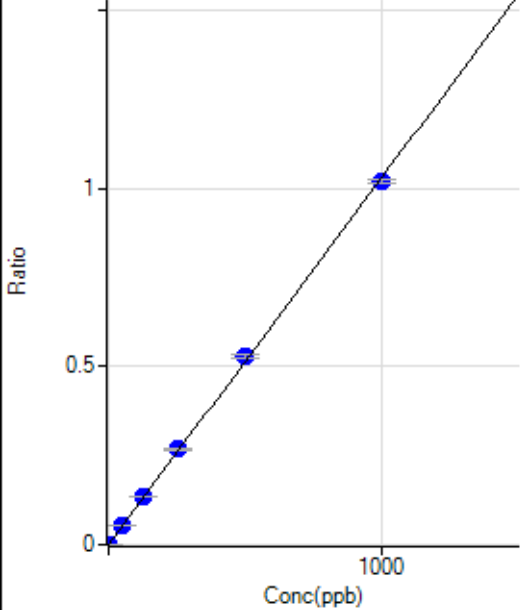


Batch Folder: D:\Agilent\ICPMH\1\DATA\P7101724-MS1.b\
Analysis File: P7101724-MS1.batch.bin
DA Date-Time: 2024-10-18 00:46:20
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2024-10-17 16:19:52
2	005CAL.S.d	S02	2024-10-17 16:23:14
3	006CAL.S.d	S03	2024-10-17 16:26:38
4	007CAL.S.d	S04	2024-10-17 16:29:55
5	008CAL.S.d	S05	2024-10-17 16:33:04
6	009CAL.S.d	S06	2024-10-17 16:36:06
7	011CAL.S.d	S07	2024-10-17 16:41:54
8	012CAL.S.d	S08	2024-10-17 16:44:46

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	21.11	0.0000	P	8.8
2	☐	1.000	1.114	891.14	0.0012	P	5.1
3	☐	50.000	52.748	41139.82	0.0543	P	1.9
4	☐	125.000	131.059	100883.06	0.1348	P	0.8
5	☐	250.000	260.800	196602.20	0.2682	P	1.1
6	☐	500.000	513.679	380720.33	0.5282	P	1.5
7	☐	1000.000	989.565	753418.05	1.0175	P	1.0
8	☐			465.57	0.0006	P	9.1

y = 0.0010 * x + 2.8125E-005

R = 0.9998

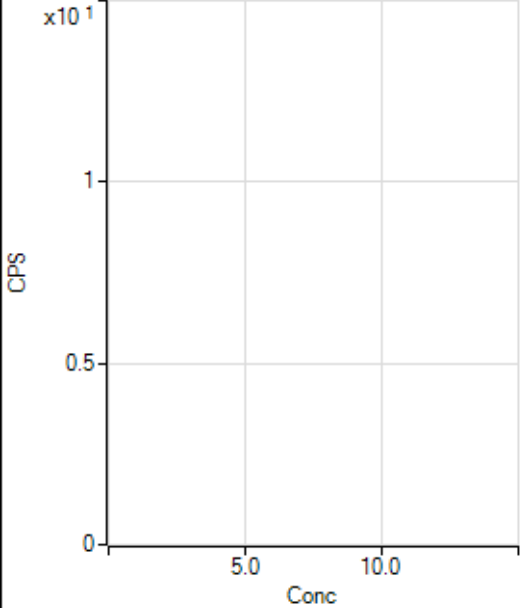
DL = 0.007191

BEC = 0.02735

Weight: <None>

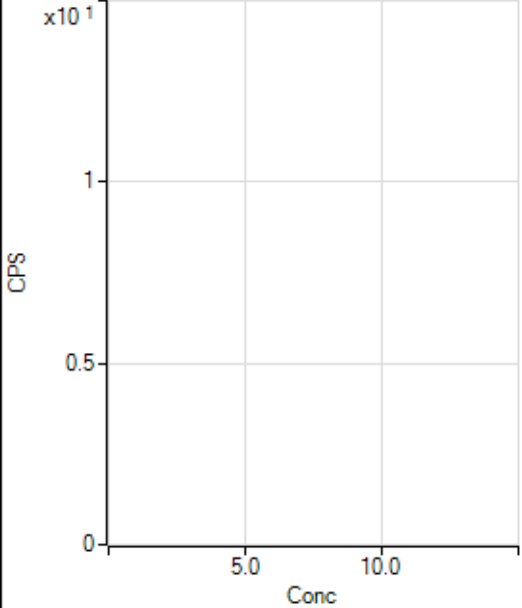
Min Conc: 0

12 C [No Gas] No available calibration points



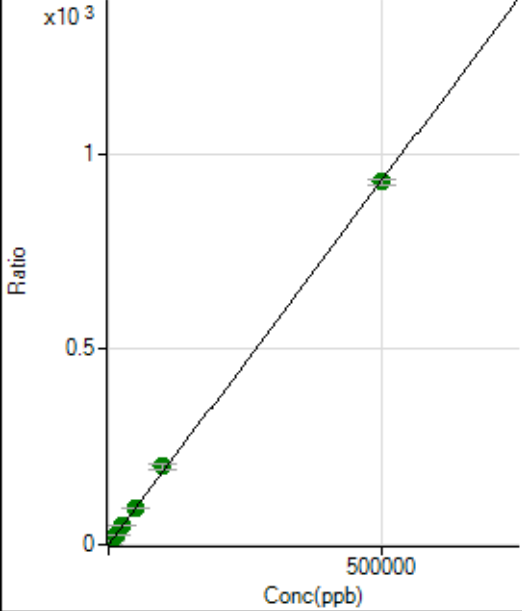
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

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	5076.44	0.0404	P	6.0
2	☐	500.000	530.939	135147.88	1.0282	P	1.1
3	☐	5000.000	5151.925	1261178.90	9.6253	A	0.9
4	☐	12500.000	12777.523	3086671.65	23.8123	A	1.9
5	☐	25000.000	25842.839	6095280.81	48.1196	A	0.5
6	☐	50000.000	50708.272	11927114.41	94.3803	A	1.4
7	☐	100000.00	107128.85	24318460.75	199.3475	A	6.7
8	☐	500000.00	498452.77	118366018.2	927.3832	A	1.7

$y = 0.0019 * x + 0.0404$

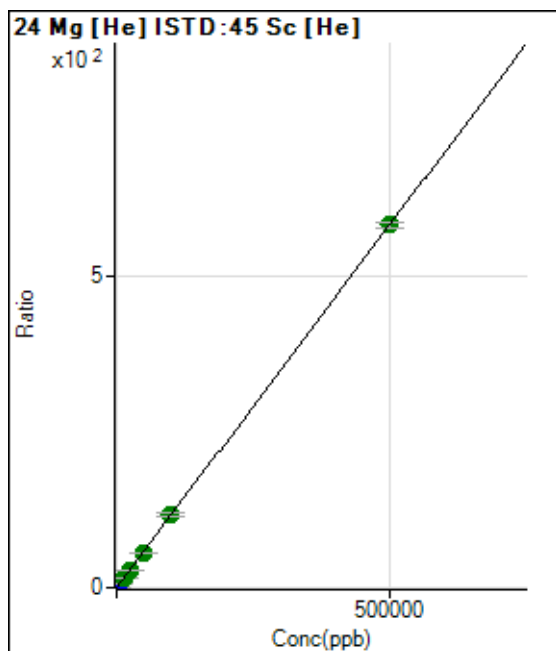
$R = 0.9999$

$DL = 3.895$

$BEC = 21.74$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1098.94	0.0087	P	6.1
2	☐	500.000	536.032	83410.01	0.6346	P	1.5
3	☐	5000.000	5086.349	779273.47	5.9475	P	1.2
4	☐	12500.000	12079.299	1829367.51	14.1124	A	1.0
5	☐	25000.000	24101.638	3565687.69	28.1495	A	0.5
6	☐	50000.000	47269.371	6975791.98	55.1999	A	1.4
7	☐	100000.00	100605.83	14327039.65	117.4749	A	7.3
8	☐	500000.00	500206.43	74545447.78	584.0439	A	1.5

$$y = 0.0012 * x + 0.0087$$

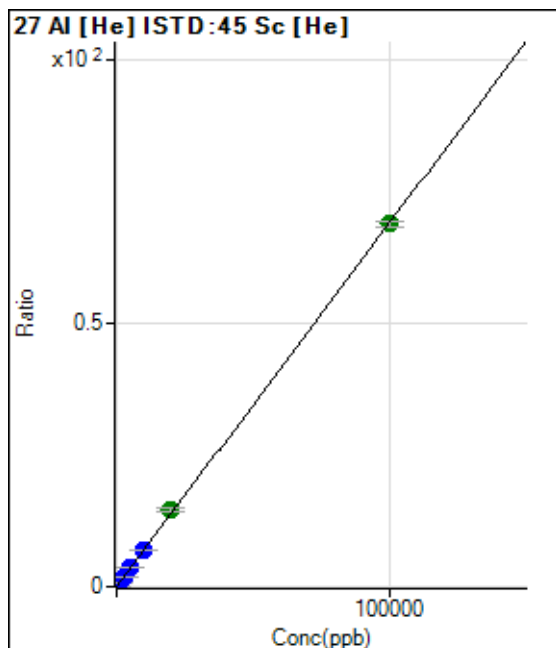
$$R = 1.0000$$

$$DL = 1.366$$

$$BEC = 7.492$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	71.11	0.0006	P	13.1
2	☐	20.000	20.604	1942.36	0.0148	P	3.5
3	☐	1000.000	1064.438	96309.61	0.7350	P	0.9
4	☐	2500.000	2595.394	232220.44	1.7914	P	0.6
5	☐	5000.000	5212.310	455641.28	3.5971	P	0.5
6	☐	10000.000	10204.111	889855.88	7.0415	P	1.1
7	☐	20000.000	21083.444	1774761.87	14.5483	A	6.8
8	☐	100000.00	99749.255	8785157.86	68.8283	A	1.4

$$y = 6.9001E-004 * x + 5.6281E-004$$

$$R = 0.9999$$

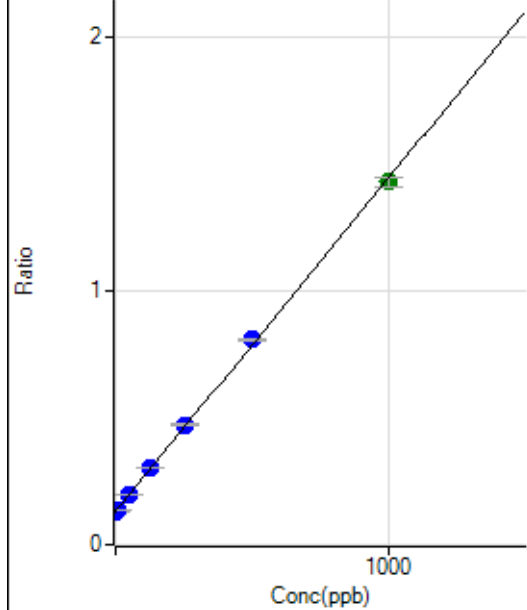
$$DL = 0.3208$$

$$BEC = 0.8157$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	192476.41	0.1309	P	0.4
2	☐	10.000	3.457	202346.14	0.1354	P	0.7
3	☐	50.000	51.414	296594.45	0.1985	P	2.0
4	☐	125.000	130.768	445535.95	0.3028	P	1.1
5	☐	250.000	259.889	682508.53	0.4725	P	1.6
6	☐	500.000	516.770	1143821.13	0.8101	P	0.8
7	☐	1000.000	988.416	2062109.29	1.4300	A	2.3
8	☐			198074.08	0.1393	P	1.9

$$y = 0.0013 * x + 0.1309$$

$$R = 0.9997$$

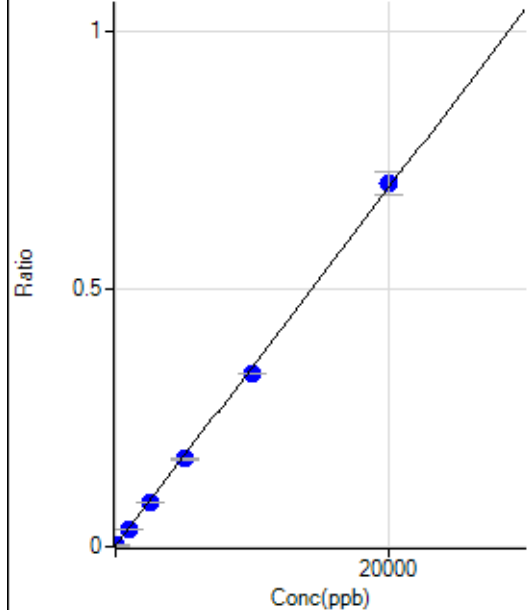
$$DL = 1.274$$

$$BEC = 99.6$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-14.560	111.11	0.0009	P	0.6
2	☐	0.000	14.560	248.89	0.0019	P	3.6
3	☐	1000.000	965.535	4574.07	0.0349	P	0.9
4	☐	2500.000	2442.512	11171.95	0.0862	P	0.6
5	☐	5000.000	4880.833	21642.03	0.1708	P	1.8
6	☐	10000.000	9606.586	42322.73	0.3349	P	0.5
7	☐	20000.000	20235.408	85875.69	0.7039	P	6.5
8	☐			142.23	0.0011	P	14.1

$$y = 3.4716E-005 * x + 0.0014$$

$$R = 0.9997$$

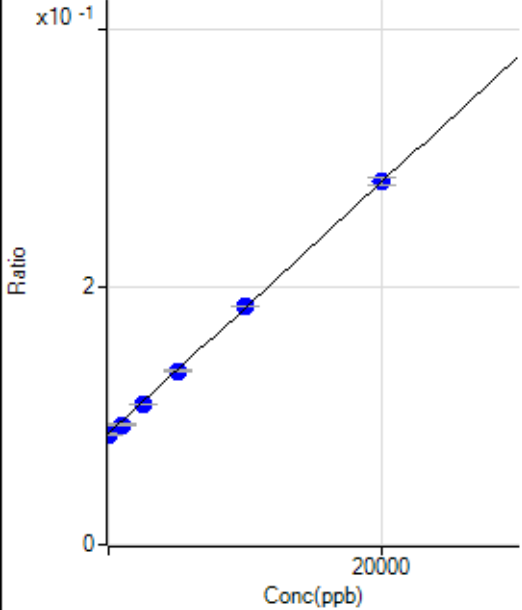
$$DL = 3.213$$

$$BEC = 39.99$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	89.429	128443.01	0.0874	P	0.6
2	☐	0.000	-89.429	127891.90	0.0856	P	1.3
3	☐	1000.000	649.710	138710.46	0.0928	P	1.4
4	☐	2500.000	2311.743	160432.05	0.1090	P	0.2
5	☐	5000.000	4975.900	195023.13	0.1350	P	1.1
6	☐	10000.000	10094.949	261105.47	0.1849	P	0.2
7	☐	20000.000	19999.597	405959.33	0.2815	P	2.2
8	☐			109779.56	0.0772	P	2.5

$y = 9.7518E-006 * x + 0.0865$

$R = 0.9998$

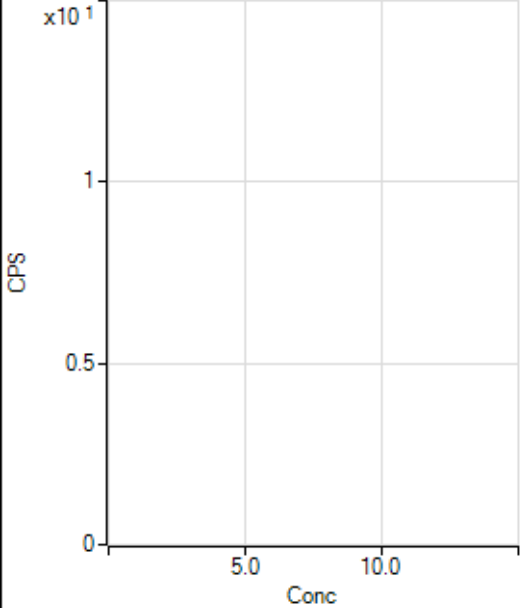
$DL = 251.1$

$BEC = 8868$

Weight: <None>

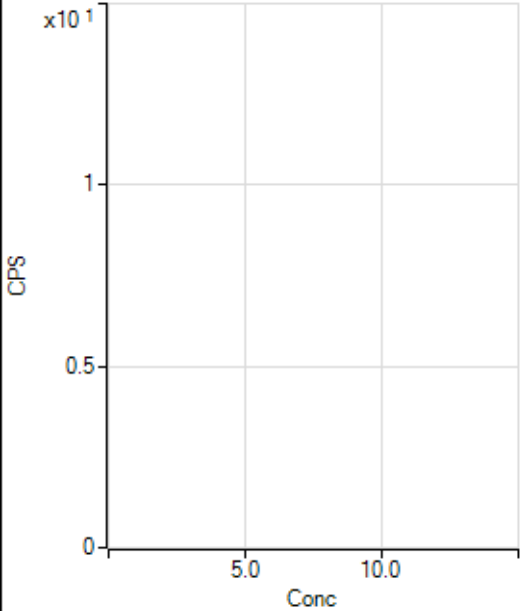
Min Conc: 0

35 Cl [No Gas] No available calibration points



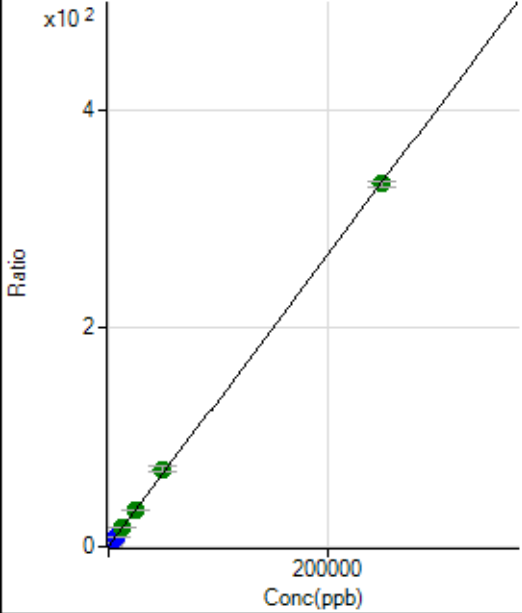
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐						
2	☐						
3	☐						
4	☐						
5	☐						
6	☐						
7	☐						
8	☐						

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	33717.31	0.2686	P	6.4
2	☐	500.000	539.015	129556.37	0.9857	P	1.6
3	☐	2500.000	2781.056	519970.39	3.9684	P	1.0
4	☐	6250.000	6930.036	1229948.23	9.4881	P	0.5
5	☐	12500.000	12766.131	2185173.28	17.2522	A	1.8
6	☐	25000.000	25253.958	4279750.14	33.8655	A	0.6
7	☐	50000.000	53251.484	8673419.52	71.1124	A	7.2
8	☐	250000.00	249291.11	42364444.37	331.9160	A	1.9

y = 0.0013 * x + 0.2686

R = 0.9999

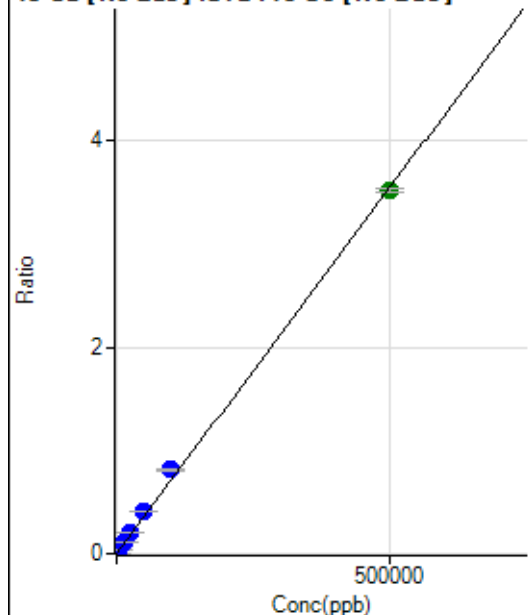
DL = 38.47

BEC = 201.9

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	151.12	0.0001	P	24.6
2	☐	500.000	542.330	5895.64	0.0039	P	0.9
3	☐	5000.000	5894.725	62586.15	0.0419	P	1.3
4	☐	12500.000	14584.819	152252.38	0.1035	P	0.4
5	☐	25000.000	28932.739	296354.20	0.2052	P	1.0
6	☐	50000.000	57734.091	577862.14	0.4093	P	0.6
7	☐	100000.00	114883.79	1174239.29	0.8143	P	2.3
8	☐	500000.00	495992.08	4998045.48	3.5152	A	0.9

$$y = 7.0870E-006 * x + 1.0277E-004$$

R = 0.9995

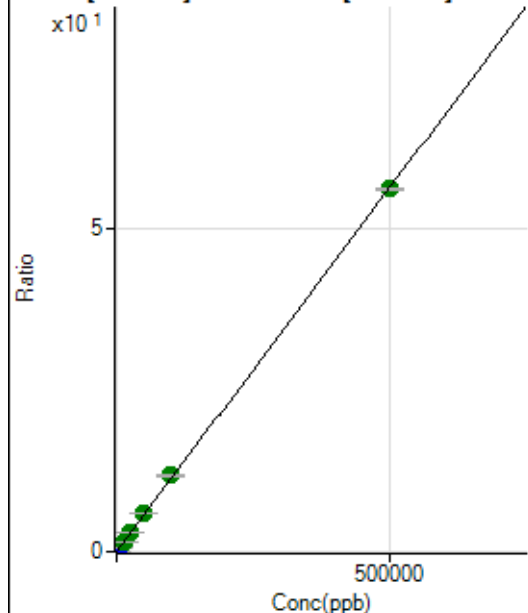
DL = 10.7

BEC = 14.5

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	2566.93	0.0017	P	5.6
2	☐	500.000	546.809	94335.34	0.0631	P	1.8
3	☐	5000.000	5738.427	965596.37	0.6461	P	1.4
4	☐	12500.000	13215.432	2186287.80	1.4857	A	1.1
5	☐	25000.000	26415.034	4287412.16	2.9680	A	1.0
6	☐	50000.000	52852.161	8382245.08	5.9367	A	0.8
7	☐	100000.00	104443.30	16914370.72	11.7300	A	2.6
8	☐	500000.00	498730.05	79630077.14	56.0055	A	0.5

$$y = 1.1229E-004 * x + 0.0017$$

R = 1.0000

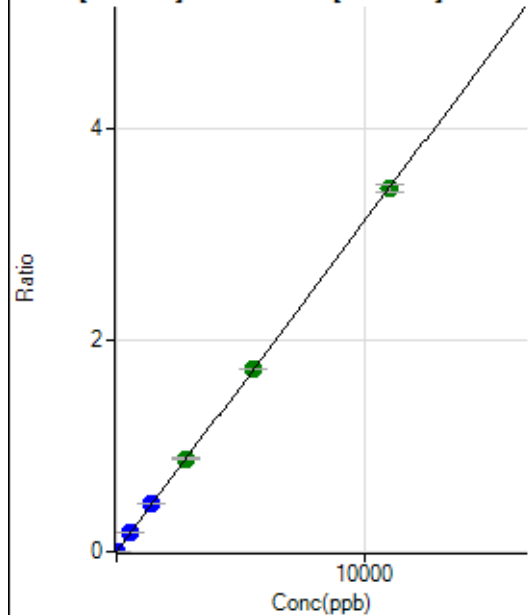
DL = 2.612

BEC = 15.55

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	33.33	0.0000	P	26.5
2	☐	5.000	5.264	2495.79	0.0017	P	7.0
3	☐	550.000	581.643	272045.16	0.1820	P	1.9
4	☐	1375.000	1444.149	665080.79	0.4520	P	0.8
5	☐	2750.000	2802.231	1266800.65	0.8770	A	1.9
6	☐	5500.000	5519.775	2439073.12	1.7274	A	0.6
7	☐	11000.000	10966.829	4949411.25	3.4321	A	2.0
8	☐			642.24	0.0005	P	1.8

