithium	6-1	1783142	1775578	1761092	1773271	0.63	cps
Magnesium	24-2	264137	265948	306121	278735	8.51	cps
Manganese	55-2	7962	7935	8480	8126	3.78	cps
Molybdenum	94-1	31170	31163	32032	31455	1.59	cps
Molybdenum	95-1	38166	38607	38511	38428	0.60	cps
Molybdenum	96-1	42538	42692	42605	42612	0.18	cps
Molybdenum	97-1	23352	24300	24053	23902	2.06	cps
Molybdenum	98-1	60484	61864	61529	61292	1.17	cps
Neodymium	150-1	63	100	60	74	29.81	cps
Neodymium	150-2	40	53	67	53	25.00	cps
Nickel	60-2	3397	3600	3540	3513	2.97	cps
Phosphorus	31-2	783	717	1050	850	20.76	cps
Potassium	39-2	456416	458189	482006	465537	3.07	cps
Rhodium	103-1	14158201	14100741	14232767	14163903	0.47	cps
Rhodium	103-2	8764149	7870248	6540513	7724970	14.48	cps
Scandium	45-1	8232777	8082224	8282680	8199227	1.27	cps
Scandium	45-2	754081	682450	550228	662253	15.62	cps
Selenium	82-1	1470	1478	1380	1443	3.79	cps
Selenium	77-2	140	160	137	146	8.67	cps
Selenium	78-2	1027	1153	1100	1093	5.82	cps
Silicon	28-1	814174	816094	808257	812842	0.50	cps
Silver	107-1	19083	19697	19770	19517	1.93	cps
Silver	109-1	18722	19290	19677	19230	2.50	cps
Sodium	23-2	450089	451344	502472	467968	6.39	cps
Strontium	86-1	5428	5634	5261	5441	3.44	cps
Strontium	88-1	43624	43915	43939	43826	0.40	cps
Sulfur	34-1	208181	209576	210046	209268	0.46	cps
Terbium	159-1	18496528	18179441	18467404	18381124	0.95	cps
Terbium	159-2	13212492	11670093	9907571	11596719	14.26	cps
Thallium	203-1	15345	15796	15666	15602	1.49	cps
Thallium	205-1	36552	36937	37608	37032	1.44	cps
Tin	118-1	66653	66784	67015	66817	0.27	cps
Titanium	47-1	2624	2884	2574	2694	6.18	cps

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

PB165617BSD

Instrumnet Name :

P7

Client Sample ID :

LCSD617

Dilution Factor :

1

Date & Time Acquired :

2024-12-18 15:23:52

DataFile Name :

035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	40522	40769	41241	40844	0.89	cps
Vanadium	51-2	29031	28667	28537	28745	0.89	cps
Yttrium	89-1	17655441	17755649	17736527	17715872	0.30	cps
Yttrium	89-2	5160985	4616417	3806894	4528099	15.05	cps
Zinc	66-2	11181	10504	11044	10910	3.28	cps
Zirconium	90-1	25953	26561	27125	26546	2.21	cps
Zirconium	91-1	5788	5828	6025	5880	2.16	cps

LB Number :LB134003Operator :Jaswal

Lab Sample ID :PB165633BLInstrumnet Name :P7

Client Sample ID :PBS633Dilution Factor :1

Date & Time Acquired :2024-12-18 15:27:08DataFile Name :036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	103	133	112	16.36	cps
Antimony	121-1	113	147	173	144	20.82	cps
Arsenic	75-2	0	0	3	1	173.21	cps
Barium	135-1	47	30	53	43	27.73	cps
Barium	137-1	107	110	120	112	6.18	cps
Beryllium	9-1	33	67	63	54	33.72	cps
Bismuth	209-1	11358149	11176585	11265744	11266826	0.81	cps
Bismuth	209-2	9464590	9516807	9463653	9481683	0.32	cps
Bromine	81-1	18362	18191	18548	18367	0.97	cps
Bromine	81-2	200	210	213	208	3.34	cps
Cadmium	108-1	7	27	17	17	59.99	cps
Cadmium	106-1	4414	4307	4341	4354	1.25	cps
Cadmium	111-1	3102	3026	3073	3067	1.24	cps
Calcium	43-1	300	273	273	282	5.46	cps
Calcium	44-1	8826	8739	8666	8744	0.92	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2274	2464	2470	2402	4.65	cps
Cobalt	59-2	173	160	163	166	4.19	cps
Copper	63-2	1457	1367	1357	1393	3.95	cps
Dysprosium	156-1	3	13	7	8	65.47	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	83	67	60	70	17.17	cps
Erbium	164-2	70	70	60	67	8.66	cps
Gadolinium	160-1	50	83	57	63	27.85	cps
Gadolinium	160-2	670	767	703	713	6.88	cps
Holmium	165-1	18220320	17906943	17756288	17961184	1.32	cps
Holmium	165-2	12989756	12961258	12919033	12956682	0.27	cps
Indium	115-1	15236666	15355238	15294844	15295583	0.39	cps
Indium	115-2	5944736	5933330	5864202	5914089	0.74	cps
Iron	56-2	27008	26303	26761	26690	1.34	cps
Iron	57-2	1370	1427	1550	1449	6.35	cps
Iron	54-2	3394	3414	3274	3360	2.25	cps
Krypton	83-1	270	223	253	249	9.50	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : PB165633BL Instrumnet Name : P7
Client Sample ID : PBS633 Dilution Factor : 1
Date & Time Acquired : 2024-12-18 15:27:08 DataFile Name : 036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1100	1163	1217	1160	5.04	cps
Lead	207-1	980	1087	873	980	10.88	cps
Lead	208-1	4677	4657	4350	4561	4.01	cps
Lithium	6-1	1838158	1801913	1804484	1814852	1.11	cps
Magnesium	24-2	910	910	1013	944	6.32	cps
Manganese	55-2	793	690	820	768	8.94	cps
Molybdenum	94-1	423	410	363	399	7.90	cps
Molybdenum	95-1	163	180	177	173	5.09	cps
Molybdenum	96-1	237	240	220	232	4.61	cps
Molybdenum	97-1	83	127	97	102	21.71	cps
Molybdenum	98-1	280	210	200	230	18.95	cps
Neodymium	150-1	0	17	10	9	94.38	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	673	653	653	660	1.75	cps
Phosphorus	31-2	287	290	297	291	1.75	cps
Potassium	39-2	70532	69950	71004	70495	0.75	cps
Rhodium	103-1	14460957	14310667	14241136	14337587	0.78	cps
Rhodium	103-2	8756657	8679476	8745656	8727263	0.48	cps
Scandium	45-1	8335821	8160450	8278897	8258389	1.08	cps
Scandium	45-2	750670	743201	747605	747159	0.50	cps
Selenium	82-1	195	206	226	209	7.32	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	627	683	563	624	9.61	cps
Silicon	28-1	737183	737553	745215	739984	0.61	cps
Silver	107-1	350	357	343	350	1.91	cps
Silver	109-1	347	280	317	314	10.62	cps
Sodium	23-2	29675	29515	28897	29362	1.40	cps
Strontium	86-1	387	417	443	416	6.82	cps
Strontium	88-1	303	303	300	302	0.64	cps
Sulfur	34-1	212330	215987	213037	213785	0.91	cps
Terbium	159-1	18836466	18569476	18546700	18650881	0.86	cps
Terbium	159-2	13242029	13059178	13088414	13129873	0.75	cps
Thallium	203-1	1030	1113	1050	1064	4.09	cps
Thallium	205-1	2634	2410	2444	2496	4.83	cps
Tin	118-1	2687	2864	2914	2821	4.22	cps
Titanium	47-1	113	63	137	104	35.87	cps

LB Number :LB134003

Operator :Jaswal

Lab Sample ID :PB165633BL

Instrumnet Name :P7

Client Sample ID :PBS633

Dilution Factor :1

Date & Time Acquired :2024-12-18 15:27:08

DataFile Name :036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	27	3	10	13	90.16	cps
Vanadium	51-2	7	33	23	21	63.80	cps
Yttrium	89-1	18288317	18024257	17905334	18072636	1.08	cps
Yttrium	89-2	5081072	5103439	5139809	5108107	0.58	cps
Zinc	66-2	403	337	323	354	12.09	cps
Zirconium	90-1	830	890	867	862	3.51	cps
Zirconium	91-1	180	200	160	180	11.11	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : PB165633BS Instrumnet Name : P7
Client Sample ID : LCS633 Dilution Factor : 1
Date & Time Acquired : 2024-12-18 15:30:26 DataFile Name : 037LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14077	13746	13846	13890	1.22	cps
Antimony	121-1	57852	59385	58726	58654	1.31	cps
Arsenic	75-2	1793	1790	1620	1735	5.72	cps
Barium	135-1	70939	72520	72419	71959	1.23	cps
Barium	137-1	124297	124801	123521	124206	0.52	cps
Beryllium	9-1	3017	2894	3087	2999	3.26	cps
Bismuth	209-1	11179852	11103805	11095897	11126518	0.42	cps
Bismuth	209-2	8520849	9388355	9347460	9085555	5.39	cps
Bromine	81-1	18018	18352	19036	18468	2.81	cps
Bromine	81-2	177	213	227	206	12.60	cps
Cadmium	108-1	657	587	573	606	7.39	cps
Cadmium	106-1	5308	5488	5268	5354	2.19	cps
Cadmium	111-1	11268	11466	11422	11385	0.91	cps
Calcium	43-1	40611	40748	40828	40729	0.27	cps
Calcium	44-1	655335	659584	662184	659034	0.52	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	26046	26290	26089	26142	0.50	cps
Cobalt	59-2	20260	19883	19937	20027	1.02	cps
Copper	63-2	30090	30274	30217	30194	0.31	cps
Dysprosium	156-1	27	10	20	19	44.42	cps
Dysprosium	156-2	23	17	23	21	18.21	cps
Erbium	164-1	70	87	87	81	11.87	cps
Erbium	164-2	33	33	37	34	5.60	cps
Gadolinium	160-1	97	50	73	73	31.82	cps
Gadolinium	160-2	607	840	857	768	18.21	cps
Holmium	165-1	17791421	17874345	17884411	17850059	0.29	cps
Holmium	165-2	11494589	12882032	12796305	12390975	6.27	cps
Indium	115-1	15195354	15149990	15162951	15169432	0.15	cps
Indium	115-2	5201345	5860431	5854936	5638904	6.72	cps
Iron	56-2	2409600	2381155	2342023	2377593	1.43	cps
Iron	57-2	61482	61177	61043	61234	0.37	cps
Iron	54-2	133630	133923	132207	133253	0.69	cps
Krypton	83-1	193	213	227	211	7.95	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : PB165633BS Instrumnet Name : P7
Client Sample ID : LCS633 Dilution Factor : 1
Date & Time Acquired : 2024-12-18 15:30:26 DataFile Name : 037LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	22692	22943	22899	22845	0.59	cps
Lead	207-1	20215	20105	20082	20134	0.35	cps
Lead	208-1	90554	91283	91885	91241	0.73	cps
Lithium	6-1	1822344	1808802	1787149	1806098	0.98	cps
Magnesium	24-2	509195	510631	505431	508419	0.53	cps
Manganese	55-2	10617	11188	11151	10985	2.91	cps
Molybdenum	94-1	60323	61103	60334	60587	0.74	cps
Molybdenum	95-1	73875	72877	73734	73495	0.74	cps
Molybdenum	96-1	81904	83842	82249	82665	1.25	cps
Molybdenum	97-1	45765	46219	45975	45987	0.49	cps
Molybdenum	98-1	119504	118613	119017	119045	0.37	cps
Neodymium	150-1	7	3	10	7	50.03	cps
Neodymium	150-2	3	7	10	7	50.03	cps
Nickel	60-2	5651	5474	5641	5589	1.78	cps
Phosphorus	31-2	1140	1100	1103	1114	1.99	cps
Potassium	39-2	811643	808503	806254	808800	0.33	cps
Rhodium	103-1	14301649	14167377	14088758	14185928	0.76	cps
Rhodium	103-2	7748749	8748323	8709443	8402172	6.74	cps
Scandium	45-1	8364746	8308284	8289968	8320999	0.47	cps
Scandium	45-2	663712	749838	750048	721200	6.90	cps
Selenium	82-1	2565	2682	2565	2604	2.60	cps
Selenium	77-2	287	290	233	270	11.78	cps
Selenium	78-2	1557	1527	1507	1530	1.65	cps
Silicon	28-1	881198	884581	879170	881650	0.31	cps
Silver	107-1	37749	38421	38204	38124	0.90	cps
Silver	109-1	35878	36045	37121	36348	1.86	cps
Sodium	23-2	836266	834092	831664	834007	0.28	cps
Strontium	86-1	9673	9670	9570	9638	0.61	cps
Strontium	88-1	82325	81467	82345	82046	0.61	cps
Sulfur	34-1	218969	222655	221079	220901	0.84	cps
Terbium	159-1	18631440	18515304	18531059	18559268	0.34	cps
Terbium	159-2	11552568	13066632	12812918	12477373	6.50	cps
Thallium	203-1	28557	28112	28263	28311	0.80	cps
Thallium	205-1	66036	67446	67821	67101	1.40	cps
Tin	118-1	126035	127155	124156	125782	1.21	cps
Titanium	47-1	4524	4477	4664	4555	2.13	cps

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

PB165633BS

Instrumnet Name :

P7

Client Sample ID :

LCS633

Dilution Factor :

1

Date & Time Acquired :

2024-12-18 15:30:26

DataFile Name :

037LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	77199	77045	78651	77632	1.14	cps
Vanadium	51-2	55428	55097	54949	55158	0.44	cps
Yttrium	89-1	17823303	17840811	17763246	17809120	0.23	cps
Yttrium	89-2	4521572	5072514	5017935	4870673	6.23	cps
Zinc	66-2	13026	12625	12652	12768	1.75	cps
Zirconium	90-1	50784	51012	50794	50863	0.25	cps
Zirconium	91-1	11071	10927	11411	11137	2.23	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : PB165633BSD Instrumnet Name : P7
Client Sample ID : LCSD563 Dilution Factor : 1
Date & Time Acquired : 2024-12-18 15:33:40 DataFile Name : 038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6845	6578	6842	6755	2.27	cps
Antimony	121-1	28929	28077	28485	28497	1.49	cps
Arsenic	75-2	833	820	773	809	3.90	cps
Barium	135-1	34615	35080	35230	34975	0.92	cps
Barium	137-1	60203	60829	60542	60525	0.52	cps
Beryllium	9-1	1377	1413	1453	1415	2.71	cps
Bismuth	209-1	11008612	11003388	10884468	10965489	0.64	cps
Bismuth	209-2	9403215	9247666	9245731	9298871	0.97	cps
Bromine	81-1	17611	17547	18171	17776	1.93	cps
Bromine	81-2	217	230	197	214	7.82	cps
Cadmium	108-1	287	293	270	283	4.24	cps
Cadmium	106-1	4677	4377	4634	4563	3.55	cps
Cadmium	111-1	6871	6239	6785	6632	5.17	cps
Calcium	43-1	19700	20244	20113	20019	1.42	cps
Calcium	44-1	321023	325069	326155	324082	0.83	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	14113	14297	14377	14262	0.95	cps
Cobalt	59-2	9813	9687	9570	9690	1.26	cps
Copper	63-2	15401	15141	15078	15207	1.13	cps
Dysprosium	156-1	23	10	20	18	39.03	cps
Dysprosium	156-2	7	0	7	4	86.60	cps
Erbium	164-1	90	80	60	77	19.92	cps
Erbium	164-2	57	33	33	41	32.78	cps
Gadolinium	160-1	50	60	63	58	12.01	cps
Gadolinium	160-2	720	727	667	704	4.67	cps
Holmium	165-1	17567927	17523376	17765458	17618920	0.73	cps
Holmium	165-2	12742529	12777738	12769426	12763231	0.14	cps
Indium	115-1	15145363	15008139	15055859	15069787	0.46	cps
Indium	115-2	5881807	5848448	5794633	5841629	0.75	cps
Iron	56-2	1177522	1183673	1184323	1181839	0.32	cps
Iron	57-2	30594	30661	30611	30622	0.11	cps
Iron	54-2	66978	67357	67025	67120	0.31	cps
Krypton	83-1	243	220	227	230	5.23	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : PB165633BSD Instrumnet Name : P7
Client Sample ID : LCSD563 Dilution Factor : 1
Date & Time Acquired : 2024-12-18 15:33:40 DataFile Name : 038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	11742	11552	11985	11760	1.85	cps
Lead	207-1	10257	10581	10137	10325	2.22	cps
Lead	208-1	46491	46859	46845	46732	0.45	cps
Lithium	6-1	1819109	1795934	1811245	1808762	0.65	cps
Magnesium	24-2	247551	247772	248756	248026	0.26	cps
Manganese	55-2	5598	5658	5624	5627	0.53	cps
Molybdenum	94-1	29049	29580	29289	29306	0.91	cps
Molybdenum	95-1	35306	35957	35964	35742	1.06	cps
Molybdenum	96-1	39604	39657	40549	39937	1.33	cps
Molybdenum	97-1	22190	22277	22694	22387	1.20	cps
Molybdenum	98-1	57342	57084	57047	57158	0.28	cps
Neodymium	150-1	13	0	10	8	89.21	cps
Neodymium	150-2	7	7	10	8	24.71	cps
Nickel	60-2	2874	3214	3104	3064	5.66	cps
Phosphorus	31-2	793	677	657	709	10.41	cps
Potassium	39-2	429147	430365	429429	429647	0.15	cps
Rhodium	103-1	14108233	14134444	14097162	14113280	0.14	cps
Rhodium	103-2	8545222	8623104	8561820	8576715	0.48	cps
Scandium	45-1	8202296	8128414	8207215	8179308	0.54	cps
Scandium	45-2	746577	746761	739687	744341	0.54	cps
Selenium	82-1	1364	1369	1345	1359	0.93	cps
Selenium	77-2	153	143	153	150	3.85	cps
Selenium	78-2	1050	1070	983	1034	4.39	cps
Silicon	28-1	813988	805746	813232	810989	0.56	cps
Silver	107-1	18782	18579	18749	18703	0.58	cps
Silver	109-1	17464	18085	18035	17861	1.93	cps
Sodium	23-2	418786	419560	421772	420039	0.37	cps
Strontium	86-1	4941	5041	4891	4958	1.54	cps
Strontium	88-1	39647	40051	40118	39939	0.64	cps
Sulfur	34-1	213371	214504	216099	214658	0.64	cps
Terbium	159-1	18429719	18332154	18221576	18327816	0.57	cps
Terbium	159-2	13050221	12987187	12886279	12974562	0.64	cps
Thallium	203-1	14057	14221	14228	14169	0.68	cps
Thallium	205-1	33498	34230	33795	33841	1.09	cps
Tin	118-1	63138	63295	63161	63198	0.13	cps
Titanium	47-1	2187	2267	2040	2165	5.31	cps

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

PB165633BSD

Instrumnet Name :

P7

Client Sample ID :

LCSD563

Dilution Factor :

1

Date & Time Acquired :

2024-12-18 15:33:40

DataFile Name :

038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	37480	37747	38823	38017	1.87	cps
Vanadium	51-2	26603	26734	26961	26766	0.68	cps
Yttrium	89-1	17795817	17465098	17745363	17668759	1.01	cps
Yttrium	89-2	5027341	5042698	5062130	5044056	0.35	cps
Zinc	66-2	6165	6555	6451	6390	3.16	cps
Zirconium	90-1	24851	25041	25168	25020	0.64	cps
Zirconium	91-1	5644	5414	5628	5562	2.31	cps

LB Number :LB134003Operator :Jaswal

Lab Sample ID :PB165635BLInstrumnet Name :P7

Client Sample ID :PBS635Dilution Factor :1

Date & Time Acquired :2024-12-18 15:36:58DataFile Name :039CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	157	190	190	179	10.76	cps
Antimony	121-1	97	80	127	101	23.39	cps
Arsenic	75-2	10	3	3	6	69.34	cps
Barium	135-1	43	60	47	50	17.64	cps
Barium	137-1	123	77	113	104	23.53	cps
Beryllium	9-1	80	60	53	64	21.54	cps
Bismuth	209-1	10946946	11088842	11082556	11039448	0.73	cps
Bismuth	209-2	9403278	9205689	9216344	9275104	1.20	cps
Bromine	81-1	17831	17581	18064	17825	1.36	cps
Bromine	81-2	140	163	170	158	9.98	cps
Cadmium	108-1	23	17	17	19	20.36	cps
Cadmium	106-1	4371	4197	4254	4274	2.07	cps
Cadmium	111-1	3066	2946	2979	2997	2.07	cps
Calcium	43-1	307	327	283	306	7.10	cps
Calcium	44-1	8763	8386	8489	8546	2.28	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2340	2200	2504	2348	6.47	cps
Cobalt	59-2	140	173	180	164	13.03	cps
Copper	63-2	1363	1353	1293	1337	2.83	cps
Dysprosium	156-1	7	0	13	7	99.98	cps
Dysprosium	156-2	10	3	3	6	69.34	cps
Erbium	164-1	83	107	43	78	41.19	cps
Erbium	164-2	50	60	30	47	32.73	cps
Gadolinium	160-1	97	43	50	63	45.89	cps
Gadolinium	160-2	803	753	827	794	4.72	cps
Holmium	165-1	17805013	17613297	17588591	17668967	0.67	cps
Holmium	165-2	12923570	12509255	12779854	12737560	1.65	cps
Indium	115-1	15232536	15089926	15074345	15132269	0.58	cps
Indium	115-2	5913201	5804437	5882210	5866616	0.96	cps
Iron	56-2	26667	25639	26170	26158	1.97	cps
Iron	57-2	1180	1530	1407	1372	12.94	cps
Iron	54-2	3134	3330	3327	3264	3.45	cps
Krypton	83-1	233	250	247	243	3.62	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : PB165635BL Instrumnet Name : P7
Client Sample ID : PBS635 Dilution Factor : 1
Date & Time Acquired : 2024-12-18 15:36:58 DataFile Name : 039CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	900	940	947	929	2.72	cps
Lead	207-1	733	770	827	777	6.05	cps
Lead	208-1	3594	3490	3614	3566	1.86	cps
Lithium	6-1	1846376	1792709	1835265	1824783	1.55	cps
Magnesium	24-2	910	977	963	950	3.71	cps
Manganese	55-2	867	693	713	758	12.51	cps
Molybdenum	94-1	430	377	377	394	7.81	cps
Molybdenum	95-1	140	153	143	146	4.77	cps
Molybdenum	96-1	270	293	240	268	9.99	cps
Molybdenum	97-1	110	97	117	108	9.45	cps
Molybdenum	98-1	293	247	237	259	11.68	cps
Neodymium	150-1	10	7	13	10	33.30	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	613	623	607	614	1.37	cps
Phosphorus	31-2	303	307	320	310	2.85	cps
Potassium	39-2	71711	70870	69494	70692	1.58	cps
Rhodium	103-1	14383724	14189957	14099355	14224345	1.02	cps
Rhodium	103-2	8708601	8612472	8585207	8635427	0.75	cps
Scandium	45-1	8379559	8311241	8193453	8294751	1.13	cps
Scandium	45-2	748624	744590	749177	747464	0.34	cps
Selenium	82-1	185	157	198	180	11.47	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	613	613	617	614	0.31	cps
Silicon	28-1	759997	759633	756962	758864	0.22	cps
Silver	107-1	353	250	300	301	17.16	cps
Silver	109-1	310	300	273	294	6.44	cps
Sodium	23-2	27849	27060	27688	27532	1.51	cps
Strontium	86-1	380	447	463	430	10.26	cps
Strontium	88-1	207	263	270	247	14.11	cps
Sulfur	34-1	215139	213518	212976	213878	0.53	cps
Terbium	159-1	18725100	18385687	18251619	18454136	1.32	cps
Terbium	159-2	12885679	12879726	13035444	12933616	0.68	cps
Thallium	203-1	927	937	967	943	2.21	cps
Thallium	205-1	2367	2377	2210	2318	4.03	cps
Tin	118-1	2914	2700	2837	2817	3.84	cps
Titanium	47-1	107	117	100	108	7.78	cps

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

PB165635BL

Instrumnet Name :

P7

Client Sample ID :

PBS635

Dilution Factor :

1

Date & Time Acquired :

2024-12-18 15:36:58

DataFile Name :

039CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	37	53	27	39	34.63	cps
Vanadium	51-2	10	30	10	17	69.28	cps
Yttrium	89-1	17951664	17654511	17727023	17777733	0.87	cps
Yttrium	89-2	5092957	5039258	5044589	5058934	0.58	cps
Zinc	66-2	343	370	310	341	8.81	cps
Zirconium	90-1	813	840	877	843	3.77	cps
Zirconium	91-1	213	173	200	196	10.41	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : PB165635BS Instrumnet Name : P7
Client Sample ID : LCS635 Dilution Factor : 1
Date & Time Acquired : 2024-12-18 15:40:13 DataFile Name : 040LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13106	13286	13209	13200	0.68	cps
Antimony	121-1	55580	56654	56889	56374	1.24	cps
Arsenic	75-2	1753	1803	1640	1732	4.83	cps
Barium	135-1	69006	69790	70088	69628	0.80	cps
Barium	137-1	117578	119826	120384	119263	1.25	cps
Beryllium	9-1	2670	2960	2947	2859	5.73	cps
Bismuth	209-1	11159436	11012961	11066781	11079726	0.67	cps
Bismuth	209-2	9326273	9183607	9292787	9267556	0.81	cps
Bromine	81-1	17647	17097	18371	17705	3.61	cps
Bromine	81-2	200	203	223	209	6.04	cps
Cadmium	108-1	507	533	610	550	9.75	cps
Cadmium	106-1	5154	5144	5061	5120	1.00	cps
Cadmium	111-1	10802	10963	10778	10848	0.93	cps
Calcium	43-1	38733	38870	38917	38840	0.25	cps
Calcium	44-1	628124	638323	639043	635163	0.96	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	25759	25816	25618	25731	0.39	cps
Cobalt	59-2	19032	19222	19112	19122	0.50	cps
Copper	63-2	29689	29536	29429	29551	0.44	cps
Dysprosium	156-1	17	20	17	18	10.81	cps
Dysprosium	156-2	3	23	7	11	96.43	cps
Erbium	164-1	60	90	57	69	26.65	cps
Erbium	164-2	60	43	57	53	16.54	cps
Gadolinium	160-1	33	67	60	53	33.08	cps
Gadolinium	160-2	760	770	703	744	4.83	cps
Holmium	165-1	18161701	17941466	17511729	17871632	1.85	cps
Holmium	165-2	12882336	12870975	12809039	12854117	0.31	cps
Indium	115-1	15366228	15122854	15032042	15173708	1.14	cps
Indium	115-2	5904258	5833767	5906845	5881624	0.70	cps
Iron	56-2	2282129	2261719	2271011	2271620	0.45	cps
Iron	57-2	59905	58647	58195	58916	1.50	cps
Iron	54-2	129051	129319	129998	129456	0.38	cps
Krypton	83-1	240	247	237	241	2.11	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : PB165635BS Instrumnet Name : P7
Client Sample ID : LCS635 Dilution Factor : 1
Date & Time Acquired : 2024-12-18 15:40:13 DataFile Name : 040LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	21544	22021	22171	21912	1.50	cps
Lead	207-1	19067	19194	19007	19089	0.50	cps
Lead	208-1	86605	87443	87480	87176	0.57	cps
Lithium	6-1	1839390	1819848	1731950	1797063	3.18	cps
Magnesium	24-2	491964	496727	495596	494762	0.50	cps
Manganese	55-2	10604	10504	10774	10627	1.29	cps
Molybdenum	94-1	57144	58192	57981	57772	0.96	cps
Molybdenum	95-1	69313	70941	71148	70467	1.43	cps
Molybdenum	96-1	78325	79581	79628	79178	0.93	cps
Molybdenum	97-1	43488	44518	43926	43977	1.18	cps
Molybdenum	98-1	113829	114652	115203	114562	0.60	cps
Neodymium	150-1	13	10	20	14	35.26	cps
Neodymium	150-2	7	0	10	6	91.64	cps
Nickel	60-2	5624	5384	5508	5506	2.18	cps
Phosphorus	31-2	1050	1113	1127	1097	3.74	cps
Potassium	39-2	786653	788789	785676	787040	0.20	cps
Rhodium	103-1	14438236	14254470	14156622	14283110	1.00	cps
Rhodium	103-2	8606489	8640965	8769096	8672183	0.99	cps
Scandium	45-1	8359645	8254204	8176706	8263519	1.11	cps
Scandium	45-2	756812	754988	757005	756268	0.15	cps
Selenium	82-1	2674	2454	2539	2555	4.35	cps
Selenium	77-2	257	307	253	272	10.97	cps
Selenium	78-2	1490	1440	1503	1478	2.26	cps
Silicon	28-1	892850	895621	895415	894629	0.17	cps
Silver	107-1	35607	36563	37408	36526	2.47	cps
Silver	109-1	34555	34995	35687	35079	1.63	cps
Sodium	23-2	807272	811059	813390	810574	0.38	cps
Strontium	86-1	9533	9623	9433	9530	1.00	cps
Strontium	88-1	79004	79698	78887	79196	0.55	cps
Sulfur	34-1	216265	214890	218781	216645	0.91	cps
Terbium	159-1	18659888	18457828	18224618	18447445	1.18	cps
Terbium	159-2	12896551	12981385	12932903	12936946	0.33	cps
Thallium	203-1	26366	27187	26302	26618	1.85	cps
Thallium	205-1	62744	64723	64766	64078	1.80	cps
Tin	118-1	118976	120566	122052	120531	1.28	cps
Titanium	47-1	4254	4131	4457	4281	3.85	cps

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

PB165635BS

Instrumnet Name :

P7

Client Sample ID :

LCS635

Dilution Factor :

1

Date & Time Acquired :

2024-12-18 15:40:13

DataFile Name :

040LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	73911	74310	76197	74806	1.63	cps
Vanadium	51-2	52885	53227	54127	53413	1.20	cps
Yttrium	89-1	17920299	17879740	17698266	17832768	0.66	cps
Yttrium	89-2	5033764	5108460	5100407	5080877	0.81	cps
Zinc	66-2	11761	12052	11945	11919	1.23	cps
Zirconium	90-1	48082	48286	49396	48588	1.46	cps
Zirconium	91-1	10887	10854	10927	10890	0.34	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : PB165635BSD Instrumnet Name : P7
Client Sample ID : LCSD635 Dilution Factor : 1
Date & Time Acquired : 2024-12-18 15:43:29 DataFile Name : 041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7328	7235	7192	7252	0.96	cps
Antimony	121-1	29801	30429	29280	29837	1.93	cps
Arsenic	75-2	987	880	807	891	10.16	cps
Barium	135-1	36146	36891	37399	36812	1.71	cps
Barium	137-1	62919	65098	64438	64152	1.74	cps
Beryllium	9-1	1560	1523	1520	1535	1.45	cps
Bismuth	209-1	11604521	11251529	11356401	11404150	1.59	cps
Bismuth	209-2	9343318	9353641	9337324	9344761	0.09	cps
Bromine	81-1	17667	17794	17547	17670	0.70	cps
Bromine	81-2	210	203	203	206	1.87	cps
Cadmium	108-1	313	327	290	310	5.99	cps
Cadmium	106-1	5071	4734	4541	4782	5.61	cps
Cadmium	111-1	7041	6886	7223	7050	2.39	cps
Calcium	43-1	20370	21338	20904	20871	2.32	cps
Calcium	44-1	338852	346901	348602	344785	1.51	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	14797	14917	14777	14831	0.51	cps
Cobalt	59-2	10174	10504	10100	10259	2.10	cps
Copper	63-2	16165	15919	16065	16050	0.77	cps
Dysprosium	156-1	13	10	17	13	25.01	cps
Dysprosium	156-2	3	7	7	6	34.70	cps
Erbium	164-1	100	63	63	76	28.02	cps
Erbium	164-2	50	50	53	51	3.76	cps
Gadolinium	160-1	63	70	80	71	11.80	cps
Gadolinium	160-2	820	700	740	753	8.11	cps
Holmium	165-1	19031813	18147003	17927931	18368916	3.18	cps
Holmium	165-2	12872405	12887426	12679621	12813151	0.90	cps
Indium	115-1	16013778	15175388	15135550	15441572	3.21	cps
Indium	115-2	5946936	5837993	5888506	5891145	0.93	cps
Iron	56-2	1250841	1263901	1255321	1256688	0.53	cps
Iron	57-2	32378	32248	32789	32472	0.87	cps
Iron	54-2	71040	71107	71033	71060	0.06	cps
Krypton	83-1	210	313	253	259	20.04	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : PB165635BSD Instrumnet Name : P7
Client Sample ID : LCSD635 Dilution Factor : 1
Date & Time Acquired : 2024-12-18 15:43:29 DataFile Name : 041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	11535	12416	12386	12112	4.13	cps
Lead	207-1	10451	10744	10254	10483	2.35	cps
Lead	208-1	46869	49062	47643	47858	2.32	cps
Lithium	6-1	1908656	1784342	1793749	1828916	3.78	cps
Magnesium	24-2	262717	263398	264530	263549	0.35	cps
Manganese	55-2	5965	6115	5724	5935	3.32	cps
Molybdenum	94-1	30792	31073	32119	31328	2.23	cps
Molybdenum	95-1	37127	37812	37528	37489	0.92	cps
Molybdenum	96-1	41519	42799	43030	42449	1.92	cps
Molybdenum	97-1	22701	23836	24170	23569	3.27	cps
Molybdenum	98-1	59152	61191	61823	60722	2.30	cps
Neodymium	150-1	17	17	7	13	43.29	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	3354	3134	3297	3261	3.50	cps
Phosphorus	31-2	777	667	770	738	8.36	cps
Potassium	39-2	449966	450110	448778	449618	0.16	cps
Rhodium	103-1	15028749	14146849	14158253	14444617	3.50	cps
Rhodium	103-2	8685564	8663581	8680248	8676464	0.13	cps
Scandium	45-1	8800231	8351251	8267713	8473065	3.38	cps
Scandium	45-2	758444	757020	755252	756905	0.21	cps
Selenium	82-1	1443	1340	1427	1403	3.96	cps
Selenium	77-2	157	147	127	143	10.66	cps
Selenium	78-2	1087	1037	1090	1071	2.79	cps
Silicon	28-1	837501	838984	840933	839139	0.21	cps
Silver	107-1	19243	19687	20668	19866	3.67	cps
Silver	109-1	17751	18756	19246	18584	4.10	cps
Sodium	23-2	441578	443813	446484	443958	0.55	cps
Strontium	86-1	4871	5364	5394	5210	5.64	cps
Strontium	88-1	41392	42855	41916	42054	1.76	cps
Sulfur	34-1	216062	213706	213395	214388	0.68	cps
Terbium	159-1	19567398	18604890	18514272	18895520	3.09	cps
Terbium	159-2	13199724	13082311	12924603	13068879	1.06	cps
Thallium	203-1	14318	15309	14885	14837	3.35	cps
Thallium	205-1	34113	35222	35697	35011	2.32	cps
Tin	118-1	64859	66831	65826	65839	1.50	cps
Titanium	47-1	2160	2274	2484	2306	7.12	cps

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

PB165635BSD

Instrumnet Name :

P7

Client Sample ID :

LCSD635

Dilution Factor :

1

Date & Time Acquired :

2024-12-18 15:43:29

DataFile Name :

041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	39164	39682	39662	39503	0.74	cps
Vanadium	51-2	29288	28557	28647	28831	1.38	cps
Yttrium	89-1	18685858	18055361	17931531	18224250	2.22	cps
Yttrium	89-2	5105232	5071373	5074095	5083567	0.37	cps
Zinc	66-2	6435	6678	6748	6620	2.49	cps
Zirconium	90-1	25829	26587	25870	26095	1.63	cps
Zirconium	91-1	5791	5715	6048	5851	2.98	cps

LB Number :LB134003Operator :Jaswal

Lab Sample ID :PB165657BLInstrumnet Name :P7

Client Sample ID :PBS657Dilution Factor :1

Date & Time Acquired :2024-12-18 15:46:45DataFile Name :042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	183	160	150	164	10.40	cps
Antimony	121-1	100	80	90	90	11.11	cps
Arsenic	75-2	20	10	7	12	56.76	cps
Barium	135-1	60	50	60	57	10.19	cps
Barium	137-1	90	103	100	98	7.10	cps
Beryllium	9-1	40	50	50	47	12.37	cps
Bismuth	209-1	11031671	11042222	10995521	11023138	0.22	cps
Bismuth	209-2	9354765	9367877	9406233	9376291	0.29	cps
Bromine	81-1	17861	18118	18041	18007	0.73	cps
Bromine	81-2	183	180	170	178	3.90	cps
Cadmium	108-1	10	10	7	9	21.63	cps
Cadmium	106-1	4287	4471	4267	4342	2.58	cps
Cadmium	111-1	3017	3146	2989	3051	2.74	cps
Calcium	43-1	333	237	317	296	17.48	cps
Calcium	44-1	8866	8663	8743	8757	1.17	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2364	2254	2420	2346	3.61	cps
Cobalt	59-2	147	137	167	150	10.18	cps
Copper	63-2	1310	1450	1390	1383	5.08	cps
Dysprosium	156-1	13	17	17	16	12.40	cps
Dysprosium	156-2	7	10	7	8	24.71	cps
Erbium	164-1	83	83	93	87	6.67	cps
Erbium	164-2	63	43	63	57	20.38	cps
Gadolinium	160-1	90	53	53	66	32.30	cps
Gadolinium	160-2	753	727	777	752	3.33	cps
Holmium	165-1	17883057	17846971	17537998	17756009	1.07	cps
Holmium	165-2	12797487	12906947	13074282	12926239	1.08	cps
Indium	115-1	15232716	15244011	15072115	15182947	0.63	cps
Indium	115-2	5917398	5881064	5928537	5908999	0.42	cps
Iron	56-2	26717	26657	26620	26665	0.18	cps
Iron	57-2	1500	1447	1320	1422	6.50	cps
Iron	54-2	3627	3300	3487	3472	4.72	cps
Krypton	83-1	223	267	300	263	14.60	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : PB165657BL Instrumnet Name : P7
Client Sample ID : PBS657 Dilution Factor : 1
Date & Time Acquired : 2024-12-18 15:46:45 DataFile Name : 042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	810	817	820	816	0.62	cps
Lead	207-1	807	750	690	749	7.79	cps
Lead	208-1	3414	3314	3210	3312	3.07	cps
Lithium	6-1	1797991	1780870	1770821	1783227	0.77	cps
Magnesium	24-2	923	887	993	934	5.80	cps
Manganese	55-2	783	797	737	772	4.08	cps
Molybdenum	94-1	307	380	393	360	12.96	cps
Molybdenum	95-1	130	147	143	140	6.30	cps
Molybdenum	96-1	170	227	243	213	18.02	cps
Molybdenum	97-1	100	80	100	93	12.37	cps
Molybdenum	98-1	260	223	277	253	10.77	cps
Neodymium	150-1	10	3	13	9	57.30	cps
Neodymium	150-2	7	7	7	7	0.00	cps
Nickel	60-2	687	630	687	668	4.90	cps
Phosphorus	31-2	287	257	263	269	5.86	cps
Potassium	39-2	70418	71236	72947	71534	1.80	cps
Rhodium	103-1	14395164	14327247	14244329	14322247	0.53	cps
Rhodium	103-2	8718110	8767219	8759587	8748305	0.30	cps
Scandium	45-1	8359155	8316089	8324302	8333182	0.27	cps
Scandium	45-2	753337	752449	756366	754051	0.27	cps
Selenium	82-1	306	304	204	271	21.57	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	623	660	700	661	5.80	cps
Silicon	28-1	772716	773603	774013	773444	0.09	cps
Silver	107-1	303	307	273	294	6.23	cps
Silver	109-1	280	260	217	252	12.84	cps
Sodium	23-2	25902	26389	26236	26176	0.95	cps
Strontium	86-1	440	363	360	388	11.67	cps
Strontium	88-1	267	237	273	259	7.54	cps
Sulfur	34-1	212104	213952	216796	214284	1.10	cps
Terbium	159-1	18457077	18551300	18479572	18495983	0.27	cps
Terbium	159-2	12951886	12970213	13119865	13013988	0.71	cps
Thallium	203-1	800	720	730	750	5.81	cps
Thallium	205-1	1920	1830	1817	1856	3.03	cps
Tin	118-1	3007	2854	2960	2940	2.67	cps
Titanium	47-1	97	90	103	97	6.89	cps

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

PB165657BL

Instrumnet Name :

P7

Client Sample ID :

PBS657

Dilution Factor :

1

Date & Time Acquired :

2024-12-18 15:46:45

DataFile Name :

042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7	27	33	22	62.43	cps
Vanadium	51-2	30	13	23	22	37.76	cps
Yttrium	89-1	17855499	17891021	17923413	17889978	0.19	cps
Yttrium	89-2	5045974	5132929	5119936	5099613	0.92	cps
Zinc	66-2	403	360	397	387	6.03	cps
Zirconium	90-1	823	840	823	829	1.16	cps
Zirconium	91-1	190	177	203	190	7.02	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : PB165657BS Instrumnet Name : P7
Client Sample ID : LCS657 Dilution Factor : 1
Date & Time Acquired : 2024-12-18 15:50:02 DataFile Name : 043LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13966	14053	14390	14137	1.58	cps
Antimony	121-1	60202	59670	60989	60287	1.10	cps
Arsenic	75-2	1743	1910	1757	1803	5.14	cps
Barium	135-1	71796	73870	72738	72801	1.43	cps
Barium	137-1	126974	127875	127697	127515	0.37	cps
Beryllium	9-1	3167	3214	3157	3179	0.95	cps
Bismuth	209-1	11288304	11011379	11228012	11175898	1.30	cps
Bismuth	209-2	9493373	9436681	9428773	9452942	0.37	cps
Bromine	81-1	18722	17974	18659	18452	2.25	cps
Bromine	81-2	183	183	147	171	12.37	cps
Cadmium	108-1	597	623	667	629	5.62	cps
Cadmium	106-1	5201	5118	5274	5198	1.51	cps
Cadmium	111-1	11018	11295	10924	11079	1.74	cps
Calcium	43-1	41002	40995	42112	41370	1.55	cps
Calcium	44-1	671381	675651	681311	676114	0.74	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	27091	26243	26146	26493	1.96	cps
Cobalt	59-2	20728	20447	20194	20456	1.31	cps
Copper	63-2	30862	31463	31002	31109	1.01	cps
Dysprosium	156-1	17	10	10	12	31.50	cps
Dysprosium	156-2	20	10	20	17	34.64	cps
Erbium	164-1	77	67	80	74	9.32	cps
Erbium	164-2	57	43	50	50	13.34	cps
Gadolinium	160-1	23	53	93	57	61.98	cps
Gadolinium	160-2	770	870	747	796	8.24	cps
Holmium	165-1	18052375	18000886	17961273	18004844	0.25	cps
Holmium	165-2	13047461	12997153	12930966	12991860	0.45	cps
Indium	115-1	15313061	15589342	15202996	15368466	1.30	cps
Indium	115-2	6018050	5929742	5835776	5927856	1.54	cps
Iron	56-2	2457779	2430163	2431604	2439849	0.64	cps
Iron	57-2	63992	63356	62700	63349	1.02	cps
Iron	54-2	136922	136757	137615	137098	0.33	cps
Krypton	83-1	237	247	270	251	6.81	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : PB165657BS Instrumnet Name : P7
Client Sample ID : LCS657 Dilution Factor : 1
Date & Time Acquired : 2024-12-18 15:50:02 DataFile Name : 043LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	22425	23120	22919	22821	1.57	cps
Lead	207-1	19921	20355	20202	20160	1.09	cps
Lead	208-1	91238	92058	92407	91901	0.65	cps
Lithium	6-1	1838212	1817094	1854593	1836633	1.02	cps
Magnesium	24-2	517591	525286	523099	521992	0.76	cps
Manganese	55-2	11078	11151	11007	11079	0.65	cps
Molybdenum	94-1	62613	60822	62479	61971	1.61	cps
Molybdenum	95-1	75326	74984	74364	74891	0.65	cps
Molybdenum	96-1	82638	84184	84539	83787	1.21	cps
Molybdenum	97-1	47246	46574	47229	47016	0.82	cps
Molybdenum	98-1	120613	121960	119937	120837	0.85	cps
Neodymium	150-1	13	20	10	14	35.26	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	5811	5761	5634	5736	1.59	cps
Phosphorus	31-2	1130	1123	1157	1137	1.55	cps
Potassium	39-2	825655	830257	822086	825999	0.50	cps
Rhodium	103-1	14445816	14573824	14195817	14405152	1.33	cps
Rhodium	103-2	8805432	8820608	8685845	8770628	0.84	cps
Scandium	45-1	8315515	8398730	8394484	8369576	0.56	cps
Scandium	45-2	766376	764551	761228	764052	0.34	cps
Selenium	82-1	2664	2699	2669	2677	0.72	cps
Selenium	77-2	290	263	240	264	9.46	cps
Selenium	78-2	1487	1497	1530	1505	1.51	cps
Silicon	28-1	1185203	1192044	1188299	1188515	0.29	cps
Silver	107-1	38722	38608	39664	38998	1.49	cps
Silver	109-1	36446	36586	37445	36826	1.47	cps
Sodium	23-2	855808	855605	855960	855791	0.02	cps
Strontium	86-1	9937	9830	10084	9950	1.28	cps
Strontium	88-1	84588	84048	83187	83941	0.84	cps
Sulfur	34-1	227478	224055	226520	226018	0.78	cps
Terbium	159-1	18561909	18910204	18413402	18628505	1.37	cps
Terbium	159-2	13233616	12916153	13125123	13091631	1.23	cps
Thallium	203-1	28336	28480	29034	28617	1.29	cps
Thallium	205-1	67892	68374	68022	68096	0.37	cps
Tin	118-1	126961	129620	128201	128260	1.04	cps
Titanium	47-1	4497	4801	4377	4559	4.79	cps

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

PB165657BS

Instrumnet Name :

P7

Client Sample ID :

LCS657

Dilution Factor :

1

Date & Time Acquired :

2024-12-18 15:50:02

DataFile Name :

043LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	79368	78558	78064	78664	0.84	cps
Vanadium	51-2	56238	56850	55967	56351	0.80	cps
Yttrium	89-1	18144647	17985035	18022089	18050590	0.46	cps
Yttrium	89-2	5193426	5148057	5058657	5133380	1.34	cps
Zinc	66-2	12749	12899	13032	12893	1.10	cps
Zirconium	90-1	49864	51396	51530	50930	1.82	cps
Zirconium	91-1	11254	11391	11321	11322	0.60	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : PB165657BSD Instrumnet Name : P7
Client Sample ID : LCSD657 Dilution Factor : 1
Date & Time Acquired : 2024-12-18 15:53:16 DataFile Name : 044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7348	7042	7285	7225	2.24	cps
Antimony	121-1	30172	30970	30686	30609	1.32	cps
Arsenic	75-2	880	907	940	909	3.31	cps
Barium	135-1	36787	36590	36918	36765	0.45	cps
Barium	137-1	63832	64529	64124	64162	0.55	cps
Beryllium	9-1	1560	1567	1737	1621	6.18	cps
Bismuth	209-1	11190737	11250197	11006925	11149287	1.14	cps
Bismuth	209-2	9498472	9427420	9241527	9389140	1.41	cps
Bromine	81-1	18308	18465	18472	18415	0.50	cps
Bromine	81-2	183	210	217	203	8.67	cps
Cadmium	108-1	300	360	333	331	9.08	cps
Cadmium	106-1	5034	5098	4804	4979	3.10	cps
Cadmium	111-1	7361	7434	7110	7302	2.32	cps
Calcium	43-1	21105	21085	21629	21273	1.45	cps
Calcium	44-1	343367	346244	349224	346278	0.85	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	14644	15078	15208	14976	1.97	cps
Cobalt	59-2	10274	10340	10307	10307	0.32	cps
Copper	63-2	16199	16576	16049	16275	1.67	cps
Dysprosium	156-1	10	23	23	19	40.75	cps
Dysprosium	156-2	0	23	13	12	95.78	cps
Erbium	164-1	77	87	67	77	13.04	cps
Erbium	164-2	73	43	37	51	38.21	cps
Gadolinium	160-1	60	60	77	66	14.68	cps
Gadolinium	160-2	770	850	753	791	6.53	cps
Holmium	165-1	17950159	17839078	17889234	17892824	0.31	cps
Holmium	165-2	13014138	12796210	12844573	12884974	0.89	cps
Indium	115-1	15474047	15155278	15317653	15315659	1.04	cps
Indium	115-2	5920378	5905235	5894840	5906818	0.22	cps
Iron	56-2	1256172	1256610	1258376	1257053	0.09	cps
Iron	57-2	32158	33026	32756	32647	1.36	cps
Iron	54-2	71167	71455	70621	71081	0.60	cps
Krypton	83-1	173	233	270	226	21.63	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : PB165657BSD Instrumnet Name : P7
Client Sample ID : LCSD657 Dilution Factor : 1
Date & Time Acquired : 2024-12-18 15:53:16 DataFile Name : 044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	12219	12182	11982	12128	1.05	cps
Lead	207-1	10621	10898	10454	10658	2.10	cps
Lead	208-1	48204	48571	48271	48348	0.40	cps
Lithium	6-1	1798720	1826094	1814180	1812998	0.76	cps
Magnesium	24-2	265392	265758	264907	265352	0.16	cps
Manganese	55-2	6078	5971	6081	6043	1.04	cps
Molybdenum	94-1	31257	32008	32082	31782	1.44	cps
Molybdenum	95-1	37962	37735	37779	37825	0.32	cps
Molybdenum	96-1	42248	42595	42308	42384	0.44	cps
Molybdenum	97-1	23796	23686	24417	23966	1.64	cps
Molybdenum	98-1	61696	61131	62530	61785	1.14	cps
Neodymium	150-1	17	7	10	11	45.82	cps
Neodymium	150-2	3	13	3	7	86.65	cps
Nickel	60-2	3160	3237	3244	3214	1.44	cps
Phosphorus	31-2	783	700	827	770	8.36	cps
Potassium	39-2	455584	456366	457356	456435	0.19	cps
Rhodium	103-1	14287683	14477520	14449518	14404907	0.71	cps
Rhodium	103-2	8756727	8677423	8711584	8715245	0.46	cps
Scandium	45-1	8455963	8315655	8289435	8353685	1.07	cps
Scandium	45-2	762017	757714	761012	760248	0.30	cps
Selenium	82-1	1487	1516	1438	1480	2.69	cps
Selenium	77-2	143	150	127	140	8.58	cps
Selenium	78-2	1130	1027	1013	1057	6.04	cps
Silicon	28-1	842771	841236	842481	842163	0.10	cps
Silver	107-1	19854	19637	20268	19919	1.61	cps
Silver	109-1	18712	18966	18909	18862	0.71	cps
Sodium	23-2	451340	444961	448331	448211	0.71	cps
Strontium	86-1	4911	5411	5411	5244	5.51	cps
Strontium	88-1	43116	43618	42969	43234	0.79	cps
Sulfur	34-1	228710	229821	228790	229107	0.27	cps
Terbium	159-1	18885888	18593342	18405347	18628192	1.30	cps
Terbium	159-2	13379965	12889321	13072266	13113851	1.89	cps
Thallium	203-1	14851	14615	14965	14810	1.21	cps
Thallium	205-1	35105	35049	35379	35178	0.50	cps
Tin	118-1	65779	66060	68631	66824	2.35	cps
Titanium	47-1	2377	2590	2304	2424	6.15	cps

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

PB165657BSD

Instrumnet Name :

P7

Client Sample ID :

LCSD657

Dilution Factor :

1

Date & Time Acquired :

2024-12-18 15:53:16

DataFile Name :

044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	39422	40030	39963	39805	0.84	cps
Vanadium	51-2	28570	28741	28070	28460	1.23	cps
Yttrium	89-1	18065827	17873643	18182158	18040543	0.86	cps
Yttrium	89-2	5189301	5078774	5155540	5141205	1.10	cps
Zinc	66-2	6405	6718	6708	6610	2.70	cps
Zirconium	90-1	26244	26701	26207	26384	1.04	cps
Zirconium	91-1	5945	6045	5955	5981	0.92	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : P5172-20 Instrumnet Name : P7
Client Sample ID : MYCZ38 Dilution Factor : 1
Date & Time Acquired : 2024-12-18 15:56:34 DataFile Name : 045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13356098	13379780	13314945	13350274	0.25	cps
Antimony	121-1	10934	10891	11048	10958	0.74	cps
Arsenic	75-2	65262	65537	65303	65367	0.23	cps
Barium	135-1	2151552	2096594	2043948	2097364	2.57	cps
Barium	137-1	3678846	3642623	3582907	3634792	1.33	cps
Beryllium	9-1	2487	2690	2680	2619	4.38	cps
Bismuth	209-1	11337191	11240873	11054834	11210966	1.28	cps
Bismuth	209-2	9460219	9415432	9366524	9414058	0.50	cps
Bromine	81-1	19289	18702	18028	18673	3.38	cps
Bromine	81-2	737	770	763	757	2.33	cps
Cadmium	108-1	1003	920	867	930	7.41	cps
Cadmium	106-1	6672	6668	6408	6583	2.30	cps
Cadmium	111-1	13084	12827	12698	12870	1.53	cps
Calcium	43-1	1064245	1060474	1038596	1054438	1.31	cps
Calcium	44-1	16918256	16450366	16263983	16544202	2.04	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	395465	395151	390494	393703	0.71	cps
Cobalt	59-2	334840	333733	332370	333647	0.37	cps
Copper	63-2	1645464	1633411	1659047	1645974	0.78	cps
Dysprosium	156-1	148208	148138	144248	146865	1.54	cps
Dysprosium	156-2	129937	128784	128929	129216	0.49	cps
Erbium	164-1	123203	123093	125030	123775	0.88	cps
Erbium	164-2	91014	90169	90004	90396	0.60	cps
Gadolinium	160-1	141863	140442	139001	140435	1.02	cps
Gadolinium	160-2	106803	106105	105510	106139	0.61	cps
Holmium	165-1	18670988	18035294	18166048	18290777	1.84	cps
Holmium	165-2	13165918	13041741	12999384	13069014	0.66	cps
Indium	115-1	15457515	14750734	14753061	14987103	2.72	cps
Indium	115-2	5662085	5675076	5674314	5670492	0.13	cps
Iron	56-2	456219700	452811873	452527980	453853184	0.45	cps
Iron	57-2	11276348	11193053	11127010	11198804	0.67	cps
Iron	54-2	24587372	24384263	24347980	24439872	0.53	cps
Krypton	83-1	363	410	400	391	6.28	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : P5172-20 Instrumnet Name : P7
Client Sample ID : MYCZ38 Dilution Factor : 1
Date & Time Acquired : 2024-12-18 15:56:34 DataFile Name : 045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2703559	2722254	2690897	2705570	0.58	cps
Lead	207-1	2414648	2459670	2394143	2422820	1.38	cps
Lead	208-1	10893556	11027230	10838831	10919873	0.89	cps
Lithium	6-1	1910360	1862650	1837944	1870318	1.97	cps
Magnesium	24-2	9951731	9901292	9788339	9880454	0.85	cps
Manganese	55-2	9479600	9520893	9421562	9474018	0.53	cps
Molybdenum	94-1	135752	135409	131941	134367	1.57	cps
Molybdenum	95-1	6135	6508	6215	6286	3.13	cps
Molybdenum	96-1	34748	33562	32944	33751	2.72	cps
Molybdenum	97-1	4051	3811	3784	3882	3.78	cps
Molybdenum	98-1	9883	9910	9700	9831	1.16	cps
Neodymium	150-1	260602	260851	254892	258782	1.30	cps
Neodymium	150-2	163568	160485	159859	161304	1.23	cps
Nickel	60-2	186929	185343	183596	185289	0.90	cps
Phosphorus	31-2	50115	49690	49838	49881	0.43	cps
Potassium	39-2	8973021	9012675	8913662	8966453	0.56	cps
Rhodium	103-1	14393830	13767842	13552846	13904839	3.14	cps
Rhodium	103-2	8265642	8260046	8211902	8245863	0.36	cps
Scandium	45-1	8878374	8553052	8363723	8598383	3.03	cps
Scandium	45-2	738330	730850	733593	734258	0.52	cps
Selenium	82-1	616	672	517	602	12.98	cps
Selenium	77-2	427	377	413	406	6.38	cps
Selenium	78-2	893	890	1030	938	8.52	cps
Silicon	28-1	54042008	52913936	51896604	52950849	2.03	cps
Silver	107-1	15789	15625	15065	15493	2.45	cps
Silver	109-1	14310	14477	14317	14368	0.66	cps
Sodium	23-2	142236	140181	141947	141455	0.79	cps
Strontium	86-1	682014	670998	662902	671971	1.43	cps
Strontium	88-1	6041499	5955494	5907383	5968126	1.14	cps
Sulfur	34-1	276402	260403	250798	262534	4.93	cps
Terbium	159-1	19325213	18888047	18670103	18961121	1.76	cps
Terbium	159-2	13378049	13176703	13365393	13306715	0.85	cps
Thallium	203-1	5575	5635	5711	5640	1.22	cps
Thallium	205-1	13357	13730	13747	13611	1.62	cps
Tin	118-1	183452	180897	179523	181291	1.10	cps
Titanium	47-1	930085	920549	902903	917846	1.50	cps

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

P5172-20

Instrumnet Name :

P7

Client Sample ID :

MYCZ38

Dilution Factor :

1

Date & Time Acquired :

2024-12-18 15:56:34

DataFile Name :

045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	41451	41073	41107	41210	0.51	cps
Vanadium	51-2	658446	651955	647452	652618	0.85	cps
Yttrium	89-1	19948822	19610849	19206641	19588771	1.90	cps
Yttrium	89-2	5388675	5374525	5342948	5368716	0.44	cps
Zinc	66-2	754527	748035	751686	751416	0.43	cps
Zirconium	90-1	358016	357148	350904	355356	1.09	cps
Zirconium	91-1	79936	80738	77603	79426	2.05	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : P5172-21 Instrumnet Name : P7
Client Sample ID : MYCZ38D Dilution Factor : 1
Date & Time Acquired : 2024-12-18 15:59:34 DataFile Name : 046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13410244	13292829	13250640	13317904	0.62	cps
Antimony	121-1	10371	10104	9980	10151	1.97	cps
Arsenic	75-2	64948	65544	65286	65259	0.46	cps
Barium	135-1	1987668	2006474	1993807	1995983	0.48	cps
Barium	137-1	3431361	3460049	3408385	3433265	0.75	cps
Beryllium	9-1	2537	2587	2810	2645	5.50	cps
Bismuth	209-1	11283850	11257544	11116293	11219229	0.80	cps
Bismuth	209-2	9311018	9363672	9391540	9355410	0.44	cps
Bromine	81-1	17430	17647	18024	17701	1.70	cps
Bromine	81-2	777	757	700	744	5.34	cps
Cadmium	108-1	907	933	880	907	2.94	cps
Cadmium	106-1	6271	6238	6108	6206	1.39	cps
Cadmium	111-1	12208	12596	12446	12417	1.58	cps
Calcium	43-1	1011967	1010939	999349	1007418	0.70	cps
Calcium	44-1	15645749	15660608	15655394	15653917	0.05	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	377583	377128	376644	377118	0.12	cps
Cobalt	59-2	339588	337018	334609	337072	0.74	cps
Copper	63-2	1402534	1399257	1385790	1395861	0.64	cps
Dysprosium	156-1	146627	146531	147229	146795	0.26	cps
Dysprosium	156-2	132349	132383	131495	132076	0.38	cps
Erbium	164-1	123435	124361	123120	123638	0.52	cps
Erbium	164-2	93608	92426	90822	92285	1.51	cps
Gadolinium	160-1	140820	142583	140630	141345	0.76	cps
Gadolinium	160-2	107989	108566	108153	108236	0.27	cps
Holmium	165-1	18377704	17966381	17885859	18076648	1.46	cps
Holmium	165-2	13241236	13100780	13038615	13126877	0.79	cps
Indium	115-1	14657326	14559856	14545447	14587543	0.42	cps
Indium	115-2	5693757	5658247	5581316	5644440	1.02	cps
Iron	56-2	449678007	449210433	444937113	447941851	0.58	cps
Iron	57-2	11102828	11202453	11013124	11106135	0.85	cps
Iron	54-2	24386560	24116880	24044405	24182615	0.75	cps
Krypton	83-1	357	407	387	383	6.56	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : P5172-21 Instrumnet Name : P7
Client Sample ID : MYCZ38D Dilution Factor : 1
Date & Time Acquired : 2024-12-18 15:59:34 DataFile Name : 046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2331712	2354813	2351459	2345995	0.53	cps
Lead	207-1	2104988	2132856	2099428	2112424	0.85	cps
Lead	208-1	9521771	9533428	9490045	9515081	0.24	cps
Lithium	6-1	1800466	1821969	1820694	1814377	0.66	cps
Magnesium	24-2	9995012	9897128	9900655	9930932	0.56	cps
Manganese	55-2	9211771	9240249	9147634	9199885	0.52	cps
Molybdenum	94-1	140129	140207	139002	139779	0.48	cps
Molybdenum	95-1	6418	6298	6315	6344	1.03	cps
Molybdenum	96-1	33642	33375	34324	33780	1.45	cps
Molybdenum	97-1	3924	3627	4131	3894	6.50	cps
Molybdenum	98-1	10104	10080	9797	9994	1.71	cps
Neodymium	150-1	258121	259249	260401	259257	0.44	cps
Neodymium	150-2	162245	163685	162531	162821	0.47	cps
Nickel	60-2	155018	156278	155836	155711	0.41	cps
Phosphorus	31-2	51128	49553	49791	50157	1.69	cps
Potassium	39-2	8876774	8916429	8770337	8854513	0.85	cps
Rhodium	103-1	13592006	13500035	13443312	13511784	0.56	cps
Rhodium	103-2	8199077	8256379	8228254	8227903	0.35	cps
Scandium	45-1	8305299	8219043	8167009	8230450	0.85	cps
Scandium	45-2	736216	733330	731831	733792	0.30	cps
Selenium	82-1	611	566	555	578	5.13	cps
Selenium	77-2	443	427	410	427	3.91	cps
Selenium	78-2	997	867	947	937	7.00	cps
Silicon	28-1	49499283	49459251	49296909	49418481	0.22	cps
Silver	107-1	14771	15231	15091	15031	1.57	cps
Silver	109-1	14471	14097	14160	14243	1.40	cps
Sodium	23-2	143074	140332	141085	141497	1.00	cps
Strontium	86-1	634039	633340	627850	631743	0.54	cps
Strontium	88-1	5659315	5564351	5587350	5603672	0.88	cps
Sulfur	34-1	224423	227143	224590	225385	0.68	cps
Terbium	159-1	18921789	18706286	18545066	18724380	1.01	cps
Terbium	159-2	13210633	13195611	13131526	13179257	0.32	cps
Thallium	203-1	6262	5831	5805	5966	4.30	cps
Thallium	205-1	14058	13170	13130	13453	3.90	cps
Tin	118-1	117111	116443	115911	116488	0.52	cps
Titanium	47-1	855006	838943	836708	843552	1.18	cps

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

P5172-21

Instrumnet Name :

P7

Client Sample ID :

MYCZ38D

Dilution Factor :

1

Date & Time Acquired :

2024-12-18 15:59:34

DataFile Name :

046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	43093	42361	41799	42418	1.53	cps
Vanadium	51-2	647426	645434	638043	643635	0.77	cps
Yttrium	89-1	19326086	18848160	18721086	18965111	1.68	cps
Yttrium	89-2	5351718	5415753	5345279	5370917	0.73	cps
Zinc	66-2	682089	685061	682840	683330	0.23	cps
Zirconium	90-1	369834	368576	365030	367813	0.68	cps
Zirconium	91-1	83291	81163	81903	82119	1.32	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : P5172-20LX5 Instrumnet Name : P7
Client Sample ID : MYCZ38L Dilution Factor : 5
Date & Time Acquired : 2024-12-18 16:02:37 DataFile Name : 047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2781871	2716818	2707217	2735302	1.48	cps
Antimony	121-1	2167	2254	2294	2238	2.89	cps
Arsenic	75-2	13937	13500	13206	13547	2.71	cps
Barium	135-1	398952	404474	403075	402167	0.71	cps
Barium	137-1	691992	698441	699261	696565	0.57	cps
Beryllium	9-1	620	570	547	579	6.47	cps
Bismuth	209-1	11067301	11139664	11238605	11148524	0.77	cps
Bismuth	209-2	9654437	9429480	9471957	9518625	1.26	cps
Bromine	81-1	16629	16022	15712	16121	2.90	cps
Bromine	81-2	237	217	217	223	5.17	cps
Cadmium	108-1	213	223	213	217	2.66	cps
Cadmium	106-1	4621	4121	4254	4332	5.98	cps
Cadmium	111-1	4725	4655	4542	4641	1.99	cps
Calcium	43-1	205265	209178	207282	207242	0.94	cps
Calcium	44-1	3237705	3200423	3221469	3219866	0.58	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	82239	81756	82514	82170	0.47	cps
Cobalt	59-2	68649	69560	69115	69108	0.66	cps
Copper	63-2	337302	337488	331750	335514	0.97	cps
Dysprosium	156-1	28312	29090	29020	28807	1.49	cps
Dysprosium	156-2	26345	25567	26091	26001	1.53	cps
Erbium	164-1	24021	23754	24057	23944	0.69	cps
Erbium	164-2	18245	18646	17875	18255	2.11	cps
Gadolinium	160-1	27911	28182	27437	27843	1.35	cps
Gadolinium	160-2	21971	22181	21807	21986	0.85	cps
Holmium	165-1	17891902	17784901	17725959	17800921	0.47	cps
Holmium	165-2	12999269	13120205	13025709	13048394	0.49	cps
Indium	115-1	14871854	14749035	14704149	14775013	0.59	cps
Indium	115-2	5761526	5756096	5661339	5726320	0.98	cps
Iron	56-2	92994859	93365399	93640552	93333603	0.35	cps
Iron	57-2	2329112	2326198	2285303	2313538	1.06	cps
Iron	54-2	5006081	4968809	5010447	4995112	0.46	cps
Krypton	83-1	287	280	353	307	13.22	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : P5172-20LX5 Instrumnet Name : P7
Client Sample ID : MYCZ38L Dilution Factor : 5
Date & Time Acquired : 2024-12-18 16:02:37 DataFile Name : 047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	522906	527332	529475	526571	0.64	cps
Lead	207-1	461323	467261	462092	463559	0.70	cps
Lead	208-1	2086036	2103158	2106258	2098484	0.52	cps
Lithium	6-1	1796973	1783806	1791456	1790745	0.37	cps
Magnesium	24-2	2034544	2049678	2027503	2037242	0.56	cps
Manganese	55-2	1969501	1953214	1959295	1960670	0.42	cps
Molybdenum	94-1	25803	26547	26337	26229	1.46	cps
Molybdenum	95-1	1333	1303	1263	1300	2.70	cps
Molybdenum	96-1	6702	6675	6718	6698	0.33	cps
Molybdenum	97-1	770	917	847	844	8.69	cps
Molybdenum	98-1	2124	2000	2144	2089	3.72	cps
Neodymium	150-1	50888	50644	51253	50928	0.60	cps
Neodymium	150-2	32477	33025	32504	32669	0.95	cps
Nickel	60-2	38733	38707	38740	38727	0.05	cps
Phosphorus	31-2	10470	10220	10190	10294	1.49	cps
Potassium	39-2	1895019	1885301	1879633	1886651	0.41	cps
Rhodium	103-1	13797791	13680257	13542880	13673643	0.93	cps
Rhodium	103-2	8416214	8476340	8394633	8429062	0.50	cps
Scandium	45-1	8046670	8003549	7990152	8013457	0.37	cps
Scandium	45-2	717025	719833	715818	717559	0.29	cps
Selenium	82-1	250	220	166	212	20.02	cps
Selenium	77-2	103	123	93	107	14.32	cps
Selenium	78-2	603	603	643	617	3.74	cps
Silicon	28-1	10857114	10996554	11021537	10958402	0.81	cps
Silver	107-1	3150	3200	3114	3155	1.38	cps
Silver	109-1	2887	2880	2914	2894	0.61	cps
Sodium	23-2	55396	54867	54643	54969	0.70	cps
Strontium	86-1	132543	133754	132301	132866	0.59	cps
Strontium	88-1	1144284	1153113	1148807	1148735	0.38	cps
Sulfur	34-1	160482	162632	162335	161816	0.72	cps
Terbium	159-1	18489730	18598656	18282658	18457014	0.87	cps
Terbium	159-2	13422494	13036909	13139262	13199555	1.51	cps
Thallium	203-1	1717	1667	1703	1696	1.53	cps
Thallium	205-1	4327	4354	4041	4241	4.10	cps
Tin	118-1	38518	38281	39265	38688	1.33	cps
Titanium	47-1	177902	178632	175433	177322	0.95	cps

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

P5172-20LX5

Instrumnet Name :

P7

Client Sample ID :

MYCZ38L

Dilution Factor :

5

Date & Time Acquired :

2024-12-18 16:02:37

DataFile Name :