$$y = 3.1295E-004 * x + 2.2671E-005$$

$$R = 1.0000$$

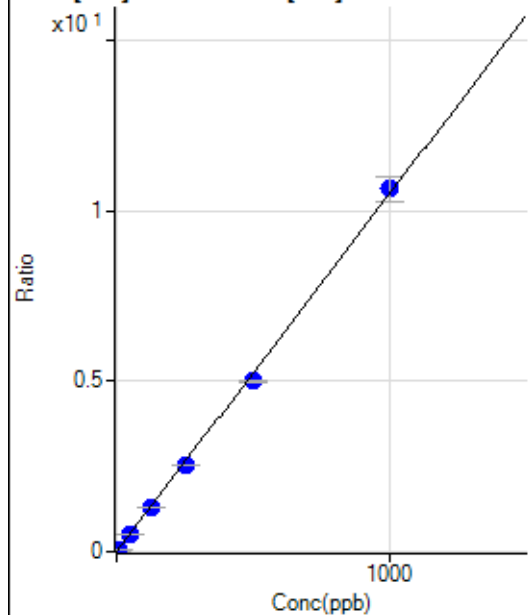
$$DL = 0.05759$$

$$BEC = 0.07244$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	3.33	0.0000	P	5.8
2	☐	5.000	4.938	6819.39	0.0519	P	0.8
3	☐	50.000	48.768	67091.54	0.5121	P	2.3
4	☐	125.000	121.970	166019.79	1.2807	P	0.4
5	☐	250.000	241.380	321041.57	2.5345	P	0.7
6	☐	500.000	477.033	632991.79	5.0089	P	1.1
7	☐	1000.000	1014.079	1298801.72	10.6479	P	7.0
8	☐			375.56	0.0029	P	9.6

$$y = 0.0105 * x + 2.6525E-005$$

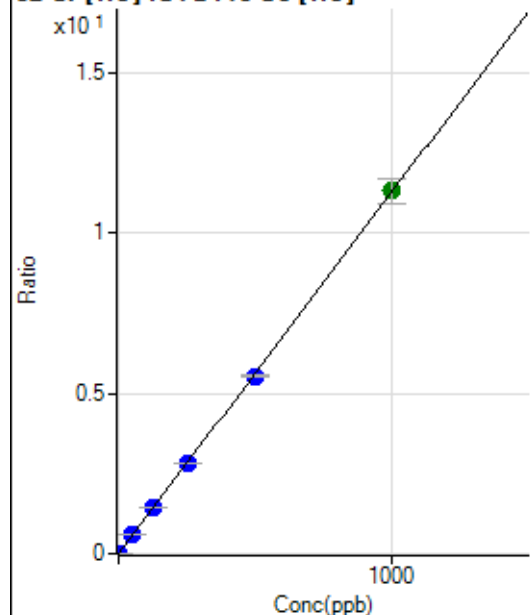
$$R = 0.9996$$

$$DL = 0.0004384$$

$$BEC = 0.002526$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	184.45	0.0015	P	14.2
2	☐	2.000	2.030	3193.70	0.0243	P	2.5
3	☐	50.000	51.083	75494.38	0.5762	P	0.7
4	☐	125.000	126.066	184045.63	1.4197	P	0.3
5	☐	250.000	250.606	357302.53	2.8208	P	1.0
6	☐	500.000	490.882	698096.23	5.5240	P	0.6
7	☐	1000.000	1004.220	1378501.56	11.2991	A	6.6
8	☐			4520.86	0.0354	P	2.7

$$y = 0.0113 * x + 0.0015$$

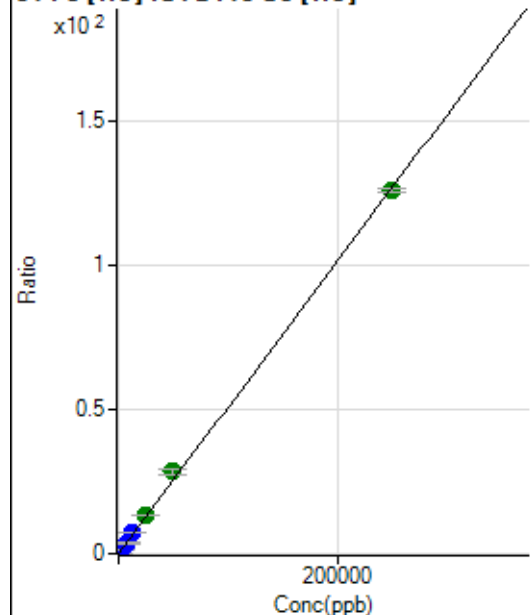
$$R = 0.9999$$

$$DL = 0.05521$$

$$BEC = 0.1299$$

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	808.92	0.0064	P	10.7
2	☐	50.000	59.174	4778.58	0.0364	P	1.6
3	☐	2500.000	2928.896	194826.43	1.4870	P	1.6
4	☐	6250.000	7221.329	474036.81	3.6568	P	0.3
5	☐	12500.000	14402.328	922984.36	7.2867	P	1.0
6	☐	25000.000	26809.580	1713464.47	13.5585	A	1.1
7	☐	50000.000	56380.991	3477118.77	28.5066	A	7.0
8	☐	250000.00	248419.15	16029364.62	125.5806	A	1.0

$$y = 5.0549E-004 * x + 0.0064$$

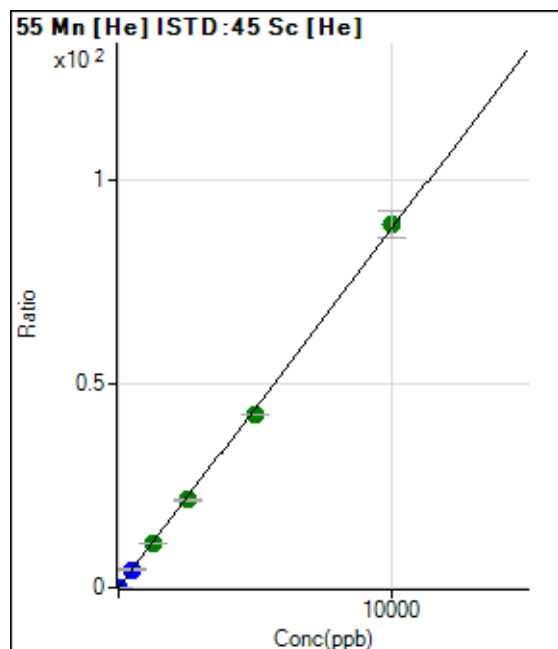
$$R = 0.9996$$

$$DL = 4.077$$

$$BEC = 12.75$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	82.22	0.0007	P	4.7
2	☐	1.000	0.978	1218.95	0.0093	P	4.4
3	☐	500.000	507.417	585919.55	4.4719	P	1.4
4	☐	1250.000	1214.558	1387424.25	10.7030	A	0.8
5	☐	2500.000	2441.806	2725602.84	21.5171	A	1.0
6	☐	5000.000	4813.642	5360525.96	42.4171	A	0.5
7	☐	10000.000	10111.787	10866742.06	89.1028	A	7.4
8	☐			5801.17	0.0454	P	1.3

$$y = 0.0088 * x + 6.5319E-004$$

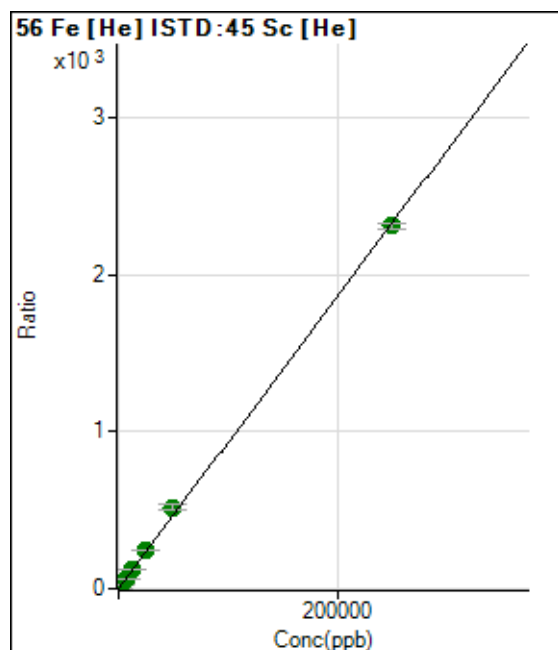
$$R = 0.9997$$

$$DL = 0.01038$$

$$BEC = 0.07413$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4445.14	0.0353	P	1.0
2	☐	50.000	56.872	74064.38	0.5635	P	1.0
3	☐	2500.000	2694.175	3282784.43	25.0547	A	1.3
4	☐	6250.000	6729.578	8105899.81	62.5292	A	0.8
5	☐	12500.000	13335.615	15690970.05	123.8758	A	0.9
6	☐	25000.000	26378.100	30961456.20	244.9941	A	0.3
7	☐	50000.000	55608.997	62995862.95	516.4453	A	7.0
8	☐	250000.00	248684.67	294770055.6	2309.432	A	1.7

$$y = 0.0093 * x + 0.0353$$

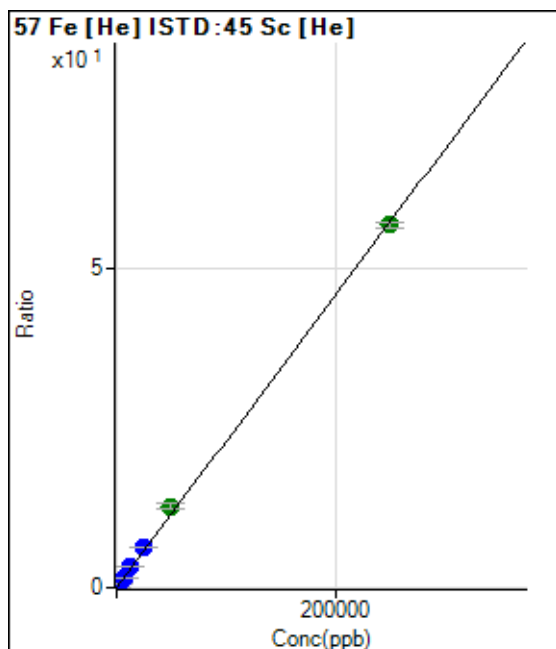
$$R = 0.9997$$

$$DL = 0.1089$$

$$BEC = 3.806$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	570.93	0.0045	P	2.2
2	☐	50.000	56.652	2298.67	0.0175	P	0.8
3	☐	2500.000	2863.185	86324.41	0.6588	P	0.7
4	☐	6250.000	7111.524	211241.44	1.6296	P	0.5
5	☐	12500.000	14174.358	410824.30	3.2435	P	1.3
6	☐	25000.000	27854.965	804946.05	6.3695	P	0.9
7	☐	50000.000	55599.370	1550466.80	12.7093	A	6.7
8	☐	250000.00	248485.74	7247805.38	56.7847	A	1.5

$$y = 2.2850\text{E-}004 * x + 0.0045$$

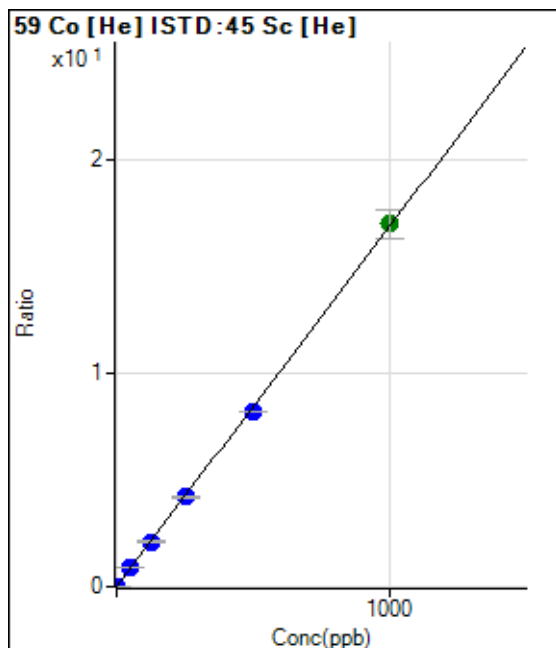
$$R = 0.9997$$

$$DL = 1.32$$

$$BEC = 19.87$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	13.33	0.0001	P	47.6
2	☐	1.000	1.043	2324.64	0.0177	P	3.6
3	☐	50.000	51.013	112743.61	0.8605	P	1.0
4	☐	125.000	125.278	273906.26	2.1130	P	0.7
5	☐	250.000	248.864	531650.91	4.1973	P	1.2
6	☐	500.000	485.548	1034906.57	8.1891	P	0.2
7	☐	1000.000	1007.425	2071870.04	16.9908	A	7.7
8	☐			5369.89	0.0421	P	1.9

$$y = 0.0169 * x + 1.0469\text{E-}004$$

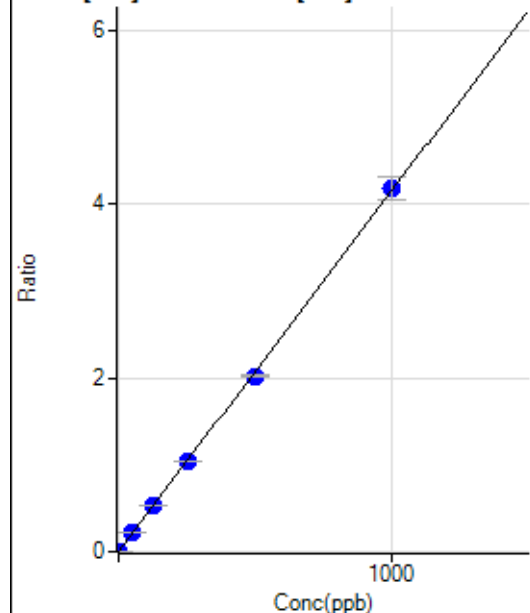
$$R = 0.9998$$

$$DL = 0.008856$$

$$BEC = 0.006207$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	56.67	0.0004	P	12.5
2	☐	1.000	1.017	613.35	0.0047	P	3.8
3	☐	50.000	52.529	28603.97	0.2183	P	2.8
4	☐	125.000	126.195	67913.89	0.5239	P	1.1
5	☐	250.000	251.718	132312.77	1.0445	P	0.5
6	☐	500.000	487.434	255566.83	2.0223	P	0.4
7	☐	1000.000	1005.578	508936.76	4.1715	P	6.5
8	☐			1922.37	0.0151	P	5.4

$$y = 0.0041 * x + 4.4849E-004$$

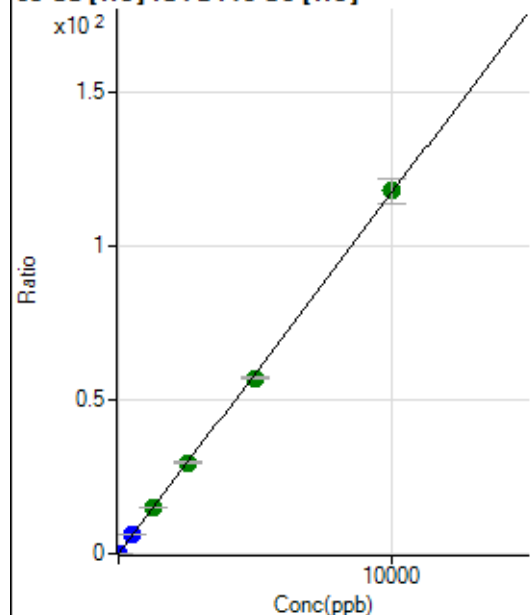
$$R = 0.9999$$

$$DL = 0.04045$$

$$BEC = 0.1081$$

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	544.46	0.0043	P	1.4
2	☐	2.000	1.945	3563.80	0.0271	P	1.9
3	☐	500.000	516.283	793019.97	6.0525	P	1.4
4	☐	1250.000	1274.155	1935512.80	14.9308	A	0.5
5	☐	2500.000	2514.849	3732116.20	29.4654	A	1.5
6	☐	5000.000	4859.559	7194828.37	56.9333	A	1.3
7	☐	10000.000	10062.675	14381484.79	117.8869	A	6.7
8	☐			3308.17	0.0259	P	3.5

$$y = 0.0117 * x + 0.0043$$

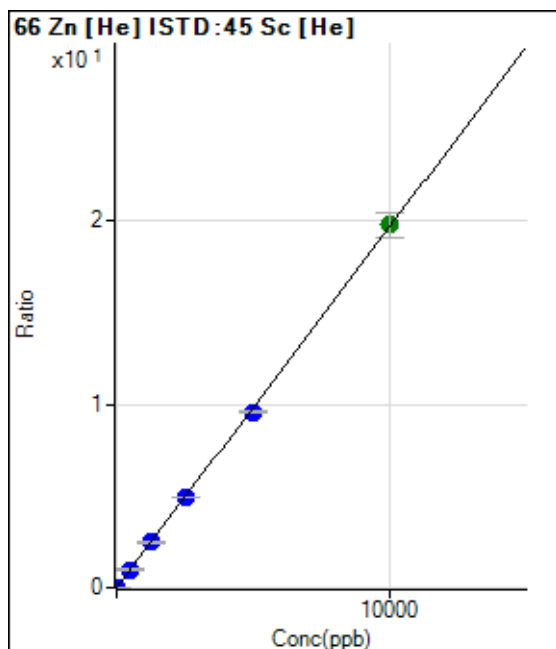
$$R = 0.9998$$

$$DL = 0.01586$$

$$BEC = 0.3694$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	73.34	0.0006	P	34.3
2	☐	2.000	5.186	1418.97	0.0108	P	5.4
3	☐	500.000	504.749	130212.59	0.9939	P	2.2
4	☐	1250.000	1254.211	320026.83	2.4687	P	0.3
5	☐	2500.000	2505.769	624678.88	4.9316	P	0.7
6	☐	5000.000	4875.497	1212570.67	9.5949	P	0.3
7	☐	10000.000	10060.045	2415177.79	19.7975	A	6.7
8	☐			904.48	0.0071	P	3.7

$$y = 0.0020 * x + 5.8993E-004$$

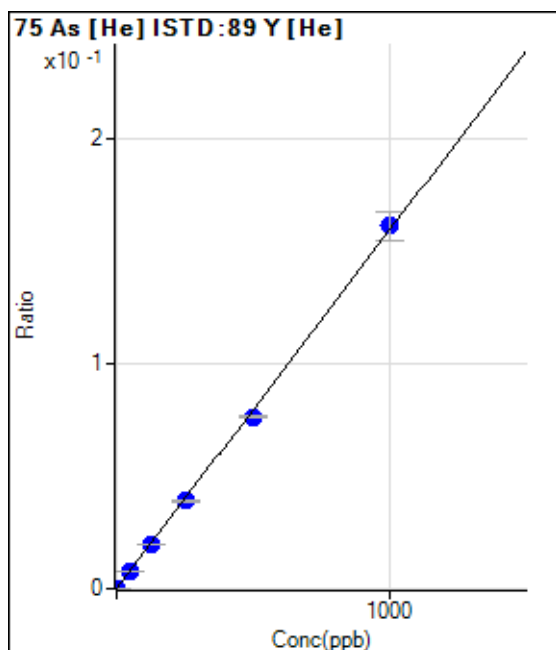
$$R = 0.9999$$

$$DL = 0.3083$$

$$BEC = 0.2998$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2.22	0.0000	P	86.9
2	☐	1.000	1.083	203.33	0.0002	P	20.7
3	☐	50.000	48.610	9079.51	0.0078	P	0.2
4	☐	125.000	122.340	22582.83	0.0195	P	0.1
5	☐	250.000	244.153	44251.30	0.0389	P	1.4
6	☐	500.000	479.554	87362.64	0.0765	P	1.2
7	☐	1000.000	1012.086	176299.67	0.1614	P	7.6
8	☐			101.11	0.0001	P	25.1

$$y = 1.5949E-004 * x + 2.0302E-006$$

$$R = 0.9997$$

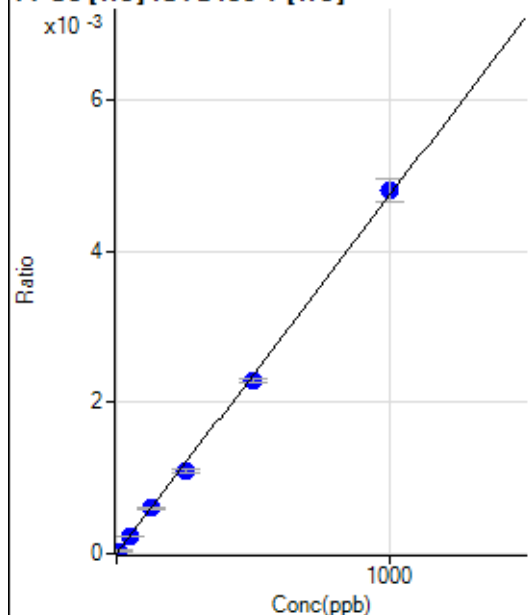
$$DL = 0.03319$$

$$BEC = 0.01273$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	7.447	41.11	0.0000	P	25.8
3	☐	50.000	49.446	274.45	0.0002	P	6.2
4	☐	125.000	126.367	693.36	0.0006	P	1.6
5	☐	250.000	233.243	1256.73	0.0011	P	4.5
6	☐	500.000	482.021	2610.25	0.0023	P	1.8
7	☐	1000.000	1013.023	5253.20	0.0048	P	6.5
8	☐			0.00	0.0000	P	

$y = 4.7409\text{E-}006 * x + 0.0000\text{E+}000$

R = 0.9996

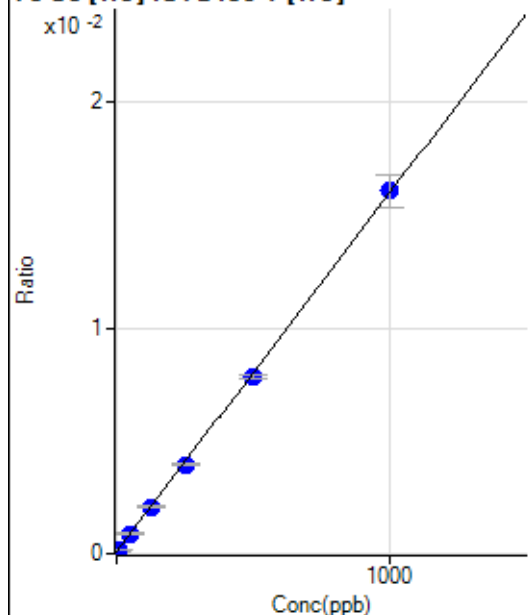
DL = 0

BEC = 0

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	90.00	0.0001	P	26.2
2	☐	5.000	5.936	204.45	0.0002	P	18.8
3	☐	50.000	50.812	1041.16	0.0009	P	3.8
4	☐	125.000	125.711	2406.89	0.0021	P	3.9
5	☐	250.000	243.968	4500.73	0.0040	P	1.7
6	☐	500.000	489.765	8989.47	0.0079	P	2.6
7	☐	1000.000	1006.491	17554.91	0.0161	P	9.2
8	☐			90.00	0.0001	P	20.7

$y = 1.5902\text{E-}005 * x + 8.1237\text{E-}005$

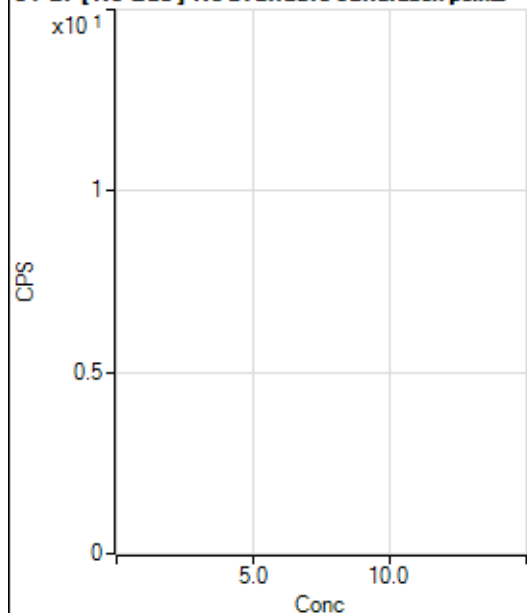
R = 0.9999

DL = 4.01

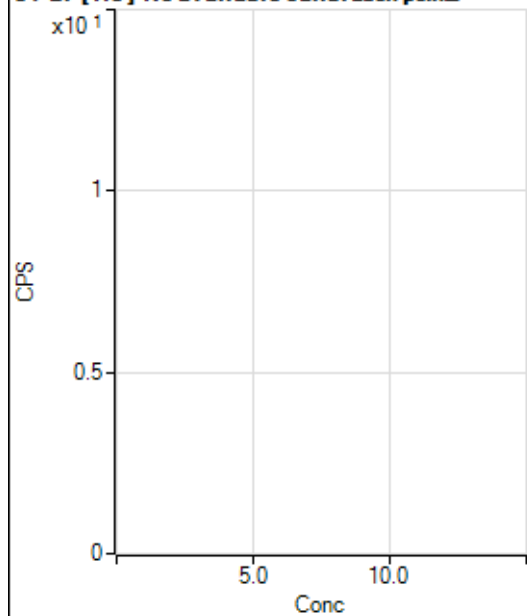
BEC = 5.109

Weight: <None>

Min Conc: 0

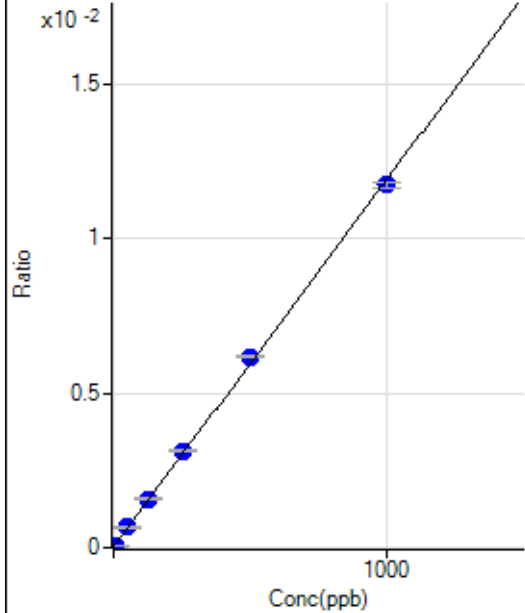
81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6632.67		P	1.3
2	☐			6385.89		P	2.1
3	☐			6500.37		P	1.2
4	☐			6301.41		P	0.8
5	☐			6361.43		P	1.4
6	☐			6198.02		P	2.4
7	☐			6010.17		P	0.3
8	☐			6356.98		P	1.5

81 Br [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			37.78		P	48.6
2	☐			36.67		P	32.8
3	☐			36.67		P	18.2
4	☐			28.89		P	29.0
5	☐			34.44		P	43.6
6	☐			26.67		P	66.2
7	☐			43.34		P	48.0
8	☐			34.44		P	24.3

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	91.57	0.0000	P	23.8
2	☐	5.000	5.394	395.20	0.0001	P	5.9
3	☐	50.000	53.622	3068.49	0.0007	P	1.9
4	☐	125.000	131.404	7389.67	0.0016	P	1.9
5	☐	250.000	262.597	14410.96	0.0031	P	2.1
6	☐	500.000	518.789	28140.45	0.0062	P	1.5
7	☐	1000.000	986.473	55581.24	0.0118	P	1.3
8	☐			183.09	0.0000	P	19.7

$y = 1.1894\text{E-}005 * x + 1.9590\text{E-}005$

$R = 0.9996$

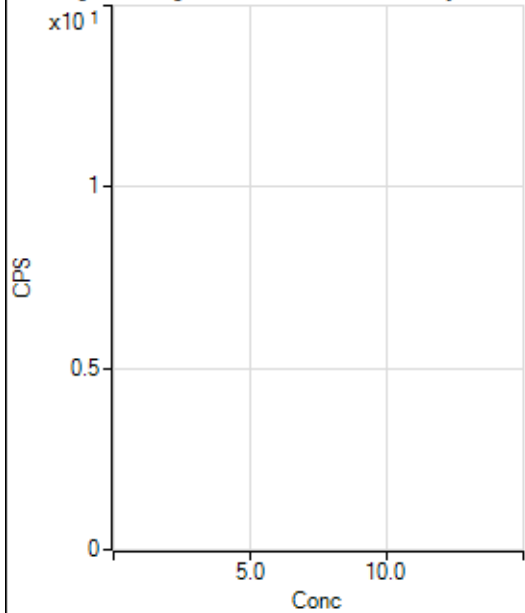
$DL = 1.176$

$BEC = 1.647$

Weight: <None>

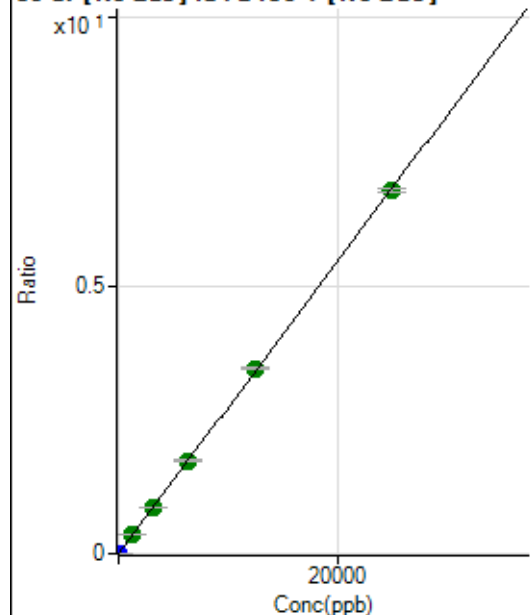
Min Conc: 0

83 Kr [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			83.33		P	10.6
2	☐			67.78		P	14.2
3	☐			68.89		P	11.2
4	☐			67.78		P	28.8
5	☐			50.00		P	29.1
6	☐			67.78		P	17.3
7	☐			74.44		P	17.0
8	☐			81.11		P	4.7

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	120.00	0.0000	P	5.7
2	☐	1.000	1.054	1474.53	0.0003	P	4.1
3	☐	1250.000	1304.327	1656848.74	0.3550	A	1.8
4	☐	3125.000	3175.605	4035164.70	0.8642	A	1.9
5	☐	6250.000	6381.479	7962320.71	1.7365	A	1.8
6	☐	12500.000	12674.830	15680251.99	3.4490	A	0.7
7	☐	25000.000	24870.674	32006184.80	6.7677	A	1.1
8	☐			4994.23	0.0011	P	6.7

$$y = 2.7211\text{E-}004 * x + 2.5691\text{E-}005$$

$$R = 0.9999$$

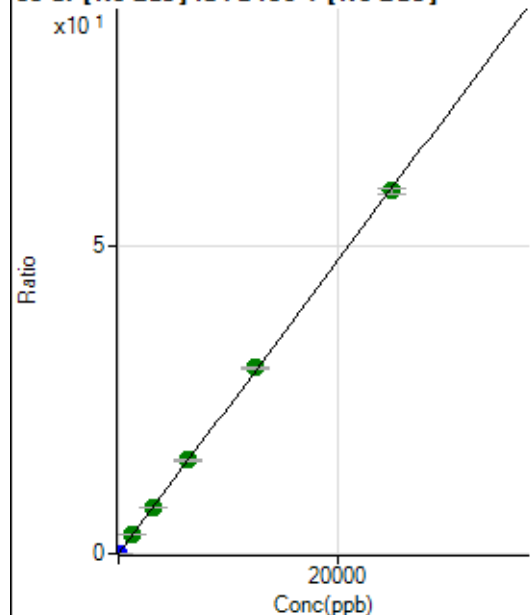
$$DL = 0.01605$$

$$BEC = 0.09441$$

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	90.00	0.0000	P	19.6
2	☐	1.000	1.035	11702.54	0.0025	P	0.3
3	☐	1250.000	1286.094	14277308.54	3.0586	A	1.5
4	☐	3125.000	3174.488	35253965.03	7.5496	A	1.0
5	☐	6250.000	6395.303	69741855.63	15.2094	A	0.9
6	☐	12500.000	12731.620	137650696.8	30.2784	A	1.0
7	☐	25000.000	24839.873	279375858.0	59.0743	A	1.3
8	☐			43971.29	0.0098	P	6.4

$$y = 0.0024 * x + 1.9268\text{E-}005$$

$$R = 0.9999$$

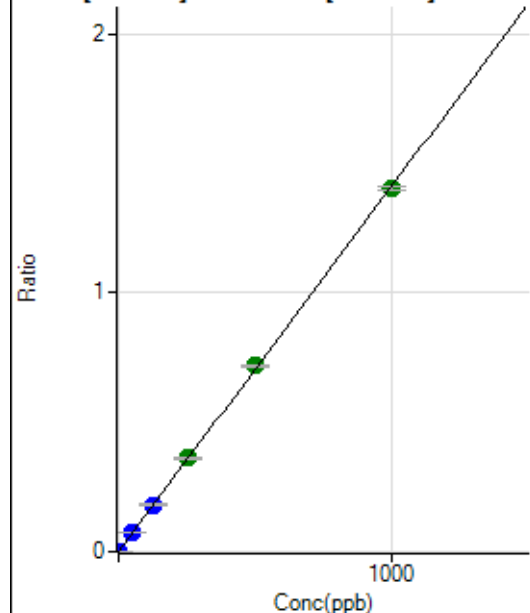
$$DL = 0.004764$$

$$BEC = 0.008102$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	153.34	0.0000	P	20.3
2	☐	1.000	0.979	6672.69	0.0014	P	1.0
3	☐	50.000	51.540	339509.41	0.0727	P	1.3
4	☐	125.000	128.259	844939.98	0.1809	P	1.2
5	☐	250.000	255.422	1652147.14	0.3603	A	1.7
6	☐	500.000	509.737	3268884.18	0.7190	A	0.8
7	☐	1000.000	993.291	6626244.55	1.4011	A	1.0
8	☐			4058.41	0.0009	P	5.7

$$y = 0.0014 * x + 3.2841E-005$$

$$R = 0.9999$$

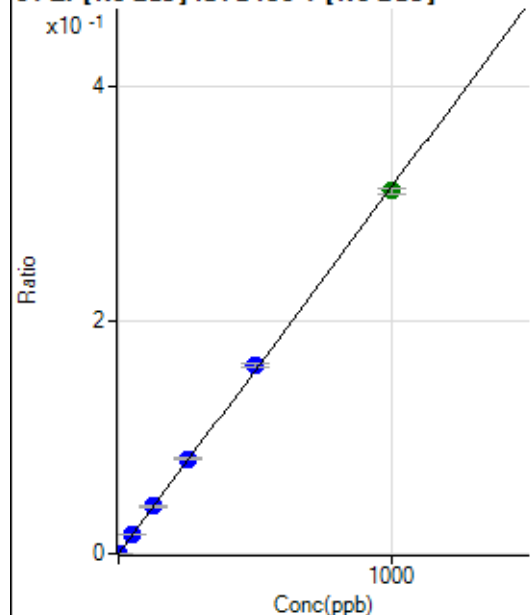
$$DL = 0.01418$$

$$BEC = 0.02328$$

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	31.11	0.0000	P	24.6
2	☐	1.000	1.043	1575.66	0.0003	P	9.6
3	☐	50.000	51.675	75764.18	0.0162	P	1.9
4	☐	125.000	128.602	188580.09	0.0404	P	1.1
5	☐	250.000	258.230	371795.29	0.0811	P	1.4
6	☐	500.000	515.409	735672.70	0.1618	P	1.6
7	☐	1000.000	989.704	1469541.78	0.3107	A	1.8
8	☐			918.93	0.0002	P	9.9

$$y = 3.1397E-004 * x + 6.6595E-006$$

$$R = 0.9998$$

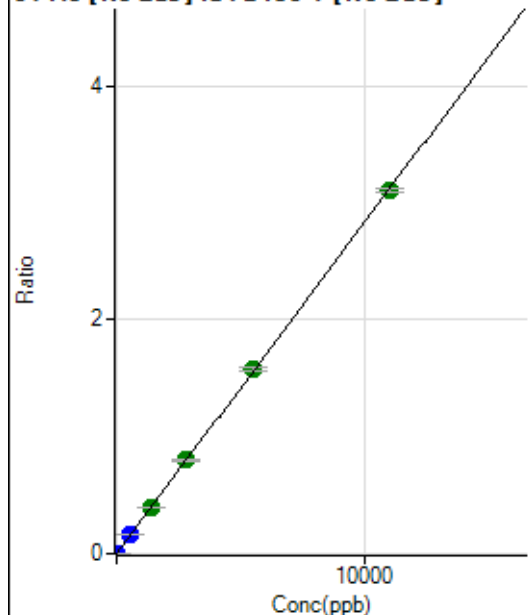
$$DL = 0.01567$$

$$BEC = 0.02121$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	68.89	0.0000	P	10.8
2	☐	5.000	6.020	8117.88	0.0017	P	2.0
3	☐	550.000	569.061	752748.14	0.1613	P	1.2
4	☐	1375.000	1409.389	1864871.05	0.3994	A	1.1
5	☐	2750.000	2832.691	3680447.06	0.8027	A	1.5
6	☐	5500.000	5570.951	7175877.88	1.5785	A	1.7
7	☐	11000.000	10938.599	14658173.67	3.0994	A	1.0
8	☐			3680.50	0.0008	P	7.5

$$y = 2.8335E-004 * x + 1.4743E-005$$

R = 0.9999

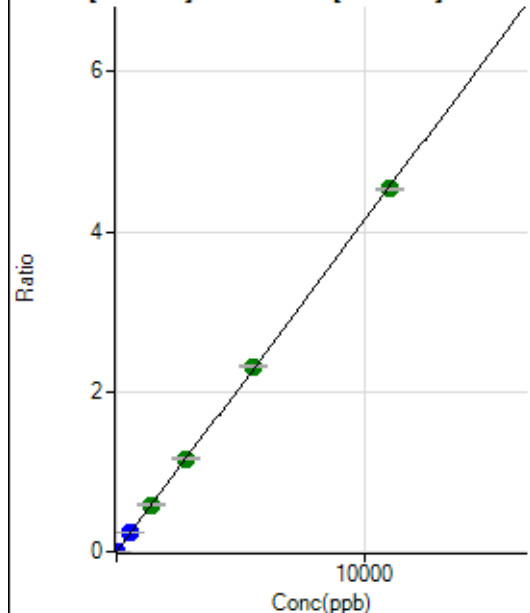
DL = 0.01686

BEC = 0.05203

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	18.89	0.0000	P	26.6
2	☐	5.000	5.009	9816.72	0.0021	P	2.7
3	☐	550.000	567.157	1097564.40	0.2351	P	1.2
4	☐	1375.000	1418.108	2745215.76	0.5879	A	1.4
5	☐	2750.000	2798.999	5320663.64	1.1604	A	1.7
6	☐	5500.000	5588.005	10531519.91	2.3166	A	1.0
7	☐	11000.000	10937.502	21444151.07	4.5343	A	0.8
8	☐			3920.75	0.0009	P	6.2

$$y = 4.1456E-004 * x + 4.0402E-006$$

R = 0.9999

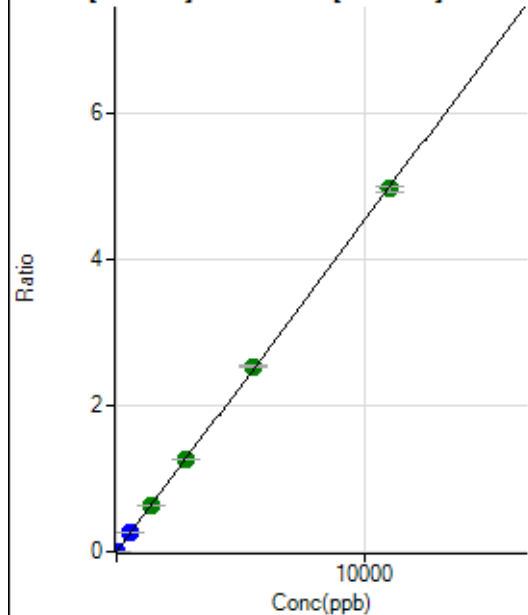
DL = 0.007778

BEC = 0.009746

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	33.33	0.0000	P	53.3
2	☐	5.000	5.141	11020.90	0.0023	P	3.5
3	☐	550.000	565.770	1196352.73	0.2563	P	0.9
4	☐	1375.000	1396.319	2953552.73	0.6325	A	0.9
5	☐	2750.000	2775.252	5764463.25	1.2571	A	0.7
6	☐	5500.000	5596.565	11523893.72	2.5351	A	2.0
7	☐	11000.000	10941.951	23439394.09	4.9564	A	1.6
8	☐			7840.47	0.0018	P	15.4

$$y = 4.5297\text{E-}004 * x + 7.1454\text{E-}006$$

R = 0.9999

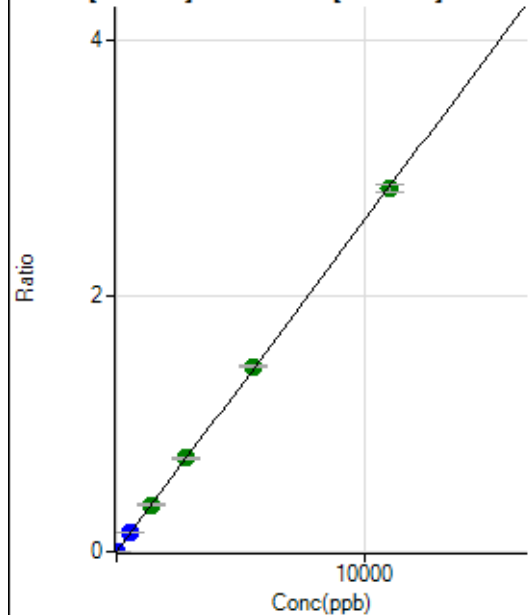
DL = 0.02524

BEC = 0.01577

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	4.44	0.0000	P	114.
2	☐	5.000	5.106	6249.17	0.0013	P	2.3
3	☐	550.000	573.728	694150.79	0.1487	P	1.0
4	☐	1375.000	1407.436	1703336.31	0.3648	A	2.3
5	☐	2750.000	2817.654	3348797.45	0.7303	A	0.8
6	☐	5500.000	5588.836	6584877.26	1.4485	A	1.9
7	☐	11000.000	10933.427	13400840.91	2.8338	A	2.2
8	☐			3352.10	0.0007	P	58.0

$$y = 2.5918\text{E-}004 * x + 9.5146\text{E-}007$$

R = 0.9999

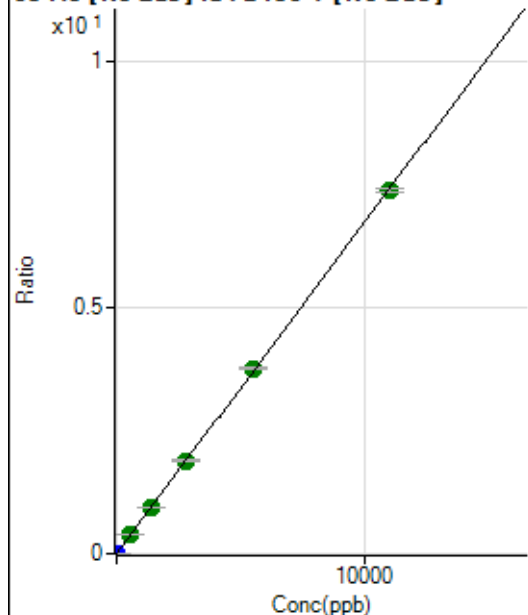
DL = 0.0126

BEC = 0.003671

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	24.44	0.0000	P	20.6
2	☐	5.000	5.098	16205.71	0.0034	P	0.7
3	☐	550.000	564.643	1772956.81	0.3798	A	1.8
4	☐	1375.000	1395.553	4383522.89	0.9388	A	1.8
5	☐	2750.000	2809.078	8664640.08	1.8896	A	0.9
6	☐	5500.000	5588.310	17089113.63	3.7591	A	1.7
7	☐	11000.000	10937.774	34796436.15	7.3575	A	0.9
8	☐			8605.85	0.0019	P	61.5

$$y = 6.7267E-004 * x + 5.2314E-006$$

R = 0.9999

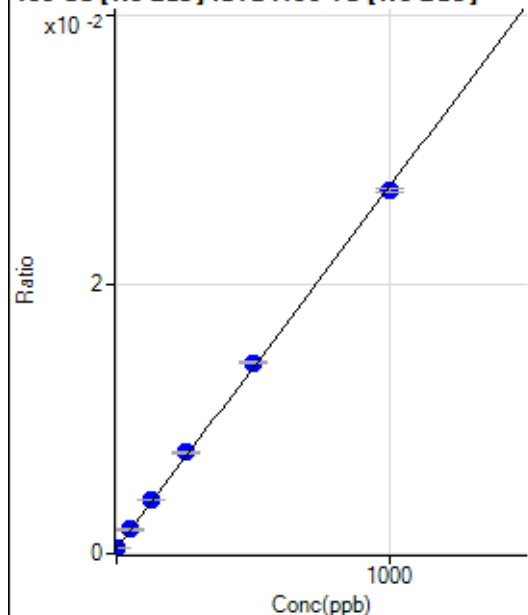
DL = 0.004808

BEC = 0.007777

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	1370.08	0.0004	P	2.5
2	☐	1.000	1.197	1507.87	0.0004	P	7.1
3	☐	50.000	53.052	6826.10	0.0018	P	1.6
4	☐	125.000	134.759	15248.11	0.0040	P	1.2
5	☐	250.000	265.317	28549.22	0.0075	P	0.2
6	☐	500.000	513.848	54835.19	0.0142	P	1.2
7	☐	1000.000	987.874	107903.65	0.0270	P	0.9
8	☐			1484.54	0.0004	P	5.7

$$y = 2.6960E-005 * x + 3.6677E-004$$

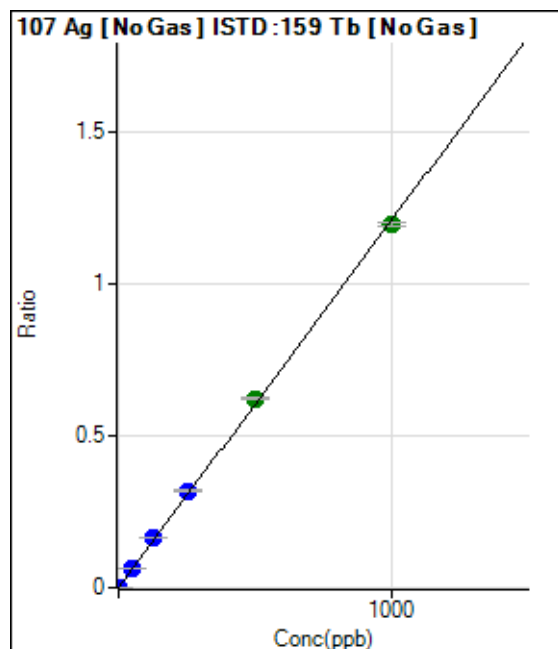
R = 0.9997

DL = 1.022

BEC = 13.6

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	26.67	0.0000	P	55.5
2	☐	1.000	1.002	4607.44	0.0012	P	0.8
3	☐	50.000	54.617	251186.04	0.0661	P	1.0
4	☐	125.000	133.965	618299.39	0.1622	P	0.4
5	☐	250.000	263.892	1212891.20	0.3195	P	1.1
6	☐	500.000	514.954	2404030.83	0.6234	A	0.7
7	☐	1000.000	987.699	4778714.06	1.1958	A	1.2
8	☐			1074.01	0.0003	P	74.3