047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	8169	8136	8393	8233	1.70	cps
Vanadium	51-2	133662	133437	133840	133646	0.15	cps
Yttrium	89-1	17642219	17640900	17678687	17653935	0.12	cps
Yttrium	89-2	5060499	5018603	4950216	5009773	1.11	cps
Zinc	66-2	156456	156446	156264	156389	0.07	cps
Zirconium	90-1	69092	70810	69333	69745	1.33	cps
Zirconium	91-1	15482	15618	15401	15500	0.71	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : P5172-22 Instrumnet Name : P7
Client Sample ID : MYCZ38S Dilution Factor : 1
Date & Time Acquired : 2024-12-18 16:05:44 DataFile Name : 048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13491516	13516328	13445446	13484430	0.27	cps
Antimony	121-1	1136879	1141017	1134336	1137411	0.30	cps
Arsenic	75-2	87710	87707	88921	88113	0.79	cps
Barium	135-1	7626126	7646854	7626292	7633091	0.16	cps
Barium	137-1	13195819	13152373	13127923	13158705	0.26	cps
Beryllium	9-1	56041	54893	56097	55677	1.22	cps
Bismuth	209-1	11261602	11462167	11202184	11308651	1.20	cps
Bismuth	209-2	9418845	9435536	9361654	9405345	0.41	cps
Bromine	81-1	17334	17654	17727	17572	1.19	cps
Bromine	81-2	790	610	647	682	13.94	cps
Cadmium	108-1	10597	10514	10464	10525	0.64	cps
Cadmium	106-1	19426	19330	19570	19442	0.62	cps
Cadmium	111-1	159994	159699	159605	159766	0.13	cps
Calcium	43-1	1003264	1002685	997044	1000998	0.34	cps
Calcium	44-1	15739886	15699565	15646762	15695404	0.30	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1265498	1252328	1260947	1259591	0.53	cps
Cobalt	59-2	3761233	3746340	3720850	3742807	0.55	cps
Copper	63-2	2770869	2750152	2719939	2746986	0.93	cps
Dysprosium	156-1	142605	143635	142841	143027	0.38	cps
Dysprosium	156-2	127008	129954	127959	128307	1.17	cps
Erbium	164-1	121523	121892	121116	121510	0.32	cps
Erbium	164-2	88927	90779	88494	89400	1.36	cps
Gadolinium	160-1	137466	137763	136709	137313	0.40	cps
Gadolinium	160-2	104902	105530	105940	105457	0.50	cps
Holmium	165-1	18251297	18625352	17982947	18286532	1.76	cps
Holmium	165-2	13110159	13416978	13013814	13180317	1.60	cps
Indium	115-1	14947665	15178268	14688112	14938015	1.64	cps
Indium	115-2	5663856	5676629	5719449	5686645	0.51	cps
Iron	56-2	452909327	446756260	449755727	449807104	0.68	cps
Iron	57-2	11012634	11108455	10928757	11016615	0.82	cps
Iron	54-2	24478172	24043568	24100922	24207554	0.98	cps
Krypton	83-1	400	367	360	376	5.71	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : P5172-22 Instrumnet Name : P7
Client Sample ID : MYCZ38S Dilution Factor : 1
Date & Time Acquired : 2024-12-18 16:05:44 DataFile Name : 048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2718954	2850712	2731279	2766981	2.63	cps
Lead	207-1	2502231	2489307	2480328	2490622	0.44	cps
Lead	208-1	11259254	11268379	11202488	11243374	0.32	cps
Lithium	6-1	1814094	1827005	1770006	1803702	1.66	cps
Magnesium	24-2	9711289	9711419	9542407	9655039	1.01	cps
Manganese	55-2	11114699	10997569	11101374	11071214	0.58	cps
Molybdenum	94-1	130841	131476	129018	130445	0.98	cps
Molybdenum	95-1	6245	6111	6018	6125	1.86	cps
Molybdenum	96-1	32787	32593	32770	32717	0.33	cps
Molybdenum	97-1	3881	4057	3727	3888	4.25	cps
Molybdenum	98-1	9687	9973	9697	9786	1.66	cps
Neodymium	150-1	253358	252934	255087	253793	0.45	cps
Neodymium	150-2	159104	159386	157928	158806	0.49	cps
Nickel	60-2	1028450	1032978	1030135	1030521	0.22	cps
Phosphorus	31-2	48306	49533	48594	48811	1.31	cps
Potassium	39-2	8864465	8806307	8897182	8855984	0.52	cps
Rhodium	103-1	13579058	13804651	13575970	13653226	0.96	cps
Rhodium	103-2	8212481	8330945	8318172	8287199	0.78	cps
Scandium	45-1	8350732	8447471	8262907	8353703	1.11	cps
Scandium	45-2	738329	732779	738633	736580	0.45	cps
Selenium	82-1	17840	17676	17802	17773	0.48	cps
Selenium	77-2	2337	2307	2464	2369	3.51	cps
Selenium	78-2	7409	7385	7329	7374	0.56	cps
Silicon	28-1	49393208	50103261	49570991	49689153	0.74	cps
Silver	107-1	673260	676455	677511	675742	0.33	cps
Silver	109-1	636604	649346	644084	643345	1.00	cps
Sodium	23-2	138257	138455	138378	138363	0.07	cps
Strontium	86-1	646508	645161	641883	644517	0.37	cps
Strontium	88-1	5697360	5722254	5649350	5689655	0.65	cps
Sulfur	34-1	221508	221116	217942	220189	0.89	cps
Terbium	159-1	19087121	19221751	18618146	18975673	1.67	cps
Terbium	159-2	13276146	13179726	13121874	13192582	0.59	cps
Thallium	203-1	543651	544934	538823	542469	0.59	cps
Thallium	205-1	1287468	1287432	1283718	1286206	0.17	cps
Tin	118-1	165484	163453	162242	163727	1.00	cps
Titanium	47-1	862493	864230	861080	862601	0.18	cps

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

P5172-22

Instrumnet Name :

P7

Client Sample ID :

MYCZ38S

Dilution Factor :

1

Date & Time Acquired :

2024-12-18 16:05:44

DataFile Name :

048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	40635	41254	40716	40868	0.82	cps
Vanadium	51-2	2622518	2593653	2586400	2600857	0.73	cps
Yttrium	89-1	19347621	19332721	18982212	19220851	1.08	cps
Yttrium	89-2	5457567	5408466	5393027	5419687	0.62	cps
Zinc	66-2	1145402	1144437	1138850	1142896	0.31	cps
Zirconium	90-1	349855	345748	344456	346686	0.81	cps
Zirconium	91-1	76819	77436	78288	77514	0.95	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : P5172-20MS Instrumnet Name : P7
Client Sample ID : MYCZ38SRE Dilution Factor : 1
Date & Time Acquired : 2024-12-18 16:08:44 DataFile Name : 049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14736119	14707916	14664407	14702814	0.25	cps
Antimony	121-1	4722935	4728017	4689928	4713627	0.44	cps
Arsenic	75-2	161177	162697	160608	161494	0.67	cps
Barium	135-1	25684670	25303937	25343974	25444194	0.82	cps
Barium	137-1	44099133	43712946	43727258	43846445	0.50	cps
Beryllium	9-1	229261	227797	229186	228748	0.36	cps
Bismuth	209-1	11374257	11306618	11306389	11329088	0.35	cps
Bismuth	209-2	9455287	9507983	9428232	9463834	0.43	cps
Bromine	81-1	17263	17490	17314	17356	0.69	cps
Bromine	81-2	700	840	793	778	9.17	cps
Cadmium	108-1	39694	39748	40533	39992	1.17	cps
Cadmium	106-1	60288	58999	59789	59692	1.09	cps
Cadmium	111-1	607703	603376	599254	603444	0.70	cps
Calcium	43-1	959024	949565	944743	951111	0.76	cps
Calcium	44-1	14843414	14928839	14598055	14790103	1.16	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4055948	4023467	4055404	4044940	0.46	cps
Cobalt	59-2	14787509	14703616	14817130	14769419	0.40	cps
Copper	63-2	6240388	6132150	6163757	6178765	0.90	cps
Dysprosium	156-1	143955	145787	144369	144704	0.66	cps
Dysprosium	156-2	131078	130523	131916	131172	0.53	cps
Erbium	164-1	123055	121563	122501	122373	0.62	cps
Erbium	164-2	92332	90765	91883	91660	0.88	cps
Gadolinium	160-1	139106	139216	137691	138671	0.61	cps
Gadolinium	160-2	107726	108002	105449	107059	1.31	cps
Holmium	165-1	18467186	17881628	18144259	18164357	1.61	cps
Holmium	165-2	13058975	13278161	13212279	13183138	0.85	cps
Indium	115-1	14873476	14630282	14539907	14681222	1.18	cps
Indium	115-2	5610119	5658343	5634525	5634329	0.43	cps
Iron	56-2	446580327	445914060	448467193	446987193	0.30	cps
Iron	57-2	10966999	10920047	10905479	10930842	0.29	cps
Iron	54-2	24191256	24137525	23876255	24068345	0.70	cps
Krypton	83-1	313	447	430	397	18.32	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : P5172-20MS Instrumnet Name : P7
Client Sample ID : MYCZ38SRE Dilution Factor : 1
Date & Time Acquired : 2024-12-18 16:08:44 DataFile Name : 049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2818970	2815294	2761024	2798430	1.16	cps
Lead	207-1	2430191	2438503	2456462	2441719	0.55	cps
Lead	208-1	11174744	11079864	11045141	11099916	0.60	cps
Lithium	6-1	1789131	1799952	1795849	1794977	0.30	cps
Magnesium	24-2	9395126	9442727	9403831	9413895	0.27	cps
Manganese	55-2	15944870	16073127	16046631	16021543	0.42	cps
Molybdenum	94-1	138733	141661	141082	140492	1.10	cps
Molybdenum	95-1	6505	6385	6411	6434	0.98	cps
Molybdenum	96-1	34965	34441	34461	34622	0.86	cps
Molybdenum	97-1	3931	3947	3667	3848	4.08	cps
Molybdenum	98-1	10601	10220	10334	10385	1.88	cps
Neodymium	150-1	259763	257458	255740	257654	0.78	cps
Neodymium	150-2	162067	159475	160128	160557	0.84	cps
Nickel	60-2	3883425	3892360	3844137	3873307	0.66	cps
Phosphorus	31-2	48309	48426	48496	48411	0.20	cps
Potassium	39-2	8449891	8403502	8346747	8400047	0.61	cps
Rhodium	103-1	13595989	13341919	13478841	13472250	0.94	cps
Rhodium	103-2	8215481	8174689	8228429	8206200	0.34	cps
Scandium	45-1	8261449	8182326	8048619	8164131	1.32	cps
Scandium	45-2	718716	722187	719188	720030	0.26	cps
Selenium	82-1	81150	82054	80907	81370	0.74	cps
Selenium	77-2	9587	9717	9436	9580	1.46	cps
Selenium	78-2	31590	30972	31166	31243	1.01	cps
Silicon	28-1	46203494	45224211	46321458	45916388	1.31	cps
Silver	107-1	1446510	1652834	1616849	1572064	7.01	cps
Silver	109-1	2003245	1542572	1949235	1831684	13.75	cps
Sodium	23-2	143599	147075	142882	144519	1.55	cps
Strontium	86-1	595170	586607	586405	589394	0.85	cps
Strontium	88-1	5261126	5171129	5218753	5217003	0.86	cps
Sulfur	34-1	209323	210037	207871	209077	0.53	cps
Terbium	159-1	18810723	18636980	18474521	18640741	0.90	cps
Terbium	159-2	13157025	13296181	13155466	13202891	0.61	cps
Thallium	203-1	2313204	2315956	2328322	2319161	0.35	cps
Thallium	205-1	5569546	5618413	5484070	5557343	1.22	cps
Tin	118-1	63785	64359	59954	62700	3.82	cps
Titanium	47-1	778030	774487	769943	774153	0.52	cps

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

P5172-20MS

Instrumnet Name :

P7

Client Sample ID :

MYCZ38SRE

Dilution Factor :

1

Date & Time Acquired :

2024-12-18 16:08:44

DataFile Name :

049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	42116	42538	42685	42446	0.70	cps
Vanadium	51-2	8705442	8640123	8652211	8665925	0.40	cps
Yttrium	89-1	19192051	18853833	18589301	18878395	1.60	cps
Yttrium	89-2	5344643	5352582	5290879	5329368	0.63	cps
Zinc	66-2	2451759	2420534	2424973	2432422	0.69	cps
Zirconium	90-1	373884	369921	367674	370493	0.85	cps
Zirconium	91-1	83090	83442	82175	82902	0.79	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : P5173-20 Instrumnet Name : P7
Client Sample ID : MYCZ58 Dilution Factor : 1
Date & Time Acquired : 2024-12-18 16:11:35 DataFile Name : 050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10821925	10864577	10860627	10849043	0.22	cps
Antimony	121-1	11688	11425	11768	11627	1.55	cps
Arsenic	75-2	85524	86118	84187	85276	1.16	cps
Barium	135-1	1083679	1090391	1081320	1085130	0.43	cps
Barium	137-1	1937397	1909781	1901436	1916205	0.98	cps
Beryllium	9-1	1637	1757	1783	1726	4.53	cps
Bismuth	209-1	11553470	11260291	11133504	11315755	1.90	cps
Bismuth	209-2	9578598	9626278	9473789	9559555	0.82	cps
Bromine	81-1	17777	18582	18709	18356	2.75	cps
Bromine	81-2	623	693	700	672	6.32	cps
Cadmium	108-1	550	647	600	599	8.07	cps
Cadmium	106-1	5598	5548	5464	5537	1.22	cps
Cadmium	111-1	9021	9232	8829	9028	2.23	cps
Calcium	43-1	465206	465000	467444	465883	0.29	cps
Calcium	44-1	7196441	7220174	7183892	7200169	0.26	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	345015	345829	346035	345626	0.16	cps
Cobalt	59-2	366944	367218	365997	366720	0.17	cps
Copper	63-2	773697	777716	773949	775120	0.29	cps
Dysprosium	156-1	113494	116840	116592	115642	1.61	cps
Dysprosium	156-2	103451	101893	102268	102537	0.79	cps
Erbium	164-1	98037	97973	97363	97791	0.38	cps
Erbium	164-2	73043	72708	72838	72863	0.23	cps
Gadolinium	160-1	110727	110904	109799	110477	0.54	cps
Gadolinium	160-2	85291	84660	85274	85075	0.42	cps
Holmium	165-1	18669940	18411884	18300137	18460653	1.03	cps
Holmium	165-2	13342841	13380205	13153946	13292331	0.91	cps
Indium	115-1	15043018	14917559	14769725	14910101	0.92	cps
Indium	115-2	5751464	5726827	5721427	5733240	0.28	cps
Iron	56-2	498654793	499086139	491727366	496489433	0.83	cps
Iron	57-2	12155200	12282258	12303051	12246836	0.65	cps
Iron	54-2	26592778	26926585	26552496	26690620	0.77	cps
Krypton	83-1	420	353	293	356	17.82	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : P5173-20 Instrumnet Name : P7
Client Sample ID : MYCZ58 Dilution Factor : 1
Date & Time Acquired : 2024-12-18 16:11:35 DataFile Name : 050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1706765	1709816	1716190	1710924	0.28	cps
Lead	207-1	1474494	1476921	1478572	1476662	0.14	cps
Lead	208-1	6969563	6903370	6931783	6934906	0.48	cps
Lithium	6-1	1822666	1822280	1780785	1808577	1.33	cps
Magnesium	24-2	7888728	7855311	7907284	7883774	0.33	cps
Manganese	55-2	7031309	7089008	7025413	7048576	0.50	cps
Molybdenum	94-1	91457	92419	91238	91705	0.69	cps
Molybdenum	95-1	9717	10017	9650	9794	2.00	cps
Molybdenum	96-1	30241	30933	30047	30407	1.53	cps
Molybdenum	97-1	6025	6088	5951	6021	1.14	cps
Molybdenum	98-1	15602	15665	15355	15541	1.05	cps
Neodymium	150-1	196790	194245	193259	194764	0.94	cps
Neodymium	150-2	122918	122897	122685	122833	0.10	cps
Nickel	60-2	107454	108280	106572	107435	0.80	cps
Phosphorus	31-2	48329	48884	48453	48556	0.60	cps
Potassium	39-2	7354124	7432163	7398880	7395056	0.53	cps
Rhodium	103-1	13859374	13788510	13558811	13735565	1.14	cps
Rhodium	103-2	8468550	8343753	8324190	8378831	0.93	cps
Scandium	45-1	8268036	8266270	8143185	8225830	0.87	cps
Scandium	45-2	733708	735999	736868	735525	0.22	cps
Selenium	82-1	421	526	601	516	17.51	cps
Selenium	77-2	380	313	320	338	10.87	cps
Selenium	78-2	810	837	817	821	1.69	cps
Silicon	28-1	31009366	30032730	30455368	30499155	1.61	cps
Silver	107-1	11271	11445	12008	11575	3.33	cps
Silver	109-1	11485	11024	11124	11211	2.16	cps
Sodium	23-2	207873	209181	208745	208600	0.32	cps
Strontium	86-1	298838	301127	299350	299772	0.40	cps
Strontium	88-1	2669171	2650098	2675009	2664759	0.49	cps
Sulfur	34-1	193661	192934	194222	193606	0.33	cps
Terbium	159-1	19176405	18931309	18700634	18936116	1.26	cps
Terbium	159-2	13493565	13589271	13500362	13527733	0.39	cps
Thallium	203-1	4778	4778	4581	4712	2.41	cps
Thallium	205-1	11588	10924	10764	11092	3.94	cps
Tin	118-1	13297	13436	12879	13204	2.20	cps
Titanium	47-1	1753572	1784722	1758733	1765676	0.95	cps

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

P5173-20

Instrumnet Name :

P7

Client Sample ID :

MYCZ58

Dilution Factor :

1

Date & Time Acquired :

2024-12-18 16:11:35

DataFile Name :

050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	46210	45819	45933	45987	0.44	cps
Vanadium	51-2	747545	755323	749189	750686	0.55	cps
Yttrium	89-1	18786180	18927535	18860713	18858142	0.37	cps
Yttrium	89-2	5335449	5364939	5281131	5327173	0.80	cps
Zinc	66-2	482483	485673	482376	483511	0.39	cps
Zirconium	90-1	233738	236210	235183	235044	0.53	cps
Zirconium	91-1	52236	51533	51798	51856	0.68	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : P5173-21 Instrumnet Name : P7
Client Sample ID : MYCZ58D Dilution Factor : 1
Date & Time Acquired : 2024-12-18 16:14:41 DataFile Name : 051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11227482	11342677	11289526	11286562	0.51	cps
Antimony	121-1	10657	10661	10567	10628	0.50	cps
Arsenic	75-2	84090	83215	84633	83979	0.85	cps
Barium	135-1	1110545	1116668	1107687	1111634	0.41	cps
Barium	137-1	2005379	1977814	1991783	1991659	0.69	cps
Beryllium	9-1	1730	1853	1937	1840	5.65	cps
Bismuth	209-1	11791663	11379107	11256753	11475841	2.44	cps
Bismuth	209-2	9692294	9571959	9714917	9659723	0.80	cps
Bromine	81-1	18695	18629	18258	18527	1.27	cps
Bromine	81-2	653	690	717	687	4.63	cps
Cadmium	108-1	740	583	670	664	11.81	cps
Cadmium	106-1	5441	5484	5291	5406	1.88	cps
Cadmium	111-1	8892	9295	8873	9020	2.65	cps
Calcium	43-1	479229	482061	477670	479654	0.46	cps
Calcium	44-1	7561103	7585026	7539247	7561792	0.30	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	363402	364602	364799	364267	0.21	cps
Cobalt	59-2	366095	368896	364271	366421	0.64	cps
Copper	63-2	800470	806318	804896	803895	0.38	cps
Dysprosium	156-1	117772	119408	119069	118750	0.73	cps
Dysprosium	156-2	104448	104633	105939	105007	0.77	cps
Erbium	164-1	99192	100400	99440	99677	0.64	cps
Erbium	164-2	74464	72996	74681	74047	1.24	cps
Gadolinium	160-1	115380	113428	112540	113783	1.28	cps
Gadolinium	160-2	87095	86562	86538	86732	0.36	cps
Holmium	165-1	18786911	18374959	18001724	18387865	2.14	cps
Holmium	165-2	13356643	13458936	13559569	13458382	0.75	cps
Indium	115-1	15388583	15020614	14958387	15122528	1.54	cps
Indium	115-2	5774314	5742246	5708120	5741560	0.58	cps
Iron	56-2	509956752	503189753	513125326	508757277	1.00	cps
Iron	57-2	12546677	12534057	12613104	12564613	0.34	cps
Iron	54-2	27539088	27547560	27668855	27585168	0.26	cps
Krypton	83-1	360	397	390	382	5.11	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : P5173-21 Instrumnet Name : P7
Client Sample ID : MYCZ58D Dilution Factor : 1
Date & Time Acquired : 2024-12-18 16:14:41 DataFile Name : 051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1703435	1712806	1695075	1703772	0.52	cps
Lead	207-1	1474550	1490605	1462350	1475835	0.96	cps
Lead	208-1	6959375	6925579	6845608	6910187	0.85	cps
Lithium	6-1	1896142	1833808	1817448	1849133	2.25	cps
Magnesium	24-2	8159164	8210019	8203044	8190742	0.34	cps
Manganese	55-2	7242524	7229415	7241564	7237834	0.10	cps
Molybdenum	94-1	94894	95009	94197	94700	0.46	cps
Molybdenum	95-1	9617	9947	9476	9680	2.49	cps
Molybdenum	96-1	31504	31233	30933	31223	0.92	cps
Molybdenum	97-1	5828	6238	6301	6122	4.20	cps
Molybdenum	98-1	15388	15695	14761	15281	3.12	cps
Neodymium	150-1	199474	200894	201827	200732	0.59	cps
Neodymium	150-2	126343	126064	125412	125940	0.38	cps
Nickel	60-2	106635	107294	108173	107367	0.72	cps
Phosphorus	31-2	49884	49714	49018	49539	0.93	cps
Potassium	39-2	7656632	7666836	7573113	7632194	0.67	cps
Rhodium	103-1	14284156	13679643	13691785	13885195	2.49	cps
Rhodium	103-2	8371316	8423197	8406932	8400482	0.32	cps
Scandium	45-1	8593791	8241535	8309545	8381624	2.23	cps
Scandium	45-2	742497	737258	739014	739590	0.36	cps
Selenium	82-1	523	542	512	526	2.81	cps
Selenium	77-2	310	343	333	329	5.20	cps
Selenium	78-2	817	900	903	873	5.62	cps
Silicon	28-1	31075479	30858127	30750871	30894826	0.54	cps
Silver	107-1	10417	10214	10237	10289	1.08	cps
Silver	109-1	10157	10074	9823	10018	1.73	cps
Sodium	23-2	215822	213012	214239	214358	0.66	cps
Strontium	86-1	307866	306936	310881	308561	0.67	cps
Strontium	88-1	2741387	2728303	2737227	2735639	0.24	cps
Sulfur	34-1	195247	195956	194052	195085	0.49	cps
Terbium	159-1	19490056	19177138	18831585	19166260	1.72	cps
Terbium	159-2	13477285	13375852	13433854	13428997	0.38	cps
Thallium	203-1	4614	4721	4594	4643	1.47	cps
Thallium	205-1	10644	11058	10924	10876	1.94	cps
Tin	118-1	18879	19348	19113	19113	1.23	cps
Titanium	47-1	1872069	1884566	1876722	1877786	0.34	cps

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

P5173-21

Instrumnet Name :

P7

Client Sample ID :

MYCZ58D

Dilution Factor :

1

Date & Time Acquired :

2024-12-18 16:14:41

DataFile Name :

051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	47575	47180	46033	46929	1.71	cps
Vanadium	51-2	772747	778672	777842	776420	0.41	cps
Yttrium	89-1	19364591	18984543	18784729	19044621	1.55	cps
Yttrium	89-2	5394723	5380491	5319440	5364885	0.75	cps
Zinc	66-2	489126	493099	494161	492129	0.54	cps
Zirconium	90-1	240137	243903	239976	241338	0.92	cps
Zirconium	91-1	53547	54327	55136	54337	1.46	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : P5173-20LX5 Instrumnet Name : P7
Client Sample ID : MYCZ58L Dilution Factor : 5
Date & Time Acquired : 2024-12-18 16:17:45 DataFile Name : 052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2255794	2202739	2211890	2223474	1.28	cps
Antimony	121-1	2404	2410	2300	2371	2.60	cps
Arsenic	75-2	17911	17137	16896	17315	3.06	cps
Barium	135-1	215767	215669	216321	215919	0.16	cps
Barium	137-1	369622	375596	374011	373076	0.83	cps
Beryllium	9-1	423	383	427	411	5.87	cps
Bismuth	209-1	11504644	11063742	11141892	11236759	2.09	cps
Bismuth	209-2	9526651	9420031	9495246	9480643	0.58	cps
Bromine	81-1	17110	17210	16997	17106	0.62	cps
Bromine	81-2	210	237	230	226	6.15	cps
Cadmium	108-1	127	150	100	126	19.93	cps
Cadmium	106-1	4637	4011	4311	4320	7.26	cps
Cadmium	111-1	4304	3849	4164	4106	5.68	cps
Calcium	43-1	93023	94928	95672	94541	1.45	cps
Calcium	44-1	1478115	1483902	1483771	1481929	0.22	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	72115	71619	71197	71644	0.64	cps
Cobalt	59-2	75478	75847	74540	75288	0.89	cps
Copper	63-2	162572	160059	158670	160434	1.23	cps
Dysprosium	156-1	23480	22264	22401	22715	2.93	cps
Dysprosium	156-2	20722	20488	20228	20479	1.21	cps
Erbium	164-1	18950	19257	19243	19150	0.91	cps
Erbium	164-2	14361	14664	14134	14386	1.85	cps
Gadolinium	160-1	21637	22375	22041	22017	1.68	cps
Gadolinium	160-2	17368	17775	16850	17331	2.67	cps
Holmium	165-1	18574777	17728608	17739628	18014338	2.69	cps
Holmium	165-2	13211764	13058174	13035241	13101726	0.73	cps
Indium	115-1	15459460	14873616	14649919	14994332	2.79	cps
Indium	115-2	5699304	5815489	5688010	5734268	1.23	cps
Iron	56-2	101006308	101270412	101288375	101188365	0.16	cps
Iron	57-2	2483541	2454053	2514531	2484042	1.22	cps
Iron	54-2	5501234	5498039	5467781	5489018	0.34	cps
Krypton	83-1	203	280	227	237	16.61	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : P5173-20LX5 Instrumnet Name : P7
Client Sample ID : MYCZ58L Dilution Factor : 5
Date & Time Acquired : 2024-12-18 16:17:45 DataFile Name : 052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	341288	341089	341200	341192	0.03	cps
Lead	207-1	290235	294367	291773	292125	0.71	cps
Lead	208-1	1332514	1342025	1339355	1337965	0.37	cps
Lithium	6-1	1899581	1816741	1771721	1829348	3.55	cps
Magnesium	24-2	1613332	1644090	1596739	1618054	1.48	cps
Manganese	55-2	1426176	1419704	1442695	1429525	0.83	cps
Molybdenum	94-1	18492	18265	18699	18485	1.17	cps
Molybdenum	95-1	2007	2000	2044	2017	1.16	cps
Molybdenum	96-1	5885	6165	6171	6074	2.70	cps
Molybdenum	97-1	1277	1267	1200	1248	3.34	cps
Molybdenum	98-1	2977	3090	3337	3135	5.87	cps
Neodymium	150-1	38295	39097	39091	38828	1.19	cps
Neodymium	150-2	24929	24698	23997	24541	1.98	cps
Nickel	60-2	22457	22420	22487	22455	0.15	cps
Phosphorus	31-2	10220	10103	10330	10218	1.11	cps
Potassium	39-2	1561261	1551079	1584781	1565707	1.10	cps
Rhodium	103-1	14265576	13771404	13770631	13935870	2.05	cps
Rhodium	103-2	8515764	8427495	8284994	8409418	1.38	cps
Scandium	45-1	8432672	8034913	7968598	8145394	3.08	cps
Scandium	45-2	717983	717507	711402	715631	0.51	cps
Selenium	82-1	353	257	271	294	17.75	cps
Selenium	77-2	50	90	53	64	34.44	cps
Selenium	78-2	607	660	493	587	14.51	cps
Silicon	28-1	6777149	6913788	6892804	6861247	1.07	cps
Silver	107-1	2407	2404	2377	2396	0.69	cps
Silver	109-1	2214	2150	2260	2208	2.50	cps
Sodium	23-2	68970	67062	68183	68072	1.41	cps
Strontium	86-1	59212	60473	61113	60266	1.61	cps
Strontium	88-1	516010	523789	525699	521833	0.98	cps
Sulfur	34-1	160600	160832	161072	160835	0.15	cps
Terbium	159-1	18961202	18595238	18322052	18626164	1.72	cps
Terbium	159-2	13219966	13398027	13134098	13250697	1.02	cps
Thallium	203-1	1723	1717	1557	1666	5.67	cps
Thallium	205-1	4054	3874	3847	3925	2.86	cps
Tin	118-1	5014	4931	5041	4995	1.15	cps
Titanium	47-1	343336	349783	348652	347257	0.99	cps

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

P5173-20LX5

Instrumnet Name :

P7

Client Sample ID :

MYCZ58L

Dilution Factor :

5

Date & Time Acquired :

2024-12-18 16:17:45

DataFile Name :

052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	8673	8870	9203	8915	3.01	cps
Vanadium	51-2	152384	152380	152915	152560	0.20	cps
Yttrium	89-1	18485457	17682632	17601351	17923147	2.73	cps
Yttrium	89-2	5101711	4956476	4978386	5012191	1.56	cps
Zinc	66-2	100988	100290	100267	100515	0.41	cps
Zirconium	90-1	47008	47346	47818	47391	0.86	cps
Zirconium	91-1	10330	10584	10701	10538	1.80	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : P5173-22 Instrumnet Name : P7
Client Sample ID : MYCZ58S Dilution Factor : 1
Date & Time Acquired : 2024-12-18 16:20:55 DataFile Name : 053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11495866	11475139	11274302	11415102	1.07	cps
Antimony	121-1	1083121	1094690	1091001	1089604	0.54	cps
Arsenic	75-2	107143	108795	106928	107622	0.95	cps
Barium	135-1	6515062	6531147	6472979	6506396	0.46	cps
Barium	137-1	11115673	11331835	11230203	11225904	0.96	cps
Beryllium	9-1	52589	52392	53579	52853	1.20	cps
Bismuth	209-1	11608496	11155523	11134711	11299577	2.37	cps
Bismuth	209-2	9466276	9421134	9409604	9432338	0.32	cps
Bromine	81-1	17554	17828	18108	17830	1.55	cps
Bromine	81-2	650	677	683	670	2.63	cps
Cadmium	108-1	9640	10024	9803	9822	1.96	cps
Cadmium	106-1	18228	18128	17811	18056	1.21	cps
Cadmium	111-1	150841	149496	149286	149875	0.56	cps
Calcium	43-1	464968	466790	468612	466790	0.39	cps
Calcium	44-1	7220782	7357902	7313326	7297337	0.96	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1201514	1181640	1187642	1190265	0.86	cps
Cobalt	59-2	3722067	3670116	3665525	3685903	0.85	cps
Copper	63-2	1928918	1915378	1926071	1923456	0.37	cps
Dysprosium	156-1	113400	115131	113806	114112	0.79	cps
Dysprosium	156-2	101473	102386	102520	102126	0.56	cps
Erbium	164-1	95383	97614	98010	97002	1.46	cps
Erbium	164-2	72457	71944	70175	71525	1.67	cps
Gadolinium	160-1	108076	109543	108858	108826	0.67	cps
Gadolinium	160-2	83416	83886	83624	83642	0.28	cps
Holmium	165-1	18516673	18055082	17914606	18162120	1.73	cps
Holmium	165-2	13048070	13135837	13029141	13071016	0.44	cps
Indium	115-1	15368942	14893783	14775024	15012583	2.09	cps
Indium	115-2	5735778	5618608	5671343	5675243	1.03	cps
Iron	56-2	502602593	496774913	499064246	499480584	0.59	cps
Iron	57-2	12250501	12223206	12294449	12256052	0.29	cps
Iron	54-2	27403295	26840750	26753351	26999132	1.31	cps
Krypton	83-1	360	313	350	341	7.20	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : P5173-22 Instrumnet Name : P7
Client Sample ID : MYCZ58S Dilution Factor : 1
Date & Time Acquired : 2024-12-18 16:20:55 DataFile Name : 053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1894790	1961075	1926168	1927344	1.72	cps
Lead	207-1	1567653	1605070	1597231	1589985	1.24	cps
Lead	208-1	7478854	7608542	7549337	7545578	0.86	cps
Lithium	6-1	1840569	1788606	1762303	1797159	2.22	cps
Magnesium	24-2	7969421	7925528	7850196	7915049	0.76	cps
Manganese	55-2	8793134	8670184	8664814	8709377	0.83	cps
Molybdenum	94-1	89887	92037	90698	90874	1.19	cps
Molybdenum	95-1	9797	9440	9697	9644	1.91	cps
Molybdenum	96-1	30619	30682	30325	30542	0.62	cps
Molybdenum	97-1	6098	6325	6025	6149	2.54	cps
Molybdenum	98-1	14971	15568	15945	15495	3.17	cps
Neodymium	150-1	191769	195279	195310	194119	1.05	cps
Neodymium	150-2	122412	121330	120937	121560	0.63	cps
Nickel	60-2	933686	928758	921588	928011	0.66	cps
Phosphorus	31-2	49272	49349	48326	48983	1.16	cps
Potassium	39-2	7515413	7484856	7402470	7467580	0.78	cps
Rhodium	103-1	14102600	13578812	13589304	13756905	2.18	cps
Rhodium	103-2	8167355	8207533	8361350	8245413	1.24	cps
Scandium	45-1	8558294	8166462	8132885	8285880	2.85	cps
Scandium	45-2	734938	725812	736710	732487	0.80	cps
Selenium	82-1	18388	18413	18039	18280	1.14	cps
Selenium	77-2	2337	2367	2467	2390	2.85	cps
Selenium	78-2	7455	7609	7445	7503	1.22	cps
Silicon	28-1	30380321	30586285	30457248	30474618	0.34	cps
Silver	107-1	639982	659495	653498	650992	1.54	cps
Silver	109-1	616560	631530	620420	622837	1.25	cps
Sodium	23-2	209472	207850	207323	208215	0.54	cps
Strontium	86-1	296886	303324	299078	299763	1.09	cps
Strontium	88-1	2678011	2684470	2663417	2675299	0.40	cps
Sulfur	34-1	191433	192016	191048	191499	0.25	cps
Terbium	159-1	19475354	18802856	18433211	18903807	2.79	cps
Terbium	159-2	12927889	13119114	13215666	13087556	1.12	cps
Thallium	203-1	511925	519238	519378	516847	0.82	cps
Thallium	205-1	1216513	1231322	1234665	1227500	0.79	cps
Tin	118-1	13423	13727	13697	13615	1.23	cps
Titanium	47-1	1786623	1793740	1768917	1783093	0.72	cps

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

P5173-22

Instrumnet Name :

P7

Client Sample ID :

MYCZ58S

Dilution Factor :

1

Date & Time Acquired :

2024-12-18 16:20:55

DataFile Name :