$$y = 0.0012 * x + 7.1634E-006$$

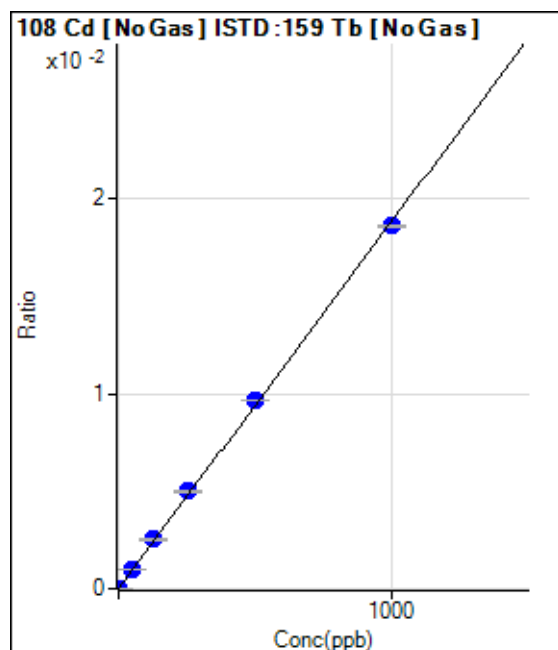
$$R = 0.9997$$

$$DL = 0.00986$$

$$BEC = 0.005917$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	4.44	0.0000	P	114.
2	☐	1.000	1.409	104.44	0.0000	P	12.5
3	☐	50.000	52.934	3786.09	0.0010	P	2.3
4	☐	125.000	135.123	9691.08	0.0025	P	3.7
5	☐	250.000	265.685	18976.92	0.0050	P	1.1
6	☐	500.000	512.275	37159.77	0.0096	P	0.3
7	☐	1000.000	988.529	74313.44	0.0186	P	0.3
8	☐			54.44	0.0000	P	24.8

$$y = 1.8809E-005 * x + 1.1829E-006$$

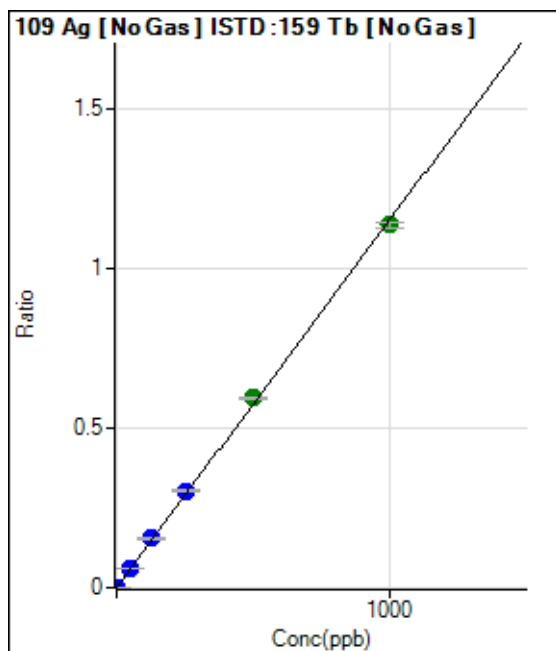
$$R = 0.9997$$

$$DL = 0.2163$$

$$BEC = 0.06289$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	12.22	0.0000	P	32.6
2	☐	1.000	1.060	4616.33	0.0012	P	1.4
3	☐	50.000	54.423	237790.28	0.0626	P	1.5
4	☐	125.000	133.911	587194.71	0.1540	P	0.8
5	☐	250.000	263.409	1150296.32	0.3030	P	0.9
6	☐	500.000	516.008	2288757.14	0.5935	A	1.3
7	☐	1000.000	987.309	4538527.81	1.1357	A	1.6
8	☐			771.29	0.0002	P	54.7

$$y = 0.0012 * x + 3.2787E-006$$

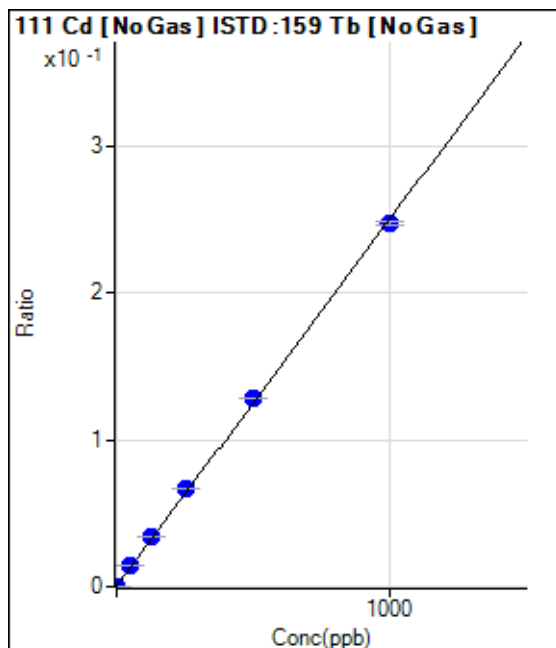
$$R = 0.9997$$

$$DL = 0.002787$$

$$BEC = 0.00285$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	955.94	0.0003	P	2.6
2	☐	1.000	1.160	2062.45	0.0005	P	8.2
3	☐	50.000	54.600	52809.55	0.0139	P	1.8
4	☐	125.000	134.835	129455.98	0.0340	P	0.4
5	☐	250.000	266.941	254270.35	0.0670	P	1.4
6	☐	500.000	512.458	494926.21	0.1283	P	0.2
7	☐	1000.000	988.076	988031.65	0.2472	P	1.0
8	☐			1225.52	0.0003	P	10.0

$$y = 2.4995E-004 * x + 2.5591E-004$$

$$R = 0.9997$$

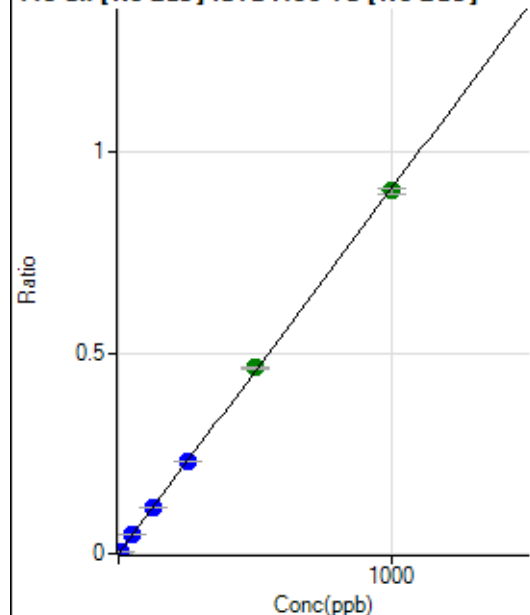
$$DL = 0.0791$$

$$BEC = 1.024$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	785.60	0.0002	P	10.2
2	☐	5.000	5.009	17976.29	0.0048	P	1.9
3	☐	50.000	51.744	179349.84	0.0472	P	1.6
4	☐	125.000	128.255	444972.87	0.1167	P	0.6
5	☐	250.000	252.936	873175.46	0.2300	P	0.6
6	☐	500.000	510.075	1787720.87	0.4636	A	0.8
7	☐	1000.000	993.734	3608686.78	0.9030	A	1.4
8	☐			2052.32	0.0005	P	7.9

$$y = 9.0847\text{E-}004 * x + 2.1041\text{E-}004$$

$$R = 0.9999$$

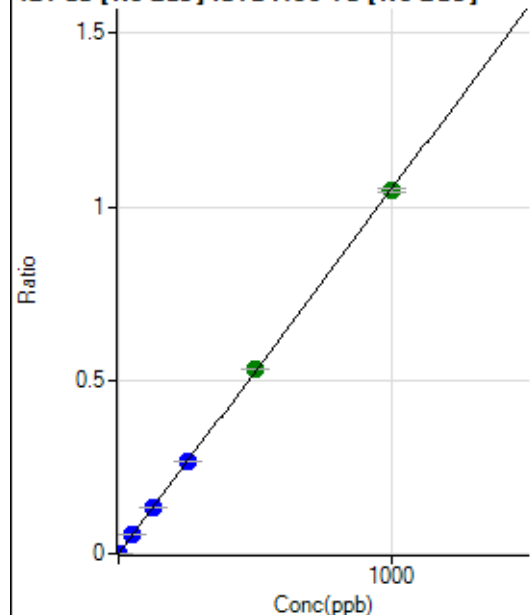
$$DL = 0.07101$$

$$BEC = 0.2316$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	16.67	0.0000	P	52.4
2	☐	2.000	2.071	8233.53	0.0022	P	1.7
3	☐	50.000	51.126	204075.24	0.0537	P	1.0
4	☐	125.000	126.860	508165.75	0.1333	P	0.7
5	☐	250.000	254.219	1014128.41	0.2671	P	1.1
6	☐	500.000	506.433	2052063.28	0.5321	A	0.8
7	☐	1000.000	995.439	4180128.69	1.0460	A	1.0
8	☐			3139.32	0.0008	P	5.8

$$y = 0.0011 * x + 4.4463\text{E-}006$$

$$R = 1.0000$$

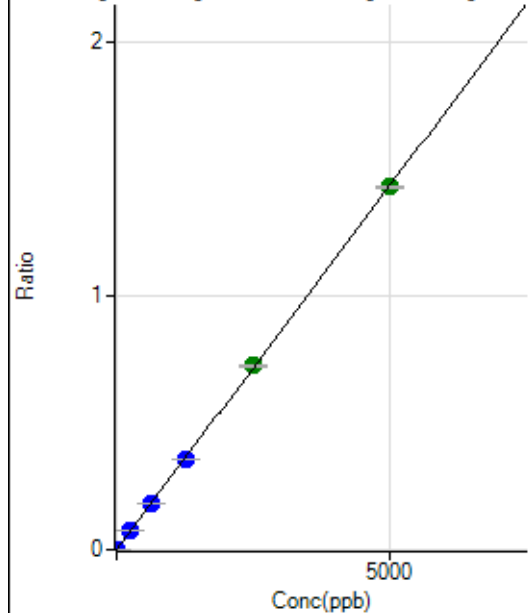
$$DL = 0.00665$$

$$BEC = 0.004232$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	15.56	0.0000	P	11.5
2	☐	10.000	9.625	10440.58	0.0028	P	1.0
3	☐	250.000	253.598	276286.02	0.0727	P	1.3
4	☐	625.000	625.739	684145.76	0.1795	P	0.9
5	☐	1250.000	1241.190	1351479.88	0.3560	P	0.7
6	☐	2500.000	2527.226	2795035.62	0.7248	A	0.7
7	☐	5000.000	4988.318	5717707.35	1.4307	A	0.7
8	☐			2222.52	0.0006	P	9.1

$$y = 2.8681E-004 * x + 4.1610E-006$$

$$R = 1.0000$$

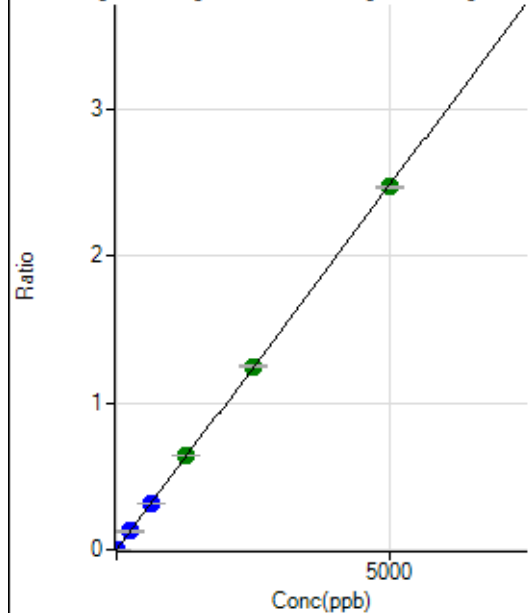
$$DL = 0.005006$$

$$BEC = 0.01451$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	31.11	0.0000	P	16.2
2	☐	10.000	9.713	18245.12	0.0048	P	2.8
3	☐	250.000	251.741	474955.60	0.1250	P	1.2
4	☐	625.000	623.083	1179752.48	0.3095	P	0.6
5	☐	1250.000	1297.237	2446078.57	0.6443	A	0.7
6	☐	2500.000	2518.043	4822620.83	1.2506	A	1.1
7	☐	5000.000	4979.323	9883538.32	2.4731	A	0.9
8	☐			3721.73	0.0010	P	7.7

$$y = 4.9667E-004 * x + 8.3272E-006$$

$$R = 0.9999$$

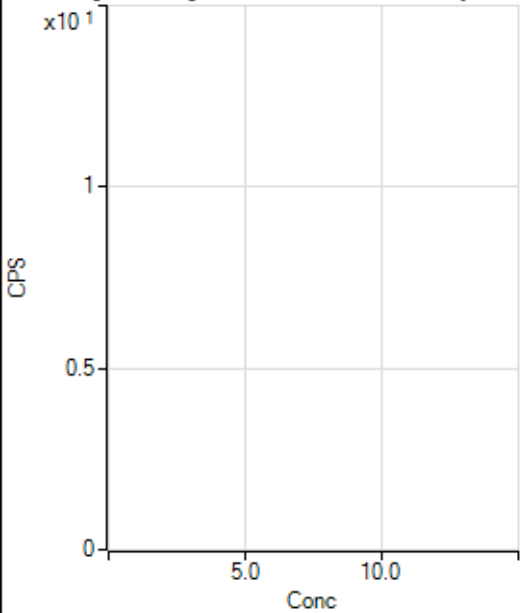
$$DL = 0.008125$$

$$BEC = 0.01677$$

Weight: <None>

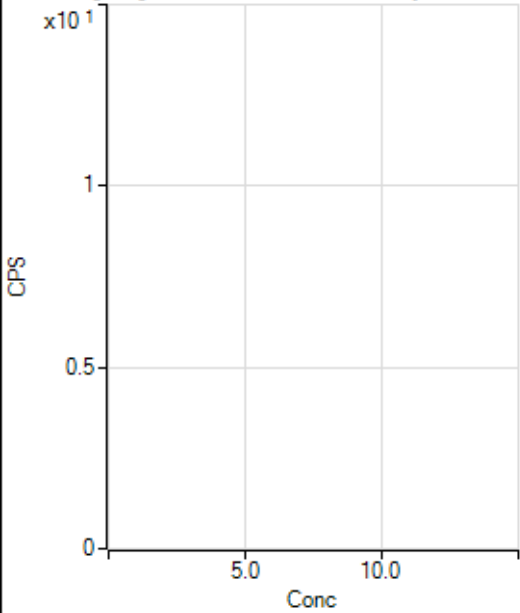
Min Conc: 0

150 Nd [No Gas] No available calibration points

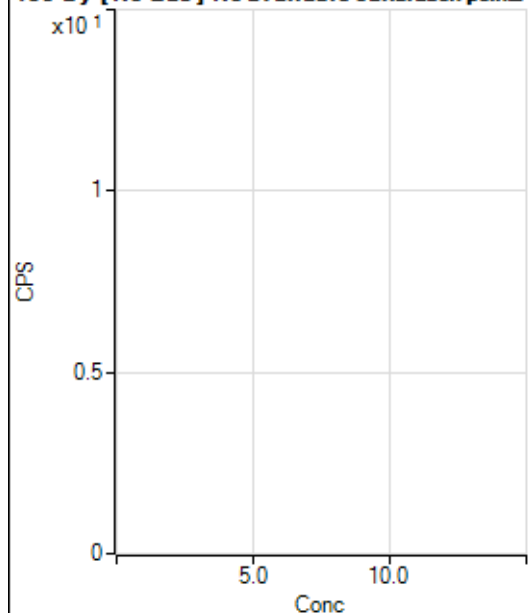


	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐			2.22		P	86.6
3	☐			26.67		P	54.5
4	☐			43.33		P	20.3
5	☐			113.33		P	15.6
6	☐			198.89		P	5.1
7	☐			428.90		P	10.1
8	☐			81.11		P	18.5

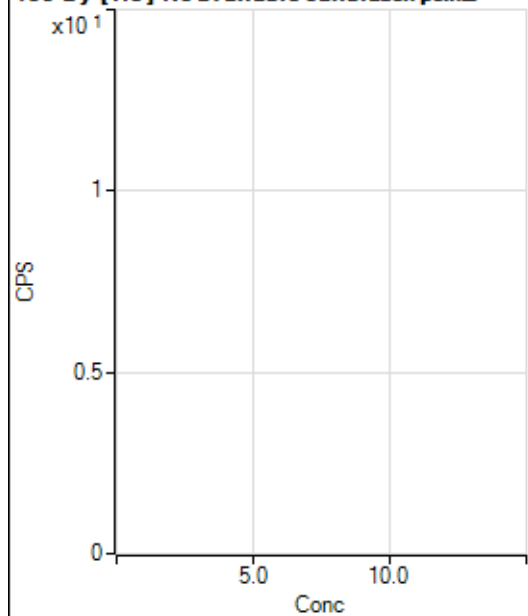
150 Nd [He] No available calibration points



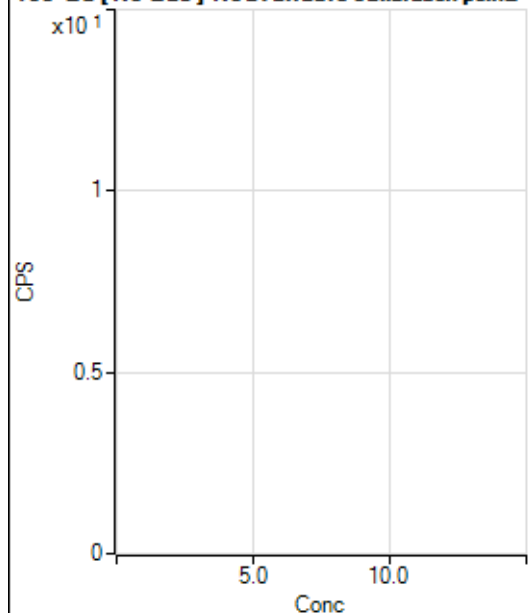
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			1.11		P	173.
3	☐			7.78		P	89.2
4	☐			12.22		P	68.7
5	☐			22.22		P	31.2
6	☐			36.67		P	18.2
7	☐			87.78		P	11.6
8	☐			45.56		P	18.4

156 Dy [No Gas] No available calibration points

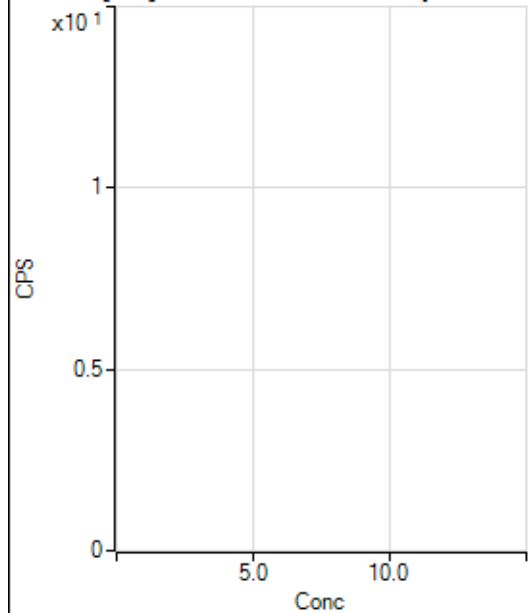
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			17.78		P	65.8
2	☐			11.11		P	96.4
3	☐			16.67		P	52.9
4	☐			27.78		P	84.3
5	☐			34.44		P	29.6
6	☐			54.45		P	12.7
7	☐			106.67		P	10.8
8	☐			173.34		P	6.9

156 Dy [He] No available calibration points

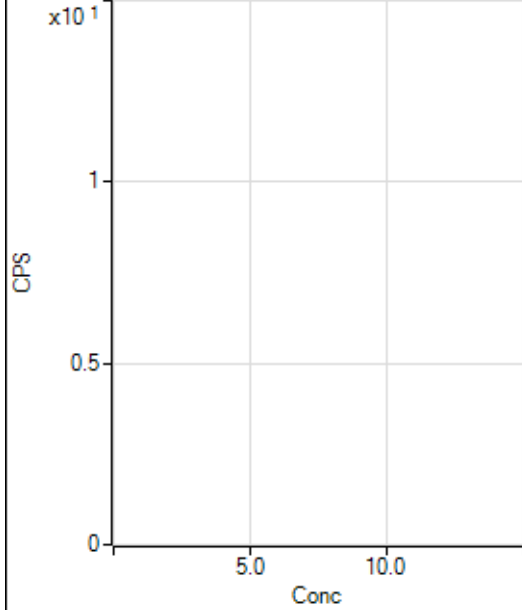
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	114.
2	☐			2.22		P	86.6
3	☐			21.11		P	36.5
4	☐			34.44		P	43.6
5	☐			65.56		P	21.2
6	☐			114.45		P	40.9
7	☐			246.67		P	17.7
8	☐			130.00		P	4.4

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

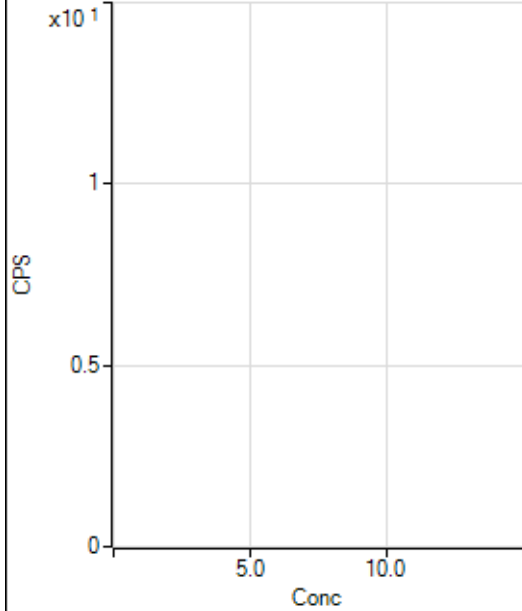
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			14.44		P	13.4
2	☐			13.33		P	86.6
3	☐			14.44		P	66.6
4	☐			20.00		P	44.1
5	☐			20.00		P	33.4
6	☐			23.33		P	14.3
7	☐			45.56		P	11.2
8	☐			141.11		P	7.2

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			107.78		P	17.0
2	☐			116.67		P	12.5
3	☐			120.00		P	22.0
4	☐			101.11		P	8.3
5	☐			116.67		P	24.9
6	☐			118.89		P	10.6
7	☐			163.34		P	18.1
8	☐			195.56		P	14.3

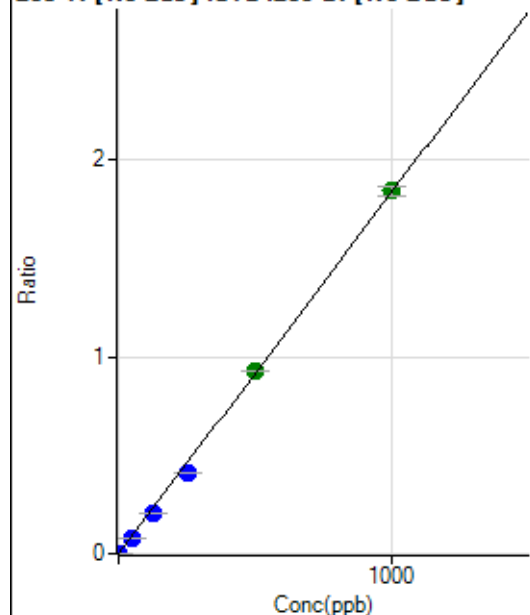
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	34.6
2	☐			8.89		P	21.6
3	☐			22.22		P	37.8
4	☐			30.00		P	22.2
5	☐			24.44		P	20.8
6	☐			30.00		P	48.4
7	☐			63.33		P	22.9
8	☐			157.78		P	24.8

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.55		P	124.
2	☐			11.11		P	17.3
3	☐			12.22		P	56.8
4	☐			14.44		P	35.3
5	☐			20.00		P	33.4
6	☐			17.78		P	60.3
7	☐			30.00		P	0.0
8	☐			148.89		P	12.3

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	7.78	0.0000	P	89.1
2	☐	1.000	0.886	3734.99	0.0016	P	2.3
3	☐	50.000	45.096	191353.16	0.0826	P	0.3
4	☐	125.000	112.792	481387.13	0.2066	P	0.8
5	☐	250.000	225.364	959546.26	0.4128	P	0.8
6	☐	500.000	506.146	2140505.47	0.9272	A	0.9
7	☐	1000.000	1004.857	4389842.30	1.8407	A	2.3
8	☐			464.46	0.0002	P	12.7

$$y = 0.0018 * x + 3.3781E-006$$

$$R = 0.9996$$

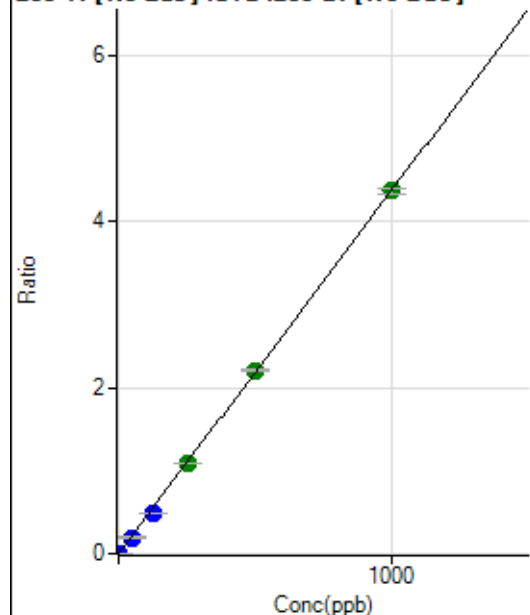
$$DL = 0.004928$$

$$BEC = 0.001844$$

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	31.11	0.0000	P	31.1
2	☐	1.000	0.882	8884.09	0.0039	P	3.8
3	☐	50.000	44.904	454664.07	0.1963	P	0.6
4	☐	125.000	112.543	1146106.99	0.4919	P	0.8
5	☐	250.000	249.251	2532338.26	1.0895	A	1.0
6	☐	500.000	505.387	5099741.42	2.2090	A	1.5
7	☐	1000.000	999.306	10417435.68	4.3679	A	1.9
8	☐			1143.44	0.0006	P	18.6

$$y = 0.0044 * x + 1.3510E-005$$

$$R = 0.9999$$

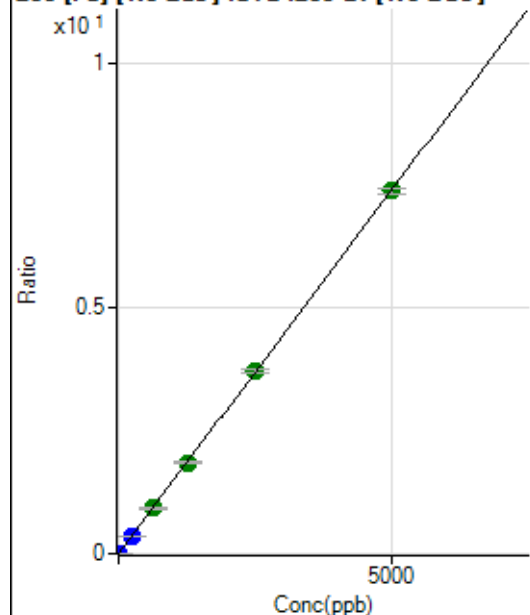
$$DL = 0.002883$$

$$BEC = 0.003091$$

Weight: <None>

Min Conc: 0

206 [Pb] [No Gas] ISTD : 209 Bi [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	92.22	0.0000	P	4.6
2	☐	1.000	0.890	3118.17	0.0014	P	2.1
3	☐	250.000	227.247	779160.68	0.3364	P	0.3
4	☐	625.000	622.874	2147936.10	0.9219	A	0.3
5	☐	1250.000	1251.830	4306510.94	1.8528	A	1.2
6	☐	2500.000	2516.097	8596777.30	3.7239	A	2.0
7	☐	5000.000	4992.897	17624968.21	7.3897	A	1.6
8	☐			3178.23	0.0015	P	11.9

$$y = 0.0015 * x + 4.0032E-005$$

$$R = 1.0000$$

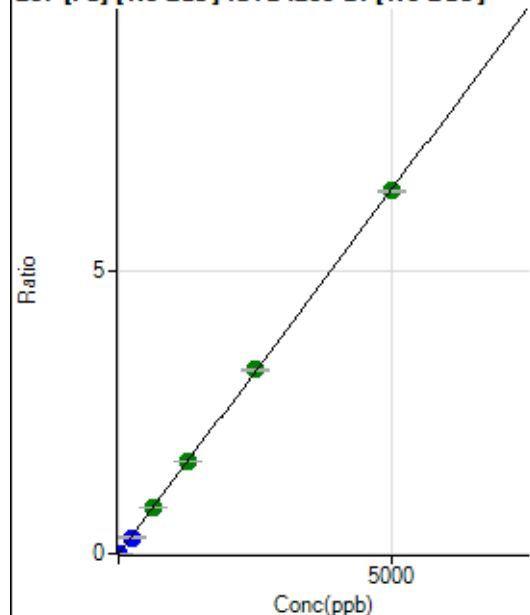
$$DL = 0.003764$$

$$BEC = 0.02705$$

Weight: <None>

Min Conc: 0

207 [Pb] [No Gas] ISTD : 209 Bi [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	94.45	0.0000	P	22.6
2	☐	1.000	0.906	2779.20	0.0012	P	4.4
3	☐	250.000	224.377	671291.26	0.2898	P	0.9
4	☐	625.000	627.170	1887153.60	0.8100	A	2.0
5	☐	1250.000	1269.041	3809552.79	1.6390	A	0.9
6	☐	2500.000	2525.522	7529696.76	3.2616	A	1.4
7	☐	5000.000	4983.488	15351119.63	6.4360	A	0.8
8	☐			2827.01	0.0014	P	5.5

$$y = 0.0013 * x + 4.1007E-005$$

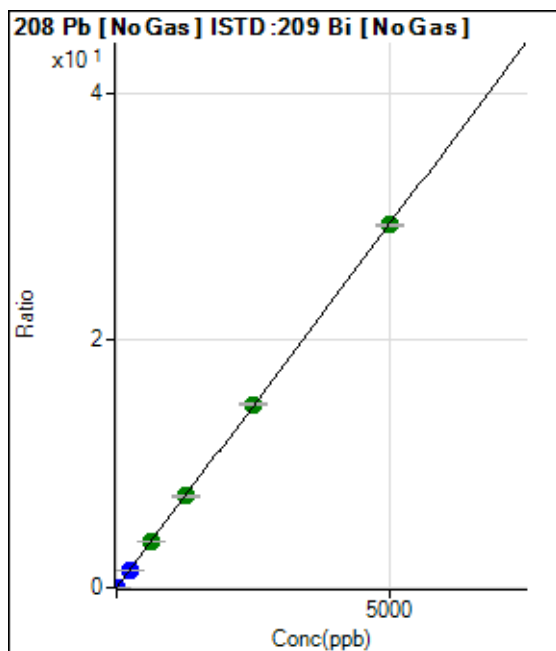
$$R = 1.0000$$

$$DL = 0.02155$$

$$BEC = 0.03175$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	395.56	0.0002	P	10.2
2	☐	1.000	0.907	12655.77	0.0055	P	0.5
3	☐	250.000	226.879	3092851.26	1.3352	P	0.7
4	☐	625.000	627.775	8607225.22	3.6943	A	0.8
5	☐	1250.000	1258.357	17211962.83	7.4050	A	0.9
6	☐	2500.000	2519.250	34224577.82	14.8248	A	1.2
7	☐	5000.000	4989.095	70027415.35	29.3587	A	0.7
8	☐			12580.39	0.0061	P	8.2

$$y = 0.0059 * x + 1.7169E-004$$

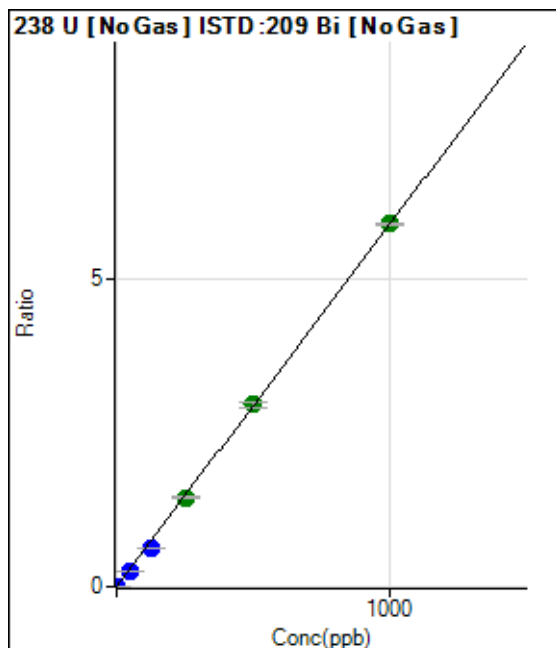
$$R = 1.0000$$

$$DL = 0.008931$$

$$BEC = 0.02918$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	5.56	0.0000	P	34.9
2	☐	1.000	0.831	11250.40	0.0049	P	1.9
3	☐	50.000	42.759	583659.93	0.2520	P	0.5
4	☐	125.000	107.873	1481071.24	0.6357	P	0.4
5	☐	250.000	246.482	3376055.02	1.4525	A	1.3
6	☐	500.000	502.857	6841336.22	2.9633	A	2.6
7	☐	1000.000	1001.954	14082997.15	5.9044	A	0.8
8	☐			727.83	0.0004	P	19.9

$$y = 0.0059 * x + 2.4131E-006$$

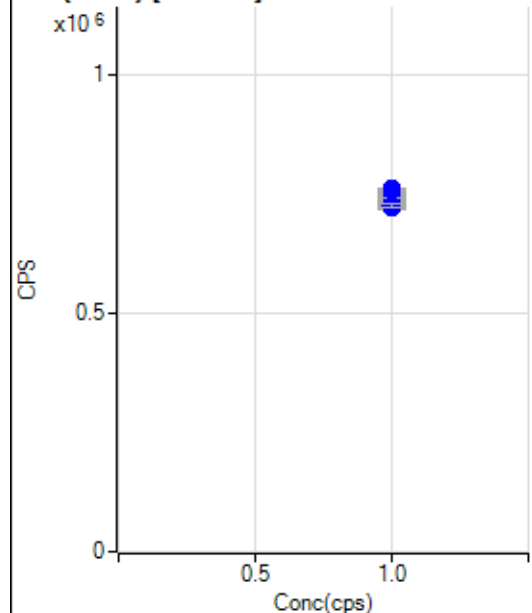
$$R = 0.9999$$

$$DL = 0.0004285$$

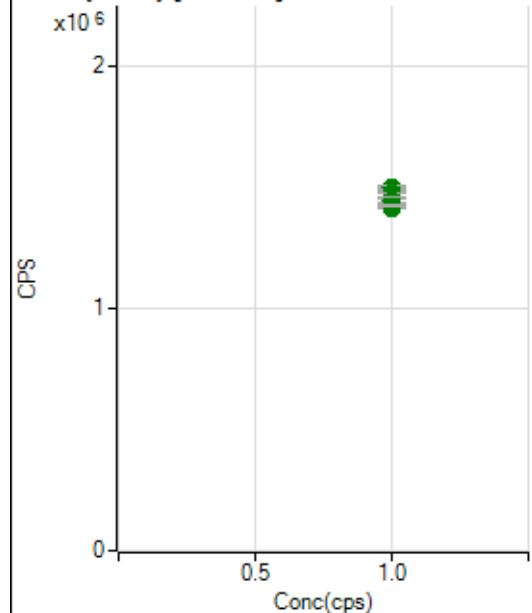
$$BEC = 0.0004095$$

Weight: <None>

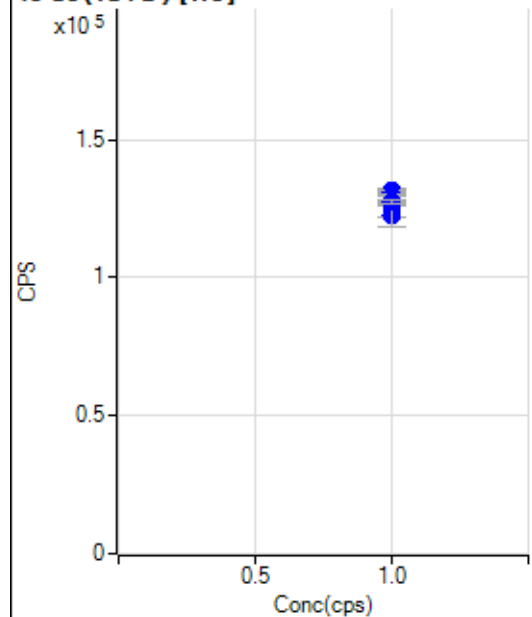
Min Conc: 0

6 Li (ISTD) [No Gas]

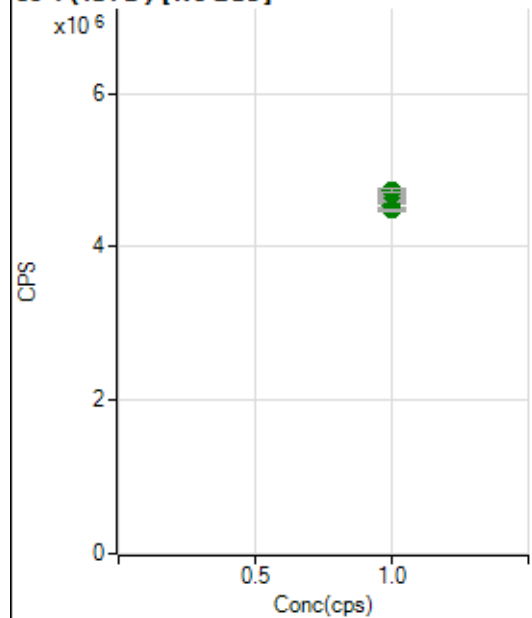
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		750434.34		P	0.5
2	☐	1.000		759616.26		P	0.3
3	☐	1.000		758146.58		P	0.1
4	☐	1.000		748500.47		P	0.6
5	☐	1.000		733110.07		P	0.6
6	☐	1.000		720868.52		P	1.2
7	☐	1.000		740469.87		P	0.4
8	☐	1.000		725341.85		P	1.2

45 Sc (ISTD) [No Gas]

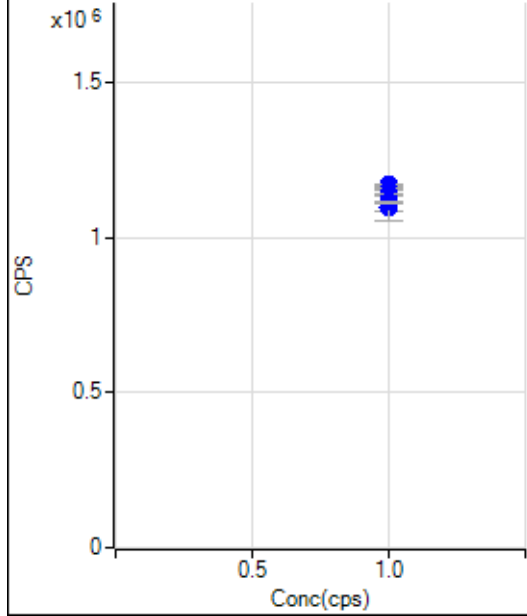
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1470388.34		A	0.1
2	☐	1.000		1493975.88		A	0.6
3	☐	1.000		1494643.03		A	1.5
4	☐	1.000		1471522.93		A	0.1
5	☐	1.000		1444663.19		A	1.0
6	☐	1.000		1411954.63		A	0.2
7	☐	1.000		1442525.41		A	2.3
8	☐	1.000		1421819.65		A	0.3

45 Sc (ISTD) [He]

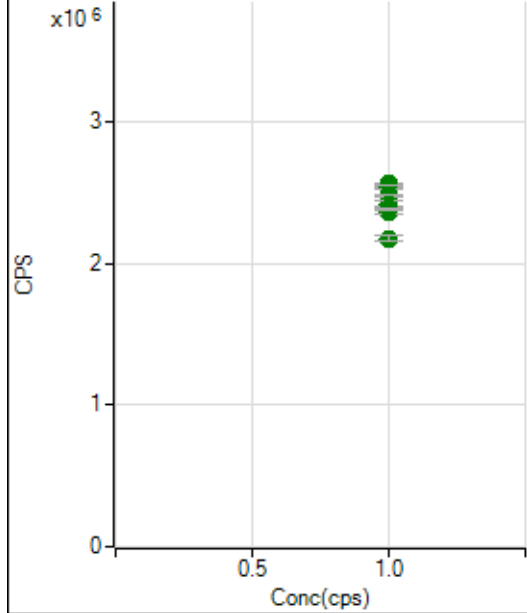
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		125813.12		P	5.6
2	☐	1.000		131447.29		P	1.0
3	☐	1.000		131035.73		P	1.1
4	☐	1.000		129633.07		P	0.5
5	☐	1.000		126672.69		P	0.9
6	☐	1.000		126376.63		P	0.3
7	☐	1.000		122356.25		P	6.7
8	☐	1.000		127653.13		P	1.3

89 Y (ISTD) [No Gas]

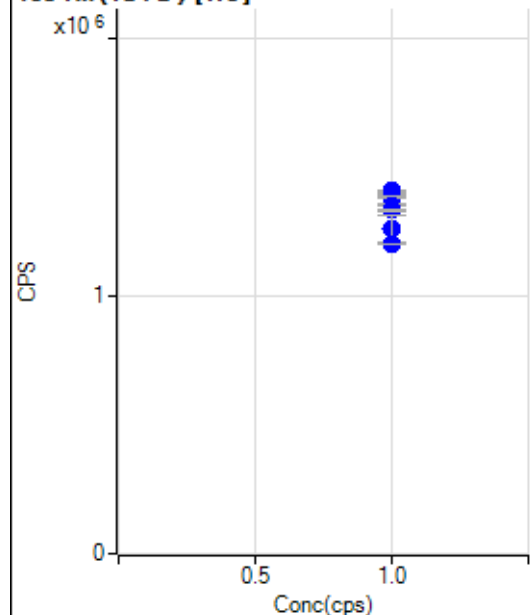
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4671245.63		A	0.4
2	☐	1.000		4718380.17		A	0.3
3	☐	1.000		4668338.47		A	0.9
4	☐	1.000		4669860.04		A	0.7
5	☐	1.000		4585643.85		A	0.7
6	☐	1.000		4546535.38		A	1.3
7	☐	1.000		4729585.03		A	0.9
8	☐	1.000		4479474.38		A	0.2

89 Y (ISTD) [He]

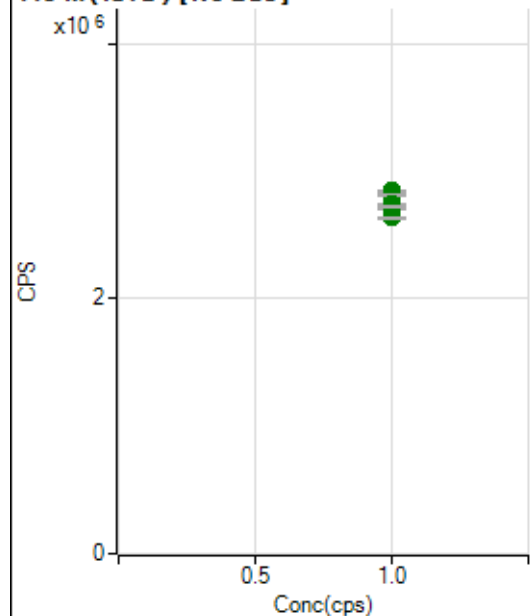
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1119533.27		P	6.0
2	☐	1.000		1163861.48		P	0.3
3	☐	1.000		1170809.35		P	0.1
4	☐	1.000		1157254.86		P	0.9
5	☐	1.000		1136381.89		P	0.6
6	☐	1.000		1142229.29		P	0.5
7	☐	1.000		1096509.66		P	7.8
8	☐	1.000		1115039.65		P	0.4

103 Rh (ISTD) [No Gas]

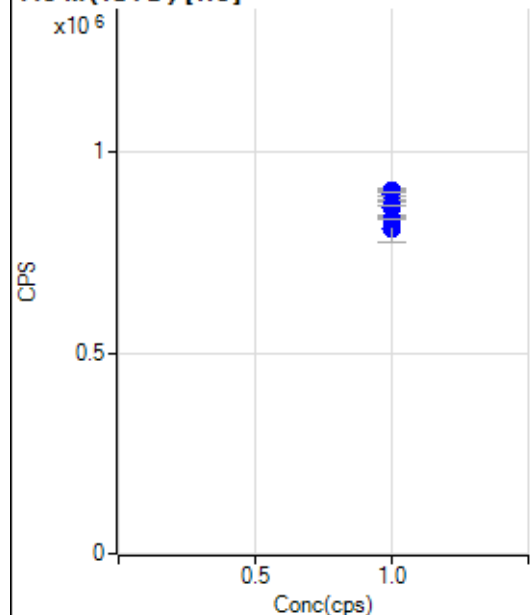
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2527877.70		A	0.6
2	☐	1.000		2559113.66		A	0.5
3	☐	1.000		2535451.32		A	1.0
4	☐	1.000		2478506.09		A	0.3
5	☐	1.000		2416934.84		A	1.6
6	☐	1.000		2360428.24		A	0.7
7	☐	1.000		2381616.75		A	0.7
8	☐	1.000		2176818.77		A	1.4