053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	44678	45892	45063	45211	1.37	cps
Vanadium	51-2	2702576	2640364	2642078	2661673	1.33	cps
Yttrium	89-1	19403961	18803183	18779040	18995394	1.86	cps
Yttrium	89-2	5238126	5256009	5371509	5288548	1.37	cps
Zinc	66-2	886631	886290	881923	884948	0.30	cps
Zirconium	90-1	231534	235059	232863	233152	0.76	cps
Zirconium	91-1	51737	52199	51634	51857	0.58	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : P5173-20MS Instrumnet Name : P7
Client Sample ID : MYCZ58SRE Dilution Factor : 1
Date & Time Acquired : 2024-12-18 16:23:52 DataFile Name : 054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12331371	12303169	12109983	12248174	0.98	cps
Antimony	121-1	4806000	4749822	4731223	4762348	0.82	cps
Arsenic	75-2	181404	179821	178145	179790	0.91	cps
Barium	135-1	24392913	24295997	23937575	24208829	0.99	cps
Barium	137-1	41917609	41775924	41261850	41651794	0.83	cps
Beryllium	9-1	222016	222987	221140	222048	0.42	cps
Bismuth	209-1	11411864	11186595	11151174	11249878	1.26	cps
Bismuth	209-2	9450146	9348605	9452207	9416986	0.63	cps
Bromine	81-1	17634	17370	17150	17385	1.39	cps
Bromine	81-2	707	750	673	710	5.41	cps
Cadmium	108-1	40513	40199	40326	40346	0.39	cps
Cadmium	106-1	59354	59929	59538	59607	0.49	cps
Cadmium	111-1	603712	611565	608613	607963	0.65	cps
Calcium	43-1	450310	449426	446026	448587	0.50	cps
Calcium	44-1	7103573	7008896	6866508	6992992	1.71	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3947620	3911687	3898791	3919366	0.65	cps
Cobalt	59-2	14411918	14445356	14276666	14377980	0.62	cps
Copper	63-2	5547697	5627464	5568275	5581145	0.74	cps
Dysprosium	156-1	111108	110759	111031	110966	0.17	cps
Dysprosium	156-2	98022	98102	100600	98908	1.48	cps
Erbium	164-1	94413	93433	94067	93971	0.53	cps
Erbium	164-2	69130	69562	68477	69056	0.79	cps
Gadolinium	160-1	106104	106531	106323	106319	0.20	cps
Gadolinium	160-2	82045	81432	81277	81585	0.50	cps
Holmium	165-1	18180554	17891960	17763742	17945419	1.19	cps
Holmium	165-2	13135131	12901724	13045516	13027457	0.90	cps
Indium	115-1	14894400	14599635	14542105	14678713	1.29	cps
Indium	115-2	5597420	5530664	5526649	5551578	0.72	cps
Iron	56-2	494424153	487683699	489313153	490473668	0.72	cps
Iron	57-2	12120637	12069269	12041238	12077048	0.33	cps
Iron	54-2	26758679	26366501	26605892	26577024	0.74	cps
Krypton	83-1	370	297	427	364	17.89	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : P5173-20MS Instrumnet Name : P7
Client Sample ID : MYCZ58SRE Dilution Factor : 1
Date & Time Acquired : 2024-12-18 16:23:52 DataFile Name : 054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2522197	2476454	2500832	2499827	0.92	cps
Lead	207-1	2127684	2123512	2135251	2128816	0.28	cps
Lead	208-1	9790037	9777241	9798883	9788720	0.11	cps
Lithium	6-1	1794424	1791659	1777528	1787870	0.51	cps
Magnesium	24-2	7642613	7636718	7491987	7590439	1.12	cps
Manganese	55-2	14055344	13874387	13874186	13934639	0.75	cps
Molybdenum	94-1	88851	88434	87530	88272	0.77	cps
Molybdenum	95-1	9813	9727	9376	9639	2.40	cps
Molybdenum	96-1	29553	30291	29219	29688	1.85	cps
Molybdenum	97-1	6071	6021	5941	6011	1.09	cps
Molybdenum	98-1	15495	15715	15188	15466	1.71	cps
Neodymium	150-1	189140	188576	189538	189085	0.26	cps
Neodymium	150-2	118124	118318	116816	117753	0.69	cps
Nickel	60-2	3740385	3726135	3710701	3725740	0.40	cps
Phosphorus	31-2	46260	45872	45354	45828	0.99	cps
Potassium	39-2	7021936	7019223	6943882	6995014	0.63	cps
Rhodium	103-1	13646079	13326603	13355149	13442610	1.32	cps
Rhodium	103-2	8163320	8041259	8029241	8077940	0.92	cps
Scandium	45-1	8245978	8073143	8096350	8138490	1.15	cps
Scandium	45-2	719317	707695	704546	710520	1.09	cps
Selenium	82-1	81864	81310	80219	81131	1.03	cps
Selenium	77-2	9390	9523	9163	9359	1.95	cps
Selenium	78-2	31630	30461	30074	30722	2.64	cps
Silicon	28-1	29825376	29613119	29076200	29504898	1.31	cps
Silver	107-1	1716748	1968060	2272143	1985650	14.01	cps
Silver	109-1	1821962	1706558	2021845	1850122	8.62	cps
Sodium	23-2	199923	200474	196642	199013	1.04	cps
Strontium	86-1	288309	290029	289168	289169	0.30	cps
Strontium	88-1	2600477	2594958	2567263	2587566	0.69	cps
Sulfur	34-1	187103	185932	184561	185866	0.68	cps
Terbium	159-1	18582038	18467743	18320775	18456852	0.71	cps
Terbium	159-2	13184590	12965988	12994904	13048494	0.91	cps
Thallium	203-1	2356900	2313293	2285228	2318474	1.56	cps
Thallium	205-1	5583921	5538888	5494171	5538993	0.81	cps
Tin	118-1	13813	13506	14635	13985	4.17	cps
Titanium	47-1	1731075	1710021	1710927	1717341	0.69	cps

LB Number :LB134003

Operator :Jaswal

Lab Sample ID :P5173-20MS

Instrumnet Name :P7

Client Sample ID :MYCZ58SRE

Dilution Factor :1

Date & Time Acquired :2024-12-18 16:23:52

DataFile Name :054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	44618	44177	44534	44443	0.53	cps
Vanadium	51-2	8586204	8550028	8427391	8521208	0.98	cps
Yttrium	89-1	18628898	18501384	18202796	18444359	1.19	cps
Yttrium	89-2	5188030	5139222	5136059	5154437	0.57	cps
Zinc	66-2	2248047	2244124	2233067	2241746	0.35	cps
Zirconium	90-1	226682	227022	221630	225111	1.34	cps
Zirconium	91-1	50052	50908	50279	50413	0.88	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : P5177-20 Instrumnet Name : P7
Client Sample ID : MYD021 Dilution Factor : 1
Date & Time Acquired : 2024-12-18 16:26:56 DataFile Name : 055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14518994	14404576	14485630	14469733	0.41	cps
Antimony	121-1	4724	4411	4251	4462	5.40	cps
Arsenic	75-2	61299	61289	61878	61489	0.55	cps
Barium	135-1	1170430	1182971	1180641	1178014	0.57	cps
Barium	137-1	2091520	2131176	2111317	2111338	0.94	cps
Beryllium	9-1	2334	2234	2287	2285	2.19	cps
Bismuth	209-1	11544853	11251717	11162912	11319827	1.77	cps
Bismuth	209-2	9445922	9388231	9291247	9375133	0.83	cps
Bromine	81-1	16813	17374	16826	17004	1.88	cps
Bromine	81-2	507	607	570	561	9.02	cps
Cadmium	108-1	297	377	343	339	11.86	cps
Cadmium	106-1	5108	5054	4944	5035	1.65	cps
Cadmium	111-1	5578	5605	5381	5521	2.21	cps
Calcium	43-1	1249036	1242140	1255657	1248945	0.54	cps
Calcium	44-1	20120044	20472590	20285748	20292794	0.87	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	353692	350166	352022	351960	0.50	cps
Cobalt	59-2	439782	438475	438984	439080	0.15	cps
Copper	63-2	703239	705233	703704	704059	0.15	cps
Dysprosium	156-1	136607	139770	139578	138652	1.28	cps
Dysprosium	156-2	122656	121785	122680	122374	0.42	cps
Erbium	164-1	122791	122014	121838	122214	0.41	cps
Erbium	164-2	89276	89971	90098	89782	0.49	cps
Gadolinium	160-1	133065	135978	135683	134909	1.19	cps
Gadolinium	160-2	103452	104616	102723	103597	0.92	cps
Holmium	165-1	18653393	18191744	18215935	18353691	1.42	cps
Holmium	165-2	13246001	13181473	13177070	13201515	0.29	cps
Indium	115-1	15064554	14880389	14865341	14936761	0.74	cps
Indium	115-2	5762943	5739131	5734721	5745598	0.26	cps
Iron	56-2	584828831	584104725	584184165	584372574	0.07	cps
Iron	57-2	14475158	14394823	14481844	14450608	0.34	cps
Iron	54-2	31541841	31738215	31433845	31571300	0.49	cps
Krypton	83-1	423	380	440	414	7.47	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : P5177-20 Instrumnet Name : P7
Client Sample ID : MYD021 Dilution Factor : 1
Date & Time Acquired : 2024-12-18 16:26:56 DataFile Name : 055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	441737	443335	439359	441477	0.45	cps
Lead	207-1	373816	376139	376202	375386	0.36	cps
Lead	208-1	1713183	1721845	1723196	1719408	0.32	cps
Lithium	6-1	1822023	1796952	1810237	1809737	0.69	cps
Magnesium	24-2	10336772	10307987	10291994	10312251	0.22	cps
Manganese	55-2	9427907	9374682	9406889	9403160	0.29	cps
Molybdenum	94-1	84810	86855	85289	85652	1.25	cps
Molybdenum	95-1	7392	7425	7532	7450	0.98	cps
Molybdenum	96-1	27469	27666	27489	27542	0.39	cps
Molybdenum	97-1	4581	4574	4808	4654	2.86	cps
Molybdenum	98-1	11388	11438	11391	11406	0.25	cps
Neodymium	150-1	229593	232330	233127	231683	0.80	cps
Neodymium	150-2	146027	147159	146697	146628	0.39	cps
Nickel	60-2	127470	126525	125977	126657	0.60	cps
Phosphorus	31-2	51550	50610	50904	51021	0.94	cps
Potassium	39-2	4396823	4349543	4392815	4379727	0.60	cps
Rhodium	103-1	13852655	13702364	13754297	13769772	0.55	cps
Rhodium	103-2	8426425	8426811	8322172	8391803	0.72	cps
Scandium	45-1	8460518	8480796	8388080	8443131	0.58	cps
Scandium	45-2	762088	755780	758842	758903	0.42	cps
Selenium	82-1	482	516	432	477	8.94	cps
Selenium	77-2	443	420	417	427	3.41	cps
Selenium	78-2	1013	923	820	919	10.53	cps
Silicon	28-1	32764975	33152303	33308095	33075125	0.85	cps
Silver	107-1	3227	3260	3004	3164	4.41	cps
Silver	109-1	3040	2930	2777	2916	4.54	cps
Sodium	23-2	163279	162968	162059	162769	0.39	cps
Strontium	86-1	314607	317915	317362	316628	0.56	cps
Strontium	88-1	2798204	2834304	2826218	2819575	0.67	cps
Sulfur	34-1	184044	188564	190464	187691	1.76	cps
Terbium	159-1	19099251	18998456	18622409	18906705	1.33	cps
Terbium	159-2	13206334	13361394	13246948	13271559	0.61	cps
Thallium	203-1	4531	4461	4564	4519	1.17	cps
Thallium	205-1	10721	10911	10965	10866	1.18	cps
Tin	118-1	9137	9053	9063	9084	0.50	cps
Titanium	47-1	937531	944528	942836	941632	0.39	cps

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

P5177-20

Instrumnet Name :

P7

Client Sample ID :

MYD021

Dilution Factor :

1

Date & Time Acquired :

2024-12-18 16:26:56

DataFile Name :

055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	40318	40849	40428	40532	0.69	cps
Vanadium	51-2	981941	978551	983619	981370	0.26	cps
Yttrium	89-1	19754111	19396233	19172032	19440792	1.51	cps
Yttrium	89-2	5420545	5487840	5453573	5453986	0.62	cps
Zinc	66-2	265894	265588	265168	265550	0.14	cps
Zirconium	90-1	219252	222714	220222	220729	0.81	cps
Zirconium	91-1	47828	49109	49453	48796	1.75	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : P5177-21 Instrumnet Name : P7
Client Sample ID : MYD021D Dilution Factor : 1
Date & Time Acquired : 2024-12-18 16:30:02 DataFile Name : 056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13923438	13711719	13799950	13811702	0.77	cps
Antimony	121-1	4791	5028	4941	4920	2.43	cps
Arsenic	75-2	60670	61440	59140	60417	1.94	cps
Barium	135-1	1142400	1144792	1140828	1142673	0.17	cps
Barium	137-1	2037876	2028638	2002471	2022995	0.91	cps
Beryllium	9-1	2037	2070	2017	2041	1.32	cps
Bismuth	209-1	11348284	11178937	11069278	11198833	1.26	cps
Bismuth	209-2	9557224	9536579	9562427	9552077	0.14	cps
Bromine	81-1	17370	17133	17554	17353	1.21	cps
Bromine	81-2	630	480	493	534	15.53	cps
Cadmium	108-1	290	350	327	322	9.39	cps
Cadmium	106-1	5111	5021	5031	5054	0.98	cps
Cadmium	111-1	5412	5290	5290	5330	1.32	cps
Calcium	43-1	1241589	1224812	1237499	1234633	0.71	cps
Calcium	44-1	19844156	19592111	19523639	19653302	0.86	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	320220	320045	320815	320360	0.13	cps
Cobalt	59-2	403742	403278	402844	403288	0.11	cps
Copper	63-2	680241	673492	678953	677562	0.53	cps
Dysprosium	156-1	132360	132511	131559	132143	0.39	cps
Dysprosium	156-2	117126	115745	117637	116836	0.84	cps
Erbium	164-1	117576	116248	116638	116821	0.58	cps
Erbium	164-2	86378	84997	85764	85713	0.81	cps
Gadolinium	160-1	129441	130699	129872	130004	0.49	cps
Gadolinium	160-2	99419	98674	98802	98965	0.40	cps
Holmium	165-1	18472599	18274116	18220529	18322415	0.72	cps
Holmium	165-2	13353364	13136999	13272880	13254415	0.83	cps
Indium	115-1	14986156	14919275	14986383	14963938	0.26	cps
Indium	115-2	5743132	5783045	5817335	5781171	0.64	cps
Iron	56-2	560281392	556138138	561200018	559206516	0.48	cps
Iron	57-2	13793945	13821960	13765439	13793781	0.20	cps
Iron	54-2	30427508	30200636	30314704	30314283	0.37	cps
Krypton	83-1	443	430	353	409	11.88	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : P5177-21 Instrumnet Name : P7
Client Sample ID : MYD021D Dilution Factor : 1
Date & Time Acquired : 2024-12-18 16:30:02 DataFile Name : 056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	417963	418922	411646	416177	0.95	cps
Lead	207-1	352504	355057	349477	352346	0.79	cps
Lead	208-1	1617701	1618272	1602290	1612754	0.56	cps
Lithium	6-1	1811652	1802052	1803423	1805709	0.29	cps
Magnesium	24-2	9774533	9788053	9687215	9749934	0.56	cps
Manganese	55-2	9142573	9109963	9097009	9116515	0.26	cps
Molybdenum	94-1	78368	78019	77135	77841	0.82	cps
Molybdenum	95-1	9813	9907	9760	9827	0.76	cps
Molybdenum	96-1	28187	28114	28087	28129	0.18	cps
Molybdenum	97-1	6025	6008	6105	6046	0.85	cps
Molybdenum	98-1	15201	15258	15645	15368	1.57	cps
Neodymium	150-1	221208	221875	222450	221844	0.28	cps
Neodymium	150-2	140656	140168	140135	140320	0.21	cps
Nickel	60-2	118131	117586	117707	117808	0.24	cps
Phosphorus	31-2	48697	48406	49165	48756	0.79	cps
Potassium	39-2	4113818	4132552	4172557	4139642	0.72	cps
Rhodium	103-1	14028876	13684223	13704066	13805722	1.40	cps
Rhodium	103-2	8462550	8364421	8312891	8379954	0.91	cps
Scandium	45-1	8485813	8510450	8464596	8486953	0.27	cps
Scandium	45-2	762436	757168	762487	760697	0.40	cps
Selenium	82-1	483	482	473	479	1.19	cps
Selenium	77-2	357	420	403	393	8.35	cps
Selenium	78-2	983	910	873	922	6.07	cps
Silicon	28-1	40317168	40254508	39905889	40159188	0.55	cps
Silver	107-1	2704	2727	2490	2640	4.94	cps
Silver	109-1	2274	2314	2404	2330	2.86	cps
Sodium	23-2	161325	160708	159600	160544	0.54	cps
Strontium	86-1	318703	317318	317182	317734	0.26	cps
Strontium	88-1	2838951	2868122	2770626	2825900	1.77	cps
Sulfur	34-1	185271	186236	187910	186473	0.72	cps
Terbium	159-1	19078896	18695132	18636548	18803525	1.28	cps
Terbium	159-2	13590116	13289854	13346654	13408875	1.19	cps
Thallium	203-1	4344	4557	4327	4410	2.91	cps
Thallium	205-1	10628	10621	10644	10631	0.11	cps
Tin	118-1	7612	8019	7385	7672	4.19	cps
Titanium	47-1	962661	953724	953385	956590	0.55	cps

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

P5177-21

Instrumnet Name :

P7

Client Sample ID :

MYD021D

Dilution Factor :

1

Date & Time Acquired :

2024-12-18 16:30:02

DataFile Name :

056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	38325	37924	37867	38039	0.66	cps
Vanadium	51-2	932019	928636	933542	931399	0.27	cps
Yttrium	89-1	19543408	19504544	19193469	19413807	0.99	cps
Yttrium	89-2	5529638	5441477	5401472	5457529	1.20	cps
Zinc	66-2	254364	253038	253977	253793	0.27	cps
Zirconium	90-1	194514	196300	195341	195385	0.46	cps
Zirconium	91-1	43514	43541	43655	43570	0.17	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : P5177-20LX5 Instrumnet Name : P7
Client Sample ID : MYD021L Dilution Factor : 5
Date & Time Acquired : 2024-12-18 16:33:11 DataFile Name : 057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3054871	2993209	3024462	3024181	1.02	cps
Antimony	121-1	860	870	887	872	1.55	cps
Arsenic	75-2	12916	12632	12939	12829	1.33	cps
Barium	135-1	237874	240196	237276	238449	0.65	cps
Barium	137-1	410703	412598	414443	412582	0.45	cps
Beryllium	9-1	533	493	510	512	3.92	cps
Bismuth	209-1	11290989	11367577	11136293	11264953	1.05	cps
Bismuth	209-2	9452269	9835314	9540512	9609365	2.09	cps
Bromine	81-1	16459	17110	17203	16924	2.39	cps
Bromine	81-2	200	203	207	203	1.64	cps
Cadmium	108-1	73	100	53	76	30.99	cps
Cadmium	106-1	4244	4131	4271	4215	1.76	cps
Cadmium	111-1	3336	3231	3445	3338	3.21	cps
Calcium	43-1	265416	267597	267450	266821	0.46	cps
Calcium	44-1	4200002	4211484	4176430	4195972	0.43	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	74734	74054	74208	74332	0.48	cps
Cobalt	59-2	91091	92627	92808	92175	1.02	cps
Copper	63-2	150582	148868	150862	150104	0.72	cps
Dysprosium	156-1	28051	27500	28018	27857	1.11	cps
Dysprosium	156-2	24849	25146	24321	24772	1.69	cps
Erbium	164-1	24401	24191	24368	24320	0.46	cps
Erbium	164-2	18552	18135	18369	18352	1.14	cps
Gadolinium	160-1	27113	27156	27183	27151	0.13	cps
Gadolinium	160-2	21603	21864	21867	21778	0.69	cps
Holmium	165-1	17887576	17841500	17933574	17887550	0.26	cps
Holmium	165-2	13124513	13473499	13066047	13221353	1.67	cps
Indium	115-1	15147119	15191603	15034330	15124351	0.54	cps
Indium	115-2	5916464	5972844	5879330	5922879	0.79	cps
Iron	56-2	123949308	121967838	122908945	122942030	0.81	cps
Iron	57-2	3066432	3001692	3072090	3046738	1.28	cps
Iron	54-2	6640170	6576108	6617913	6611397	0.49	cps
Krypton	83-1	220	247	307	258	17.22	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : P5177-20LX5 Instrumnet Name : P7
Client Sample ID : MYD021L Dilution Factor : 5
Date & Time Acquired : 2024-12-18 16:33:11 DataFile Name : 057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	89643	89844	89176	89554	0.38	cps
Lead	207-1	75887	76272	75977	76046	0.27	cps
Lead	208-1	348087	350646	349203	349312	0.37	cps
Lithium	6-1	1799845	1789099	1797713	1795552	0.32	cps
Magnesium	24-2	2194695	2134197	2165272	2164721	1.40	cps
Manganese	55-2	2029545	1994304	1975750	1999867	1.37	cps
Molybdenum	94-1	18001	17607	17881	17830	1.13	cps
Molybdenum	95-1	1530	1577	1550	1552	1.51	cps
Molybdenum	96-1	5888	6025	5791	5901	1.99	cps
Molybdenum	97-1	887	980	1003	957	6.45	cps
Molybdenum	98-1	2527	2450	2550	2509	2.09	cps
Neodymium	150-1	46770	47771	46570	47037	1.37	cps
Neodymium	150-2	29995	29925	30236	30052	0.54	cps
Nickel	60-2	26340	26714	26327	26460	0.83	cps
Phosphorus	31-2	10704	10957	10821	10827	1.17	cps
Potassium	39-2	978135	979362	975737	977745	0.19	cps
Rhodium	103-1	14106110	14057808	13894587	14019502	0.79	cps
Rhodium	103-2	8699706	8750499	8530326	8660177	1.33	cps
Scandium	45-1	8263285	8204538	8183559	8217127	0.50	cps
Scandium	45-2	754796	752171	756380	754449	0.28	cps
Selenium	82-1	338	310	208	285	23.95	cps
Selenium	77-2	117	53	90	87	36.69	cps
Selenium	78-2	700	657	610	656	6.87	cps
Silicon	28-1	7432816	7426897	7495797	7451837	0.51	cps
Silver	107-1	737	723	733	731	0.95	cps
Silver	109-1	693	630	607	643	6.97	cps
Sodium	23-2	58527	58092	58624	58415	0.48	cps
Strontium	86-1	64119	65823	64748	64897	1.33	cps
Strontium	88-1	565716	567775	566192	566561	0.19	cps
Sulfur	34-1	160874	164390	166045	163769	1.61	cps
Terbium	159-1	18839452	18673801	18706116	18739790	0.47	cps
Terbium	159-2	13170826	13311729	13085503	13189353	0.87	cps
Thallium	203-1	1440	1330	1540	1437	7.31	cps
Thallium	205-1	3320	3367	3334	3340	0.72	cps
Tin	118-1	3994	4067	3784	3948	3.73	cps
Titanium	47-1	191464	193078	195799	193447	1.13	cps

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

P5177-20LX5

Instrumnet Name :

P7

Client Sample ID :

MYD021L

Dilution Factor :

5

Date & Time Acquired :

2024-12-18 16:33:11

DataFile Name :

057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	8303	7932	8049	8095	2.34	cps
Vanadium	51-2	202401	204205	203087	203231	0.45	cps
Yttrium	89-1	18139578	18008297	17979149	18042341	0.47	cps
Yttrium	89-2	5186921	5137983	5216151	5180352	0.76	cps
Zinc	66-2	56071	56931	56245	56416	0.81	cps
Zirconium	90-1	45540	45868	45978	45795	0.50	cps
Zirconium	91-1	10017	10380	10347	10248	1.96	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : P5177-22 Instrumnet Name : P7
Client Sample ID : MYD021S Dilution Factor : 1
Date & Time Acquired : 2024-12-18 16:36:19 DataFile Name : 058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14884351	14911397	14912840	14902863	0.11	cps
Antimony	121-1	1145204	1137440	1130595	1137746	0.64	cps
Arsenic	75-2	86342	86286	85387	86005	0.62	cps
Barium	135-1	7041003	6925331	6980864	6982399	0.83	cps
Barium	137-1	12110826	12022146	11900062	12011012	0.88	cps
Beryllium	9-1	56248	57382	56586	56739	1.03	cps
Bismuth	209-1	11466205	11446392	11297149	11403248	0.81	cps
Bismuth	209-2	9670462	9490834	9583322	9581539	0.94	cps
Bromine	81-1	17991	17387	18709	18029	3.67	cps
Bromine	81-2	543	520	620	561	9.32	cps
Cadmium	108-1	10337	10234	10160	10244	0.87	cps
Cadmium	106-1	18972	18502	18422	18632	1.60	cps
Cadmium	111-1	154136	151698	152750	152861	0.80	cps
Calcium	43-1	1274132	1295743	1269863	1279913	1.08	cps
Calcium	44-1	20855825	20737886	20089543	20561085	2.01	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1254790	1254581	1247793	1252388	0.32	cps
Cobalt	59-2	4043749	4041429	4002297	4029158	0.58	cps
Copper	63-2	1933916	1945140	1924710	1934589	0.53	cps
Dysprosium	156-1	137805	138814	138996	138538	0.46	cps
Dysprosium	156-2	122646	123006	123200	122951	0.23	cps
Erbium	164-1	122766	123099	121671	122512	0.61	cps
Erbium	164-2	89222	89974	88632	89276	0.75	cps
Gadolinium	160-1	134249	135605	134296	134717	0.57	cps
Gadolinium	160-2	102646	102556	103815	103005	0.68	cps
Holmium	165-1	18682541	18370898	18399226	18484222	0.93	cps
Holmium	165-2	13375573	13308223	13343756	13342517	0.25	cps
Indium	115-1	15520083	15213546	15060285	15264638	1.53	cps
Indium	115-2	5806943	5844580	5751601	5801042	0.81	cps
Iron	56-2	584979298	585259231	587845778	586028102	0.27	cps
Iron	57-2	14518354	14437774	14533626	14496585	0.36	cps
Iron	54-2	31564482	31696025	31521001	31593836	0.29	cps
Krypton	83-1	380	427	420	409	6.17	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : P5177-22 Instrumnet Name : P7
Client Sample ID : MYD021S Dilution Factor : 1
Date & Time Acquired : 2024-12-18 16:36:19 DataFile Name : 058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	621331	623275	612133	618913	0.96	cps
Lead	207-1	519510	517106	513307	516641	0.61	cps
Lead	208-1	2397799	2404621	2367536	2389985	0.83	cps
Lithium	6-1	1856768	1833219	1811084	1833690	1.25	cps
Magnesium	24-2	10208542	10310486	10203389	10240806	0.59	cps
Manganese	55-2	11212575	11294852	11209418	11238948	0.43	cps
Molybdenum	94-1	87382	84995	87174	86517	1.53	cps
Molybdenum	95-1	7919	7715	7785	7807	1.32	cps
Molybdenum	96-1	29232	28598	28388	28739	1.53	cps
Molybdenum	97-1	5098	4814	4804	4905	3.40	cps
Molybdenum	98-1	12145	12342	12132	12206	0.96	cps
Neodymium	150-1	232201	233892	232766	232953	0.37	cps
Neodymium	150-2	145499	144609	145094	145067	0.31	cps
Nickel	60-2	1012505	1011309	1013101	1012305	0.09	cps
Phosphorus	31-2	51593	50975	51132	51233	0.63	cps
Potassium	39-2	4270302	4321564	4339204	4310357	0.83	cps
Rhodium	103-1	14223240	14003138	13903114	14043164	1.17	cps
Rhodium	103-2	8466796	8455725	8392686	8438402	0.47	cps
Scandium	45-1	8788362	8668850	8442524	8633245	2.03	cps
Scandium	45-2	766490	765970	765509	765990	0.06	cps
Selenium	82-1	18654	18422	18559	18545	0.63	cps
Selenium	77-2	2427	2467	2337	2410	2.76	cps
Selenium	78-2	7872	8002	7739	7871	1.67	cps
Silicon	28-1	34565303	34778508	34407973	34583928	0.54	cps
Silver	107-1	684794	691473	689749	688672	0.50	cps
Silver	109-1	659408	659223	660323	659651	0.09	cps
Sodium	23-2	161331	160981	160833	161048	0.16	cps
Strontium	86-1	323333	323149	321507	322663	0.31	cps
Strontium	88-1	2882549	2854115	2880922	2872529	0.56	cps
Sulfur	34-1	195980	196432	195159	195857	0.33	cps
Terbium	159-1	19399589	19224550	18907894	19177344	1.30	cps
Terbium	159-2	13483219	13468761	13314038	13422006	0.70	cps
Thallium	203-1	534671	536594	535170	535478	0.19	cps
Thallium	205-1	1277684	1274980	1262214	1271626	0.65	cps
Tin	118-1	8970	8900	8659	8843	1.84	cps
Titanium	47-1	969434	960603	952801	960946	0.87	cps

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

P5177-22

Instrumnet Name :

P7

Client Sample ID :

MYD021S

Dilution Factor :

1

Date & Time Acquired :

2024-12-18 16:36:19

DataFile Name :

058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	40271	40488	40211	40323	0.36	cps
Vanadium	51-2	3059162	3037770	2995938	3030957	1.06	cps
Yttrium	89-1	20083705	19792095	19755024	19876942	0.91	cps
Yttrium	89-2	5547277	5551679	5481433	5526796	0.71	cps
Zinc	66-2	695132	696179	696844	696052	0.12	cps
Zirconium	90-1	220760	222794	218306	220620	1.02	cps
Zirconium	91-1	49954	48624	49276	49285	1.35	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : P5177-20MS Instrumnet Name : P7
Client Sample ID : MYD021SRE Dilution Factor : 1
Date & Time Acquired : 2024-12-18 16:39:21 DataFile Name : 059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15832477	15801020	15616604	15750034	0.74	cps
Antimony	121-1	4723536	4684026	4631035	4679532	0.99	cps
Arsenic	75-2	159251	156906	155171	157109	1.30	cps
Barium	135-1	24951964	24852671	24478718	24761118	1.01	cps
Barium	137-1	42716793	42559651	42579860	42618768	0.20	cps
Beryllium	9-1	229388	229810	230276	229825	0.19	cps
Bismuth	209-1	11522251	11277107	11129300	11309553	1.75	cps
Bismuth	209-2	9634166	9413829	9409126	9485707	1.36	cps
Bromine	81-1	18071	17571	17707	17783	1.45	cps
Bromine	81-2	553	553	547	551	0.70	cps
Cadmium	108-1	39965	39587	39544	39699	0.58	cps
Cadmium	106-1	59541	59421	58414	59125	1.05	cps
Cadmium	111-1	596780	599044	599002	598276	0.22	cps
Calcium	43-1	1220864	1242357	1222765	1228662	0.97	cps
Calcium	44-1	19839415	19845399	19762474	19815763	0.23	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4104807	4048592	4043098	4065499	0.84	cps
Cobalt	59-2	15040570	14823614	14656783	14840322	1.30	cps
Copper	63-2	5713661	5665553	5575087	5651434	1.24	cps
Dysprosium	156-1	135163	135193	133665	134674	0.65	cps
Dysprosium	156-2	118350	118719	118148	118406	0.24	cps
Erbium	164-1	118517	119663	118662	118947	0.52	cps
Erbium	164-2	87438	86684	86304	86809	0.66	cps
Gadolinium	160-1	132123	132351	130460	131645	0.78	cps
Gadolinium	160-2	99403	100225	99597	99742	0.43	cps
Holmium	165-1	18862838	18335632	18227163	18475211	1.84	cps
Holmium	165-2	13385123	13266208	13009983	13220438	1.45	cps
Indium	115-1	15560042	14986380	14810444	15118955	2.59	cps
Indium	115-2	5711211	5695495	5687499	5698068	0.21	cps
Iron	56-2	577984005	574214325	570977378	574391903	0.61	cps
Iron	57-2	14283866	14041497	14081856	14135740	0.92	cps
Iron	54-2	31245021	31187973	30936810	31123268	0.53	cps
Krypton	83-1	373	437	397	402	7.96	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : P5177-20MS Instrumnet Name : P7
Client Sample ID : MYD021SRE Dilution Factor : 1
Date & Time Acquired : 2024-12-18 16:39:21 DataFile Name : 059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1152366	1155241	1144090	1150566	0.50	cps
Lead	207-1	943885	946529	942202	944205	0.23	cps
Lead	208-1	4508318	4522385	4463419	4498041	0.68	cps
Lithium	6-1	1848122	1803273	1794274	1815223	1.59	cps
Magnesium	24-2	9826103	9787832	9673513	9762483	0.81	cps
Manganese	55-2	16675183	16424161	16211956	16437100	1.41	cps
Molybdenum	94-1	82591	83939	82112	82881	1.14	cps
Molybdenum	95-1	7529	7739	7659	7642	1.39	cps
Molybdenum	96-1	27786	27863	27796	27815	0.15	cps
Molybdenum	97-1	4731	4761	4761	4751	0.36	cps
Molybdenum	98-1	12629	12502	12249	12460	1.55	cps
Neodymium	150-1	228334	226142	227042	227173	0.49	cps
Neodymium	150-2	141195	140648	139273	140372	0.71	cps
Nickel	60-2	3921479	3807970	3787065	3838838	1.88	cps
Phosphorus	31-2	49179	48640	48256	48692	0.95	cps
Potassium	39-2	4107771	4121093	4056955	4095273	0.83	cps
Rhodium	103-1	14331054	13618166	13622166	13857128	2.96	cps
Rhodium	103-2	8262730	8337823	8298715	8299756	0.45	cps
Scandium	45-1	8675521	8445901	8449881	8523768	1.54	cps
Scandium	45-2	736597	735305	733727	735210	0.20	cps
Selenium	82-1	83557	83004	83057	83206	0.37	cps
Selenium	77-2	10077	9887	9276	9747	4.29	cps
Selenium	78-2	31487	31550	31781	31606	0.49	cps
Silicon	28-1	32430312	32834754	33005032	32756699	0.90	cps
Silver	107-1	3160494	1713304	1905607	2259801	34.78	cps
Silver	109-1	2916059	2146427	1992297	2351594	21.04	cps
Sodium	23-2	153365	154513	151685	153187	0.93	cps
Strontium	86-1	311489	309155	305307	308651	1.01	cps
Strontium	88-1	2782570	2779953	2707804	2756775	1.54	cps
Sulfur	34-1	190944	189040	189267	189750	0.55	cps
Terbium	159-1	19246894	18926371	18724913	18966059	1.39	cps
Terbium	159-2	13307936	13232602	13262307	13267615	0.29	cps
Thallium	203-1	2312879	2301052	2241422	2285118	1.68	cps
Thallium	205-1	5497921	5472712	5412676	5461103	0.80	cps
Tin	118-1	9097	9066	8920	9027	1.05	cps
Titanium	47-1	920619	921426	912444	918163	0.54	cps

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

P5177-20MS

Instrumnet Name :

P7

Client Sample ID :