103 Rh (ISTD) [He]

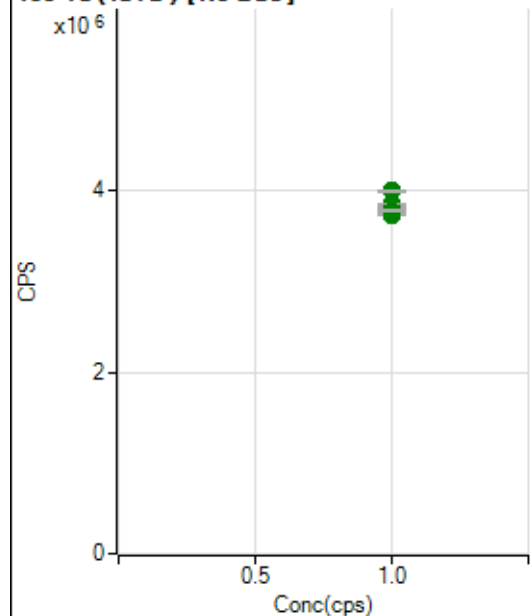
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1349949.43		P	5.6
2	☐	1.000		1409222.26		P	0.3
3	☐	1.000		1400947.69		P	0.5
4	☐	1.000		1386413.33		P	0.7
5	☐	1.000		1354501.35		P	0.5
6	☐	1.000		1334894.37		P	0.4
7	☐	1.000		1262800.10		P	7.9
8	☐	1.000		1201791.76		P	0.3

115 In (ISTD) [No Gas]

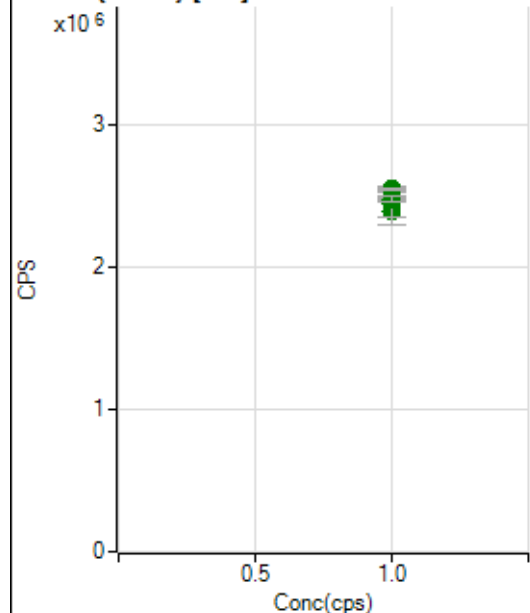
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2830407.65		A	0.8
2	☐	1.000		2845071.79		A	0.7
3	☐	1.000		2844637.28		A	0.5
4	☐	1.000		2817794.56		A	0.6
5	☐	1.000		2750969.74		A	0.1
6	☐	1.000		2704820.96		A	0.8
7	☐	1.000		2720284.72		A	0.6
8	☐	1.000		2633927.46		A	0.8

115 In (ISTD) [He]

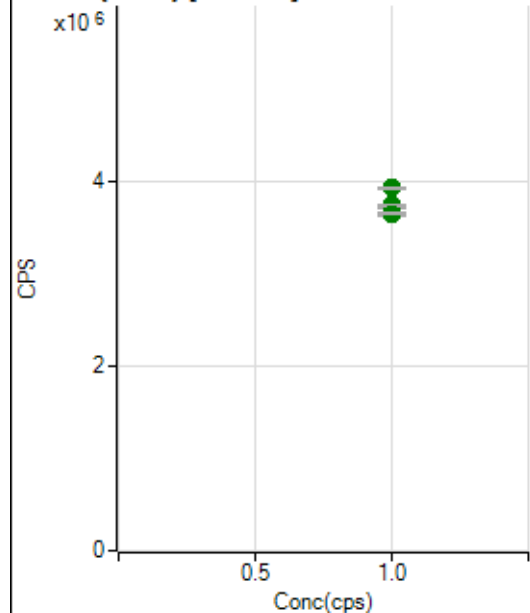
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		864491.72		P	6.1
2	☐	1.000		904132.05		P	0.9
3	☐	1.000		904085.62		P	0.6
4	☐	1.000		896438.73		P	0.8
5	☐	1.000		877633.11		P	0.7
6	☐	1.000		867276.03		P	0.3
7	☐	1.000		810212.15		P	7.9
8	☐	1.000		834723.94		P	0.2

159 Tb (ISTD) [No Gas]

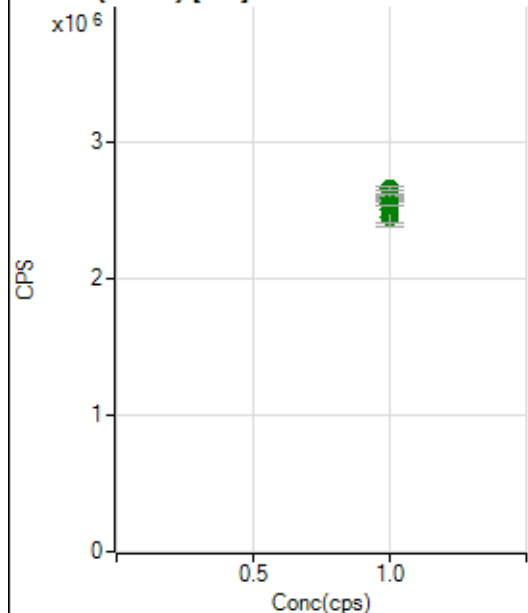
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3735959.53		A	1.0
2	☐	1.000		3776298.73		A	1.3
3	☐	1.000		3798643.31		A	0.8
4	☐	1.000		3812281.75		A	1.0
5	☐	1.000		3796628.00		A	0.9
6	☐	1.000		3856188.62		A	0.3
7	☐	1.000		3996565.50		A	0.5
8	☐	1.000		3779684.80		A	0.7

159 Tb (ISTD) [He]

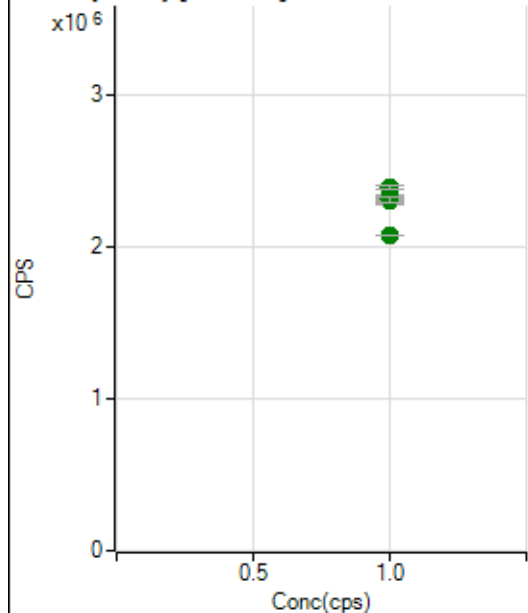
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2389415.50		A	7.1
2	☐	1.000		2497662.24		A	0.8
3	☐	1.000		2538620.59		A	1.0
4	☐	1.000		2536209.36		A	2.1
5	☐	1.000		2553517.57		A	1.9
6	☐	1.000		2548986.06		A	0.7
7	☐	1.000		2451125.87		A	7.8
8	☐	1.000		2483402.15		A	1.9

165 Ho (ISTD) [No Gas]

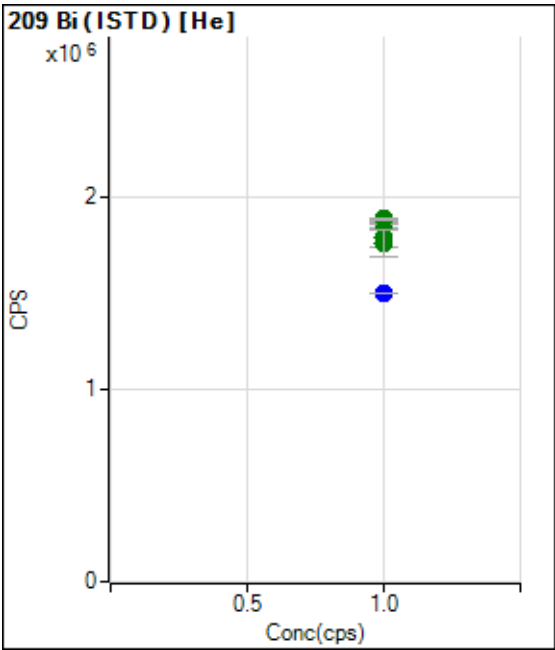
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3646090.95		A	0.4
2	☐	1.000		3668744.18		A	0.7
3	☐	1.000		3732262.10		A	0.9
4	☐	1.000		3722323.90		A	0.7
5	☐	1.000		3730679.91		A	0.4
6	☐	1.000		3751553.83		A	0.8
7	☐	1.000		3938206.05		A	0.7
8	☐	1.000		3660413.66		A	0.6

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2452224.79		A	6.3
2	☐	1.000		2544757.97		A	1.0
3	☐	1.000		2588456.74		A	1.3
4	☐	1.000		2577959.33		A	0.4
5	☐	1.000		2584057.01		A	1.3
6	☐	1.000		2654504.42		A	1.2
7	☐	1.000		2510092.95		A	8.6
8	☐	1.000		2535541.09		A	0.3

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2304045.42		A	0.5
2	☐	1.000		2296457.66		A	1.4
3	☐	1.000		2316398.44		A	0.8
4	☐	1.000		2329899.39		A	0.9
5	☐	1.000		2324430.43		A	0.5
6	☐	1.000		2308863.06		A	1.4
7	☐	1.000		2385328.85		A	1.2
8	☐	1.000		2071315.94		A	0.2



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1788054.33		A	5.4
2	☐	1.000		1867123.53		A	1.1
3	☐	1.000		1882542.49		A	1.0
4	☐	1.000		1878939.30		A	1.2
5	☐	1.000		1860586.47		A	0.3
6	☐	1.000		1886867.59		A	0.4
7	☐	1.000		1761859.59		A	8.3
8	☐	1.000		1498149.94		P	0.4

US EPA Tune Check Report

Reviewed By: Mohan
On: 10/18/2024 5:05:15 AM
Inst Id : P7
Client Sample Id : TUNE024

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\IP7101724-MS1.b
Acq. Date-Time 2024-10-17 10:45:07
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		1772	17718.54			0.908	5.000
24		59020	590197.22			1.003	5.000
25		7392	73924.68			1.101	5.000
26		8280	82798.10			1.128	5.000
59		14276	142758.39			1.040	5.000
113		1304	13035.42			1.299	5.000
115		28654	286538.59			1.231	5.000
206		6371	63705.28			1.273	5.000
207		5414	54139.68			0.893	5.000
208		13096	130963.62			0.917	5.000
220		0	1.80			50.461	

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	1789	1769	1783	1747	1771
24	59289	58934	59183	58061	59632
25	7423	7375	7429	7261	7474
26	8318	8271	8276	8139	8396
59	14356	14328	14318	14012	14364
113	1327	1304	1309	1281	1296
115	28866	28954	28854	28113	28483
206	6343	6384	6376	6263	6488
207	5449	5395	5443	5337	5446
208	13191	13042	13134	12914	13202

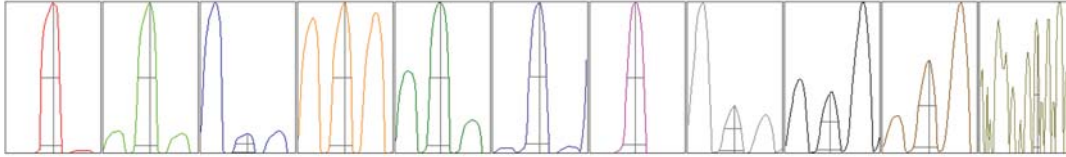
US EPA Tune Check Report

Reviewed By:Mohan
On:10/18/2024 5:05:15
AM
Inst Id :P7
ClientSampleId
:TUNE024

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	3184.06	9.05	8.90 - 9.10	
24	106241.54	24.00	23.90 - 24.10	
25	13556.51	25.00	24.90 - 25.10	
26	15093.15	26.00	25.90 - 26.10	
59	24810.23	58.95	58.90 - 59.10	
113	2491.86	113.00	112.90 - 113.10	
115	55871.52	114.95	114.90 - 115.10	
206	12551.02	206.00	205.90 - 206.10	
207	10152.45	206.95	206.90 - 207.10	
208	25199.00	208.00	207.90 - 208.10	
220	0.35	220.35	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.58	0.689	0.900	
24	0.58	0.736	0.900	
25	0.58	0.726	0.900	
26	0.59	0.735	0.900	
59	0.60	0.738	0.900	
113	0.54	0.738	0.900	
115	0.52	0.753	0.900	
206	0.53	0.773	0.900	
207	0.54	0.778	0.900	
208	0.54	0.746	0.900	
220	0.15	0.195		

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: 10/18/2024 5:05:15 AM
Inst Id : P7
ClientSampleId
TUNE024

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	7.8 V	Deflect	16.4 V
Extract 2	-110.0 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	150 V		

QP Parameters

Mass Gain	135	Axis Gain	0.9976	QP Bias	-3.0 V
Mass Offset	131	Axis Offset	0.11		

Hardware Settings

Torch

Torch H	-0.5 mm	Torch V	0.6 mm
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EM

Discriminator	4.8 mV	Analog HV	2399 V	Pulse HV	1788 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		4786	47858.55			0.571	
89		46649	466488.42			0.859	
205		16475	164746.39			1.255	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	4834	4766	4775	4778	4775
89	47313	46393	46292	46567	46679
205	16806	16451	16265	16349	16502

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	8.0 V	Deflect	3.2 V
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US EPA Tune Check Report

Reviewed By:Mohan
On:10/18/2024 5:05:15
AM
Inst Id :P7
ClientSampleId
TUNE024

Extract 2	-95.0 V	Cell Entrance	-40 V	Plate Bias	-60 V
Omega Bias	-60 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	135	Axis Gain	0.9976	QP Bias	-13.0 V
Mass Offset	131	Axis Offset	0.11		
Hardware Settings					
Torch					
Torch H	-0.5 mm	Torch V	0.6 mm		
EM					
Discriminator	4.8 mV	Analog HV	2399 V	Pulse HV	1788 V

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

S00

Instrumnet Name :

P7

Client Sample ID :

S0

Dilution Factor :

1

Date & Time Acquired :

2024-10-17 16:19:52

DataFile Name :

004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.12	0.09	0.03	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	-0.06	0.08	-0.02	0.00	N/A	ppb
Cadmium	106-1	0.29	0.09	-0.38	0.00	N/A	ppb
Cadmium	111-1	0.02	0.00	-0.03	0.00	N/A	ppb
Calcium	43-1	-1.37	-2.67	4.05	0.00	N/A	ppb
Calcium	44-1	0.86	-0.88	0.02	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	-0.01	0.02	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.00	-0.01	0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	0.04	-0.01	-0.03	0.00	N/A	ppb
Iron	57-2	0.42	0.03	-0.45	0.00	N/A	ppb
Iron	54-2	1.19	-1.48	0.30	0.00	N/A	ppb
Krypton	83-1						cps

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

S00

Instrumnet Name :

P7

Client Sample ID :

S0

Dilution Factor :

1

Date & Time Acquired :

2024-10-17 16:19:52

DataFile Name :

004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	207-1	0.00	0.00	-0.01	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.43	-0.48	0.05	0.00	N/A	ppb
Manganese	55-2	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	94-1	-0.01	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	0.01	0.00	-0.01	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.00	0.01	0.00	N/A	ppb
Phosphorus	31-2	-14.74	-14.53	-14.42	-14.56		ppb
Potassium	39-2	14.09	-3.10	-10.99	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	-0.45	0.19	0.26	0.00	N/A	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.52	-0.55	-0.98	0.00	N/A	ppb
Silicon	28-1	0.19	0.30	-0.49	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	1.38	-0.18	-1.20	0.00	N/A	ppb
Strontium	86-1	0.00	-0.01	0.01	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	78.28	144.91	45.09	89.43	56.84	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	0.03	-0.02	-0.01	0.00	N/A	ppb
Titanium	47-1	0.01	0.01	-0.02	0.00	N/A	ppb

LB Number :LB132992

Operator :Jaswal

Lab Sample ID :S00

Instrumnet Name :P7

Client Sample ID :S0

Dilution Factor :1

Date & Time Acquired :2024-10-17 16:19:52

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	0.12	-0.08	-0.04	0.00	N/A	ppb
Zirconium	90-1	0.01	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	0.00	0.00	0.01	0.00	N/A	ppb

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

S02

Instrumnet Name :

P7

Client Sample ID :

S02

Dilution Factor :

1

Date & Time Acquired :

2024-10-17 16:23:14

DataFile Name :

005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.98	19.73	21.10	20.60	3.68	ppb
Antimony	121-1	2.11	2.06	2.04	2.07	1.70	ppb
Arsenic	75-2	1.01	0.90	1.34	1.08	20.90	ppb
Barium	135-1	9.52	9.70	9.66	9.63	0.98	ppb
Barium	137-1	9.47	9.66	10.01	9.71	2.83	ppb
Beryllium	9-1	1.05	1.16	1.13	1.11	5.21	ppb
Bismuth	209-1				100		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.39	1.23	1.60	1.41	13.10	ppb
Cadmium	106-1	1.37	2.14	0.07	1.20	87.43	ppb
Cadmium	111-1	1.20	1.31	0.96	1.16	15.46	ppb
Calcium	43-1	539.77	548.38	538.85	542.33	0.97	ppb
Calcium	44-1	534.85	552.11	553.47	546.81	1.90	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.97	2.07	2.05	2.03	2.63	ppb
Cobalt	59-2	1.03	1.02	1.09	1.04	3.65	ppb
Copper	63-2	1.92	2.00	1.91	1.94	2.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				104		%
Indium	115-1				101		%
Indium	115-2				105		%
Iron	56-2	57.13	56.20	57.28	56.87	1.03	ppb
Iron	57-2	57.00	56.99	55.96	56.65	1.06	ppb
Iron	54-2	59.85	57.87	59.80	59.17	1.90	ppb
Krypton	83-1						cps

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

S02

Instrumnet Name :

P7

Client Sample ID :

S02

Dilution Factor :

1

Date & Time Acquired :

2024-10-17 16:23:14

DataFile Name :

005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.91	0.88	0.88	0.89	2.15	ppb
Lead	207-1	0.89	0.88	0.95	0.91	4.54	ppb
Lead	208-1	0.91	0.90	0.91	0.91	0.51	ppb
Lithium	6-1				101		%
Magnesium	24-2	535.18	528.23	544.68	536.03	1.54	ppb
Manganese	55-2	0.99	1.02	0.93	0.98	4.74	ppb
Molybdenum	94-1	5.97	5.94	6.16	6.02	1.97	ppb
Molybdenum	95-1	5.17	4.92	4.94	5.01	2.74	ppb
Molybdenum	96-1	4.98	5.34	5.11	5.14	3.54	ppb
Molybdenum	97-1	4.99	5.12	5.22	5.11	2.25	ppb
Molybdenum	98-1	5.13	5.06	5.11	5.10	0.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.03	0.97	1.05	1.02	4.16	ppb
Phosphorus	31-2	13.25	13.59	16.84	14.56	13.61	ppb
Potassium	39-2	537.43	527.79	551.83	539.01	2.24	ppb
Rhodium	103-1				101		%
Rhodium	103-2				104		%
Scandium	45-1				102		%
Scandium	45-2				104		%
Selenium	82-1	5.58	4.92	5.68	5.39	7.69	ppb
Selenium	77-2	6.05	9.63	6.66	7.45	25.76	ppb
Selenium	78-2	3.55	7.28	6.98	5.94	34.89	ppb
Silicon	28-1	2.74	3.47	4.15	3.46	20.40	ppb
Silver	107-1	0.99	1.00	1.01	1.00	0.79	ppb
Silver	109-1	1.07	1.07	1.04	1.06	1.45	ppb
Sodium	23-2	527.70	527.27	537.85	530.94	1.13	ppb
Strontium	86-1	1.02	1.03	1.11	1.05	4.49	ppb
Strontium	88-1	1.03	1.04	1.03	1.03	0.28	ppb
Sulfur	34-1	-217.41	10.77	-61.65	-89.43		ppb
Terbium	159-1				101		%
Terbium	159-2				105		%
Thallium	203-1	0.88	0.87	0.91	0.89	2.35	ppb
Thallium	205-1	0.85	0.89	0.91	0.88	3.84	ppb
Tin	118-1	5.09	4.90	5.04	5.01	2.01	ppb
Titanium	47-1	5.68	4.96	5.15	5.26	7.05	ppb

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

S02

Instrumnet Name :

P7

Client Sample ID :

S02

Dilution Factor :

1

Date & Time Acquired :

2024-10-17 16:23:14

DataFile Name :

005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.81	0.84	0.84	0.83	1.86	ppb
Vanadium	51-2	4.89	4.95	4.97	4.94	0.85	ppb
Yttrium	89-1				101		%
Yttrium	89-2				104		%
Zinc	66-2	4.85	5.32	5.39	5.19	5.70	ppb
Zirconium	90-1	0.98	0.99	0.97	0.98	1.05	ppb
Zirconium	91-1	0.93	1.10	1.11	1.04	9.77	ppb

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

S03

Instrumnet Name :

P7

Client Sample ID :

S03

Dilution Factor :

1

Date & Time Acquired :

2024-10-17 16:26:38

DataFile Name :

006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1075.28	1058.09	1059.94	1064.44	0.89	ppb
Antimony	121-1	50.67	51.67	51.04	51.13	0.99	ppb
Arsenic	75-2	48.48	48.68	48.67	48.61	0.23	ppb
Barium	135-1	249.90	254.53	256.36	253.60	1.31	ppb
Barium	137-1	248.27	253.24	253.72	251.74	1.20	ppb
Beryllium	9-1	51.68	52.95	53.61	52.75	1.86	ppb
Bismuth	209-1				101		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	51.51	53.61	53.68	52.93	2.33	ppb
Cadmium	106-1	52.72	54.26	52.18	53.05	2.04	ppb
Cadmium	111-1	53.47	55.11	55.22	54.60	1.79	ppb
Calcium	43-1	5830.49	5876.97	5976.71	5894.73	1.27	ppb
Calcium	44-1	5678.71	5706.97	5829.60	5738.43	1.40	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	51.39	51.17	50.69	51.08	0.71	ppb
Cobalt	59-2	51.62	50.59	50.83	51.01	1.05	ppb
Copper	63-2	524.39	512.58	511.87	516.28	1.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				106		%
Indium	115-1				101		%
Indium	115-2				105		%
Iron	56-2	2733.23	2686.06	2663.23	2694.17	1.33	ppb
Iron	57-2	2865.20	2841.84	2882.52	2863.18	0.71	ppb
Iron	54-2	2981.17	2895.67	2909.85	2928.90	1.56	ppb
Krypton	83-1						cps

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

S03

Instrumnet Name :

P7

Client Sample ID :

S03

Dilution Factor :

1

Date & Time Acquired :

2024-10-17 16:26:38

DataFile Name :

006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	227.78	227.53	226.42	227.25	0.32	ppb
Lead	207-1	226.53	224.21	222.38	224.38	0.93	ppb
Lead	208-1	228.46	226.80	225.38	226.88	0.68	ppb
Lithium	6-1				101		%
Magnesium	24-2	5155.43	5055.01	5048.61	5086.35	1.18	ppb
Manganese	55-2	514.97	501.56	505.72	507.42	1.35	ppb
Molybdenum	94-1	562.77	568.10	576.32	569.06	1.20	ppb
Molybdenum	95-1	560.05	567.41	574.01	567.16	1.23	ppb
Molybdenum	96-1	561.56	564.40	571.36	565.77	0.89	ppb
Molybdenum	97-1	568.03	573.47	579.68	573.73	1.02	ppb
Molybdenum	98-1	557.64	560.30	575.99	564.64	1.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	54.20	51.53	51.85	52.53	2.78	ppb
Phosphorus	31-2	971.05	971.04	954.52	965.54	0.99	ppb
Potassium	39-2	2816.76	2760.82	2765.59	2781.06	1.12	ppb
Rhodium	103-1				100		%
Rhodium	103-2				104		%
Scandium	45-1				102		%
Scandium	45-2				104		%
Selenium	82-1	52.56	53.63	54.67	53.62	1.97	ppb
Selenium	77-2	52.28	49.84	46.21	49.45	6.17	ppb
Selenium	78-2	48.64	50.93	52.87	50.81	4.17	ppb
Silicon	28-1	48.31	51.55	54.38	51.41	5.91	ppb
Silver	107-1	54.06	55.20	54.59	54.62	1.05	ppb
Silver	109-1	53.49	54.81	54.97	54.42	1.50	ppb
Sodium	23-2	5206.77	5128.58	5120.42	5151.92	0.93	ppb
Strontium	86-1	1283.71	1299.71	1329.56	1304.33	1.78	ppb
Strontium	88-1	1268.10	1283.09	1307.09	1286.09	1.53	ppb
Sulfur	34-1	601.63	549.39	798.12	649.71	20.19	ppb
Terbium	159-1				102		%
Terbium	159-2				106		%
Thallium	203-1	45.19	45.18	44.92	45.10	0.34	ppb
Thallium	205-1	45.21	44.72	44.78	44.90	0.59	ppb
Tin	118-1	50.82	52.46	51.95	51.74	1.62	ppb
Titanium	47-1	573.25	577.73	593.94	581.64	1.87	ppb