MYD021SRE

Dilution Factor :

1

Date & Time Acquired :

2024-12-18 16:39:21

DataFile Name :

059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	38880	40739	39903	39841	2.34	cps
Vanadium	51-2	9138862	9124797	9032987	9098882	0.63	cps
Yttrium	89-1	19870801	19303116	19109334	19427751	2.04	cps
Yttrium	89-2	5339688	5367172	5397918	5368259	0.54	cps
Zinc	66-2	2086277	2063335	2048502	2066038	0.92	cps
Zirconium	90-1	214669	214527	213123	214106	0.40	cps
Zirconium	91-1	47747	48396	48540	48228	0.88	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : CCV012 Instrumnet Name : P7
Client Sample ID : CCV012 Dilution Factor : 1
Date & Time Acquired : 2024-12-18 16:42:13 DataFile Name : 060CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16334328	16095359	16285794	16238494	0.78	cps
Antimony	121-1	6990845	7072963	7075768	7046526	0.68	cps
Arsenic	75-2	380261	380956	378171	379796	0.38	cps
Barium	135-1	8913480	9048738	9097915	9020045	1.06	cps
Barium	137-1	15387454	15576384	15653014	15538951	0.88	cps
Beryllium	9-1	664340	684509	691434	680094	2.07	cps
Bismuth	209-1	10638595	10045203	10153800	10279199	3.07	cps
Bismuth	209-2	8402845	8436227	8454334	8431135	0.31	cps
Bromine	81-1	15995	15502	15642	15713	1.62	cps
Bromine	81-2	153	163	237	184	24.67	cps
Cadmium	108-1	134137	134779	137427	135448	1.29	cps
Cadmium	106-1	191222	195935	194213	193790	1.23	cps
Cadmium	111-1	1820355	1879025	1867956	1855779	1.68	cps
Calcium	43-1	8997773	9212604	9195503	9135294	1.31	cps
Calcium	44-1	146431718	149831678	149221214	148494870	1.22	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2748032	2756644	2763743	2756139	0.29	cps
Cobalt	59-2	4249285	4211271	4226263	4228940	0.45	cps
Copper	63-2	31140396	31328700	31463930	31311008	0.52	cps
Dysprosium	156-1	397	363	353	371	6.11	cps
Dysprosium	156-2	527	660	677	621	13.24	cps
Erbium	164-1	387	403	390	393	2.24	cps
Erbium	164-2	270	293	283	282	4.15	cps
Gadolinium	160-1	377	387	330	364	8.30	cps
Gadolinium	160-2	853	830	913	866	4.97	cps
Holmium	165-1	18269236	17354993	17134548	17586259	3.42	cps
Holmium	165-2	12477477	12464876	12430067	12457473	0.20	cps
Indium	115-1	14232012	13454565	13167346	13617974	4.04	cps
Indium	115-2	5185058	5133803	5160671	5159844	0.50	cps
Iron	56-2	662057110	661425017	663680390	662387506	0.18	cps
Iron	57-2	16523412	16500104	16451036	16491517	0.22	cps
Iron	54-2	35791841	35879265	35645445	35772184	0.33	cps
Krypton	83-1	257	213	217	229	10.53	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : CCV012 Instrumnet Name : P7
Client Sample ID : CCV012 Dilution Factor : 1
Date & Time Acquired : 2024-12-18 16:42:13 DataFile Name : 060CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	26671095	27221709	27418211	27103672	1.43	cps
Lead	207-1	23547045	23887094	24081735	23838625	1.14	cps
Lead	208-1	107163247	108847237	109913823	108641435	1.28	cps
Lithium	6-1	1793695	1720936	1719158	1744596	2.44	cps
Magnesium	24-2	125226321	123202798	123972611	124133910	0.82	cps
Manganese	55-2	22436558	22548487	22596792	22527279	0.36	cps
Molybdenum	94-1	24270555	24584319	24585724	24480199	0.74	cps
Molybdenum	95-1	35104115	36024612	35862039	35663589	1.38	cps
Molybdenum	96-1	38269782	39363246	38936389	38856472	1.42	cps
Molybdenum	97-1	21934836	22331972	22109967	22125592	0.90	cps
Molybdenum	98-1	56258348	57602544	56707404	56856099	1.20	cps
Neodymium	150-1	550	567	607	574	5.07	cps
Neodymium	150-2	207	190	163	187	11.71	cps
Nickel	60-2	1035102	1026223	1025657	1028994	0.51	cps
Phosphorus	31-2	148017	148054	147728	147933	0.12	cps
Potassium	39-2	82306810	82306537	82078395	82230581	0.16	cps
Rhodium	103-1	12801007	12062661	11936425	12266698	3.81	cps
Rhodium	103-2	7342231	7238470	7246366	7275689	0.79	cps
Scandium	45-1	7885874	7514797	7486461	7629044	2.92	cps
Scandium	45-2	659590	656164	659467	658407	0.30	cps
Selenium	82-1	108681	110333	110119	109711	0.82	cps
Selenium	77-2	12322	12579	12379	12426	1.09	cps
Selenium	78-2	41846	41551	41695	41697	0.35	cps
Silicon	28-1	3733827	3871506	3837136	3814156	1.88	cps
Silver	107-1	9080006	9207452	9119601	9135686	0.71	cps
Silver	109-1	8677524	8784449	8709494	8723823	0.63	cps
Sodium	23-2	199513237	198322797	198724150	198853395	0.30	cps
Strontium	86-1	2213562	2293730	2245351	2250881	1.79	cps
Strontium	88-1	19243576	19609589	19507278	19453481	0.97	cps
Sulfur	34-1	654643	669221	659921	661262	1.12	cps
Terbium	159-1	18569439	17731196	17491151	17930595	3.16	cps
Terbium	159-2	12569681	12474124	12517349	12520385	0.38	cps
Thallium	203-1	6769495	6912361	6893662	6858506	1.13	cps
Thallium	205-1	16242179	16472558	16527313	16414016	0.92	cps
Tin	118-1	5767622	5863907	5876086	5835872	1.02	cps
Titanium	47-1	8348352	8611126	8500403	8486627	1.55	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : CCV012 Instrumnet Name : P7
Client Sample ID : CCV012 Dilution Factor : 1
Date & Time Acquired : 2024-12-18 16:42:13 DataFile Name : 060CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	20873532	21295053	21404673	21191086	1.32	cps
Vanadium	51-2	2533433	2510151	2487939	2510508	0.91	cps
Yttrium	89-1	17237180	16309271	16032772	16526408	3.82	cps
Yttrium	89-2	4493565	4510959	4575254	4526593	0.95	cps
Zinc	66-2	5272527	5340913	5220640	5278026	1.14	cps
Zirconium	90-1	11976414	12224727	12109466	12103536	1.03	cps
Zirconium	91-1	2656938	2691635	2662370	2670314	0.70	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : CCB012 Instrumnet Name : P7
Client Sample ID : CCB012 Dilution Factor : 1
Date & Time Acquired : 2024-12-18 16:44:57 DataFile Name : 061CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1113	1180	1033	1109	6.62	cps
Antimony	121-1	3717	3157	2957	3277	12.02	cps
Arsenic	75-2	17	30	33	27	33.06	cps
Barium	135-1	1313	1073	843	1077	21.83	cps
Barium	137-1	2130	1713	1400	1748	20.95	cps
Beryllium	9-1	177	177	160	171	5.62	cps
Bismuth	209-1	11100226	10803759	10908319	10937434	1.37	cps
Bismuth	209-2	94111103	9444173	9417263	9424180	0.19	cps
Bromine	81-1	15465	15652	15335	15484	1.03	cps
Bromine	81-2	160	200	213	191	14.52	cps
Cadmium	108-1	37	30	23	30	22.23	cps
Cadmium	106-1	4154	3894	4034	4027	3.23	cps
Cadmium	111-1	3115	2901	3041	3019	3.60	cps
Calcium	43-1	1347	1113	1080	1180	12.31	cps
Calcium	44-1	26052	23208	20444	23235	12.07	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2290	2234	2304	2276	1.63	cps
Cobalt	59-2	560	553	520	544	3.94	cps
Copper	63-2	3330	3224	3260	3271	1.66	cps
Dysprosium	156-1	0	7	10	6	91.64	cps
Dysprosium	156-2	10	3	3	6	69.34	cps
Erbium	164-1	80	60	70	70	14.29	cps
Erbium	164-2	63	40	50	51	22.90	cps
Gadolinium	160-1	57	63	60	60	5.55	cps
Gadolinium	160-2	783	697	720	733	6.12	cps
Holmium	165-1	17468742	17261413	17117087	17282414	1.02	cps
Holmium	165-2	12841009	12831191	12583981	12752060	1.14	cps
Indium	115-1	14312921	14158915	14178348	14216728	0.59	cps
Indium	115-2	5575554	5641127	5555497	5590726	0.80	cps
Iron	56-2	72805	69352	66429	69529	4.59	cps
Iron	57-2	2364	2077	2227	2222	6.45	cps
Iron	54-2	5961	5261	5018	5413	9.05	cps
Krypton	83-1	230	260	210	233	10.79	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : CCB012 Instrumnet Name : P7
Client Sample ID : CCB012 Dilution Factor : 1
Date & Time Acquired : 2024-12-18 16:44:57 DataFile Name : 061CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3844	3330	2797	3324	15.75	cps
Lead	207-1	3504	2830	2547	2960	16.60	cps
Lead	208-1	15524	13536	11602	13554	14.47	cps
Lithium	6-1	1815702	1855525	1786634	1819287	1.90	cps
Magnesium	24-2	8142	7135	7198	7492	7.53	cps
Manganese	55-2	2217	2210	1987	2138	6.12	cps
Molybdenum	94-1	3534	3040	2447	3007	18.10	cps
Molybdenum	95-1	4714	3897	3207	3939	19.15	cps
Molybdenum	96-1	5328	4131	3744	4401	18.76	cps
Molybdenum	97-1	2894	2477	2224	2531	13.37	cps
Molybdenum	98-1	7919	6245	5468	6544	19.14	cps
Neodymium	150-1	3	13	7	8	65.47	cps
Neodymium	150-2	3	3	7	4	43.40	cps
Nickel	60-2	560	627	683	623	9.90	cps
Phosphorus	31-2	237	310	257	268	14.16	cps
Potassium	39-2	71195	71179	70245	70873	0.77	cps
Rhodium	103-1	13269494	13191945	13249650	13237030	0.30	cps
Rhodium	103-2	8275187	8328629	8152723	8252180	1.09	cps
Scandium	45-1	7587208	7496719	7578477	7554134	0.66	cps
Scandium	45-2	679425	684146	677203	680258	0.52	cps
Selenium	82-1	198	186	239	208	13.50	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	587	567	557	570	2.68	cps
Silicon	28-1	655158	648139	645911	649736	0.74	cps
Silver	107-1	2130	1843	1610	1861	14.00	cps
Silver	109-1	2210	1630	1457	1766	22.35	cps
Sodium	23-2	42813	42158	40781	41917	2.47	cps
Strontium	86-1	617	610	533	587	7.89	cps
Strontium	88-1	2610	2164	1770	2181	19.27	cps
Sulfur	34-1	184968	190312	187148	187476	1.43	cps
Terbium	159-1	17800389	17832554	17728605	17787183	0.30	cps
Terbium	159-2	12759535	12884120	12819809	12821155	0.49	cps
Thallium	203-1	1803	1497	1317	1539	15.99	cps
Thallium	205-1	3851	3527	3104	3494	10.72	cps
Tin	118-1	3360	3557	3347	3422	3.44	cps
Titanium	47-1	1063	887	843	931	12.52	cps

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

CCB012

Instrumnet Name :

P7

Client Sample ID :

CCB012

Dilution Factor :

1

Date & Time Acquired :

2024-12-18 16:44:57

DataFile Name :

061CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2057	1767	1563	1796	13.81	cps
Vanadium	51-2	193	220	210	208	6.48	cps
Yttrium	89-1	16603228	16305097	16489929	16466085	0.91	cps
Yttrium	89-2	4765759	4795934	4749914	4770536	0.49	cps
Zinc	66-2	673	740	737	717	5.24	cps
Zirconium	90-1	2267	2097	1907	2090	8.62	cps
Zirconium	91-1	510	447	487	481	6.66	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : P5178-20 Instrumnet Name : P7
Client Sample ID : MYCZ88 Dilution Factor : 1
Date & Time Acquired : 2024-12-18 16:48:12 DataFile Name : 062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11460487	11376573	11427830	11421630	0.37	cps
Antimony	121-1	1970	2040	1977	1996	1.94	cps
Arsenic	75-2	26694	27355	27202	27084	1.28	cps
Barium	135-1	1431579	1440821	1441043	1437815	0.38	cps
Barium	137-1	2595327	2586428	2601831	2594529	0.30	cps
Beryllium	9-1	2187	2083	2324	2198	5.48	cps
Bismuth	209-1	11451907	11126990	11228324	11269073	1.48	cps
Bismuth	209-2	9595664	9535975	9524653	9552097	0.40	cps
Bromine	81-1	15328	15458	16079	15622	2.57	cps
Bromine	81-2	377	307	380	354	11.68	cps
Cadmium	108-1	270	267	203	247	15.23	cps
Cadmium	106-1	5138	4881	4831	4950	3.33	cps
Cadmium	111-1	4744	4683	4659	4696	0.93	cps
Calcium	43-1	1276444	1285492	1281292	1281076	0.35	cps
Calcium	44-1	20455205	20658513	20821771	20645163	0.89	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	322228	321710	321089	321676	0.18	cps
Cobalt	59-2	313777	315274	313896	314316	0.26	cps
Copper	63-2	431077	428209	429667	429651	0.33	cps
Dysprosium	156-1	115819	118881	118561	117754	1.43	cps
Dysprosium	156-2	108370	107165	106966	107500	0.71	cps
Erbium	164-1	102053	101901	101065	101673	0.52	cps
Erbium	164-2	76981	75124	74668	75591	1.62	cps
Gadolinium	160-1	112550	113095	114741	113462	1.01	cps
Gadolinium	160-2	89463	89611	89594	89556	0.09	cps
Holmium	165-1	18529903	18098241	18235456	18287867	1.21	cps
Holmium	165-2	13533491	13518374	13211536	13421134	1.35	cps
Indium	115-1	15051015	14657198	14793793	14834002	1.35	cps
Indium	115-2	5751931	5695403	5808476	5751937	0.98	cps
Iron	56-2	346073008	348059208	347537555	347223257	0.30	cps
Iron	57-2	8673585	8554685	8575309	8601193	0.74	cps
Iron	54-2	18893511	18738019	18838577	18823369	0.42	cps
Krypton	83-1	317	377	290	328	13.54	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : P5178-20 Instrumnet Name : P7
Client Sample ID : MYCZ88 Dilution Factor : 1
Date & Time Acquired : 2024-12-18 16:48:12 DataFile Name : 062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	263245	265129	267662	265346	0.84	cps
Lead	207-1	217193	214073	217633	216300	0.90	cps
Lead	208-1	1005551	1011076	1015886	1010837	0.51	cps
Lithium	6-1	1905303	1871875	1829555	1868911	2.03	cps
Magnesium	24-2	9627291	9659927	9671092	9652770	0.24	cps
Manganese	55-2	8427335	8538676	8463102	8476371	0.67	cps
Molybdenum	94-1	53420	53551	53852	53608	0.41	cps
Molybdenum	95-1	3374	3297	3377	3349	1.35	cps
Molybdenum	96-1	15762	15955	15488	15735	1.49	cps
Molybdenum	97-1	2160	2214	1913	2096	7.64	cps
Molybdenum	98-1	5274	5308	5014	5199	3.09	cps
Neodymium	150-1	208015	209884	206661	208187	0.78	cps
Neodymium	150-2	133656	134541	132570	133589	0.74	cps
Nickel	60-2	117637	116582	118745	117655	0.92	cps
Phosphorus	31-2	38893	38819	38548	38753	0.47	cps
Potassium	39-2	3032816	2993216	3044991	3023674	0.90	cps
Rhodium	103-1	13900517	13605656	13678749	13728307	1.12	cps
Rhodium	103-2	8415599	8375632	8389510	8393581	0.24	cps
Scandium	45-1	8317939	8221271	8287781	8275664	0.60	cps
Scandium	45-2	741918	743632	738893	741481	0.32	cps
Selenium	82-1	444	312	419	392	17.84	cps
Selenium	77-2	377	417	350	381	8.80	cps
Selenium	78-2	850	833	780	821	4.45	cps
Silicon	28-1	41132285	41305844	41336651	41258260	0.27	cps
Silver	107-1	1673	1617	1570	1620	3.19	cps
Silver	109-1	1350	1340	1437	1376	3.86	cps
Sodium	23-2	163740	163076	162999	163272	0.25	cps
Strontium	86-1	784985	798225	793309	792173	0.84	cps
Strontium	88-1	7075309	7107467	7094919	7092565	0.23	cps
Sulfur	34-1	183538	183167	182665	183123	0.24	cps
Terbium	159-1	19335597	18775986	18627403	18912995	1.97	cps
Terbium	159-2	13601834	13388902	13324422	13438386	1.08	cps
Thallium	203-1	4107	3927	4034	4023	2.25	cps
Thallium	205-1	9800	9480	9320	9533	2.57	cps
Tin	118-1	3390	3394	3484	3423	1.55	cps
Titanium	47-1	405656	409036	410331	408341	0.59	cps

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

P5178-20

Instrumnet Name :

P7

Client Sample ID :

MYCZ88

Dilution Factor :

1

Date & Time Acquired :

2024-12-18 16:48:12

DataFile Name :

062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	34030	33606	33943	33860	0.66	cps
Vanadium	51-2	526958	523396	527548	525968	0.43	cps
Yttrium	89-1	19145900	18939256	18889257	18991471	0.72	cps
Yttrium	89-2	5468490	5421849	5362021	5417453	0.99	cps
Zinc	66-2	193998	195627	193540	194388	0.56	cps
Zirconium	90-1	136268	137728	140739	138245	1.65	cps
Zirconium	91-1	30231	30782	30816	30610	1.07	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : P5178-21 Instrumnet Name : P7
Client Sample ID : MYCZ88D Dilution Factor : 1
Date & Time Acquired : 2024-12-18 16:51:20 DataFile Name : 063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11716205	11601678	11717730	11678538	0.57	cps
Antimony	121-1	1670	1737	1693	1700	1.99	cps
Arsenic	75-2	27429	27883	27422	27578	0.96	cps
Barium	135-1	1471408	1461109	1460310	1464275	0.42	cps
Barium	137-1	2617050	2566695	2582393	2588712	1.00	cps
Beryllium	9-1	2247	2100	2100	2149	3.94	cps
Bismuth	209-1	11288470	11320104	11268845	11292473	0.23	cps
Bismuth	209-2	9507525	9387877	9591522	9495641	1.08	cps
Bromine	81-1	16506	16816	16676	16666	0.93	cps
Bromine	81-2	380	393	363	379	3.97	cps
Cadmium	108-1	260	280	267	269	3.79	cps
Cadmium	106-1	5168	5144	4834	5049	3.69	cps
Cadmium	111-1	4892	4968	4651	4837	3.43	cps
Calcium	43-1	1312218	1315297	1321601	1316372	0.36	cps
Calcium	44-1	21397171	21293241	21163361	21284591	0.55	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	317743	316884	315847	316825	0.30	cps
Cobalt	59-2	321342	321068	317084	319831	0.75	cps
Copper	63-2	449007	451556	447537	449366	0.45	cps
Dysprosium	156-1	121705	122165	121755	121875	0.21	cps
Dysprosium	156-2	109042	108585	109035	108888	0.24	cps
Erbium	164-1	103261	102203	102160	102541	0.61	cps
Erbium	164-2	77503	77373	76347	77074	0.82	cps
Gadolinium	160-1	117299	118852	117256	117802	0.77	cps
Gadolinium	160-2	91275	92103	91587	91655	0.46	cps
Holmium	165-1	18257474	18272705	18195767	18241982	0.22	cps
Holmium	165-2	13536808	13231724	13310663	13359731	1.19	cps
Indium	115-1	15116965	14922972	14866674	14968870	0.88	cps
Indium	115-2	5833846	5739653	5817187	5796896	0.87	cps
Iron	56-2	353920581	356593288	354030901	354848257	0.43	cps
Iron	57-2	8765604	8851751	8698794	8772050	0.87	cps
Iron	54-2	19169232	19324465	19143354	19212350	0.51	cps
Krypton	83-1	380	380	420	393	5.87	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : P5178-21 Instrumnet Name : P7
Client Sample ID : MYCZ88D Dilution Factor : 1
Date & Time Acquired : 2024-12-18 16:51:20 DataFile Name : 063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	274625	276180	273214	274673	0.54	cps
Lead	207-1	226431	226664	224698	225931	0.48	cps
Lead	208-1	1050427	1057803	1049055	1052428	0.45	cps
Lithium	6-1	1850736	1864011	1841158	1851968	0.62	cps
Magnesium	24-2	10038658	10030785	9843905	9971116	1.11	cps
Manganese	55-2	8487633	8480343	8379991	8449322	0.71	cps
Molybdenum	94-1	64196	64525	65224	64648	0.81	cps
Molybdenum	95-1	3117	3204	3160	3160	1.37	cps
Molybdenum	96-1	17297	17768	17440	17502	1.38	cps
Molybdenum	97-1	1927	1937	2020	1961	2.61	cps
Molybdenum	98-1	4677	4721	4617	4672	1.11	cps
Neodymium	150-1	215962	216981	216906	216616	0.26	cps
Neodymium	150-2	135989	137308	136510	136602	0.49	cps
Nickel	60-2	119837	120644	121003	120495	0.50	cps
Phosphorus	31-2	39614	39588	39444	39549	0.23	cps
Potassium	39-2	3044856	3067450	3062699	3058335	0.39	cps
Rhodium	103-1	14119619	13921221	13878674	13973171	0.92	cps
Rhodium	103-2	8462638	8504482	8426442	8464521	0.46	cps
Scandium	45-1	8524380	8513183	8364872	8467478	1.05	cps
Scandium	45-2	758202	756918	759053	758058	0.14	cps
Selenium	82-1	424	426	387	412	5.26	cps
Selenium	77-2	373	360	333	356	5.73	cps
Selenium	78-2	863	773	847	828	5.78	cps
Silicon	28-1	37674924	37303723	37714388	37564345	0.60	cps
Silver	107-1	1600	1553	1533	1562	2.19	cps
Silver	109-1	1390	1473	1573	1479	6.21	cps
Sodium	23-2	160762	160836	161557	161052	0.27	cps
Strontium	86-1	811749	809636	813271	811552	0.22	cps
Strontium	88-1	7271224	7237272	7181428	7229975	0.63	cps
Sulfur	34-1	178829	177602	176931	177787	0.54	cps
Terbium	159-1	19107963	18719110	19008670	18945248	1.07	cps
Terbium	159-2	13482543	13355103	13408449	13415365	0.48	cps
Thallium	203-1	3957	3921	3794	3891	2.20	cps
Thallium	205-1	9350	9397	9150	9299	1.41	cps
Tin	118-1	4601	4431	4717	4583	3.15	cps
Titanium	47-1	464924	466352	465374	465550	0.16	cps

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

P5178-21

Instrumnet Name :

P7

Client Sample ID :

MYCZ88D

Dilution Factor :

1

Date & Time Acquired :

2024-12-18 16:51:20

DataFile Name :

063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	33345	33138	32379	32954	1.54	cps
Vanadium	51-2	536639	538919	535732	537097	0.31	cps
Yttrium	89-1	19311561	19333030	19199615	19281402	0.37	cps
Yttrium	89-2	5478499	5399141	5507484	5461708	1.03	cps
Zinc	66-2	196988	197784	196461	197078	0.34	cps
Zirconium	90-1	167283	169701	168248	168411	0.72	cps
Zirconium	91-1	37722	37682	37989	37797	0.44	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : P5178-20LX5 Instrumnet Name : P7
Client Sample ID : MYCZ88L Dilution Factor : 5
Date & Time Acquired : 2024-12-18 16:54:27 DataFile Name : 064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2361116	2334329	2375932	2357126	0.89	cps
Antimony	121-1	530	550	593	558	5.80	cps
Arsenic	75-2	5578	5654	5718	5650	1.24	cps
Barium	135-1	291312	292861	293917	292697	0.45	cps
Barium	137-1	508851	508955	506809	508205	0.24	cps
Beryllium	9-1	517	510	507	511	1.00	cps
Bismuth	209-1	11307326	11187074	11188011	11227470	0.62	cps
Bismuth	209-2	9368001	9419469	9574956	9454142	1.14	cps
Bromine	81-1	16116	16356	16089	16187	0.91	cps
Bromine	81-2	167	177	133	159	14.28	cps
Cadmium	108-1	43	57	27	42	35.60	cps
Cadmium	106-1	4264	4384	4134	4261	2.94	cps
Cadmium	111-1	3258	3303	3228	3263	1.14	cps
Calcium	43-1	276208	275227	269839	273758	1.25	cps
Calcium	44-1	4353642	4317562	4291546	4320916	0.72	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	68551	67654	67282	67829	0.96	cps
Cobalt	59-2	65552	65137	65371	65354	0.32	cps
Copper	63-2	90565	91065	91792	91141	0.68	cps
Dysprosium	156-1	23593	24171	23566	23777	1.44	cps
Dysprosium	156-2	21186	20839	20976	21000	0.83	cps
Erbium	164-1	20525	20505	19711	20247	2.29	cps
Erbium	164-2	15052	15135	15048	15078	0.33	cps
Gadolinium	160-1	22398	22939	23173	22836	1.74	cps
Gadolinium	160-2	19013	18356	18412	18594	1.96	cps
Holmium	165-1	18083276	17933326	17746509	17921037	0.94	cps
Holmium	165-2	13013814	13041284	13243180	13099426	0.96	cps
Indium	115-1	15238284	15113325	14886319	15079309	1.18	cps
Indium	115-2	5806369	5784422	5797118	5795970	0.19	cps
Iron	56-2	73523864	72771532	72993726	73096374	0.53	cps
Iron	57-2	1791452	1821756	1788368	1800525	1.02	cps
Iron	54-2	3966638	3904036	3956308	3942327	0.85	cps
Krypton	83-1	277	250	267	264	5.09	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : P5178-20LX5 Instrumnet Name : P7
Client Sample ID : MYCZ88L Dilution Factor : 5
Date & Time Acquired : 2024-12-18 16:54:27 DataFile Name : 064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	53384	53214	52815	53138	0.55	cps
Lead	207-1	44018	44232	43426	43892	0.95	cps
Lead	208-1	204705	204991	204686	204794	0.08	cps
Lithium	6-1	1813794	1806809	1819859	1813487	0.36	cps
Magnesium	24-2	2021583	2006227	2011094	2012968	0.39	cps
Manganese	55-2	1812943	1763985	1772617	1783182	1.47	cps
Molybdenum	94-1	11094	11321	11044	11153	1.32	cps
Molybdenum	95-1	737	757	740	744	1.44	cps
Molybdenum	96-1	3447	3220	3267	3312	3.62	cps
Molybdenum	97-1	493	400	507	467	12.45	cps
Molybdenum	98-1	1150	1230	930	1103	14.08	cps
Neodymium	150-1	42454	42768	41521	42247	1.53	cps
Neodymium	150-2	27236	27527	26936	27233	1.09	cps
Nickel	60-2	25138	25098	24948	25061	0.40	cps
Phosphorus	31-2	8286	8039	7822	8049	2.88	cps
Potassium	39-2	692065	687171	683929	687722	0.60	cps
Rhodium	103-1	14056808	14051176	13909693	14005892	0.60	cps
Rhodium	103-2	8553801	8435934	8636035	8541923	1.18	cps
Scandium	45-1	8265737	8170498	8135743	8190660	0.82	cps
Scandium	45-2	745211	744515	749270	746332	0.34	cps
Selenium	82-1	259	261	221	247	9.15	cps
Selenium	77-2	30	80	60	57	44.41	cps
Selenium	78-2	660	650	617	642	3.53	cps
Silicon	28-1	9170709	9230077	9533273	9311353	2.09	cps
Silver	107-1	503	410	463	459	10.20	cps
Silver	109-1	343	340	340	341	0.56	cps
Sodium	23-2	58855	58808	59086	58916	0.25	cps
Strontium	86-1	162795	164349	163227	163457	0.49	cps
Strontium	88-1	1412235	1426030	1413666	1417310	0.54	cps
Sulfur	34-1	162501	166105	166583	165063	1.35	cps
Terbium	159-1	18776098	18620137	18404314	18600183	1.00	cps
Terbium	159-2	13207385	13185472	13022094	13138317	0.77	cps
Thallium	203-1	1130	1090	1147	1122	2.60	cps
Thallium	205-1	2724	2620	2787	2710	3.10	cps
Tin	118-1	2857	2790	3104	2917	5.66	cps
Titanium	47-1	82446	85701	83994	84047	1.94	cps

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

P5178-20LX5

Instrumnet Name :

P7

Client Sample ID :

MYCZ88L

Dilution Factor :

5

Date & Time Acquired :

2024-12-18 16:54:27

DataFile Name :

064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	6919	6752	6542	6737	2.80	cps
Vanadium	51-2	109705	107697	107646	108349	1.08	cps
Yttrium	89-1	18187293	18108278	17745362	18013644	1.31	cps
Yttrium	89-2	5111622	5082654	5079768	5091348	0.35	cps
Zinc	66-2	40117	40271	39933	40107	0.42	cps
Zirconium	90-1	29102	29276	28454	28944	1.50	cps
Zirconium	91-1	6298	6625	6535	6486	2.60	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : P5178-22 Instrumnet Name : P7
Client Sample ID : MYCZ88S Dilution Factor : 1
Date & Time Acquired : 2024-12-18 16:57:38 DataFile Name : 065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12050160	12005234	11951484	12002292	0.41	cps
Antimony	121-1	1116118	1117729	1114247	1116031	0.16	cps
Arsenic	75-2	52456	52556	52506	52506	0.10	cps
Barium	135-1	7348608	7356679	7236732	7314006	0.92	cps
Barium	137-1	12530879	12573809	12484854	12529847	0.36	cps
Beryllium	9-1	57676	58459	58433	58190	0.76	cps
Bismuth	209-1	11426037	11366869	11312924	11368610	0.50	cps
Bismuth	209-2	9573603	9494684	9590939	9553075	0.54	cps
Bromine	81-1	17017	16896	16583	16832	1.33	cps
Bromine	81-2	367	400	363	377	5.38	cps
Cadmium	108-1	9890	9867	10247	10001	2.13	cps
Cadmium	106-1	18378	18338	18308	18342	0.19	cps
Cadmium	111-1	150384	150669	149799	150284	0.30	cps
Calcium	43-1	1308287	1313112	1304269	1308556	0.34	cps
Calcium	44-1	21347826	21307856	21087636	21247773	0.66	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1240808	1237645	1239337	1239263	0.13	cps
Cobalt	59-2	3973170	3958112	3973170	3968150	0.22	cps
Copper	63-2	1708692	1709152	1678982	1698942	1.02	cps
Dysprosium	156-1	118111	119681	118101	118631	0.77	cps
Dysprosium	156-2	107087	107171	107175	107144	0.05	cps
Erbium	164-1	100619	101176	102425	101407	0.91	cps
Erbium	164-2	75365	74822	75653	75280	0.56	cps
Gadolinium	160-1	115481	115864	114718	115354	0.51	cps
Gadolinium	160-2	87592	88259	88064	87972	0.39	cps
Holmium	165-1	18583508	18564960	18083733	18410734	1.54	cps
Holmium	165-2	13434287	13212546	13450529	13365787	0.99	cps
Indium	115-1	15446889	15183541	15123018	15251149	1.13	cps
Indium	115-2	5879953	5819521	5809392	5836289	0.65	cps
Iron	56-2	354571701	351369915	354121741	353354453	0.49	cps
Iron	57-2	8706001	8650492	8657592	8671361	0.35	cps
Iron	54-2	19171103	19013938	19048988	19078009	0.43	cps
Krypton	83-1	417	347	377	380	9.24	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : P5178-22 Instrumnet Name : P7
Client Sample ID : MYCZ88S Dilution Factor : 1
Date & Time Acquired : 2024-12-18 16:57:38 DataFile Name : 065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	440326	441560	436597	439494	0.59	cps
Lead	207-1	360555	357257	357898	358570	0.49	cps
Lead	208-1	1679653	1683770	1668421	1677282	0.47	cps
Lithium	6-1	1875389	1878325	1810034	1854583	2.08	cps
Magnesium	24-2	9706982	9589995	9692382	9663120	0.66	cps
Manganese	55-2	10365241	10284776	10382915	10344311	0.51	cps
Molybdenum	94-1	54708	54949	54544	54734	0.37	cps
Molybdenum	95-1	3164	3094	3087	3115	1.36	cps
Molybdenum	96-1	15745	15545	15675	15655	0.65	cps
Molybdenum	97-1	1917	1917	1800	1878	3.59	cps
Molybdenum	98-1	4824	4674	4911	4803	2.49	cps
Neodymium	150-1	212733	209891	209710	210778	0.80	cps
Neodymium	150-2	133041	132176	132063	132427	0.40	cps
Nickel	60-2	1028541	1023997	1022184	1024907	0.32	cps
Phosphorus	31-2	38685	38465	38488	38546	0.31	cps
Potassium	39-2	2996050	3019090	3057003	3024048	1.02	cps
Rhodium	103-1	14027490	13895797	13913588	13945625	0.51	cps
Rhodium	103-2	8495938	8515974	8344454	8452122	1.11	cps
Scandium	45-1	8587247	8493591	8453651	8511496	0.81	cps
Scandium	45-2	764525	759963	755077	759855	0.62	cps
Selenium	82-1	18084	18067	18165	18105	0.29	cps
Selenium	77-2	2464	2327	2244	2345	4.74	cps
Selenium	78-2	7552	7662	7599	7604	0.73	cps
Silicon	28-1	41587690	41949753	41052923	41530122	1.09	cps
Silver	107-1	687560	691434	689126	689373	0.28	cps
Silver	109-1	661221	660930	660686	660946	0.04	cps
Sodium	23-2	162797	162456	162494	162582	0.11	cps
Strontium	86-1	808786	804510	804277	805858	0.32	cps
Strontium	88-1	7146033	7204745	7086968	7145915	0.82	cps
Sulfur	34-1	177862	177592	176345	177266	0.46	cps
Terbium	159-1	19271605	18902468	19000052	19058041	1.00	cps
Terbium	159-2	13463879	13527289	13347048	13446072	0.68	cps
Thallium	203-1	532471	534048	533389	533303	0.15	cps
Thallium	205-1	1258073	1267978	1259190	1261747	0.43	cps
Tin	118-1	3504	3544	3630	3559	1.82	cps
Titanium	47-1	423114	423117	420204	422145	0.40	cps

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

P5178-22

Instrumnet Name :

P7

Client Sample ID :

MYCZ88S

Dilution Factor :

1

Date & Time Acquired :

2024-12-18 16:57:38

DataFile Name :