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

S03

Instrumnet Name :

P7

Client Sample ID :

S03

Dilution Factor :

1

Date & Time Acquired :

2024-10-17 16:26:38

DataFile Name :

006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	42.96	42.80	42.52	42.76	0.52	ppb
Vanadium	51-2	50.08	48.24	47.99	48.77	2.35	ppb
Yttrium	89-1				100		%
Yttrium	89-2				105		%
Zinc	66-2	517.25	495.99	501.00	504.75	2.20	ppb
Zirconium	90-1	50.81	51.76	52.05	51.54	1.26	ppb
Zirconium	91-1	50.79	51.48	52.75	51.68	1.93	ppb

LB Number : LB132992 Operator : Jaswal
Lab Sample ID : S04 Instrumnet Name : P7
Client Sample ID : S04 Dilution Factor : 1
Date & Time Acquired : 2024-10-17 16:29:55 DataFile Name : 007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2584.85	2587.70	2613.63	2595.39	0.61	ppb
Antimony	121-1	127.74	126.85	125.99	126.86	0.69	ppb
Arsenic	75-2	122.15	122.50	122.37	122.34	0.14	ppb
Barium	135-1	632.41	621.93	622.88	625.74	0.93	ppb
Barium	137-1	627.19	622.13	619.93	623.08	0.60	ppb
Beryllium	9-1	130.75	132.24	130.18	131.06	0.81	ppb
Bismuth	209-1				101		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	140.86	131.44	133.07	135.12	3.73	ppb
Cadmium	106-1	135.09	136.37	132.81	134.76	1.34	ppb
Cadmium	111-1	135.39	134.25	134.87	134.84	0.42	ppb
Calcium	43-1	14625.00	14526.06	14603.39	14584.82	0.36	ppb
Calcium	44-1	13272.68	13051.82	13321.80	13215.43	1.09	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	126.51	125.72	125.96	126.07	0.32	ppb
Cobalt	59-2	125.11	124.45	126.27	125.28	0.74	ppb
Copper	63-2	1267.01	1280.45	1275.01	1274.15	0.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				105		%
Indium	115-1				100		%
Indium	115-2				104		%
Iron	56-2	6776.01	6671.38	6741.34	6729.58	0.79	ppb
Iron	57-2	7096.35	7085.72	7152.50	7111.52	0.50	ppb
Iron	54-2	7224.56	7199.30	7240.13	7221.33	0.29	ppb
Krypton	83-1						cps

LB Number :LB132992Operator :Jaswal

Lab Sample ID :S04Instrumnet Name :P7

Client Sample ID :S04Dilution Factor :1

Date & Time Acquired :2024-10-17 16:29:55DataFile Name :007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	624.65	623.30	620.67	622.87	0.33	ppb
Lead	207-1	632.55	635.85	613.11	627.17	1.96	ppb
Lead	208-1	630.73	630.28	622.32	627.77	0.75	ppb
Lithium	6-1				100		%
Magnesium	24-2	11967.01	12063.04	12207.84	12079.30	1.00	ppb
Manganese	55-2	1208.22	1210.26	1225.20	1214.56	0.76	ppb
Molybdenum	94-1	1391.70	1422.16	1414.31	1409.39	1.12	ppb
Molybdenum	95-1	1396.66	1436.91	1420.76	1418.11	1.43	ppb
Molybdenum	96-1	1381.70	1402.08	1405.18	1396.32	0.91	ppb
Molybdenum	97-1	1370.96	1422.42	1428.92	1407.44	2.26	ppb
Molybdenum	98-1	1367.85	1404.05	1414.76	1395.55	1.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	125.14	127.79	125.66	126.20	1.11	ppb
Phosphorus	31-2	2440.33	2429.16	2458.05	2442.51	0.60	ppb
Potassium	39-2	6889.48	6937.53	6963.09	6930.04	0.54	ppb
Rhodium	103-1				98		%
Rhodium	103-2				103		%
Scandium	45-1				100		%
Scandium	45-2				103		%
Selenium	82-1	129.98	134.39	129.84	131.40	1.97	ppb
Selenium	77-2	128.13	126.84	124.13	126.37	1.61	ppb
Selenium	78-2	120.26	126.52	130.35	125.71	4.05	ppb
Silicon	28-1	128.92	129.72	133.66	130.77	1.94	ppb
Silver	107-1	134.42	134.20	133.28	133.96	0.45	ppb
Silver	109-1	135.14	133.05	133.55	133.91	0.81	ppb
Sodium	23-2	12506.05	12863.12	12963.40	12777.52	1.88	ppb
Strontium	86-1	3109.83	3187.46	3229.53	3175.60	1.91	ppb
Strontium	88-1	3140.98	3204.72	3177.76	3174.49	1.01	ppb
Sulfur	34-1	2307.10	2287.72	2340.42	2311.74	1.15	ppb
Terbium	159-1				102		%
Terbium	159-2				106		%
Thallium	203-1	112.77	111.93	113.67	112.79	0.77	ppb
Thallium	205-1	113.56	111.93	112.14	112.54	0.79	ppb
Tin	118-1	129.19	127.85	127.72	128.25	0.64	ppb
Titanium	47-1	1439.38	1436.46	1456.60	1444.15	0.75	ppb

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

S04

Instrumnet Name :

P7

Client Sample ID :

S04

Dilution Factor :

1

Date & Time Acquired :

2024-10-17 16:29:55

DataFile Name :

007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	107.93	107.41	108.28	107.87	0.40	ppb
Vanadium	51-2	121.39	122.09	122.43	121.97	0.44	ppb
Yttrium	89-1				100		%
Yttrium	89-2				103		%
Zinc	66-2	1250.96	1258.31	1253.36	1254.21	0.30	ppb
Zirconium	90-1	126.57	129.63	128.58	128.26	1.21	ppb
Zirconium	91-1	127.04	129.41	129.36	128.60	1.05	ppb

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

S05

Instrumnet Name :

P7

Client Sample ID :

S05

Dilution Factor :

1

Date & Time Acquired :

2024-10-17 16:33:04

DataFile Name :

008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5198.71	5243.61	5194.61	5212.31	0.52	ppb
Antimony	121-1	253.86	257.12	251.68	254.22	1.08	ppb
Arsenic	75-2	240.37	246.49	245.61	244.15	1.36	ppb
Barium	135-1	1244.25	1248.32	1231.00	1241.19	0.73	ppb
Barium	137-1	1304.41	1300.45	1286.85	1297.24	0.71	ppb
Beryllium	9-1	257.71	263.02	261.67	260.80	1.06	ppb
Bismuth	209-1				101		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	263.10	268.90	265.06	265.68	1.11	ppb
Cadmium	106-1	265.34	265.95	264.66	265.32	0.24	ppb
Cadmium	111-1	268.80	269.50	262.52	266.94	1.44	ppb
Calcium	43-1	28733.66	28808.50	29256.05	28932.74	0.98	ppb
Calcium	44-1	26262.24	26256.01	26726.86	26415.03	1.02	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	248.79	253.39	249.63	250.61	0.98	ppb
Cobalt	59-2	247.00	252.17	247.42	248.86	1.15	ppb
Copper	63-2	2479.53	2556.15	2508.87	2514.85	1.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				105		%
Indium	115-1				97		%
Indium	115-2				102		%
Iron	56-2	13292.66	13474.89	13239.29	13335.62	0.93	ppb
Iron	57-2	14026.82	14388.30	14107.95	14174.36	1.34	ppb
Iron	54-2	14352.01	14561.07	14293.90	14402.33	0.98	ppb
Krypton	83-1						cps

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

S05

Instrumnet Name :

P7

Client Sample ID :

S05

Dilution Factor :

1

Date & Time Acquired :

2024-10-17 16:33:04

DataFile Name :

008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1245.24	1241.50	1268.74	1251.83	1.18	ppb
Lead	207-1	1256.12	1275.23	1275.78	1269.04	0.88	ppb
Lead	208-1	1245.60	1261.70	1267.77	1258.36	0.91	ppb
Lithium	6-1				98		%
Magnesium	24-2	24053.03	24238.54	24013.34	24101.64	0.50	ppb
Manganese	55-2	2454.37	2457.36	2413.69	2441.81	1.00	ppb
Molybdenum	94-1	2802.93	2882.78	2812.37	2832.69	1.54	ppb
Molybdenum	95-1	2773.59	2854.36	2769.05	2799.00	1.71	ppb
Molybdenum	96-1	2753.19	2790.23	2782.34	2775.25	0.70	ppb
Molybdenum	97-1	2796.58	2814.82	2841.57	2817.65	0.80	ppb
Molybdenum	98-1	2788.10	2836.00	2803.13	2809.08	0.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	251.40	253.05	250.71	251.72	0.48	ppb
Phosphorus	31-2	4970.15	4788.68	4883.67	4880.83	1.86	ppb
Potassium	39-2	12656.83	13040.30	12601.26	12766.13	1.87	ppb
Rhodium	103-1				96		%
Rhodium	103-2				100		%
Scandium	45-1				98		%
Scandium	45-2				101		%
Selenium	82-1	257.15	268.04	262.60	262.60	2.07	ppb
Selenium	77-2	239.04	239.45	221.24	233.24	4.46	ppb
Selenium	78-2	240.23	243.11	248.57	243.97	1.74	ppb
Silicon	28-1	253.92	260.03	265.72	259.89	2.27	ppb
Silver	107-1	264.16	266.74	260.78	263.89	1.13	ppb
Silver	109-1	262.89	266.02	261.31	263.41	0.91	ppb
Sodium	23-2	25706.32	25936.04	25886.16	25842.84	0.47	ppb
Strontium	86-1	6255.83	6482.86	6405.74	6381.48	1.81	ppb
Strontium	88-1	6346.10	6456.78	6383.03	6395.30	0.88	ppb
Sulfur	34-1	4911.74	4868.98	5146.98	4975.90	3.01	ppb
Terbium	159-1				102		%
Terbium	159-2				107		%
Thallium	203-1	223.38	225.83	226.88	225.36	0.80	ppb
Thallium	205-1	246.35	249.98	251.43	249.25	1.05	ppb
Tin	118-1	253.48	254.18	251.15	252.94	0.63	ppb
Titanium	47-1	2746.00	2806.98	2853.71	2802.23	1.93	ppb

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

S05

Instrumnet Name :

P7

Client Sample ID :

S05

Dilution Factor :

1

Date & Time Acquired :

2024-10-17 16:33:04

DataFile Name :

008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	243.25	246.37	249.83	246.48	1.33	ppb
Vanadium	51-2	239.41	242.90	241.83	241.38	0.74	ppb
Yttrium	89-1				98		%
Yttrium	89-2				102		%
Zinc	66-2	2495.03	2524.69	2497.59	2505.77	0.66	ppb
Zirconium	90-1	252.85	260.56	252.85	255.42	1.74	ppb
Zirconium	91-1	254.21	261.39	259.09	258.23	1.42	ppb

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

S06

Instrumnet Name :

P7

Client Sample ID :

S06

Dilution Factor :

1

Date & Time Acquired :

2024-10-17 16:36:06

DataFile Name :

009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10309.29	10221.49	10081.55	10204.11	1.13	ppb
Antimony	121-1	507.82	502.08	509.41	506.43	0.76	ppb
Arsenic	75-2	485.66	473.71	479.29	479.55	1.25	ppb
Barium	135-1	2515.30	2546.82	2519.56	2527.23	0.68	ppb
Barium	137-1	2499.22	2551.34	2503.56	2518.04	1.15	ppb
Beryllium	9-1	505.65	520.46	514.93	513.68	1.46	ppb
Bismuth	209-1				100		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	513.72	512.07	511.04	512.27	0.26	ppb
Cadmium	106-1	506.81	519.36	515.37	513.85	1.25	ppb
Cadmium	111-1	511.34	513.42	512.62	512.46	0.21	ppb
Calcium	43-1	57463.49	58100.44	57638.35	57734.09	0.57	ppb
Calcium	44-1	52348.11	53012.62	53195.75	52852.16	0.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	494.19	489.53	488.92	490.88	0.59	ppb
Cobalt	59-2	486.39	485.78	484.47	485.55	0.20	ppb
Copper	63-2	4889.59	4903.08	4786.01	4859.56	1.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				108		%
Indium	115-1				96		%
Indium	115-2				100		%
Iron	56-2	26475.91	26292.77	26365.62	26378.10	0.35	ppb
Iron	57-2	28137.23	27786.80	27640.87	27854.96	0.92	ppb
Iron	54-2	27132.08	26523.58	26773.08	26809.58	1.14	ppb
Krypton	83-1						cps

LB Number :LB132992Operator :Jaswal

Lab Sample ID :S06Instrumnet Name :P7

Client Sample ID :S06Dilution Factor :1

Date & Time Acquired :2024-10-17 16:36:06DataFile Name :009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2489.20	2572.77	2486.33	2516.10	1.95	ppb
Lead	207-1	2531.58	2557.86	2487.13	2525.52	1.42	ppb
Lead	208-1	2510.45	2554.20	2493.10	2519.25	1.25	ppb
Lithium	6-1				96		%
Magnesium	24-2	47978.46	47113.12	46716.53	47269.37	1.37	ppb
Manganese	55-2	4792.03	4841.39	4807.50	4813.64	0.52	ppb
Molybdenum	94-1	5524.16	5678.98	5509.72	5570.95	1.68	ppb
Molybdenum	95-1	5613.22	5626.79	5524.01	5588.00	1.00	ppb
Molybdenum	96-1	5550.14	5723.36	5516.20	5596.56	1.99	ppb
Molybdenum	97-1	5528.64	5710.32	5527.55	5588.84	1.88	ppb
Molybdenum	98-1	5506.57	5692.30	5566.07	5588.31	1.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	486.84	489.64	485.82	487.43	0.40	ppb
Phosphorus	31-2	9600.46	9558.93	9660.36	9606.59	0.53	ppb
Potassium	39-2	25367.05	25328.61	25066.21	25253.96	0.65	ppb
Rhodium	103-1				93		%
Rhodium	103-2				99		%
Scandium	45-1				96		%
Scandium	45-2				100		%
Selenium	82-1	524.37	522.30	509.69	518.79	1.53	ppb
Selenium	77-2	482.76	490.12	473.18	482.02	1.76	ppb
Selenium	78-2	474.93	498.11	496.26	489.77	2.63	ppb
Silicon	28-1	511.00	520.66	518.65	516.77	0.99	ppb
Silver	107-1	517.20	516.72	510.95	514.95	0.68	ppb
Silver	109-1	514.06	523.31	510.66	516.01	1.27	ppb
Sodium	23-2	50995.80	51207.33	49921.68	50708.27	1.36	ppb
Strontium	86-1	12606.99	12783.17	12634.33	12674.83	0.75	ppb
Strontium	88-1	12684.78	12869.83	12640.25	12731.62	0.96	ppb
Sulfur	34-1	10106.42	10124.35	10054.08	10094.95	0.36	ppb
Terbium	159-1				103		%
Terbium	159-2				107		%
Thallium	203-1	504.01	511.36	503.07	506.15	0.90	ppb
Thallium	205-1	501.69	514.14	500.33	505.39	1.51	ppb
Tin	118-1	514.65	507.31	508.26	510.08	0.78	ppb
Titanium	47-1	5555.53	5499.67	5504.13	5519.77	0.56	ppb

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

S06

Instrumnet Name :

P7

Client Sample ID :

S06

Dilution Factor :

1

Date & Time Acquired :

2024-10-17 16:36:06

DataFile Name :

009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	488.93	514.49	505.15	502.86	2.57	ppb
Vanadium	51-2	482.78	475.74	472.57	477.03	1.10	ppb
Yttrium	89-1				97		%
Yttrium	89-2				102		%
Zinc	66-2	4888.53	4874.56	4863.40	4875.50	0.26	ppb
Zirconium	90-1	507.14	514.55	507.52	509.74	0.82	ppb
Zirconium	91-1	511.00	525.19	510.03	515.41	1.65	ppb

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

S07

Instrumnet Name :

P7

Client Sample ID :

S07

Dilution Factor :

1

Date & Time Acquired :

2024-10-17 16:41:54

DataFile Name :

011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19465.69	22181.42	21603.23	21083.44	6.79	ppb
Antimony	121-1	984.76	998.77	1002.78	995.44	0.95	ppb
Arsenic	75-2	934.24	1088.91	1013.11	1012.09	7.64	ppb
Barium	135-1	4968.74	4965.72	5030.49	4988.32	0.73	ppb
Barium	137-1	4929.85	4996.98	5011.14	4979.32	0.87	ppb
Beryllium	9-1	982.71	985.65	1000.34	989.57	0.95	ppb
Bismuth	209-1				104		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	991.27	988.06	986.26	988.53	0.26	ppb
Cadmium	106-1	977.75	996.62	989.25	987.87	0.96	ppb
Cadmium	111-1	976.92	994.21	993.10	988.08	0.98	ppb
Calcium	43-1	114318.27	112601.12	117732.00	114883.80	2.27	ppb
Calcium	44-1	105396.89	101371.21	106561.83	104443.31	2.61	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	936.33	1069.56	1006.77	1004.22	6.64	ppb
Cobalt	59-2	925.64	1079.56	1017.07	1007.42	7.68	ppb
Copper	63-2	9305.88	10601.09	10281.06	10062.67	6.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				102		%
Indium	115-1				96		%
Indium	115-2				94		%
Iron	56-2	51561.02	59300.26	55965.71	55609.00	6.98	ppb
Iron	57-2	51707.96	59127.08	55963.07	55599.37	6.70	ppb
Iron	54-2	52038.19	59773.27	57331.52	56380.99	7.01	ppb
Krypton	83-1						cps

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

S07

Instrumnet Name :

P7

Client Sample ID :

S07

Dilution Factor :

1

Date & Time Acquired :

2024-10-17 16:41:54

DataFile Name :

011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4970.76	4927.18	5080.74	4992.90	1.58	ppb
Lead	207-1	4974.17	4948.10	5028.20	4983.49	0.82	ppb
Lead	208-1	4970.95	4968.88	5027.46	4989.10	0.67	ppb
Lithium	6-1				99		%
Magnesium	24-2	92718.89	107371.93	101726.69	100605.84	7.35	ppb
Manganese	55-2	9272.21	10702.42	10360.74	10111.79	7.39	ppb
Molybdenum	94-1	10848.15	10900.74	11066.90	10938.60	1.04	ppb
Molybdenum	95-1	10871.44	10904.21	11036.85	10937.50	0.80	ppb
Molybdenum	96-1	10772.93	10925.67	11127.25	10941.95	1.62	ppb
Molybdenum	97-1	10745.90	10855.92	11198.47	10933.43	2.16	ppb
Molybdenum	98-1	10833.80	10951.73	11027.79	10937.77	0.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	934.36	1062.64	1019.73	1005.58	6.49	ppb
Phosphorus	31-2	18758.29	21308.60	20639.34	20235.41	6.53	ppb
Potassium	39-2	49067.74	56570.99	54115.73	53251.48	7.18	ppb
Rhodium	103-1				94		%
Rhodium	103-2				94		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	82-1	978.69	979.54	1001.19	986.47	1.29	ppb
Selenium	77-2	994.55	1086.03	958.49	1013.02	6.49	ppb
Selenium	78-2	910.72	1097.00	1011.76	1006.49	9.26	ppb
Silicon	28-1	996.15	960.17	1008.94	988.42	2.56	ppb
Silver	107-1	975.63	987.62	999.85	987.70	1.23	ppb
Silver	109-1	975.04	982.18	1004.70	987.31	1.57	ppb
Sodium	23-2	99315.55	113574.10	108496.92	107128.86	6.75	ppb
Strontium	86-1	24620.62	24822.45	25168.95	24870.67	1.12	ppb
Strontium	88-1	24549.39	24787.21	25183.03	24839.87	1.29	ppb
Sulfur	34-1	20190.02	19290.89	20517.88	19999.60	3.18	ppb
Terbium	159-1				107		%
Terbium	159-2				103		%
Thallium	203-1	1013.96	978.61	1022.01	1004.86	2.30	ppb
Thallium	205-1	1000.95	979.27	1017.69	999.31	1.93	ppb
Tin	118-1	979.90	993.98	1007.32	993.73	1.38	ppb
Titanium	47-1	10971.72	10749.35	11179.42	10966.83	1.96	ppb

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

S07

Instrumnet Name :

P7

Client Sample ID :

S07

Dilution Factor :

1

Date & Time Acquired :

2024-10-17 16:41:54

DataFile Name :

011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1004.00	993.02	1008.85	1001.95	0.81	ppb
Vanadium	51-2	937.81	1077.62	1026.80	1014.08	6.98	ppb
Yttrium	89-1				101		%
Yttrium	89-2				98		%
Zinc	66-2	9318.17	10626.17	10235.79	10060.04	6.67	ppb
Zirconium	90-1	982.28	995.30	1002.29	993.29	1.02	ppb
Zirconium	91-1	979.15	980.05	1009.91	989.70	1.77	ppb

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

S08

Instrumnet Name :

P7

Client Sample ID :

S08

Dilution Factor :

1

Date & Time Acquired :

2024-10-17 16:44:46

DataFile Name :

012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	101375.80	98892.19	98979.78	99749.26	1.41	ppb
Antimony	121-1	0.76	0.84	0.75	0.79	5.81	ppb
Arsenic	75-2	0.72	0.47	0.47	0.56	25.69	ppb
Barium	135-1	1.94	2.25	1.91	2.03	9.15	ppb
Barium	137-1	1.89	2.14	1.86	1.97	7.82	ppb
Beryllium	9-1	0.66	0.55	0.58	0.60	9.47	ppb
Bismuth	209-1				90		%
Bismuth	209-2				84		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.64	0.91	0.55	0.70	26.99	ppb
Cadmium	106-1	0.41	1.91	0.57	0.96	85.78	ppb
Cadmium	111-1	0.18	0.42	0.21	0.27	47.45	ppb
Calcium	43-1	493926.10	501079.86	492970.29	495992.08	0.89	ppb
Calcium	44-1	497150.49	501360.60	497679.07	498730.05	0.46	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.00	3.11	2.94	3.02	2.79	ppb
Cobalt	59-2	2.54	2.46	2.46	2.49	1.87	ppb
Copper	63-2	1.90	1.88	1.75	1.84	4.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				103		%
Indium	115-1				93		%
Indium	115-2				97		%
Iron	56-2	253556.89	247050.63	245446.51	248684.68	1.73	ppb
Iron	57-2	252486.04	245057.30	247913.88	248485.74	1.51	ppb
Iron	54-2	251086.14	246114.14	248057.19	248419.15	1.01	ppb
Krypton	83-1						cps