065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	33001	33546	33559	33369	0.95	cps
Vanadium	51-2	2654283	2601931	2598532	2618249	1.19	cps
Yttrium	89-1	19564601	19375546	19274180	19404776	0.76	cps
Yttrium	89-2	5479705	5549657	5444167	5491177	0.98	cps
Zinc	66-2	643076	643224	646548	644283	0.30	cps
Zirconium	90-1	144197	142557	141043	142599	1.11	cps
Zirconium	91-1	33041	31731	31771	32181	2.31	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : P5178-20MS Instrumnet Name : P7
Client Sample ID : MYCZ88SRE Dilution Factor : 1
Date & Time Acquired : 2024-12-18 17:00:36 DataFile Name : 066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12945979	12863345	12928548	12912624	0.34	cps
Antimony	121-1	4761954	4720786	4686959	4723233	0.80	cps
Arsenic	75-2	127979	128396	129576	128650	0.64	cps
Barium	135-1	25597852	25569901	25377102	25514952	0.47	cps
Barium	137-1	44248759	43880023	43719759	43949514	0.62	cps
Beryllium	9-1	230465	238940	236070	235158	1.83	cps
Bismuth	209-1	11454925	11326307	11194983	11325405	1.15	cps
Bismuth	209-2	9517286	9562947	9647278	9575837	0.69	cps
Bromine	81-1	17530	17113	17107	17250	1.41	cps
Bromine	81-2	333	353	370	352	5.21	cps
Cadmium	108-1	39928	40202	39109	39747	1.43	cps
Cadmium	106-1	60438	59849	57657	59315	2.47	cps
Cadmium	111-1	605235	610434	602019	605896	0.70	cps
Calcium	43-1	1292686	1269697	1251823	1271402	1.61	cps
Calcium	44-1	20613856	20678803	20243547	20512068	1.14	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4157844	4135140	4134368	4142451	0.32	cps
Cobalt	59-2	15198909	15220813	15226786	15215503	0.10	cps
Copper	63-2	5525516	5550224	5558970	5544903	0.31	cps
Dysprosium	156-1	115402	117711	116044	116386	1.02	cps
Dysprosium	156-2	104552	104391	105140	104694	0.38	cps
Erbium	164-1	98393	98396	98417	98402	0.01	cps
Erbium	164-2	73110	72165	72212	72496	0.73	cps
Gadolinium	160-1	112534	112308	111754	112199	0.36	cps
Gadolinium	160-2	85683	85174	85707	85521	0.35	cps
Holmium	165-1	18550358	18307571	18023151	18293693	1.44	cps
Holmium	165-2	13272347	13471212	13274215	13339258	0.86	cps
Indium	115-1	15097602	15058572	14730820	14962331	1.35	cps
Indium	115-2	5774166	5763383	5767069	5768206	0.10	cps
Iron	56-2	352819901	351454888	351449435	351908075	0.22	cps
Iron	57-2	8669767	8673616	8681283	8674888	0.07	cps
Iron	54-2	19179896	19301508	19040606	19174003	0.68	cps
Krypton	83-1	327	297	370	331	11.14	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : P5178-20MS Instrumnet Name : P7
Client Sample ID : MYCZ88SRE Dilution Factor : 1
Date & Time Acquired : 2024-12-18 17:00:36 DataFile Name : 066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	983609	984815	982738	983720	0.11	cps
Lead	207-1	797490	801874	795631	798331	0.40	cps
Lead	208-1	3841923	3833966	3821789	3832559	0.26	cps
Lithium	6-1	1856768	1850554	1814630	1840651	1.24	cps
Magnesium	24-2	9277137	9191394	9187777	9218769	0.55	cps
Manganese	55-2	15842164	15859947	15754146	15818753	0.36	cps
Molybdenum	94-1	52972	53123	51969	52688	1.19	cps
Molybdenum	95-1	3370	3204	3177	3250	3.22	cps
Molybdenum	96-1	15982	15865	15562	15803	1.37	cps
Molybdenum	97-1	1953	2047	1780	1927	7.02	cps
Molybdenum	98-1	5221	5118	5211	5183	1.10	cps
Neodymium	150-1	206996	208978	204375	206783	1.12	cps
Neodymium	150-2	129418	129720	130686	129941	0.51	cps
Nickel	60-2	3883648	3989440	3964626	3945905	1.40	cps
Phosphorus	31-2	36510	37008	36764	36761	0.68	cps
Potassium	39-2	2868733	2883755	2890936	2881142	0.39	cps
Rhodium	103-1	14116917	13839689	13420082	13792229	2.54	cps
Rhodium	103-2	8292223	8368403	8336928	8332518	0.46	cps
Scandium	45-1	8448045	8370856	8220360	8346421	1.39	cps
Scandium	45-2	734463	731485	735305	733751	0.27	cps
Selenium	82-1	83823	84228	83625	83892	0.37	cps
Selenium	77-2	9950	9793	9980	9908	1.01	cps
Selenium	78-2	32092	32312	32499	32301	0.63	cps
Silicon	28-1	40540826	40490179	40025540	40352182	0.70	cps
Silver	107-1	2966149	2959295	2901661	2942368	1.20	cps
Silver	109-1	2837770	2808036	2781961	2809256	0.99	cps
Sodium	23-2	153745	152873	153102	153240	0.30	cps
Strontium	86-1	780072	780583	775743	778799	0.34	cps
Strontium	88-1	6995041	6989337	6809929	6931435	1.52	cps
Sulfur	34-1	171170	171271	166304	169582	1.67	cps
Terbium	159-1	19035766	18891915	18663399	18863693	1.00	cps
Terbium	159-2	13377767	13391456	13176065	13315096	0.91	cps
Thallium	203-1	2294197	2315128	2302991	2304105	0.46	cps
Thallium	205-1	5585660	5439101	5474536	5499765	1.39	cps
Tin	118-1	3867	3761	3737	3788	1.83	cps
Titanium	47-1	410350	412433	404622	409135	0.99	cps

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

P5178-20MS

Instrumnet Name :

P7

Client Sample ID :

MYCZ88SRE

Dilution Factor :

1

Date & Time Acquired :

2024-12-18 17:00:36

DataFile Name :

066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	32349	32754	31922	32342	1.29	cps
Vanadium	51-2	8904445	8871859	8931552	8902619	0.34	cps
Yttrium	89-1	19492220	19229301	18727248	19149590	2.03	cps
Yttrium	89-2	5269915	5340030	5393843	5334596	1.16	cps
Zinc	66-2	2065261	2055529	2077745	2066178	0.54	cps
Zirconium	90-1	138381	138509	138415	138435	0.05	cps
Zirconium	91-1	31698	31731	30428	31286	2.37	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : P5179-20 Instrumnet Name : P7
Client Sample ID : MYCZA8 Dilution Factor : 1
Date & Time Acquired : 2024-12-18 17:03:30 DataFile Name : 067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	26240743	25784973	26217520	26081079	0.98	cps
Antimony	121-1	5615	5288	5761	5554	4.36	cps
Arsenic	75-2	42344	42457	43463	42755	1.44	cps
Barium	135-1	302171	299465	299724	300453	0.50	cps
Barium	137-1	520405	519420	517449	519091	0.29	cps
Beryllium	9-1	843	810	757	803	5.44	cps
Bismuth	209-1	11278314	11101474	10970692	11116827	1.39	cps
Bismuth	209-2	9245648	9347522	9258551	9283907	0.60	cps
Bromine	81-1	18128	18365	17908	18133	1.26	cps
Bromine	81-2	360	403	460	408	12.30	cps
Cadmium	108-1	273	280	270	274	1.86	cps
Cadmium	106-1	5118	5051	5014	5061	1.04	cps
Cadmium	111-1	5801	5773	5658	5744	1.32	cps
Calcium	43-1	1409691	1395782	1392974	1399482	0.64	cps
Calcium	44-1	22825803	22629211	22555711	22670242	0.62	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1668201	1675288	1680159	1674549	0.36	cps
Cobalt	59-2	1008189	1002390	1005652	1005410	0.29	cps
Copper	63-2	2274866	2246207	2264702	2261925	0.64	cps
Dysprosium	156-1	62448	62351	61872	62224	0.50	cps
Dysprosium	156-2	49243	50286	49386	49638	1.14	cps
Erbium	164-1	83511	82934	81539	82661	1.23	cps
Erbium	164-2	60925	61347	60581	60951	0.63	cps
Gadolinium	160-1	69149	69454	68610	69071	0.62	cps
Gadolinium	160-2	52735	52505	52270	52503	0.44	cps
Holmium	165-1	18670988	18149196	18214124	18344770	1.55	cps
Holmium	165-2	13256772	13348675	13084996	13230148	1.01	cps
Indium	115-1	15368133	15035105	14978529	15127256	1.39	cps
Indium	115-2	5887179	5759833	5861734	5836249	1.15	cps
Iron	56-2	963855239	952951959	960378012	959061737	0.58	cps
Iron	57-2	23616155	23373203	23525836	23505065	0.52	cps
Iron	54-2	52008286	51489466	52229708	51909153	0.73	cps
Krypton	83-1	337	423	357	372	12.19	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : P5179-20 Instrumnet Name : P7
Client Sample ID : MYCZA8 Dilution Factor : 1
Date & Time Acquired : 2024-12-18 17:03:30 DataFile Name : 067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	148942	147975	147531	148149	0.49	cps
Lead	207-1	128639	126910	126415	127321	0.92	cps
Lead	208-1	588365	581987	576292	582214	1.04	cps
Lithium	6-1	1865522	1830830	1855965	1850772	0.97	cps
Magnesium	24-2	32369550	32124059	32376138	32289915	0.44	cps
Manganese	55-2	17585478	17369791	17522007	17492425	0.63	cps
Molybdenum	94-1	21062	20648	20287	20666	1.88	cps
Molybdenum	95-1	4094	4374	4367	4278	3.74	cps
Molybdenum	96-1	17821	17951	17637	17803	0.89	cps
Molybdenum	97-1	2517	2564	2660	2580	2.83	cps
Molybdenum	98-1	5905	6218	6228	6117	3.01	cps
Neodymium	150-1	67162	66583	65963	66569	0.90	cps
Neodymium	150-2	42163	41705	41511	41793	0.80	cps
Nickel	60-2	405822	402541	401009	403124	0.61	cps
Phosphorus	31-2	19579	19529	20240	19783	2.01	cps
Potassium	39-2	1803550	1790242	1808422	1800738	0.52	cps
Rhodium	103-1	13973101	13880411	13591813	13815108	1.44	cps
Rhodium	103-2	8481534	8429513	8356736	8422594	0.74	cps
Scandium	45-1	9687878	9585702	9562032	9611871	0.70	cps
Scandium	45-2	859633	851790	855449	855624	0.46	cps
Selenium	82-1	381	408	448	412	8.26	cps
Selenium	77-2	123	127	137	129	5.39	cps
Selenium	78-2	703	647	753	701	7.61	cps
Silicon	28-1	29001805	28970156	28476458	28816140	1.02	cps
Silver	107-1	3600	3364	3314	3426	4.47	cps
Silver	109-1	3194	3127	2950	3090	4.07	cps
Sodium	23-2	123403	123557	123070	123343	0.20	cps
Strontium	86-1	300267	297525	296862	298218	0.61	cps
Strontium	88-1	2704348	2640687	2682205	2675747	1.21	cps
Sulfur	34-1	174622	178213	181112	177982	1.83	cps
Terbium	159-1	19251175	18982157	18636716	18956683	1.62	cps
Terbium	159-2	13474994	13246854	13315897	13345915	0.88	cps
Thallium	203-1	2747	2784	2414	2648	7.70	cps
Thallium	205-1	6488	6091	6362	6314	3.21	cps
Tin	118-1	5011	4601	4494	4702	5.80	cps
Titanium	47-1	2590435	2578321	2575261	2581339	0.31	cps

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

P5179-20

Instrumnet Name :

P7

Client Sample ID :

MYCZA8

Dilution Factor :

1

Date & Time Acquired :

2024-12-18 17:03:30

DataFile Name :

067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	9904	9293	9961	9719	3.81	cps
Vanadium	51-2	2609536	2660539	2639074	2636383	0.97	cps
Yttrium	89-1	19355951	18995693	19250021	19200555	0.96	cps
Yttrium	89-2	5425632	5459034	5476966	5453877	0.48	cps
Zinc	66-2	259584	256513	255005	257034	0.91	cps
Zirconium	90-1	48637	48299	48523	48486	0.35	cps
Zirconium	91-1	10584	11198	10974	10919	2.85	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : P5179-21 Instrumnet Name : P7
Client Sample ID : MYCZA8D Dilution Factor : 1
Date & Time Acquired : 2024-12-18 17:06:32 DataFile Name : 068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	26378554	26316473	26524039	26406355	0.40	cps
Antimony	121-1	73540	73259	72260	73020	0.92	cps
Arsenic	75-2	43467	43942	43330	43579	0.74	cps
Barium	135-1	294911	295145	293238	294432	0.35	cps
Barium	137-1	512221	508768	506177	509056	0.60	cps
Beryllium	9-1	813	853	780	816	4.50	cps
Bismuth	209-1	10964927	10929713	10847589	10914076	0.55	cps
Bismuth	209-2	9126187	9315389	9258031	9233202	1.05	cps
Bromine	81-1	17878	16946	17233	17353	2.75	cps
Bromine	81-2	417	477	447	447	6.72	cps
Cadmium	108-1	313	347	290	317	8.99	cps
Cadmium	106-1	5508	4838	4994	5113	6.86	cps
Cadmium	111-1	6503	5867	6103	6158	5.22	cps
Calcium	43-1	1611309	1613783	1620406	1615166	0.29	cps
Calcium	44-1	25859350	26002050	25779397	25880266	0.44	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1666791	1659550	1661372	1662571	0.23	cps
Cobalt	59-2	1010008	1010161	1003421	1007863	0.38	cps
Copper	63-2	2211448	2224722	2245580	2227250	0.77	cps
Dysprosium	156-1	61865	62451	62053	62123	0.48	cps
Dysprosium	156-2	49333	49397	49199	49310	0.20	cps
Erbium	164-1	82441	81972	81338	81917	0.68	cps
Erbium	164-2	59566	59603	59730	59633	0.14	cps
Gadolinium	160-1	68590	69056	67354	68333	1.29	cps
Gadolinium	160-2	52903	52966	52551	52807	0.42	cps
Holmium	165-1	18467853	18322021	18002716	18264197	1.30	cps
Holmium	165-2	13312131	13060900	13210678	13194570	0.96	cps
Indium	115-1	15125725	14956043	14796398	14959389	1.10	cps
Indium	115-2	5795504	5830647	5802712	5809621	0.32	cps
Iron	56-2	966690999	955513612	961348972	961184528	0.58	cps
Iron	57-2	23673335	23808610	23646439	23709461	0.37	cps
Iron	54-2	52246511	52103664	52045619	52131931	0.20	cps
Krypton	83-1	437	337	310	361	18.49	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : P5179-21 Instrumnet Name : P7
Client Sample ID : MYCZA8D Dilution Factor : 1
Date & Time Acquired : 2024-12-18 17:06:32 DataFile Name : 068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1152343	1161962	1153275	1155860	0.46	cps
Lead	207-1	947841	949628	940735	946068	0.50	cps
Lead	208-1	4522801	4514035	4515136	4517324	0.11	cps
Lithium	6-1	1821948	1820705	1820298	1820984	0.05	cps
Magnesium	24-2	32778940	32591880	32456138	32608986	0.50	cps
Manganese	55-2	17389090	17116974	17251639	17252568	0.79	cps
Molybdenum	94-1	23235	23249	23562	23349	0.79	cps
Molybdenum	95-1	6141	5938	6268	6116	2.72	cps
Molybdenum	96-1	19567	19994	19770	19777	1.08	cps
Molybdenum	97-1	3584	3867	3747	3733	3.81	cps
Molybdenum	98-1	9216	9150	8656	9007	3.40	cps
Neodymium	150-1	65488	65153	65615	65418	0.36	cps
Neodymium	150-2	41618	41658	41534	41603	0.15	cps
Nickel	60-2	405355	404279	402058	403897	0.42	cps
Phosphorus	31-2	20591	19723	20571	20295	2.44	cps
Potassium	39-2	1852004	1871076	1875462	1866181	0.67	cps
Rhodium	103-1	13906763	13754946	13579426	13747045	1.19	cps
Rhodium	103-2	8351455	8422653	8353701	8375936	0.48	cps
Scandium	45-1	9764170	9583432	9452611	9600071	1.63	cps
Scandium	45-2	866357	863552	864712	864874	0.16	cps
Selenium	82-1	447	537	513	499	9.35	cps
Selenium	77-2	147	157	147	150	3.85	cps
Selenium	78-2	687	697	760	714	5.57	cps
Silicon	28-1	27445320	27223116	27484155	27384197	0.51	cps
Silver	107-1	4051	4357	4361	4256	4.18	cps
Silver	109-1	4001	3837	3914	3917	2.09	cps
Sodium	23-2	133334	133193	137985	134837	2.02	cps
Strontium	86-1	286576	284249	283055	284627	0.63	cps
Strontium	88-1	2509305	2489980	2527187	2508824	0.74	cps
Sulfur	34-1	182310	179116	180688	180705	0.88	cps
Terbium	159-1	18999846	19004521	18732893	18912420	0.82	cps
Terbium	159-2	13344138	13266776	13368266	13326394	0.40	cps
Thallium	203-1	5765	5771	5828	5788	0.60	cps
Thallium	205-1	13500	13657	13156	13438	1.91	cps
Tin	118-1	8249	8669	8406	8441	2.52	cps
Titanium	47-1	2592716	2625727	2595195	2604546	0.71	cps

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

P5179-21

Instrumnet Name :

P7

Client Sample ID :

MYCZA8D

Dilution Factor :

1

Date & Time Acquired :

2024-12-18 17:06:32

DataFile Name :

068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	8963	9323	9363	9217	2.39	cps
Vanadium	51-2	2708950	2658093	2679587	2682210	0.95	cps
Yttrium	89-1	19302530	19069900	18896496	19089642	1.07	cps
Yttrium	89-2	5405385	5477847	5463713	5448981	0.70	cps
Zinc	66-2	260948	260162	260603	260571	0.15	cps
Zirconium	90-1	53096	53269	52865	53077	0.38	cps
Zirconium	91-1	11651	12168	11608	11809	2.64	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : P5179-20LX5 Instrumnet Name : P7
Client Sample ID : MYCZA8L Dilution Factor : 5
Date & Time Acquired : 2024-12-18 17:09:36 DataFile Name : 069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5317802	5343976	5257161	5306313	0.84	cps
Antimony	121-1	1083	1120	1110	1104	1.72	cps
Arsenic	75-2	8746	8669	8676	8697	0.49	cps
Barium	135-1	58784	59765	59165	59238	0.83	cps
Barium	137-1	101476	103423	103805	102901	1.21	cps
Beryllium	9-1	193	197	170	187	7.79	cps
Bismuth	209-1	10984740	10845736	9783076	10537851	6.24	cps
Bismuth	209-2	9460323	9242942	9147436	9283567	1.73	cps
Bromine	81-1	16649	16716	16586	16651	0.39	cps
Bromine	81-2	167	190	123	160	21.14	cps
Cadmium	108-1	33	80	73	62	40.57	cps
Cadmium	106-1	4131	3994	3570	3898	7.49	cps
Cadmium	111-1	3408	3216	2855	3160	8.89	cps
Calcium	43-1	286882	289387	290869	289046	0.70	cps
Calcium	44-1	4530921	4541065	4574457	4548814	0.50	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	333350	334080	334331	333921	0.15	cps
Cobalt	59-2	210025	209099	207084	208736	0.72	cps
Copper	63-2	462733	468433	465706	465624	0.61	cps
Dysprosium	156-1	11822	11949	12676	12149	3.79	cps
Dysprosium	156-2	10134	9980	9977	10030	0.89	cps
Erbium	164-1	16076	15842	16133	16017	0.96	cps
Erbium	164-2	11578	11939	12179	11898	2.54	cps
Gadolinium	160-1	13473	13403	13453	13443	0.27	cps
Gadolinium	160-2	11215	10968	11048	11077	1.14	cps
Holmium	165-1	17832388	17827432	15961850	17207223	6.27	cps
Holmium	165-2	13056020	12850559	12863770	12923450	0.89	cps
Indium	115-1	14871198	14647949	13367239	14295462	5.68	cps
Indium	115-2	5958809	5779016	5811470	5849765	1.64	cps
Iron	56-2	196253690	195883024	195114264	195750326	0.30	cps
Iron	57-2	4835684	4842354	4785695	4821245	0.64	cps
Iron	54-2	10545605	10598943	10596007	10580185	0.28	cps
Krypton	83-1	193	233	270	232	16.51	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : P5179-20LX5 Instrumnet Name : P7
Client Sample ID : MYCZA8L Dilution Factor : 5
Date & Time Acquired : 2024-12-18 17:09:36 DataFile Name : 069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	30324	30788	30658	30590	0.78	cps
Lead	207-1	25517	25240	25534	25431	0.65	cps
Lead	208-1	117531	117788	118722	118013	0.53	cps
Lithium	6-1	1818187	1777688	1629053	1741643	5.72	cps
Magnesium	24-2	6611892	6619739	6573491	6601707	0.37	cps
Manganese	55-2	3613632	3580867	3556259	3583586	0.80	cps
Molybdenum	94-1	4374	4511	4444	4443	1.54	cps
Molybdenum	95-1	1027	947	1030	1001	4.71	cps
Molybdenum	96-1	3600	3757	3791	3716	2.73	cps
Molybdenum	97-1	543	603	573	573	5.23	cps
Molybdenum	98-1	1510	1417	1347	1425	5.75	cps
Neodymium	150-1	12923	13310	13580	13271	2.49	cps
Neodymium	150-2	8409	8289	8356	8351	0.72	cps
Nickel	60-2	84979	84449	85589	85006	0.67	cps
Phosphorus	31-2	4067	4207	3894	4056	3.87	cps
Potassium	39-2	423968	430151	426949	427023	0.72	cps
Rhodium	103-1	13770772	13819371	12428527	13339557	5.92	cps
Rhodium	103-2	8643386	8501412	8359649	8501482	1.67	cps
Scandium	45-1	8420690	8468912	7545768	8145123	6.38	cps
Scandium	45-2	781467	767000	767228	771898	1.07	cps
Selenium	82-1	330	265	179	258	29.28	cps
Selenium	77-2	10	40	27	26	58.81	cps
Selenium	78-2	600	507	673	593	14.08	cps
Silicon	28-1	6464500	6546358	6475206	6495355	0.69	cps
Silver	107-1	800	783	753	779	3.04	cps
Silver	109-1	733	700	763	732	4.33	cps
Sodium	23-2	50372	50222	49890	50161	0.49	cps
Strontium	86-1	59547	59982	60313	59947	0.64	cps
Strontium	88-1	513641	520333	526430	520135	1.23	cps
Sulfur	34-1	168281	167099	166166	167182	0.63	cps
Terbium	159-1	18433587	18326634	16528661	17762961	6.03	cps
Terbium	159-2	13354465	13113894	13181116	13216492	0.94	cps
Thallium	203-1	1087	1130	1000	1072	6.17	cps
Thallium	205-1	2460	2440	2284	2395	4.04	cps
Tin	118-1	3104	3417	3317	3279	4.88	cps
Titanium	47-1	500812	510154	510865	507277	1.11	cps

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

P5179-20LX5

Instrumnet Name :

P7

Client Sample ID :

MYCZA8L

Dilution Factor :

5

Date & Time Acquired :

2024-12-18 17:09:36

DataFile Name :

069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1990	1937	1904	1944	2.25	cps
Vanadium	51-2	526897	527559	526615	527024	0.09	cps
Yttrium	89-1	17834535	17709009	16104746	17216097	5.60	cps
Yttrium	89-2	5230040	5152296	5087137	5156491	1.39	cps
Zinc	66-2	54583	53649	54261	54164	0.88	cps
Zirconium	90-1	10327	10180	10494	10334	1.52	cps
Zirconium	91-1	2390	2367	2430	2396	1.34	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : P5179-22 Instrumnet Name : P7
Client Sample ID : MYCZA8S Dilution Factor : 1
Date & Time Acquired : 2024-12-18 17:12:45 DataFile Name : 070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25901026	25688395	25648605	25746009	0.53	cps
Antimony	121-1	1072019	1086919	1077584	1078840	0.70	cps
Arsenic	75-2	66277	64817	65263	65452	1.14	cps
Barium	135-1	5912988	5859426	5832950	5868455	0.69	cps
Barium	137-1	10139038	10161959	9971002	10090666	1.03	cps
Beryllium	9-1	52763	52783	52385	52643	0.43	cps
Bismuth	209-1	11023201	10860367	10805944	10896504	1.04	cps
Bismuth	209-2	9221110	9127310	9219695	9189372	0.58	cps
Bromine	81-1	17400	17040	16449	16963	2.83	cps
Bromine	81-2	363	480	423	422	13.82	cps
Cadmium	108-1	9573	9246	9263	9361	1.97	cps
Cadmium	106-1	17274	17854	16666	17265	3.44	cps
Cadmium	111-1	145925	144463	142526	144305	1.18	cps
Calcium	43-1	1397241	1427649	1388454	1404448	1.46	cps
Calcium	44-1	22877188	22602936	22434383	22638169	0.99	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2545330	2497516	2469287	2504044	1.54	cps
Cobalt	59-2	4527572	4463707	4486317	4492532	0.72	cps
Copper	63-2	3430838	3395920	3402524	3409761	0.54	cps
Dysprosium	156-1	60389	61477	60811	60892	0.90	cps
Dysprosium	156-2	48022	48744	48483	48416	0.76	cps
Erbium	164-1	79219	81412	79669	80100	1.45	cps
Erbium	164-2	59382	58756	59355	59165	0.60	cps
Gadolinium	160-1	68014	68098	66641	67584	1.21	cps
Gadolinium	160-2	51454	51414	51310	51393	0.14	cps
Holmium	165-1	18359975	18169593	17973549	18167706	1.06	cps
Holmium	165-2	13144777	13056878	13067553	13089736	0.37	cps
Indium	115-1	15152668	14962000	14704549	14939739	1.51	cps
Indium	115-2	5764014	5748555	5679420	5730663	0.79	cps
Iron	56-2	936296733	946256706	932955213	938502884	0.74	cps
Iron	57-2	23302175	23270925	23261800	23278300	0.09	cps
Iron	54-2	50845813	51298099	50267478	50803796	1.02	cps
Krypton	83-1	447	387	337	390	14.12	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : P5179-22 Instrumnet Name : P7
Client Sample ID : MYCZA8S Dilution Factor : 1
Date & Time Acquired : 2024-12-18 17:12:45 DataFile Name : 070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	427761	426696	423877	426111	0.47	cps
Lead	207-1	355482	357194	354214	355630	0.42	cps
Lead	208-1	1647563	1653567	1644885	1648671	0.27	cps
Lithium	6-1	1813227	1795141	1807580	1805316	0.51	cps
Magnesium	24-2	31218200	31642434	31117845	31326160	0.89	cps
Manganese	55-2	18823127	18814413	18628256	18755265	0.59	cps
Molybdenum	94-1	20441	20077	20354	20291	0.94	cps
Molybdenum	95-1	4381	4441	4381	4401	0.79	cps
Molybdenum	96-1	17481	17687	17564	17577	0.59	cps
Molybdenum	97-1	2457	2514	2574	2515	2.32	cps
Molybdenum	98-1	6371	6248	6161	6260	1.69	cps
Neodymium	150-1	66077	66010	64982	65690	0.93	cps
Neodymium	150-2	41120	41855	40876	41284	1.24	cps
Nickel	60-2	1261933	1255636	1255093	1257554	0.30	cps
Phosphorus	31-2	19012	18498	18982	18831	1.53	cps
Potassium	39-2	1748091	1736578	1736645	1740438	0.38	cps
Rhodium	103-1	13763228	13778720	13396730	13646226	1.58	cps
Rhodium	103-2	8349121	8321207	8194059	8288129	1.00	cps
Scandium	45-1	9638549	9484086	9416441	9513025	1.20	cps
Scandium	45-2	845576	847500	832605	841894	0.96	cps
Selenium	82-1	16035	16166	16159	16120	0.46	cps
Selenium	77-2	1943	1993	1923	1953	1.85	cps
Selenium	78-2	6618	6421	6805	6615	2.90	cps
Silicon	28-1	28654056	27917127	27515665	28028949	2.06	cps
Silver	107-1	650370	653020	646002	649797	0.55	cps
Silver	109-1	627763	627399	619641	624934	0.73	cps
Sodium	23-2	118192	117275	119663	118377	1.02	cps
Strontium	86-1	296473	292692	291510	293558	0.88	cps
Strontium	88-1	2607036	2624583	2577126	2602915	0.92	cps
Sulfur	34-1	179972	176594	173725	176764	1.77	cps
Terbium	159-1	18920700	18736010	18693066	18783259	0.64	cps
Terbium	159-2	13156630	13152462	13277254	13195449	0.54	cps
Thallium	203-1	505033	505205	503498	504578	0.19	cps
Thallium	205-1	1199372	1208585	1196827	1201595	0.51	cps
Tin	118-1	4948	5138	5001	5029	1.95	cps
Titanium	47-1	2564295	2556063	2542618	2554325	0.43	cps

LB Number :LB134003

Operator :Jaswal

Lab Sample ID :P5179-22

Instrumnet Name :P7

Client Sample ID :MYCZA8S

Dilution Factor :1

Date & Time Acquired :2024-12-18 17:12:45

DataFile Name :070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	9263	9503	9347	9371	1.30	cps
Vanadium	51-2	4642178	4611585	4541841	4598535	1.12	cps
Yttrium	89-1	19247592	19019918	18984054	19083855	0.75	cps
Yttrium	89-2	5376791	5377182	5323141	5359038	0.58	cps
Zinc	66-2	671602	668446	672455	670834	0.31	cps
Zirconium	90-1	48667	47841	47710	48073	1.08	cps
Zirconium	91-1	11074	10841	10454	10790	2.90	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : P5179-20MS Instrumnet Name : P7
Client Sample ID : MYCZA8SRE Dilution Factor : 1
Date & Time Acquired : 2024-12-18 17:15:44 DataFile Name : 071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	26586340	26357241	26235990	26393190	0.67	cps
Antimony	121-1	4541066	4647120	4554273	4580820	1.26	cps
Arsenic	75-2	141123	139946	139084	140051	0.73	cps
Barium	135-1	23276007	23662176	23303442	23413875	0.92	cps
Barium	137-1	39653919	40778213	40563394	40331842	1.48	cps
Beryllium	9-1	212128	218306	219625	216687	1.85	cps
Bismuth	209-1	11732390	10942097	10800991	11158493	4.50	cps
Bismuth	209-2	8124047	9433226	9186583	8914619	7.80	cps
Bromine	81-1	16603	16880	16913	16799	1.01	cps
Bromine	81-2	407	447	430	428	4.70	cps
Cadmium	108-1	37599	37565	37549	37571	0.07	cps
Cadmium	106-1	55970	56637	56673	56427	0.70	cps
Cadmium	111-1	566823	581474	578864	575720	1.36	cps
Calcium	43-1	1323949	1321676	1338612	1328079	0.69	cps
Calcium	44-1	21489511	21415867	21734711	21546696	0.77	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5304169	5289744	5269568	5287827	0.33	cps
Cobalt	59-2	15719429	15548320	15518222	15595324	0.70	cps
Copper	63-2	7167258	7085696	7090348	7114434	0.64	cps
Dysprosium	156-1	57654	58130	58910	58231	1.09	cps
Dysprosium	156-2	48286	48614	47329	48076	1.39	cps
Erbium	164-1	76337	78478	78227	77681	1.51	cps
Erbium	164-2	58120	57203	57140	57488	0.95	cps
Gadolinium	160-1	63901	65402	64350	64551	1.19	cps
Gadolinium	160-2	50313	49464	50350	50042	1.00	cps
Holmium	165-1	19428933	18221807	17853833	18501524	4.45	cps
Holmium	165-2	11535459	13306127	13022736	12621441	7.54	cps
Indium	115-1	15913762	14763517	14684066	15120448	4.55	cps
Indium	115-2	5099720	5832071	5716053	5549281	7.09	cps
Iron	56-2	928721826	908626226	913978680	917108911	1.13	cps
Iron	57-2	22849439	22469814	22738590	22685947	0.86	cps
Iron	54-2	49882988	49531881	49379166	49598011	0.52	cps
Krypton	83-1	353	353	397	368	6.80	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : P5179-20MS Instrumnet Name : P7
Client Sample ID : MYCZA8SRE Dilution Factor : 1
Date & Time Acquired : 2024-12-18 17:15:44 DataFile Name : 071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	948399	977048	971025	965491	1.56	cps
Lead	207-1	776548	799083	797545	791059	1.59	cps
Lead	208-1	3753370	3826103	3829889	3803121	1.13	cps
Lithium	6-1	1856447	1759078	1756764	1790763	3.18	cps
Magnesium	24-2	30517345	30268174	30024920	30270146	0.81	cps
Manganese	55-2	24183541	23723393	23707250	23871395	1.13	cps
Molybdenum	94-1	19433	20358	19173	19654	3.17	cps
Molybdenum	95-1	4381	4454	4241	4358	2.49	cps
Molybdenum	96-1	17344	17120	16967	17143	1.11	cps
Molybdenum	97-1	2617	2587	2437	2547	3.79	cps
Molybdenum	98-1	6351	6391	6672	6471	2.70	cps
Neodymium	150-1	61888	63967	64530	63462	2.19	cps
Neodymium	150-2	39408	39418	39465	39431	0.08	cps
Nickel	60-2	4169676	4099022	4101406	4123368	0.97	cps
Phosphorus	31-2	18334	17851	18027	18071	1.35	cps
Potassium	39-2	1662871	1656892	1655510	1658424	0.24	cps
Rhodium	103-1	14476835	13694329	13335393	13835519	4.22	cps
Rhodium	103-2	7292544	8353596	8270572	7972237	7.40	cps
Scandium	45-1	9921632	9264711	9312345	9499563	3.86	cps
Scandium	45-2	752110	838171	835866	808716	6.06	cps
Selenium	82-1	78423	80077	79229	79243	1.04	cps
Selenium	77-2	9293	9410	9677	9460	2.08	cps
Selenium	78-2	31129	31393	30876	31133	0.83	cps
Silicon	28-1	26424250	27124725	26795865	26781614	1.31	cps
Silver	107-1	1783417	4837523	2078869	2899936	58.09	cps
Silver	109-1	1838166	1801042	2576926	2072044	21.12	cps
Sodium	23-2	114709	113860	114159	114243	0.38	cps
Strontium	86-1	273498	276296	276405	275400	0.60	cps
Strontium	88-1	2435847	2509926	2483807	2476527	1.52	cps
Sulfur	34-1	171322	171409	168225	170319	1.07	cps
Terbium	159-1	20204784	18739371	18695413	19213189	4.47	cps
Terbium	159-2	11548362	13452556	13197433	12732784	8.12	cps
Thallium	203-1	2212263	2230449	2184794	2209169	1.04	cps
Thallium	205-1	5275945	5283300	5228796	5262681	0.56	cps
Tin	118-1	4974	5038	4971	4994	0.75	cps
Titanium	47-1	2420093	2439446	2469851	2443130	1.03	cps

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

P5179-20MS

Instrumnet Name :

P7

Client Sample ID :

MYCZA8SRE

Dilution Factor :

1

Date & Time Acquired :

2024-12-18 17:15:44

DataFile Name :

071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	9070	8986	9100	9052	0.65	cps
Vanadium	51-2	10846890	10735579	10676604	10753024	0.80	cps
Yttrium	89-1	19930385	18870217	18761923	19187508	3.36	cps
Yttrium	89-2	4712386	5334813	5389262	5145487	7.31	cps
Zinc	66-2	2032177	2049495	2037175	2039616	0.44	cps
Zirconium	90-1	44430	46055	45935	45474	1.99	cps
Zirconium	91-1	10564	10601	10741	10635	0.88	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : P5172-20DLX4 Instrumnet Name : P7
Client Sample ID : MYCZ38 Dilution Factor : 4
Date & Time Acquired : 2024-12-18 17:18:35 DataFile Name : 072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3421890	3497429	3441990	3453770	1.13	cps
Antimony	121-1	4197	4547	4241	4328	4.41	cps
Arsenic	75-2	16956	17137	17137	17077	0.61	cps
Barium	135-1	507186	508485	505037	506902	0.34	cps
Barium	137-1	873249	877417	874564	875077	0.24	cps
Beryllium	9-1	613	717	737	689	9.61	cps
Bismuth	209-1	11410345	11178458	11195399	11261401	1.15	cps
Bismuth	209-2	9575851	9608234	9579847	9587977	0.18	cps
Bromine	81-1	17631	17844	17814	17763	0.65	cps
Bromine	81-2	307	273	333	304	9.87	cps
Cadmium	108-1	200	267	243	237	14.29	cps
Cadmium	106-1	4778	4627	4694	4700	1.60	cps
Cadmium	111-1	5394	5553	5402	5450	1.64	cps
Calcium	43-1	260610	260593	258343	259849	0.50	cps
Calcium	44-1	4099300	4108445	4040851	4082865	0.90	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	104163	104254	103649	104022	0.31	cps
Cobalt	59-2	87483	87480	87272	87411	0.14	cps
Copper	63-2	421563	422822	419157	421181	0.44	cps
Dysprosium	156-1	36113	36387	36030	36177	0.52	cps
Dysprosium	156-2	32581	32411	33884	32959	2.45	cps
Erbium	164-1	30390	30219	30801	30470	0.98	cps
Erbium	164-2	23049	22431	22268	22583	1.82	cps
Gadolinium	160-1	34940	34940	34689	34857	0.42	cps
Gadolinium	160-2	27203	26729	27393	27108	1.26	cps
Holmium	165-1	18118181	18069646	17984301	18057376	0.38	cps
Holmium	165-2	13446030	13362476	13231437	13346648	0.81	cps
Indium	115-1	15185660	14979607	14977400	15047556	0.79	cps
Indium	115-2	5856368	5741515	5812370	5803418	1.00	cps
Iron	56-2	117906745	118652528	117231855	117930376	0.60	cps
Iron	57-2	2924454	2928349	2901224	2918009	0.50	cps
Iron	54-2	6344399	6381519	6369485	6365134	0.30	cps
Krypton	83-1	267	287	277	277	3.61	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : P5172-20DLX4 Instrumnet Name : P7
Client Sample ID : MYCZ38 Dilution Factor : 4
Date & Time Acquired : 2024-12-18 17:18:35 DataFile Name : 072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	650205	649105	658298	652536	0.77	cps
Lead	207-1	572843	575702	570329	572958	0.47	cps
Lead	208-1	2584961	2602143	2605446	2597517	0.42	cps
Lithium	6-1	1822226	1800188	1848015	1823476	1.31	cps
Magnesium	24-2	2555350	2583315	2560048	2566237	0.58	cps
Manganese	55-2	2433758	2466523	2476707	2458996	0.91	cps
Molybdenum	94-1	33468	33598	33405	33490	0.29	cps
Molybdenum	95-1	1830	1603	1547	1660	9.03	cps
Molybdenum	96-1	8429	8703	8096	8409	3.62	cps
Molybdenum	97-1	993	1050	1107	1050	5.40	cps
Molybdenum	98-1	2470	2494	2647	2537	3.78	cps
Neodymium	150-1	64878	64202	64989	64690	0.66	cps
Neodymium	150-2	40575	41190	40736	40833	0.78	cps
Nickel	60-2	49057	49535	48324	48972	1.25	cps
Phosphorus	31-2	12689	13156	13022	12956	1.86	cps
Potassium	39-2	2367158	2384906	2368170	2373411	0.42	cps
Rhodium	103-1	14229205	14119672	13882394	14077090	1.26	cps
Rhodium	103-2	8657387	8490061	8581435	8576294	0.98	cps
Scandium	45-1	8291635	8268036	8161403	8240358	0.84	cps
Scandium	45-2	740906	737178	736639	738241	0.31	cps
Selenium	82-1	362	378	323	354	7.87	cps
Selenium	77-2	127	123	90	113	17.89	cps
Selenium	78-2	660	627	787	691	12.21	cps
Silicon	28-1	13670313	13611639	13617971	13633307	0.24	cps
Silver	107-1	4944	4724	4644	4771	3.26	cps
Silver	109-1	4818	4494	4597	4636	3.56	cps
Sodium	23-2	54345	53362	53636	53781	0.94	cps
Strontium	86-1	166287	167763	166793	166948	0.45	cps
Strontium	88-1	1458112	1460755	1481124	1466664	0.86	cps
Sulfur	34-1	177221	177329	176962	177171	0.11	cps
Terbium	159-1	18888591	18725569	18556426	18723529	0.89	cps
Terbium	159-2	13483876	13446154	13365412	13431814	0.45	cps
Thallium	203-1	2080	2034	1990	2035	2.21	cps
Thallium	205-1	4948	4958	4871	4925	0.96	cps
Tin	118-1	46889	46822	47337	47016	0.60	cps
Titanium	47-1	226926	227342	224309	226192	0.73	cps

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

P5172-20DLX4

Instrumnet Name :

P7

Client Sample ID :

MYCZ38

Dilution Factor :

4

Date & Time Acquired :

2024-12-18 17:18:35

DataFile Name :

072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10064	9757	9854	9892	1.59	cps
Vanadium	51-2	169264	170474	169641	169793	0.36	cps
Yttrium	89-1	18215104	18086498	17985442	18095681	0.64	cps
Yttrium	89-2	5227628	5189611	5171353	5196197	0.55	cps
Zinc	66-2	194225	194583	192774	193861	0.49	cps
Zirconium	90-1	87803	87807	88517	88043	0.47	cps
Zirconium	91-1	19583	19386	20077	19682	1.81	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : P5172-21DLX4 Instrumnet Name : P7
Client Sample ID : MYCZ38D Dilution Factor : 4
Date & Time Acquired : 2024-12-18 17:21:45 DataFile Name : 073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3424355	3442698	3380110	3415721	0.94	cps
Antimony	121-1	2737	2850	2834	2807	2.18	cps
Arsenic	75-2	16463	16533	16649	16548	0.57	cps
Barium	135-1	474847	477271	477607	476575	0.32	cps
Barium	137-1	822333	827607	826468	825469	0.34	cps
Beryllium	9-1	667	733	770	723	7.24	cps
Bismuth	209-1	11459878	11269531	11087239	11272216	1.65	cps
Bismuth	209-2	9491084	9547214	9548649	9528982	0.34	cps
Bromine	81-1	18225	17838	17350	17804	2.46	cps
Bromine	81-2	367	307	353	342	9.21	cps
Cadmium	108-1	263	230	203	232	12.95	cps
Cadmium	106-1	4747	4841	4591	4726	2.67	cps
Cadmium	111-1	5422	5361	5288	5357	1.26	cps
Calcium	43-1	253947	253696	256530	254725	0.62	cps
Calcium	44-1	4012308	4005649	3936690	3984882	1.05	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	96714	98670	99196	98193	1.33	cps
Cobalt	59-2	86940	88147	87128	87405	0.74	cps
Copper	63-2	363450	364799	360305	362851	0.64	cps
Dysprosium	156-1	35829	37019	36160	36336	1.69	cps
Dysprosium	156-2	33042	33500	33497	33346	0.79	cps
Erbium	164-1	29919	30620	30737	30425	1.45	cps
Erbium	164-2	23213	22932	22779	22975	0.96	cps
Gadolinium	160-1	34820	35040	35080	34980	0.40	cps
Gadolinium	160-2	27190	26986	27153	27110	0.40	cps
Holmium	165-1	18356773	18302062	17864642	18174492	1.48	cps
Holmium	165-2	13165594	13166909	13284890	13205798	0.52	cps
Indium	115-1	15051851	15167236	14905966	15041684	0.87	cps
Indium	115-2	5809691	5750424	5869542	5809885	1.03	cps
Iron	56-2	115830542	115030055	114943512	115268036	0.42	cps
Iron	57-2	2871721	2868961	2848536	2863072	0.44	cps
Iron	54-2	6202340	6256437	6233588	6230788	0.44	cps
Krypton	83-1	260	260	270	263	2.19	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : P5172-21DLX4 Instrumnet Name : P7
Client Sample ID : MYCZ38D Dilution Factor : 4
Date & Time Acquired : 2024-12-18 17:21:45 DataFile Name : 073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	565179	565280	564687	565049	0.06	cps
Lead	207-1	496086	493402	495532	495007	0.29	cps
Lead	208-1	2246629	2250238	2239521	2245463	0.24	cps
Lithium	6-1	1825923	1809091	1782167	1805727	1.22	cps
Magnesium	24-2	2515387	2560802	2514866	2530352	1.04	cps
Manganese	55-2	2402123	2376215	2360877	2379738	0.88	cps
Molybdenum	94-1	34343	33725	35307	34459	2.31	cps
Molybdenum	95-1	1567	1597	1553	1572	1.41	cps
Molybdenum	96-1	8789	8723	8819	8777	0.56	cps
Molybdenum	97-1	1040	1210	1067	1106	8.27	cps
Molybdenum	98-1	2654	2700	2607	2654	1.76	cps
Neodymium	150-1	64650	64627	64205	64494	0.39	cps
Neodymium	150-2	40826	40608	40836	40757	0.32	cps
Nickel	60-2	40137	40976	40648	40587	1.04	cps
Phosphorus	31-2	12859	12992	13232	13028	1.45	cps
Potassium	39-2	2332241	2351704	2334630	2339525	0.45	cps
Rhodium	103-1	14168991	14124654	14011156	14101600	0.58	cps
Rhodium	103-2	8594243	8535625	8479551	8536473	0.67	cps
Scandium	45-1	8341021	8128541	8068420	8179327	1.75	cps
Scandium	45-2	736570	740279	739720	738856	0.27	cps
Selenium	82-1	347	351	323	340	4.55	cps
Selenium	77-2	103	147	117	122	18.16	cps
Selenium	78-2	683	710	643	679	4.94	cps
Silicon	28-1	12902909	14039329	13172829	13371689	4.44	cps
Silver	107-1	4151	3971	4011	4044	2.34	cps
Silver	109-1	3721	3560	3590	3624	2.35	cps
Sodium	23-2	53416	53175	53017	53203	0.38	cps
Strontium	86-1	160052	159826	159443	159774	0.19	cps
Strontium	88-1	1396294	1383277	1390181	1389917	0.47	cps
Sulfur	34-1	174861	174476	172525	173954	0.72	cps
Terbium	159-1	19007844	18671435	18628343	18769207	1.11	cps
Terbium	159-2	13345001	13284671	13124466	13251379	0.86	cps
Thallium	203-1	1797	1883	1930	1870	3.62	cps
Thallium	205-1	4344	4584	4604	4511	3.21	cps
Tin	118-1	31378	31381	30930	31229	0.83	cps
Titanium	47-1	213622	214509	211946	213359	0.61	cps

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

P5172-21DLX4

Instrumnet Name :

P7

Client Sample ID :

MYCZ38D

Dilution Factor :

4

Date & Time Acquired :

2024-12-18 17:21:45

DataFile Name :

073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10407	10344	10131	10294	1.41	cps
Vanadium	51-2	164792	164720	163626	164379	0.40	cps
Yttrium	89-1	18151135	18066479	18226435	18148016	0.44	cps
Yttrium	89-2	5153062	5178021	5143558	5158214	0.35	cps
Zinc	66-2	177454	176331	175325	176370	0.60	cps
Zirconium	90-1	92013	92677	92791	92493	0.45	cps
Zirconium	91-1	20364	20751	20681	20599	1.00	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : P5172-20LDLX20 Instrumnet Name : P7
Client Sample ID : MYCZ38L Dilution Factor : 20
Date & Time Acquired : 2024-12-18 17:24:52 DataFile Name : 074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	680346	672771	672381	675166	0.67	cps
Antimony	121-1	893	690	803	796	12.81	cps
Arsenic	75-2	3444	3374	3350	3389	1.43	cps
Barium	135-1	98977	99376	98957	99104	0.24	cps
Barium	137-1	166977	170420	168293	168563	1.03	cps
Beryllium	9-1	183	180	200	188	5.71	cps
Bismuth	209-1	11296691	11112755	11285203	11231550	0.92	cps
Bismuth	209-2	9378345	9526755	9327085	9410728	1.10	cps
Bromine	81-1	17744	17123	18018	17628	2.60	cps
Bromine	81-2	187	253	147	196	27.56	cps
Cadmium	108-1	33	50	63	49	30.75	cps
Cadmium	106-1	4271	4144	3931	4115	4.18	cps
Cadmium	111-1	3476	3336	3177	3330	4.49	cps
Calcium	43-1	51785	52119	51908	51937	0.33	cps
Calcium	44-1	843324	848859	857299	849827	0.83	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	22247	22854	22377	22492	1.42	cps
Cobalt	59-2	17574	17267	17854	17565	1.67	cps
Copper	63-2	80817	80170	81192	80726	0.64	cps
Dysprosium	156-1	7185	7209	7212	7202	0.20	cps
Dysprosium	156-2	6525	6872	6465	6621	3.32	cps
Erbium	164-1	6312	6248	6191	6250	0.96	cps
Erbium	164-2	4851	4674	4637	4721	2.42	cps
Gadolinium	160-1	7162	6928	7092	7061	1.70	cps
Gadolinium	160-2	6195	5975	6105	6091	1.82	cps
Holmium	165-1	18131010	18273982	17562361	17989118	2.09	cps
Holmium	165-2	12928241	12985963	12746304	12886836	0.97	cps
Indium	115-1	15190747	15098115	14789476	15026113	1.40	cps
Indium	115-2	5761551	5800717	5831314	5797861	0.60	cps
Iron	56-2	23737615	23651100	23653630	23680781	0.21	cps
Iron	57-2	593716	594864	596185	594922	0.21	cps
Iron	54-2	1304247	1300550	1309076	1304624	0.33	cps
Krypton	83-1	263	237	227	242	7.83	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : P5172-20LDLX20 Instrumnet Name : P7
Client Sample ID : MYCZ38L Dilution Factor : 20
Date & Time Acquired : 2024-12-18 17:24:52 DataFile Name : 074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	122869	124517	122344	123243	0.92	cps
Lead	207-1	105398	106540	105092	105677	0.72	cps
Lead	208-1	483076	486167	485837	485027	0.35	cps
Lithium	6-1	1786335	1786302	1784395	1785677	0.06	cps
Magnesium	24-2	497954	493797	496542	496098	0.43	cps
Manganese	55-2	481840	479212	480853	480635	0.28	cps
Molybdenum	94-1	7222	7172	7155	7183	0.48	cps
Molybdenum	95-1	557	417	437	470	16.11	cps
Molybdenum	96-1	2137	1887	2047	2024	6.26	cps
Molybdenum	97-1	370	210	327	302	27.38	cps
Molybdenum	98-1	863	567	660	697	21.78	cps
Neodymium	150-1	12916	12626	12823	12788	1.16	cps
Neodymium	150-2	8216	8019	7962	8066	1.65	cps
Nickel	60-2	9566	9693	10060	9773	2.62	cps
Phosphorus	31-2	2710	2840	2944	2831	4.13	cps
Potassium	39-2	548272	544238	543219	545243	0.49	cps
Rhodium	103-1	13958030	13964784	13824635	13915816	0.57	cps
Rhodium	103-2	8588347	8633386	8562767	8594833	0.42	cps
Scandium	45-1	8237345	8199423	8035403	8157390	1.32	cps
Scandium	45-2	732130	731547	734237	732638	0.19	cps
Selenium	82-1	223	204	234	220	6.84	cps
Selenium	77-2	30	17	33	27	33.06	cps
Selenium	78-2	630	590	603	608	3.35	cps
Silicon	28-1	3442456	3448242	3453935	3448211	0.17	cps
Silver	107-1	1047	1097	1043	1062	2.81	cps
Silver	109-1	970	840	880	897	7.43	cps
Sodium	23-2	29164	29462	30029	29552	1.49	cps
Strontium	86-1	33324	33896	32696	33305	1.80	cps
Strontium	88-1	286109	284320	287415	285948	0.54	cps
Sulfur	34-1	153872	155445	157229	155515	1.08	cps
Terbium	159-1	18458129	18431597	18355982	18415236	0.29	cps
Terbium	159-2	13099849	13095324	13071796	13088990	0.12	cps
Thallium	203-1	873	813	813	833	4.16	cps
Thallium	205-1	1997	2184	1973	2051	5.61	cps
Tin	118-1	9950	10210	9753	9971	2.30	cps
Titanium	47-1	44141	44713	43402	44085	1.49	cps

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

P5172-20LDLX20

Instrumnet Name :

P7

Client Sample ID :

MYCZ38L

Dilution Factor :

20

Date & Time Acquired :

2024-12-18 17:24:52

DataFile Name :

074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1957	1843	2044	1948	5.15	cps
Vanadium	51-2	33407	33424	33998	33610	1.00	cps
Yttrium	89-1	17985083	17577452	17795393	17785976	1.15	cps
Yttrium	89-2	5063825	5101059	5022467	5062450	0.78	cps
Zinc	66-2	38386	37664	37581	37877	1.17	cps
Zirconium	90-1	18942	18919	18896	18919	0.12	cps
Zirconium	91-1	4184	4204	4057	4148	1.92	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : P5172-22DLX4 Instrumnet Name : P7
Client Sample ID : MYCZ38S Dilution Factor : 4
Date & Time Acquired : 2024-12-18 17:28:08 DataFile Name : 075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3576441	3558615	3506008	3547021	1.03	cps
Antimony	121-1	288565	288610	288182	288453	0.08	cps
Arsenic	75-2	22751	23332	22844	22976	1.36	cps
Barium	135-1	1931305	1939988	1905336	1925543	0.94	cps
Barium	137-1	3336565	3337394	3269258	3314406	1.18	cps
Beryllium	9-1	13593	14340	14577	14170	3.63	cps
Bismuth	209-1	10965780	11105907	10891606	10987765	0.99	cps
Bismuth	209-2	9465214	9471603	9346378	9427732	0.75	cps
Bromine	81-1	17140	17294	17187	17207	0.46	cps
Bromine	81-2	333	330	320	328	2.12	cps
Cadmium	108-1	2734	2814	2764	2770	1.46	cps
Cadmium	106-1	8006	8126	7615	7916	3.37	cps
Cadmium	111-1	42706	42233	42726	42555	0.66	cps
Calcium	43-1	259858	257614	257336	258270	0.54	cps
Calcium	44-1	4017266	4018022	4036906	4024065	0.28	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	327986	327817	326204	327336	0.30	cps
Cobalt	59-2	974820	969846	964167	969611	0.55	cps
Copper	63-2	711876	707395	707937	709069	0.34	cps
Dysprosium	156-1	35080	35739	35772	35530	1.10	cps
Dysprosium	156-2	31776	32701	32708	32395	1.66	cps
Erbium	164-1	30233	30567	29952	30251	1.02	cps
Erbium	164-2	22729	22057	22395	22394	1.50	cps
Gadolinium	160-1	34559	33971	34442	34324	0.91	cps
Gadolinium	160-2	27180	26923	27347	27150	0.79	cps
Holmium	165-1	18130896	17648906	17610647	17796816	1.63	cps
Holmium	165-2	13053084	12994332	13126362	13057926	0.51	cps
Indium	115-1	14938146	14857080	14791199	14862142	0.50	cps
Indium	115-2	5769357	5799578	5815899	5794945	0.41	cps
Iron	56-2	115767968	115518645	117466268	116250960	0.91	cps
Iron	57-2	2845914	2864054	2877716	2862561	0.56	cps
Iron	54-2	6313775	6263283	6263831	6280296	0.46	cps
Krypton	83-1	230	220	257	236	8.05	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : P5172-22DLX4 Instrumnet Name : P7
Client Sample ID : MYCZ38S Dilution Factor : 4
Date & Time Acquired : 2024-12-18 17:28:08 DataFile Name : 075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	664683	672832	668413	668643	0.61	cps
Lead	207-1	584519	581826	589614	585320	0.68	cps
Lead	208-1	2643183	2652446	2661594	2652408	0.35	cps
Lithium	6-1	1815937	1785617	1770692	1790749	1.29	cps
Magnesium	24-2	2526838	2516011	2529870	2524240	0.29	cps
Manganese	55-2	2854887	2859484	2874744	2863039	0.36	cps
Molybdenum	94-1	33525	33054	32292	32957	1.89	cps
Molybdenum	95-1	1700	1790	1683	1725	3.33	cps
Molybdenum	96-1	8413	8699	8342	8485	2.23	cps
Molybdenum	97-1	1107	963	910	993	10.24	cps
Molybdenum	98-1	2584	2520	2674	2592	2.97	cps
Neodymium	150-1	62849	62799	64275	63308	1.32	cps
Neodymium	150-2	40237	40100	40033	40124	0.26	cps
Nickel	60-2	271841	270007	269170	270339	0.51	cps
Phosphorus	31-2	12912	12805	12825	12848	0.44	cps
Potassium	39-2	2333159	2327112	2335399	2331890	0.18	cps
Rhodium	103-1	13850426	13887078	13802125	13846543	0.31	cps
Rhodium	103-2	8448602	8548012	8513132	8503249	0.59	cps
Scandium	45-1	8287795	8128442	8003690	8139976	1.75	cps
Scandium	45-2	723043	728227	722841	724703	0.42	cps
Selenium	82-1	4813	4861	4650	4775	2.31	cps
Selenium	77-2	713	600	567	627	12.27	cps
Selenium	78-2	2490	2310	2334	2378	4.12	cps
Silicon	28-1	13318988	13527221	13481598	13442602	0.81	cps
Silver	107-1	170650	172879	173105	172211	0.79	cps
Silver	109-1	163665	164923	166120	164903	0.74	cps
Sodium	23-2	53395	53890	52546	53277	1.28	cps
Strontium	86-1	162040	162741	163846	162876	0.56	cps
Strontium	88-1	1420407	1420473	1422280	1421054	0.07	cps
Sulfur	34-1	171426	172798	169913	171379	0.84	cps
Terbium	159-1	18455443	18355550	18477845	18429613	0.35	cps
Terbium	159-2	13194710	13198372	13092620	13161901	0.46	cps
Thallium	203-1	136835	134910	136146	135964	0.72	cps
Thallium	205-1	321692	320506	321342	321180	0.19	cps
Tin	118-1	43114	43345	49202	45221	7.63	cps
Titanium	47-1	218897	218535	219562	218998	0.24	cps

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

P5172-22DLX4

Instrumnet Name :

P7

Client Sample ID :

MYCZ38S

Dilution Factor :

4

Date & Time Acquired :

2024-12-18 17:28:08

DataFile Name :

075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10077	9914	10337	10109	2.11	cps
Vanadium	51-2	659262	657418	655148	657276	0.31	cps
Yttrium	89-1	18002135	18001842	17871915	17958631	0.42	cps
Yttrium	89-2	5119447	5143150	5183270	5148622	0.63	cps
Zinc	66-2	299224	299588	298083	298965	0.26	cps
Zirconium	90-1	87643	87338	87820	87600	0.28	cps
Zirconium	91-1	19667	19957	20424	20016	1.91	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : P5172-20MSDLX4 Instrumnet Name : P7
Client Sample ID : MYCZ38SRE Dilution Factor : 4
Date & Time Acquired : 2024-12-18 17:31:14 DataFile Name : 076SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3744228	3719171	3809227	3757542	1.24	cps
Antimony	121-1	1120688	1128993	1130437	1126706	0.47	cps
Arsenic	75-2	41882	40926	42417	41742	1.81	cps
Barium	135-1	6281340	6260981	6270617	6270979	0.16	cps
Barium	137-1	10853541	10839188	10740559	10811096	0.57	cps
Beryllium	9-1	54860	55934	54964	55252	1.07	cps
Bismuth	209-1	10917497	11154837	11041702	11038012	1.08	cps
Bismuth	209-2	9515288	9206667	2555110	7092355	55.45	cps
Bromine	81-1	17100	17100	17233	17145	0.45	cps
Bromine	81-2	267	293	343	301	12.93	cps
Cadmium	108-1	9817	9680	10134	9877	2.36	cps
Cadmium	106-1	17511	17344	18025	17626	2.01	cps
Cadmium	111-1	153926	151857	152932	152905	0.68	cps
Calcium	43-1	238939	239917	239216	239357	0.21	cps
Calcium	44-1	3766895	3707851	3787373	3754040	1.10	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1020196	1018873	1036494	1025188	0.96	cps
Cobalt	59-2	3845306	3795000	3894279	3844862	1.29	cps
Copper	63-2	1596394	1589330	1618399	1601374	0.95	cps
Dysprosium	156-1	35431	35699	35301	35477	0.57	cps
Dysprosium	156-2	31241	32244	32925	32137	2.64	cps
Erbium	164-1	29992	30199	30093	30095	0.34	cps
Erbium	164-2	22308	22769	22832	22636	1.26	cps
Gadolinium	160-1	33400	33647	33086	33377	0.84	cps
Gadolinium	160-2	26826	26325	26883	26678	1.15	cps
Holmium	165-1	17308632	17688367	17702035	17566345	1.27	cps
Holmium	165-2	13041932	12855496	3487004	9794811	55.78	cps
Indium	115-1	14666846	14761016	14830022	14752628	0.56	cps
Indium	115-2	5775703	5779287	1514697	4356562	56.49	cps
Iron	56-2	113295258	112525492	116183088	114001279	1.69	cps
Iron	57-2	2797152	2794821	2895872	2829281	2.04	cps
Iron	54-2	6149049	6111275	6268547	6176290	1.33	cps
Krypton	83-1	273	210	260	248	13.48	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : P5172-20MSDLX4 Instrumnet Name : P7
Client Sample ID : MYCZ38SRE Dilution Factor : 4
Date & Time Acquired : 2024-12-18 17:31:14 DataFile Name : 076SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	639764	651027	644880	645224	0.87	cps
Lead	207-1	551832	557139	555490	554820	0.49	cps
Lead	208-1	2529222	2556067	2536072	2540453	0.55	cps
Lithium	6-1	1769953	1776070	1733364	1759796	1.31	cps
Magnesium	24-2	2448695	2414614	2510351	2457887	1.97	cps
Manganese	55-2	4057620	4058766	4192580	4102989	1.89	cps
Molybdenum	94-1	34865	35226	34725	34938	0.74	cps
Molybdenum	95-1	1893	1710	1790	1798	5.11	cps
Molybdenum	96-1	8779	8816	8826	8807	0.28	cps
Molybdenum	97-1	1097	1110	1060	1089	2.38	cps
Molybdenum	98-1	2987	2944	3100	3010	2.69	cps
Neodymium	150-1	62461	62575	61955	62330	0.53	cps
Neodymium	150-2	39602	38917	41612	40044	3.50	cps
Nickel	60-2	965901	956427	979130	967153	1.18	cps
Phosphorus	31-2	12265	12809	12962	12679	2.89	cps
Potassium	39-2	2202184	2197055	2275891	2225043	1.98	cps
Rhodium	103-1	13419995	13642799	13728927	13597240	1.17	cps
Rhodium	103-2	8517273	8522940	2248655	6429623	56.31	cps
Scandium	45-1	7953155	8067523	7960512	7993730	0.80	cps
Scandium	45-2	732450	721663	209048	554387	53.96	cps
Selenium	82-1	20156	20529	20631	20439	1.23	cps
Selenium	77-2	2420	2374	2527	2440	3.22	cps
Selenium	78-2	8493	8302	8609	8468	1.83	cps
Silicon	28-1	12292317	12106496	12170582	12189798	0.77	cps
Silver	107-1	519787	527344	523248	523459	0.72	cps
Silver	109-1	496454	504439	499403	500099	0.81	cps
Sodium	23-2	55331	53051	54108	54163	2.11	cps
Strontium	86-1	148553	148220	146406	147726	0.78	cps
Strontium	88-1	1275550	1294281	1281686	1283839	0.74	cps
Sulfur	34-1	164316	163861	164872	164350	0.31	cps
Terbium	159-1	17996834	18307856	18329919	18211537	1.02	cps
Terbium	159-2	13415960	12780189	3512200	9902783	55.98	cps
Thallium	203-1	528933	537279	533606	533273	0.78	cps
Thallium	205-1	1258755	1269234	1265750	1264580	0.42	cps
Tin	118-1	18441	16897	16219	17186	6.63	cps
Titanium	47-1	194732	194543	192845	194040	0.54	cps

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

P5172-20MSDLX4

Instrumnet Name :

P7

Client Sample ID :

MYCZ38SRE

Dilution Factor :

4

Date & Time Acquired :

2024-12-18 17:31:14

DataFile Name :

076SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10057	10428	9914	10133	2.62	cps
Vanadium	51-2	2240437	2203412	2267500	2237116	1.44	cps
Yttrium	89-1	17459344	17994441	17692805	17715530	1.51	cps
Yttrium	89-2	5160969	5066938	1452019	3893309	54.32	cps
Zinc	66-2	604504	604440	621362	610102	1.60	cps
Zirconium	90-1	91952	92556	92228	92245	0.33	cps
Zirconium	91-1	20705	20878	20638	20740	0.60	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : P5173-20DLX4 Instrumnet Name : P7
Client Sample ID : MYCZ58 Dilution Factor : 4
Date & Time Acquired : 2024-12-18 17:34:16 DataFile Name : 077SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2862299	2774327	2776492	2804373	1.79	cps
Antimony	121-1	2954	3070	2997	3007	1.96	cps
Arsenic	75-2	21993	21449	21506	21649	1.38	cps
Barium	135-1	269836	267937	270315	269363	0.47	cps
Barium	137-1	460135	465643	467573	464450	0.83	cps
Beryllium	9-1	383	420	480	428	11.41	cps
Bismuth	209-1	11155440	11123743	11129050	11136078	0.15	cps
Bismuth	209-2	9438013	9458367	9348209	9414863	0.62	cps
Bromine	81-1	16746	16683	16900	16776	0.66	cps
Bromine	81-2	307	293	253	284	9.76	cps
Cadmium	108-1	103	153	157	138	21.69	cps
Cadmium	106-1	4311	4327	4147	4262	2.33	cps
Cadmium	111-1	4445	4379	4224	4349	2.62	cps
Calcium	43-1	117567	118766	117611	117982	0.58	cps
Calcium	44-1	1835602	1878341	1840776	1851573	1.26	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	90469	90328	90331	90376	0.09	cps
Cobalt	59-2	94515	95233	94491	94746	0.44	cps
Copper	63-2	201592	200217	202277	201362	0.52	cps
Dysprosium	156-1	27938	28095	27894	27976	0.38	cps
Dysprosium	156-2	25543	25547	26027	25706	1.08	cps
Erbium	164-1	23740	24321	23530	23864	1.72	cps
Erbium	164-2	18062	17404	17801	17756	1.86	cps
Gadolinium	160-1	26288	26438	27059	26595	1.54	cps
Gadolinium	160-2	21587	21029	21563	21393	1.47	cps
Holmium	165-1	17882981	17877358	17605748	17788696	0.89	cps
Holmium	165-2	12986649	12916479	12976813	12959980	0.29	cps
Indium	115-1	15082368	14908709	14897065	14962714	0.69	cps
Indium	115-2	5757249	5721462	5798452	5759054	0.67	cps
Iron	56-2	127884468	127332261	126906195	127374308	0.39	cps
Iron	57-2	3155645	3119227	3162101	3145658	0.73	cps
Iron	54-2	6857321	6920911	6899415	6892549	0.47	cps
Krypton	83-1	217	357	253	276	26.35	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : P5173-20DLX4 Instrumnet Name : P7
Client Sample ID : MYCZ58 Dilution Factor : 4
Date & Time Acquired : 2024-12-18 17:34:16 DataFile Name : 077SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	414910	420056	417579	417515	0.62	cps
Lead	207-1	358498	362060	359986	360181	0.50	cps
Lead	208-1	1642759	1650379	1643745	1645628	0.25	cps
Lithium	6-1	1752478	1744625	1737039	1744714	0.44	cps
Magnesium	24-2	2077291	2023066	2025799	2042052	1.50	cps
Manganese	55-2	1832366	1811304	1826082	1823251	0.59	cps
Molybdenum	94-1	22998	23556	22978	23177	1.41	cps
Molybdenum	95-1	2717	2547	2510	2591	4.26	cps
Molybdenum	96-1	7762	7836	7702	7767	0.86	cps
Molybdenum	97-1	1650	1637	1553	1613	3.25	cps
Molybdenum	98-1	4134	3931	4094	4053	2.66	cps
Neodymium	150-1	47704	48460	48088	48084	0.79	cps
Neodymium	150-2	30406	30082	30740	30410	1.08	cps
Nickel	60-2	28103	28293	28330	28242	0.43	cps
Phosphorus	31-2	12635	12722	12615	12658	0.45	cps
Potassium	39-2	1980523	1946848	1940990	1956120	1.09	cps
Rhodium	103-1	13955293	13858111	13771140	13861515	0.66	cps
Rhodium	103-2	8403528	8373333	8410038	8395633	0.23	cps
Scandium	45-1	8248514	8038472	8085994	8124327	1.36	cps
Scandium	45-2	727849	729175	727282	728102	0.13	cps
Selenium	82-1	413	205	266	295	36.23	cps
Selenium	77-2	73	80	53	69	20.15	cps
Selenium	78-2	593	687	703	661	8.97	cps
Silicon	28-1	8277212	8276772	8352578	8302187	0.53	cps
Silver	107-1	3340	3240	3184	3255	2.44	cps
Silver	109-1	3074	3104	3170	3116	1.59	cps
Sodium	23-2	71327	71036	70370	70911	0.69	cps
Strontium	86-1	74500	75120	76199	75273	1.14	cps
Strontium	88-1	650907	656354	652541	653268	0.43	cps
Sulfur	34-1	157667	158620	158562	158283	0.34	cps
Terbium	159-1	18654010	18366384	18329506	18449967	0.96	cps
Terbium	159-2	13076209	13295825	13027708	13133247	1.09	cps
Thallium	203-1	1470	1473	1380	1441	3.67	cps
Thallium	205-1	3454	3434	3864	3584	6.77	cps
Tin	118-1	6655	6031	6245	6310	5.02	cps
Titanium	47-1	433739	438154	436484	436125	0.51	cps

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

P5173-20DLX4

Instrumnet Name :

P7

Client Sample ID :

MYCZ58

Dilution Factor :

4

Date & Time Acquired :

2024-12-18 17:34:16

DataFile Name :

077SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11018	11035	10961	11005	0.35	cps
Vanadium	51-2	192703	191148	191440	191764	0.43	cps
Yttrium	89-1	17951355	17849386	17896319	17899020	0.29	cps
Yttrium	89-2	5095157	5100097	5099347	5098200	0.05	cps
Zinc	66-2	123105	124584	123307	123665	0.65	cps
Zirconium	90-1	58067	59188	58764	58673	0.96	cps
Zirconium	91-1	12762	13126	12906	12931	1.42	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : P5173-21DLX4 Instrumnet Name : P7
Client Sample ID : MYCZ58D Dilution Factor : 4
Date & Time Acquired : 2024-12-18 17:37:23 DataFile Name : 078SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2899490	2913435	2897720	2903548	0.30	cps
Antimony	121-1	2700	2664	2950	2771	5.63	cps
Arsenic	75-2	22063	21669	21502	21745	1.32	cps
Barium	135-1	275481	278235	278023	277246	0.55	cps
Barium	137-1	476472	478943	480563	478659	0.43	cps
Beryllium	9-1	427	433	507	456	9.74	cps
Bismuth	209-1	11411761	11149883	11038768	11200137	1.71	cps
Bismuth	209-2	9479054	9480448	9530397	9496633	0.31	cps
Bromine	81-1	16589	17300	17527	17139	2.85	cps
Bromine	81-2	280	220	280	260	13.33	cps
Cadmium	108-1	193	137	177	169	17.24	cps
Cadmium	106-1	4577	4467	3971	4338	7.45	cps
Cadmium	111-1	4552	4512	4189	4418	4.50	cps
Calcium	43-1	121118	121169	123410	121899	1.07	cps
Calcium	44-1	1916961	1916853	1929402	1921072	0.38	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	95070	94725	96650	95482	1.08	cps
Cobalt	59-2	96081	95303	94683	95356	0.74	cps
Copper	63-2	210732	210029	209170	209977	0.37	cps
Dysprosium	156-1	28105	29154	29174	28811	2.12	cps
Dysprosium	156-2	25951	25937	26134	26007	0.42	cps
Erbium	164-1	24248	24809	24769	24608	1.27	cps
Erbium	164-2	18252	18072	18446	18256	1.02	cps
Gadolinium	160-1	27871	28202	28125	28066	0.62	cps
Gadolinium	160-2	21613	22074	21850	21846	1.05	cps
Holmium	165-1	18446407	17925282	17859533	18077074	1.78	cps
Holmium	165-2	13063721	13009372	13105507	13059534	0.37	cps
Indium	115-1	15337318	14922163	15032529	15097336	1.42	cps
Indium	115-2	5739270	5742648	5822542	5768153	0.82	cps
Iron	56-2	132892221	131137028	131321305	131783518	0.73	cps
Iron	57-2	3307452	3237099	3209391	3251314	1.55	cps
Iron	54-2	7134501	7106464	7121966	7120977	0.20	cps
Krypton	83-1	270	243	220	244	10.24	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : P5173-21DLX4 Instrumnet Name : P7
Client Sample ID : MYCZ58D Dilution Factor : 4
Date & Time Acquired : 2024-12-18 17:37:23 DataFile Name : 078SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	414743	422994	422785	420174	1.12	cps
Lead	207-1	359790	364974	363125	362630	0.72	cps
Lead	208-1	1637448	1665918	1664898	1656088	0.98	cps
Lithium	6-1	1810880	1731757	1749168	1763935	2.36	cps
Magnesium	24-2	2092998	2112218	2117827	2107681	0.62	cps
Manganese	55-2	1862305	1840295	1851306	1851302	0.59	cps
Molybdenum	94-1	23816	24010	23776	23867	0.52	cps
Molybdenum	95-1	2467	2464	2667	2532	4.60	cps
Molybdenum	96-1	7922	8099	8069	8030	1.18	cps
Molybdenum	97-1	1630	1553	1543	1576	3.01	cps
Molybdenum	98-1	4067	4051	4061	4059	0.21	cps
Neodymium	150-1	49001	50493	49697	49731	1.50	cps
Neodymium	150-2	31709	31652	31452	31604	0.43	cps
Nickel	60-2	28557	28834	28824	28739	0.55	cps
Phosphorus	31-2	13109	12862	12682	12884	1.66	cps
Potassium	39-2	2040341	2024455	2063691	2042829	0.97	cps
Rhodium	103-1	14344809	14077616	13834934	14085786	1.81	cps
Rhodium	103-2	8554012	8544853	8537801	8545555	0.10	cps
Scandium	45-1	8460588	8213437	8077627	8250551	2.35	cps
Scandium	45-2	732681	733434	736730	734281	0.29	cps
Selenium	82-1	347	316	287	317	9.45	cps
Selenium	77-2	110	120	110	113	5.09	cps
Selenium	78-2	630	713	717	687	7.15	cps
Silicon	28-1	8279945	8349018	8377709	8335557	0.60	cps
Silver	107-1	2687	2910	2624	2740	5.50	cps
Silver	109-1	2630	2557	2467	2551	3.21	cps
Sodium	23-2	72355	72751	73749	72952	0.98	cps
Strontium	86-1	77938	78829	77955	78241	0.65	cps
Strontium	88-1	675584	681460	676691	677912	0.46	cps
Sulfur	34-1	159085	158499	159421	159001	0.29	cps
Terbium	159-1	19072700	18429400	18467968	18656689	1.93	cps
Terbium	159-2	13164986	13154434	13261144	13193521	0.45	cps
Thallium	203-1	1300	1610	1303	1405	12.68	cps
Thallium	205-1	3390	3437	3504	3444	1.65	cps
Tin	118-1	6868	6782	6882	6844	0.79	cps
Titanium	47-1	462014	465731	465048	464264	0.43	cps

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

P5173-21DLX4

Instrumnet Name :

P7

Client Sample ID :

MYCZ58D

Dilution Factor :

4

Date & Time Acquired :

2024-12-18 17:37:23

DataFile Name :

078SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11275	11472	12016	11587	3.31	cps
Vanadium	51-2	199841	199824	200716	200127	0.25	cps
Yttrium	89-1	18172067	17934775	17655098	17920647	1.44	cps
Yttrium	89-2	5129163	5097228	5159730	5128707	0.61	cps
Zinc	66-2	126177	126702	127333	126737	0.46	cps
Zirconium	90-1	60464	61682	60628	60924	1.09	cps
Zirconium	91-1	13696	13733	13520	13650	0.84	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : P5173-20LDLX20 Instrumnet Name : P7
Client Sample ID : MYCZ58L Dilution Factor : 20
Date & Time Acquired : 2024-12-18 17:40:33 DataFile Name : 079SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	543720	545328	546659	545236	0.27	cps
Antimony	121-1	630	880	660	723	18.88	cps
Arsenic	75-2	4487	4284	4614	4462	3.73	cps
Barium	135-1	54176	55918	53597	54564	2.21	cps
Barium	137-1	93250	95850	93877	94325	1.44	cps
Beryllium	9-1	153	143	140	146	4.77	cps
Bismuth	209-1	11512886	11415112	11325453	11417817	0.82	cps
Bismuth	209-2	9657101	9601325	9597870	9618765	0.35	cps
Bromine	81-1	17594	17424	17097	17371	1.45	cps
Bromine	81-2	240	253	147	213	27.24	cps
Cadmium	108-1	53	47	60	53	12.50	cps
Cadmium	106-1	4171	4114	3844	4043	4.32	cps
Cadmium	111-1	3185	3254	2959	3133	4.93	cps
Calcium	43-1	23839	24400	24570	24269	1.58	cps
Calcium	44-1	395731	395843	393771	395115	0.29	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19322	19259	19569	19384	0.85	cps
Cobalt	59-2	19005	20010	19019	19345	2.98	cps
Copper	63-2	40829	41795	40959	41194	1.27	cps
Dysprosium	156-1	5751	5635	5805	5730	1.52	cps
Dysprosium	156-2	5024	5264	5121	5137	2.35	cps
Erbium	164-1	4764	4838	4808	4803	0.77	cps
Erbium	164-2	3454	3691	3554	3566	3.33	cps
Gadolinium	160-1	5421	5484	5438	5448	0.60	cps
Gadolinium	160-2	4934	4988	4914	4945	0.77	cps
Holmium	165-1	18257741	18481902	18151388	18297010	0.92	cps
Holmium	165-2	13249109	13090505	13117726	13152447	0.64	cps
Indium	115-1	15399160	15294939	15366661	15353587	0.35	cps
Indium	115-2	5943242	5903021	5838773	5895012	0.89	cps
Iron	56-2	26003303	25569092	25753100	25775165	0.85	cps
Iron	57-2	645740	646718	643571	645343	0.25	cps
Iron	54-2	1382296	1396698	1393564	1390853	0.54	cps
Krypton	83-1	287	267	287	280	4.12	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : P5173-20LDLX20 Instrumnet Name : P7
Client Sample ID : MYCZ58L Dilution Factor : 20
Date & Time Acquired : 2024-12-18 17:40:33 DataFile Name : 079SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	85114	85554	86402	85690	0.76	cps
Lead	207-1	74171	72978	72123	73091	1.41	cps
Lead	208-1	333792	333075	333444	333437	0.11	cps
Lithium	6-1	1826416	1800905	1771721	1799681	1.52	cps
Magnesium	24-2	397254	394270	394068	395197	0.45	cps
Manganese	55-2	360152	361486	359659	360432	0.26	cps
Molybdenum	94-1	4874	4801	4797	4824	0.90	cps
Molybdenum	95-1	593	1314	623	844	48.32	cps
Molybdenum	96-1	1770	3062	1500	2111	39.55	cps
Molybdenum	97-1	447	1301	440	729	67.90	cps
Molybdenum	98-1	1080	2944	983	1669	66.21	cps
Neodymium	150-1	9617	9407	9427	9483	1.22	cps
Neodymium	150-2	5898	5965	5651	5838	2.83	cps
Nickel	60-2	6281	5978	6111	6124	2.48	cps
Phosphorus	31-2	2804	2664	2534	2667	5.06	cps
Potassium	39-2	459386	458970	457345	458567	0.24	cps
Rhodium	103-1	14388040	14461519	14348915	14399491	0.40	cps
Rhodium	103-2	8786659	8640527	8744744	8723976	0.86	cps
Scandium	45-1	8386720	8278883	8230436	8298680	0.96	cps
Scandium	45-2	748219	743277	746193	745897	0.33	cps
Selenium	82-1	195	243	195	211	13.25	cps
Selenium	77-2	30	23	13	22	37.76	cps
Selenium	78-2	663	753	690	702	6.58	cps
Silicon	28-1	2435743	2442862	2461527	2446711	0.54	cps
Silver	107-1	783	1063	777	875	18.72	cps
Silver	109-1	630	747	613	663	10.95	cps
Sodium	23-2	39721	39674	39541	39645	0.24	cps
Strontium	86-1	15665	15488	15468	15541	0.70	cps
Strontium	88-1	132228	131945	132309	132160	0.14	cps
Sulfur	34-1	151263	152610	155371	153081	1.37	cps
Terbium	159-1	19193962	18722190	18995808	18970653	1.25	cps
Terbium	159-2	13516341	13284464	13153664	13318156	1.38	cps
Thallium	203-1	667	757	697	707	6.49	cps
Thallium	205-1	1473	1710	1467	1550	8.94	cps
Tin	118-1	2847	2790	2704	2780	2.60	cps
Titanium	47-1	88329	89737	89311	89126	0.81	cps

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

P5173-20LDLX20

Instrumnet Name :

P7

Client Sample ID :

MYCZ58L

Dilution Factor :

20

Date & Time Acquired :

2024-12-18 17:40:33

DataFile Name :

079SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	2170	2207	2170	2182	0.97	cps
Vanadium	51-2	39030	38075	38058	38388	1.45	cps
Yttrium	89-1	18169638	18019432	17975677	18054916	0.56	cps
Yttrium	89-2	5206158	5170913	5106406	5161159	0.98	cps
Zinc	66-2	26303	25412	26186	25967	1.87	cps
Zirconium	90-1	12716	11972	12679	12455	3.37	cps
Zirconium	91-1	2774	2890	2754	2806	2.63	cps

LB Number :LB134003Operator :Jaswal

Lab Sample ID :P5173-22DLX4Instrumnet Name :P7

Client Sample ID :MYCZ58SDilution Factor :4

Date & Time Acquired :2024-12-18 17:43:46DataFile Name :080SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2916662	2862095	2863974	2880911	1.08	cps
Antimony	121-1	272521	273913	271653	272696	0.42	cps
Arsenic	75-2	27556	27733	27556	27615	0.37	cps
Barium	135-1	1599399	1637612	1640247	1625753	1.41	cps
Barium	137-1	2822784	2810365	2861882	2831677	0.95	cps
Beryllium	9-1	13122	13419	13182	13241	1.19	cps
Bismuth	209-1	12148173	10970629	11168052	11428951	5.52	cps
Bismuth	209-2	9581990	9531001	9648526	9587172	0.61	cps
Bromine	81-1	18425	18822	18108	18452	1.94	cps
Bromine	81-2	290	320	310	307	4.98	cps
Cadmium	108-1	2517	2667	2517	2567	3.37	cps
Cadmium	106-1	7879	7652	7552	7694	2.18	cps
Cadmium	111-1	39865	40514	39556	39978	1.22	cps
Calcium	43-1	117426	120863	118017	118769	1.55	cps
Calcium	44-1	1850650	1896388	1855983	1867674	1.34	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	308357	310137	303944	307479	1.04	cps
Cobalt	59-2	943407	943268	932853	939843	0.64	cps
Copper	63-2	495169	493682	493087	493979	0.22	cps
Dysprosium	156-1	28071	28953	28546	28523	1.55	cps
Dysprosium	156-2	25827	26001	25123	25650	1.81	cps
Erbium	164-1	23463	23951	24231	23882	1.63	cps
Erbium	164-2	17571	17468	17581	17540	0.36	cps
Gadolinium	160-1	27206	27644	26956	27269	1.28	cps
Gadolinium	160-2	21951	21810	21590	21784	0.83	cps
Holmium	165-1	19357828	17568194	17847714	18257912	5.27	cps
Holmium	165-2	13257286	13203453	13121520	13194087	0.52	cps
Indium	115-1	16205736	14592746	15019134	15272539	5.47	cps
Indium	115-2	5820008	5784731	5710602	5771780	0.97	cps
Iron	56-2	128638818	127830821	126681161	127716934	0.77	cps
Iron	57-2	3158865	3153866	3146046	3152926	0.20	cps
Iron	54-2	6948872	7008538	6816291	6924567	1.42	cps
Krypton	83-1	237	207	303	249	19.88	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : P5173-22DLX4 Instrumnet Name : P7
Client Sample ID : MYCZ58S Dilution Factor : 4
Date & Time Acquired : 2024-12-18 17:43:46 DataFile Name : 080SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	460142	464410	464787	463113	0.56	cps
Lead	207-1	394082	399154	398570	397269	0.70	cps
Lead	208-1	1806755	1824974	1822219	1817983	0.54	cps
Lithium	6-1	1887035	1731436	1774603	1797691	4.47	cps
Magnesium	24-2	2012968	2016221	1983337	2004175	0.90	cps
Manganese	55-2	2258961	2245898	2237912	2247591	0.47	cps
Molybdenum	94-1	23168	22818	23175	23054	0.89	cps
Molybdenum	95-1	2547	2550	2647	2581	2.20	cps
Molybdenum	96-1	7806	7882	7805	7831	0.57	cps
Molybdenum	97-1	1557	1583	1567	1569	0.86	cps
Molybdenum	98-1	3967	4101	3911	3993	2.44	cps
Neodymium	150-1	47433	49115	49523	48690	2.28	cps
Neodymium	150-2	31154	30540	30216	30637	1.56	cps
Nickel	60-2	243256	244062	243188	243502	0.20	cps
Phosphorus	31-2	12405	12769	12605	12593	1.45	cps
Potassium	39-2	1941004	1960844	1925347	1942398	0.92	cps
Rhodium	103-1	15030521	13714365	13883271	14209385	5.04	cps
Rhodium	103-2	8594173	8670265	8532432	8598956	0.80	cps
Scandium	45-1	8818856	8012532	8150472	8327287	5.18	cps
Scandium	45-2	737570	737164	729359	734698	0.63	cps
Selenium	82-1	4868	4920	4763	4850	1.65	cps
Selenium	77-2	487	637	617	580	14.04	cps
Selenium	78-2	2364	2427	2327	2372	2.13	cps
Silicon	28-1	8393414	8447382	8396787	8412527	0.36	cps
Silver	107-1	162987	165781	166129	164965	1.04	cps
Silver	109-1	156127	159419	160302	158616	1.39	cps
Sodium	23-2	70296	70169	69770	70078	0.39	cps
Strontium	86-1	75512	76618	76380	76170	0.76	cps
Strontium	88-1	658835	664783	655994	659871	0.68	cps
Sulfur	34-1	166533	163632	163868	164678	0.98	cps
Terbium	159-1	20116758	18046687	18590619	18918021	5.67	cps
Terbium	159-2	13445083	13271959	13152631	13289891	1.11	cps
Thallium	203-1	126333	129098	129347	128259	1.30	cps
Thallium	205-1	302978	307688	305187	305284	0.77	cps
Tin	118-1	5274	5308	5461	5348	1.86	cps
Titanium	47-1	436982	443351	441935	440756	0.76	cps

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

P5173-22DLX4

Instrumnet Name :

P7

Client Sample ID :

MYCZ58S

Dilution Factor :

4

Date & Time Acquired :

2024-12-18 17:43:46

DataFile Name :

080SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11175	11138	11278	11197	0.65	cps
Vanadium	51-2	662933	661991	658596	661173	0.35	cps
Yttrium	89-1	19373052	17622233	18015030	18336772	5.01	cps
Yttrium	89-2	5174679	5176977	5065390	5139015	1.24	cps
Zinc	66-2	229300	227854	229457	228870	0.39	cps
Zirconium	90-1	58794	59235	57984	58671	1.08	cps
Zirconium	91-1	13293	13586	13370	13416	1.13	cps

LB Number :LB134003Operator :Jaswal

Lab Sample ID :P5173-20MSDLX4Instrumnet Name :P7

Client Sample ID :MYCZ58SREDilution Factor :4

Date & Time Acquired :2024-12-18 17:46:54DataFile Name :081SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3228528	3194592	3222032	3215051	0.56	cps
Antimony	121-1	1141577	1153385	1149665	1148209	0.53	cps
Arsenic	75-2	45617	46513	45951	46027	0.98	cps
Barium	135-1	5922163	5998130	6056205	5992166	1.12	cps
Barium	137-1	10195013	10365831	10269229	10276691	0.83	cps
Beryllium	9-1	55362	56432	55750	55848	0.97	cps
Bismuth	209-1	11356650	11166512	10851481	11124881	2.29	cps
Bismuth	209-2	9357387	9284753	9366087	9336076	0.48	cps
Bromine	81-1	18448	18231	18158	18279	0.83	cps
Bromine	81-2	323	283	293	300	6.94	cps
Cadmium	108-1	9900	9984	9813	9899	0.86	cps
Cadmium	106-1	18425	18118	17968	18170	1.28	cps
Cadmium	111-1	154231	155247	156130	155203	0.61	cps
Calcium	43-1	114350	116459	115744	115517	0.93	cps
Calcium	44-1	1821357	1832198	1824553	1826036	0.31	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1006628	1003061	1005322	1005004	0.18	cps
Cobalt	59-2	3710598	3771830	3783300	3755243	1.04	cps
Copper	63-2	1424028	1426493	1429616	1426712	0.20	cps
Dysprosium	156-1	27133	28248	27203	27528	2.27	cps
Dysprosium	156-2	24969	25176	24969	25038	0.48	cps
Erbium	164-1	23009	23684	23690	23461	1.67	cps
Erbium	164-2	17154	17297	17678	17376	1.56	cps
Gadolinium	160-1	26652	27116	26605	26791	1.05	cps
Gadolinium	160-2	20752	20802	20725	20760	0.19	cps
Holmium	165-1	18486439	17858713	17599896	17981683	2.54	cps
Holmium	165-2	12922731	12890153	12821259	12878048	0.40	cps
Indium	115-1	15232003	14881624	14685802	14933143	1.85	cps
Indium	115-2	5749860	5681654	5685995	5705836	0.67	cps
Iron	56-2	128167375	126973558	128128408	127756447	0.53	cps
Iron	57-2	3171240	3146935	3153146	3157107	0.40	cps
Iron	54-2	6936002	6929461	6933994	6933152	0.05	cps
Krypton	83-1	200	217	290	236	20.33	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : P5173-20MSDLX4 Instrumnet Name : P7
Client Sample ID : MYCZ58SRE Dilution Factor : 4
Date & Time Acquired : 2024-12-18 17:46:54 DataFile Name : 081SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	583593	597565	588658	589939	1.20	cps
Lead	207-1	496287	494650	497792	496243	0.32	cps
Lead	208-1	2263369	2308564	2283348	2285093	0.99	cps
Lithium	6-1	1793363	1808448	1774581	1792131	0.95	cps
Magnesium	24-2	1969205	1975894	1967370	1970823	0.23	cps
Manganese	55-2	3622067	3659923	3600631	3627540	0.83	cps
Molybdenum	94-1	22604	22624	22324	22517	0.75	cps
Molybdenum	95-1	2344	2460	2757	2520	8.46	cps
Molybdenum	96-1	7615	7889	7902	7802	2.07	cps
Molybdenum	97-1	1547	1653	1553	1585	3.77	cps
Molybdenum	98-1	3971	4247	4054	4091	3.47	cps
Neodymium	150-1	46804	47951	47165	47307	1.24	cps
Neodymium	150-2	29701	29468	29568	29579	0.40	cps
Nickel	60-2	931240	936806	935214	934420	0.31	cps
Phosphorus	31-2	12342	11795	12258	12132	2.43	cps
Potassium	39-2	1911256	1942218	1917600	1923691	0.85	cps
Rhodium	103-1	14390075	13886060	13698539	13991558	2.56	cps
Rhodium	103-2	8479586	8414231	8381948	8425255	0.59	cps
Scandium	45-1	8437325	8081397	7962614	8160446	3.03	cps
Scandium	45-2	725917	729387	725037	726780	0.32	cps
Selenium	82-1	20895	20888	20510	20764	1.06	cps
Selenium	77-2	2347	2370	2354	2357	0.51	cps
Selenium	78-2	8409	8359	8349	8372	0.38	cps
Silicon	28-1	8227644	8290198	8075952	8197931	1.34	cps
Silver	107-1	580471	593730	593242	589148	1.28	cps
Silver	109-1	562107	569429	568826	566787	0.72	cps
Sodium	23-2	68026	68595	68254	68292	0.42	cps
Strontium	86-1	72397	74614	73770	73594	1.52	cps
Strontium	88-1	640279	643546	643426	642417	0.29	cps
Sulfur	34-1	163578	160961	160829	161789	0.96	cps
Terbium	159-1	19173457	18336886	18453172	18654505	2.43	cps
Terbium	159-2	12914501	12903386	12959998	12925961	0.23	cps
Thallium	203-1	543773	543625	543150	543516	0.06	cps
Thallium	205-1	1273455	1298983	1277112	1283184	1.08	cps
Tin	118-1	5725	5461	5411	5532	3.04	cps
Titanium	47-1	430168	435883	429940	431997	0.78	cps

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

P5173-20MSDLX4

Instrumnet Name :

P7

Client Sample ID :

MYCZ58SRE

Dilution Factor :

4

Date & Time Acquired :

2024-12-18 17:46:54

DataFile Name :

081SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10031	10788	10791	10536	4.16	cps
Vanadium	51-2	2247837	2208320	2212789	2222982	0.97	cps
Yttrium	89-1	18427536	17856151	17909784	18064490	1.75	cps
Yttrium	89-2	5104498	5088897	5022711	5072036	0.86	cps
Zinc	66-2	563042	564176	562199	563139	0.18	cps
Zirconium	90-1	56532	57251	56702	56828	0.66	cps
Zirconium	91-1	12749	12983	12649	12793	1.34	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : CCV013 Instrumnet Name : P7
Client Sample ID : CCV013 Dilution Factor : 1
Date & Time Acquired : 2024-12-18 17:54:39 DataFile Name : 082CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16199469	16091287	16193164	16161306	0.38	cps
Antimony	121-1	6953867	6957984	7007786	6973212	0.43	cps
Arsenic	75-2	381828	375415	375129	377457	1.00	cps
Barium	135-1	8883964	9004574	8984435	8957658	0.72	cps
Barium	137-1	15427989	15413821	15251367	15364392	0.64	cps
Beryllium	9-1	664814	678070	677427	673437	1.11	cps
Bismuth	209-1	10188577	10025952	9979416	10064648	1.09	cps
Bismuth	209-2	8498934	8318182	8464241	8427119	1.14	cps
Bromine	81-1	15545	14794	14991	15110	2.58	cps
Bromine	81-2	137	173	197	169	17.91	cps
Cadmium	108-1	133652	134234	132972	133619	0.47	cps
Cadmium	106-1	188608	192630	191032	190757	1.06	cps
Cadmium	111-1	1851573	1834383	1852211	1846056	0.55	cps
Calcium	43-1	9262165	9289195	9248347	9266569	0.22	cps
Calcium	44-1	149085171	150690678	149090454	149622101	0.62	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2790624	2721059	2737391	2749691	1.32	cps
Cobalt	59-2	4242110	4200805	4220766	4221227	0.49	cps
Copper	63-2	31404880	30744595	31071523	31073666	1.06	cps
Dysprosium	156-1	400	380	407	396	3.51	cps
Dysprosium	156-2	610	683	610	634	6.67	cps
Erbium	164-1	287	357	277	307	14.22	cps
Erbium	164-2	273	227	247	249	9.41	cps
Gadolinium	160-1	330	327	367	341	6.51	cps
Gadolinium	160-2	967	943	947	952	1.33	cps
Holmium	165-1	17302608	16969996	17124636	17132413	0.97	cps
Holmium	165-2	12479860	12422251	12444956	12449022	0.23	cps
Indium	115-1	13493075	13466986	13320301	13426787	0.69	cps
Indium	115-2	5176976	5098548	5148149	5141224	0.77	cps
Iron	56-2	657687137	649443897	654950657	654027230	0.64	cps
Iron	57-2	16507158	16412701	16187597	16369152	1.00	cps
Iron	54-2	35898479	35339968	35448627	35562358	0.83	cps
Krypton	83-1	253	273	233	253	7.89	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : CCV013 Instrumnet Name : P7
Client Sample ID : CCV013 Dilution Factor : 1
Date & Time Acquired : 2024-12-18 17:54:39 DataFile Name : 082CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	27256343	27099446	26942130	27099307	0.58	cps
Lead	207-1	23866378	23600754	23677990	23715040	0.58	cps
Lead	208-1	108468455	107750153	107905381	108041330	0.35	cps
Lithium	6-1	1651863	1650149	1691505	1664506	1.41	cps
Magnesium	24-2	122260485	121896652	121391028	121849388	0.36	cps
Manganese	55-2	22553176	22130732	22588155	22424021	1.14	cps
Molybdenum	94-1	24381036	24788058	24510828	24559974	0.85	cps
Molybdenum	95-1	35417344	35495315	35629878	35514179	0.30	cps
Molybdenum	96-1	38891252	39110353	39112240	39037948	0.33	cps
Molybdenum	97-1	22246088	22212559	22121998	22193548	0.29	cps
Molybdenum	98-1	57145339	57045266	57337482	57176029	0.26	cps
Neodymium	150-1	560	557	543	553	1.59	cps
Neodymium	150-2	240	167	197	201	18.33	cps
Nickel	60-2	1027710	1015705	1018497	1020637	0.62	cps
Phosphorus	31-2	147543	146422	144848	146271	0.93	cps
Potassium	39-2	83176239	81491885	81211177	81959767	1.30	cps
Rhodium	103-1	12315151	12037273	12002903	12118442	1.41	cps
Rhodium	103-2	7344688	7268349	7279543	7297527	0.56	cps
Scandium	45-1	7596036	7622971	7467626	7562211	1.10	cps
Scandium	45-2	659563	651328	657443	656111	0.65	cps
Selenium	82-1	108401	108664	107859	108308	0.38	cps
Selenium	77-2	12265	12192	12145	12201	0.50	cps
Selenium	78-2	41752	40756	41745	41418	1.38	cps
Silicon	28-1	3725254	3826657	3829697	3793869	1.57	cps
Silver	107-1	9139979	9034219	8992874	9055691	0.84	cps
Silver	109-1	8694932	8795445	8736956	8742444	0.58	cps
Sodium	23-2	199161637	196458024	196403117	197340926	0.80	cps
Strontium	86-1	2231075	2224868	2244042	2233328	0.44	cps
Strontium	88-1	19457758	19488557	19450595	19465637	0.10	cps
Sulfur	34-1	660185	657315	654129	657210	0.46	cps
Terbium	159-1	17797160	17583834	17533868	17638287	0.79	cps
Terbium	159-2	12444757	12471984	12318013	12411584	0.66	cps
Thallium	203-1	6860595	6947448	6931935	6913326	0.67	cps
Thallium	205-1	16330818	16179188	16414680	16308229	0.73	cps
Tin	118-1	5796126	5845647	5745345	5795706	0.87	cps
Titanium	47-1	8569359	8536234	8472677	8526090	0.58	cps

3

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : CCB013 Instrumnet Name : P7
Client Sample ID : CCB013 Dilution Factor : 1
Date & Time Acquired : 2024-12-18 17:57:21 DataFile Name : 083CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1300	1170	1277	1249	5.55	cps
Antimony	121-1	3264	3034	2660	2986	10.20	cps
Arsenic	75-2	63	27	57	49	39.94	cps
Barium	135-1	620	607	647	624	3.26	cps
Barium	137-1	930	1120	1083	1044	9.65	cps
Beryllium	9-1	153	173	130	152	14.25	cps
Bismuth	209-1	11348367	11044221	11017207	11136598	1.65	cps
Bismuth	209-2	9570398	9595747	9507317	9557821	0.48	cps
Bromine	81-1	14991	14928	15608	15176	2.48	cps
Bromine	81-2	200	217	153	190	17.28	cps
Cadmium	108-1	17	20	27	21	24.12	cps
Cadmium	106-1	4044	3904	3881	3943	2.24	cps
Cadmium	111-1	3019	2855	2864	2913	3.16	cps
Calcium	43-1	960	923	973	952	2.72	cps
Calcium	44-1	18041	18525	19446	18670	3.82	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1967	1920	1860	1916	2.79	cps
Cobalt	59-2	477	447	450	458	3.59	cps
Copper	63-2	3210	3134	3144	3163	1.32	cps
Dysprosium	156-1	7	3	20	10	88.20	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	70	70	90	77	15.06	cps
Erbium	164-2	47	67	30	48	38.43	cps
Gadolinium	160-1	37	70	67	58	31.77	cps
Gadolinium	160-2	667	783	770	740	8.63	cps
Holmium	165-1	17852728	17449603	17447830	17583387	1.33	cps
Holmium	165-2	13005084	12942633	12878982	12942233	0.49	cps
Indium	115-1	14742848	14294245	14313154	14450082	1.76	cps
Indium	115-2	5699228	5714051	5601622	5671633	1.08	cps
Iron	56-2	68542	66985	66228	67252	1.75	cps
Iron	57-2	2217	2144	2037	2132	4.25	cps
Iron	54-2	5548	5381	5101	5343	4.23	cps
Krypton	83-1	273	227	253	251	9.32	cps

LB Number : LB134003 Operator : Jaswal
Lab Sample ID : CCB013 Instrumnet Name : P7
Client Sample ID : CCB013 Dilution Factor : 1
Date & Time Acquired : 2024-12-18 17:57:21 DataFile Name : 083CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2240	2470	2567	2426	6.92	cps
Lead	207-1	1990	2057	2074	2040	2.16	cps
Lead	208-1	9021	9628	9711	9454	3.98	cps
Lithium	6-1	1837333	1777506	1791713	1802184	1.73	cps
Magnesium	24-2	8286	8102	8169	8186	1.13	cps
Manganese	55-2	2164	2174	1943	2094	6.21	cps
Molybdenum	94-1	2434	2314	2444	2397	3.02	cps
Molybdenum	95-1	2594	2784	2654	2677	3.63	cps
Molybdenum	96-1	3137	3157	3170	3155	0.53	cps
Molybdenum	97-1	1793	1777	1923	1831	4.39	cps
Molybdenum	98-1	4441	4737	4651	4610	3.31	cps
Neodymium	150-1	10	3	3	6	69.34	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	590	620	477	562	13.45	cps
Phosphorus	31-2	230	223	253	236	6.69	cps
Potassium	39-2	70449	69605	68852	69635	1.15	cps
Rhodium	103-1	13670345	13150363	13462576	13427761	1.95	cps
Rhodium	103-2	8318418	8313189	8293170	8308259	0.16	cps
Scandium	45-1	7885790	7619384	7681998	7729057	1.80	cps
Scandium	45-2	694244	688216	684728	689063	0.70	cps
Selenium	82-1	193	256	155	202	25.24	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	593	567	497	552	9.04	cps
Silicon	28-1	650317	649627	646307	648750	0.33	cps
Silver	107-1	1783	1640	1603	1676	5.68	cps
Silver	109-1	1540	1510	1297	1449	9.16	cps
Sodium	23-2	46139	45500	44805	45481	1.47	cps
Strontium	86-1	600	510	543	551	8.26	cps
Strontium	88-1	1590	1663	1693	1649	3.22	cps
Sulfur	34-1	182947	186999	186628	185525	1.21	cps
Terbium	159-1	18378044	17933387	17985793	18099075	1.34	cps
Terbium	159-2	13081673	13076810	13072453	13076979	0.04	cps
Thallium	203-1	1020	913	1040	991	6.87	cps
Thallium	205-1	2480	2357	2224	2354	5.46	cps
Tin	118-1	2967	2760	2944	2890	3.92	cps
Titanium	47-1	530	700	603	611	13.95	cps

LB Number :

LB134003

Operator :

Jaswal

Lab Sample ID :

CCB013

Instrumnet Name :

P7

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Dilution Factor :

1

Date & Time Acquired :

2024-12-18 17:57:21

DataFile Name :

083CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1047	1110	1260	1139	9.62	cps
Vanadium	51-2	140	200	187	176	17.95	cps
Yttrium	89-1	17043366	16661638	16775687	16826897	1.16	cps
Yttrium	89-2	4899044	4844123	4834700	4859289	0.72	cps
Zinc	66-2	827	863	843	844	2.17	cps
Zirconium	90-1	1820	1680	1693	1731	4.46	cps
Zirconium	91-1	337	373	450	387	14.96	cps