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

S08

Instrumnet Name :

P7

Client Sample ID :

S08

Dilution Factor :

1

Date & Time Acquired :

2024-10-17 16:44:46

DataFile Name :

012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.09	1.08	0.87	1.01	12.22	ppb
Lead	207-1	1.05	1.07	0.96	1.03	5.70	ppb
Lead	208-1	1.06	1.04	0.91	1.00	8.47	ppb
Lithium	6-1				97		%
Magnesium	24-2	508159.75	493367.74	499091.81	500206.43	1.49	ppb
Manganese	55-2	5.14	5.01	5.10	5.08	1.37	ppb
Molybdenum	94-1	3.04	2.89	2.61	2.85	7.59	ppb
Molybdenum	95-1	2.13	2.22	1.96	2.10	6.21	ppb
Molybdenum	96-1	3.60	4.53	3.42	3.85	15.50	ppb
Molybdenum	97-1	2.04	4.81	1.80	2.88	58.08	ppb
Molybdenum	98-1	1.91	4.87	1.76	2.85	61.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.61	3.66	3.30	3.52	5.56	ppb
Phosphorus	31-2	-9.49	-2.83	-11.46	-7.93		ppb
Potassium	39-2	252196.65	243937.22	251739.47	249291.11	1.86	ppb
Rhodium	103-1				86		%
Rhodium	103-2				89		%
Scandium	45-1				97		%
Scandium	45-2				101		%
Selenium	82-1	1.16	1.70	2.51	1.79	37.84	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.20	-0.99	1.09	-0.03		ppb
Silicon	28-1	8.69	5.56	4.96	6.40	31.27	ppb
Silver	107-1	0.16	0.43	0.10	0.23	76.21	ppb
Silver	109-1	0.13	0.29	0.11	0.17	55.58	ppb
Sodium	23-2	507391.48	490547.57	497419.26	498452.77	1.70	ppb
Strontium	86-1	4.26	4.04	3.71	4.00	6.88	ppb
Strontium	88-1	4.42	4.03	3.91	4.12	6.43	ppb
Sulfur	34-1	-1169.02	-775.01	-908.97	-951.00		ppb
Terbium	159-1				101		%
Terbium	159-2				104		%
Thallium	203-1	0.13	0.12	0.10	0.12	12.88	ppb
Thallium	205-1	0.14	0.13	0.10	0.12	19.02	ppb
Tin	118-1	0.31	0.41	0.37	0.37	12.95	ppb
Titanium	47-1	1.39	1.39	1.34	1.37	1.91	ppb

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

S08

Instrumnet Name :

P7

Client Sample ID :

S08

Dilution Factor :

1

Date & Time Acquired :

2024-10-17 16:44:46

DataFile Name :

012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.06	0.07	0.05	0.06	20.02	ppb
Vanadium	51-2	0.31	0.26	0.27	0.28	9.65	ppb
Yttrium	89-1				96		%
Yttrium	89-2				100		%
Zinc	66-2	3.16	3.32	3.42	3.30	4.05	ppb
Zirconium	90-1	0.63	0.65	0.58	0.62	5.88	ppb
Zirconium	91-1	0.58	0.70	0.61	0.63	10.25	ppb

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

ICV024

Instrumnet Name :

P7

Client Sample ID :

ICV024

Dilution Factor :

1

Date & Time Acquired :

2024-10-17 17:03:58

DataFile Name :

013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	485.86	507.90	541.95	511.90	5.52	ppb
Antimony	121-1	198.71	196.83	199.38	198.30	0.67	ppb
Arsenic	75-2	193.14	189.99	212.57	198.57	6.16	ppb
Barium	135-1	96.04	94.82	96.43	95.76	0.88	ppb
Barium	137-1	95.95	95.20	96.60	95.92	0.73	ppb
Beryllium	9-1	101.08	101.94	100.90	101.31	0.55	ppb
Bismuth	209-1				107		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	162.26	158.52	162.12	160.96	1.32	ppb
Cadmium	106-1	168.67	166.42	173.17	169.42	2.03	ppb
Cadmium	111-1	109.11	109.71	111.01	109.94	0.88	ppb
Calcium	43-1	2189.83	2170.58	2266.73	2209.05	2.30	ppb
Calcium	44-1	2142.05	2164.02	2183.94	2163.34	0.97	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	98.25	100.59	109.43	102.76	5.74	ppb
Cobalt	59-2	98.08	100.10	107.73	101.97	4.99	ppb
Copper	63-2	92.54	95.69	102.52	96.92	5.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				106		%
Indium	115-1				103		%
Indium	115-2				103		%
Iron	56-2	2069.14	2108.32	2224.01	2133.82	3.77	ppb
Iron	57-2	2103.20	2099.33	2295.69	2166.07	5.18	ppb
Iron	54-2	2224.07	2288.40	2477.47	2329.98	5.65	ppb
Krypton	83-1						cps

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

ICV024

Instrumnet Name :

P7

Client Sample ID :

ICV024

Dilution Factor :

1

Date & Time Acquired :

2024-10-17 17:03:58

DataFile Name :

013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	190.12	192.33	195.12	192.53	1.30	ppb
Lead	207-1	180.07	183.03	187.03	183.38	1.90	ppb
Lead	208-1	185.13	188.07	191.63	188.28	1.73	ppb
Lithium	6-1				105		%
Magnesium	24-2	1163.24	1203.15	1288.54	1218.31	5.25	ppb
Manganese	55-2	96.93	99.81	107.44	101.39	5.36	ppb
Molybdenum	94-1	4996.47	5130.25	5047.94	5058.22	1.33	ppb
Molybdenum	95-1	4909.74	4954.68	5027.24	4963.89	1.19	ppb
Molybdenum	96-1	4958.67	4937.12	5026.94	4974.24	0.94	ppb
Molybdenum	97-1	4961.00	4919.34	5048.95	4976.43	1.33	ppb
Molybdenum	98-1	4896.73	4996.29	4958.65	4950.56	1.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	100.22	101.71	110.15	104.03	5.15	ppb
Phosphorus	31-2	-3.82	-8.29	-12.22	-8.11		ppb
Potassium	39-2	2024.59	2082.87	2282.07	2129.84	6.34	ppb
Rhodium	103-1				103		%
Rhodium	103-2				104		%
Scandium	45-1				105		%
Scandium	45-2				105		%
Selenium	82-1	203.21	205.32	208.95	205.83	1.41	ppb
Selenium	77-2	193.80	213.60	205.91	204.44	4.88	ppb
Selenium	78-2	196.27	198.86	221.28	205.47	6.69	ppb
Silicon	28-1	524.56	529.71	535.25	529.84	1.01	ppb
Silver	107-1	51.25	50.88	51.51	51.21	0.62	ppb
Silver	109-1	50.56	50.65	50.75	50.65	0.18	ppb
Sodium	23-2	2051.82	2101.23	2260.80	2137.95	5.11	ppb
Strontium	86-1	496.61	502.62	507.87	502.37	1.12	ppb
Strontium	88-1	500.04	510.36	514.31	508.24	1.45	ppb
Sulfur	34-1	-1202.78	-1145.59	-1260.14	-1202.83		ppb
Terbium	159-1				107		%
Terbium	159-2				108		%
Thallium	203-1	186.99	189.00	193.56	189.85	1.77	ppb
Thallium	205-1	209.21	215.04	211.30	211.85	1.39	ppb
Tin	118-1	553.74	546.60	548.70	549.68	0.67	ppb
Titanium	47-1	4909.64	4974.31	4970.54	4951.50	0.73	ppb

LB Number : LB132992 Operator : Jaswal
Lab Sample ID : ICV024 Instrumnet Name : P7
Client Sample ID : ICV024 Dilution Factor : 1
Date & Time Acquired : 2024-10-17 17:03:58 DataFile Name : 013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	505.96	510.47	518.02	511.48	1.19	ppb
Vanadium	51-2	91.21	95.74	100.64	95.86	4.92	ppb
Yttrium	89-1				105		%
Yttrium	89-2				105		%
Zinc	66-2	188.30	194.03	211.34	197.89	6.06	ppb
Zirconium	90-1	502.38	505.09	512.33	506.60	1.02	ppb
Zirconium	91-1	497.38	508.86	514.39	506.88	1.71	ppb

LB Number : LB132992 Operator : Jaswal
Lab Sample ID : ICB024 Instrumnet Name : P7
Client Sample ID : ICB024 Dilution Factor : 1
Date & Time Acquired : 2024-10-17 17:17:04 DataFile Name : 015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.13	-0.14	-0.01	-0.09		ppb
Antimony	121-1	0.01	0.02	0.02	0.02	25.71	ppb
Arsenic	75-2	0.02	0.00	0.00	0.01	96.07	ppb
Barium	135-1	0.00	-0.01	0.01	0.00	2038.84	ppb
Barium	137-1	0.00	0.00	-0.01	0.00		ppb
Beryllium	9-1	0.09	0.08	0.05	0.07	27.80	ppb
Bismuth	209-1				104		%
Bismuth	209-2				110		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.03	-0.02	-0.02	0.00		ppb
Cadmium	106-1	-1.32	-0.66	-2.08	-1.35		ppb
Cadmium	111-1	-0.10	-0.05	-0.15	-0.10		ppb
Calcium	43-1	3.74	-1.38	-4.56	-0.73		ppb
Calcium	44-1	0.53	0.29	-0.80	0.01	8292.49	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	-0.02	-0.01	-0.01		ppb
Cobalt	59-2	0.01	0.01	0.00	0.00	167.99	ppb
Copper	63-2	0.09	0.01	0.10	0.07	77.99	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				104		%
Holmium	165-2				108		%
Indium	115-1				103		%
Indium	115-2				107		%
Iron	56-2	0.38	0.06	0.36	0.27	67.76	ppb
Iron	57-2	-4.43	-4.16	-2.41	-3.67		ppb
Iron	54-2	-0.06	-1.01	-0.17	-0.41		ppb
Krypton	83-1						cps

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

ICB024

Instrumnet Name :

P7

Client Sample ID :

ICB024

Dilution Factor :

1

Date & Time Acquired :

2024-10-17 17:17:04

DataFile Name :

015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.05	0.05	0.02	0.04	39.07	ppb
Lead	207-1	0.06	0.03	0.04	0.04	33.50	ppb
Lead	208-1	0.05	0.04	0.04	0.04	14.69	ppb
Lithium	6-1				104		%
Magnesium	24-2	0.99	0.46	0.65	0.70	38.17	ppb
Manganese	55-2	0.01	0.05	0.02	0.02	73.59	ppb
Molybdenum	94-1	0.04	0.09	0.05	0.06	40.69	ppb
Molybdenum	95-1	0.04	0.02	0.04	0.03	41.06	ppb
Molybdenum	96-1	0.04	0.04	0.04	0.04	7.43	ppb
Molybdenum	97-1	0.02	0.03	0.03	0.03	24.66	ppb
Molybdenum	98-1	0.04	0.04	0.03	0.04	15.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.00	0.00	0.01	246.66	ppb
Phosphorus	31-2	-19.22	-21.55	-17.29	-19.35		ppb
Potassium	39-2	-13.07	-18.60	-12.41	-14.69		ppb
Rhodium	103-1				103		%
Rhodium	103-2				107		%
Scandium	45-1				103		%
Scandium	45-2				106		%
Selenium	82-1	-0.12	0.98	-0.09	0.26	243.77	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.08	0.15	1.92	1.05	83.98	ppb
Silicon	28-1	-7.38	-6.52	-6.87	-6.93		ppb
Silver	107-1	0.01	0.00	0.01	0.01	47.97	ppb
Silver	109-1	0.01	0.01	0.01	0.01	9.87	ppb
Sodium	23-2	12.95	12.80	14.19	13.31	5.71	ppb
Strontium	86-1	0.04	0.04	0.02	0.03	43.04	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	20.39	ppb
Sulfur	34-1	-655.29	-558.26	-577.27	-596.94		ppb
Terbium	159-1				104		%
Terbium	159-2				107		%
Thallium	203-1	0.02	0.01	0.01	0.02	42.87	ppb
Thallium	205-1	0.02	0.02	0.01	0.02	18.30	ppb
Tin	118-1	0.02	0.01	0.01	0.01	65.21	ppb
Titanium	47-1	0.03	0.00	0.03	0.02	93.49	ppb

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

ICB024

Instrumnet Name :

P7

Client Sample ID :

ICB024

Dilution Factor :

1

Date & Time Acquired :

2024-10-17 17:17:04

DataFile Name :

015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	116.92	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	421.82	ppb
Yttrium	89-1				102		%
Yttrium	89-2				106		%
Zinc	66-2	0.09	0.16	0.06	0.11	49.17	ppb
Zirconium	90-1	0.02	0.03	0.02	0.02	18.23	ppb
Zirconium	91-1	0.02	0.02	0.01	0.02	15.14	ppb

LB Number : LB132992 Operator : Jaswal
Lab Sample ID : ICSA024 Instrumnet Name : P7
Client Sample ID : ICSA024 Dilution Factor : 1
Date & Time Acquired : 2024-10-17 17:20:27 DataFile Name : 016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91273.87	90342.67	89545.96	90387.50	0.96	ppb
Antimony	121-1	1.13	1.12	1.13	1.12	0.59	ppb
Arsenic	75-2	0.47	0.33	0.45	0.42	18.89	ppb
Barium	135-1	1.32	1.36	1.44	1.37	4.57	ppb
Barium	137-1	1.36	1.33	1.33	1.34	1.40	ppb
Beryllium	9-1	0.33	0.30	0.39	0.34	13.13	ppb
Bismuth	209-1				100		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	8.64	9.27	8.16	8.69	6.41	ppb
Cadmium	106-1	-0.39	-1.87	-2.75	-1.67		ppb
Cadmium	111-1	0.32	0.13	0.15	0.20	54.68	ppb
Calcium	43-1	101936.91	102519.92	106213.22	103556.69	2.24	ppb
Calcium	44-1	96414.92	97628.44	100906.67	98316.67	2.36	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.19	19.09	19.43	19.24	0.91	ppb
Cobalt	59-2	1.15	1.18	1.21	1.18	2.68	ppb
Copper	63-2	7.15	7.23	7.40	7.26	1.79	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				110		%
Indium	115-1				98		%
Indium	115-2				103		%
Iron	56-2	102947.00	101919.49	102134.57	102333.68	0.53	ppb
Iron	57-2	103428.01	102992.31	102863.54	103094.62	0.29	ppb
Iron	54-2	103424.06	101372.08	102176.95	102324.37	1.01	ppb
Krypton	83-1						cps

LB Number : LB132992 Operator : Jaswal
Lab Sample ID : ICSA024 Instrumnet Name : P7
Client Sample ID : ICSA024 Dilution Factor : 1
Date & Time Acquired : 2024-10-17 17:20:27 DataFile Name : 016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	4.29	4.45	4.24	4.33	2.52	ppb
Lead	207-1	3.80	3.85	3.86	3.84	0.79	ppb
Lead	208-1	4.01	4.09	4.03	4.04	0.96	ppb
Lithium	6-1				99		%
Magnesium	24-2	93467.81	92114.07	92680.60	92754.16	0.73	ppb
Manganese	55-2	7.97	7.78	7.43	7.73	3.52	ppb
Molybdenum	94-1	1613.75	1601.17	1642.14	1619.02	1.30	ppb
Molybdenum	95-1	1909.87	1908.84	1958.28	1925.66	1.47	ppb
Molybdenum	96-1	1885.99	1884.01	1904.40	1891.46	0.59	ppb
Molybdenum	97-1	1923.41	1938.96	1924.94	1929.10	0.44	ppb
Molybdenum	98-1	1919.81	1892.76	1938.73	1917.10	1.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.12	5.19	5.55	5.29	4.31	ppb
Phosphorus	31-2	94592.12	93634.71	94271.37	94166.06	0.52	ppb
Potassium	39-2	97347.59	96741.96	96462.45	96850.67	0.47	ppb
Rhodium	103-1				93		%
Rhodium	103-2				99		%
Scandium	45-1				98		%
Scandium	45-2				103		%
Selenium	82-1	0.66	0.76	0.67	0.70	8.13	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.07	1.68	0.77	0.80	110.34	ppb
Silicon	28-1	15.75	17.66	21.85	18.42	16.95	ppb
Silver	107-1	0.07	0.08	0.09	0.08	16.77	ppb
Silver	109-1	0.08	0.06	0.09	0.08	15.39	ppb
Sodium	23-2	98303.62	97259.31	97874.34	97812.42	0.54	ppb
Strontium	86-1	33.40	33.60	33.87	33.62	0.70	ppb
Strontium	88-1	34.08	33.93	34.35	34.12	0.62	ppb
Sulfur	34-1	98652.57	101098.92	102387.01	100712.83	1.88	ppb
Terbium	159-1				106		%
Terbium	159-2				109		%
Thallium	203-1	0.17	0.16	0.15	0.16	4.91	ppb
Thallium	205-1	0.17	0.17	0.17	0.17	0.54	ppb
Tin	118-1	0.17	0.15	0.16	0.16	4.42	ppb
Titanium	47-1	2040.78	2049.76	2116.46	2069.00	2.00	ppb

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

ICSA024

Instrumnet Name :

P7

Client Sample ID :

ICSA024

Dilution Factor :

1

Date & Time Acquired :

2024-10-17 17:20:27

DataFile Name :

016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.01	0.02	0.02	0.02	15.65	ppb
Vanadium	51-2	0.19	0.18	0.17	0.18	3.26	ppb
Yttrium	89-1				100		%
Yttrium	89-2				105		%
Zinc	66-2	10.77	11.32	11.03	11.04	2.50	ppb
Zirconium	90-1	0.06	0.06	0.05	0.06	9.70	ppb
Zirconium	91-1	0.03	0.05	0.07	0.05	37.02	ppb

LB Number :LB132992Operator :Jaswal

Lab Sample ID :ICSAB024Instrumnet Name :P7

Client Sample ID :ICSAB024Dilution Factor :1

Date & Time Acquired :2024-10-17 17:23:38DataFile Name :017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	90184.61	87345.63	89878.13	89136.12	1.75	ppb
Antimony	121-1	20.16	20.78	19.96	20.30	2.11	ppb
Arsenic	75-2	18.63	18.61	18.69	18.64	0.24	ppb
Barium	135-1	19.86	20.45	19.62	19.97	2.15	ppb
Barium	137-1	19.48	20.45	19.51	19.81	2.79	ppb
Beryllium	9-1	20.09	19.86	19.72	19.89	0.93	ppb
Bismuth	209-1				103		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	29.01	26.91	28.63	28.18	3.96	ppb
Cadmium	106-1	23.14	22.55	22.30	22.66	1.91	ppb
Cadmium	111-1	20.09	20.33	20.14	20.19	0.62	ppb
Calcium	43-1	102480.01	103789.95	104397.91	103555.96	0.95	ppb
Calcium	44-1	96770.26	98469.69	97719.24	97653.07	0.87	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	38.67	37.37	38.42	38.15	1.80	ppb
Cobalt	59-2	20.16	19.78	19.52	19.82	1.63	ppb
Copper	63-2	24.85	24.41	24.95	24.74	1.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				111		%
Indium	115-1				102		%
Indium	115-2				105		%
Iron	56-2	101144.82	101202.24	101598.78	101315.28	0.24	ppb
Iron	57-2	102237.54	102494.91	100454.57	101729.00	1.09	ppb
Iron	54-2	101536.28	100774.24	100606.95	100972.49	0.49	ppb
Krypton	83-1						cps

LB Number :LB132992Operator :Jaswal

Lab Sample ID :ICSAB024Instrumnet Name :P7

Client Sample ID :ICSAB024Dilution Factor :1

Date & Time Acquired :2024-10-17 17:23:38DataFile Name :017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	23.79	23.89	24.45	24.04	1.47	ppb
Lead	207-1	22.90	22.75	23.49	23.05	1.70	ppb
Lead	208-1	23.20	23.19	23.76	23.38	1.39	ppb
Lithium	6-1				103		%
Magnesium	24-2	92758.84	89663.99	90103.36	90842.06	1.84	ppb
Manganese	55-2	27.15	25.66	26.33	26.38	2.82	ppb
Molybdenum	94-1	1719.88	1717.03	1744.62	1727.18	0.88	ppb
Molybdenum	95-1	1939.53	1940.94	1985.75	1955.41	1.34	ppb
Molybdenum	96-1	1933.18	1923.29	1966.06	1940.84	1.15	ppb
Molybdenum	97-1	1980.96	1986.46	2025.75	1997.72	1.22	ppb
Molybdenum	98-1	1972.45	1931.61	1974.99	1959.69	1.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.51	23.07	24.03	23.87	3.07	ppb
Phosphorus	31-2	94431.91	93071.52	93921.94	93808.46	0.73	ppb
Potassium	39-2	96429.01	95740.38	95183.22	95784.21	0.65	ppb
Rhodium	103-1				97		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				105		%
Selenium	82-1	20.72	20.64	20.60	20.65	0.30	ppb
Selenium	77-2	23.89	19.97	20.16	21.34	10.35	ppb
Selenium	78-2	14.52	19.06	18.94	17.51	14.77	ppb
Silicon	28-1	70.47	73.36	73.66	72.50	2.43	ppb
Silver	107-1	18.25	18.59	18.09	18.31	1.39	ppb
Silver	109-1	18.13	18.36	18.08	18.19	0.80	ppb
Sodium	23-2	98425.83	95133.13	98516.61	97358.53	1.98	ppb
Strontium	86-1	82.43	80.86	83.36	82.21	1.54	ppb
Strontium	88-1	82.88	82.16	83.54	82.86	0.84	ppb
Sulfur	34-1	99226.70	101140.32	101115.91	100494.31	1.09	ppb
Terbium	159-1				109		%
Terbium	159-2				111		%
Thallium	203-1	21.86	21.97	22.34	22.06	1.15	ppb
Thallium	205-1	22.01	21.96	22.71	22.23	1.88	ppb
Tin	118-1	48.64	50.16	49.30	49.37	1.55	ppb
Titanium	47-1	2094.29	2139.52	2135.24	2123.01	1.18	ppb

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

ICSAB024

Instrumnet Name :

P7

Client Sample ID :

ICSAB024

Dilution Factor :

1

Date & Time Acquired :

2024-10-17 17:23:38

DataFile Name :

017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	43.30	43.90	44.44	43.88	1.30	ppb
Vanadium	51-2	18.54	18.12	18.23	18.30	1.18	ppb
Yttrium	89-1				102		%
Yttrium	89-2				107		%
Zinc	66-2	29.73	28.72	28.47	28.97	2.31	ppb
Zirconium	90-1	49.72	49.56	51.03	50.10	1.62	ppb
Zirconium	91-1	50.02	50.02	50.90	50.31	1.00	ppb

LB Number :LB132992Operator :Jaswal

Lab Sample ID :CCV088Instrumnet Name :P7

Client Sample ID :CCV088Dilution Factor :1

Date & Time Acquired :2024-10-17 18:04:58DataFile Name :024CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49030.62	48284.45	50845.21	49386.76	2.67	ppb
Antimony	121-1	495.65	486.11	486.98	489.58	1.08	ppb
Arsenic	75-2	454.70	442.10	469.72	455.51	3.04	ppb
Barium	135-1	2514.65	2506.76	2415.72	2479.04	2.22	ppb
Barium	137-1	2461.97	2429.36	2393.66	2428.33	1.41	ppb
Beryllium	9-1	479.17	486.18	490.17	485.17	1.15	ppb
Bismuth	209-1				96		%
Bismuth	209-2				88		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	478.08	483.67	472.48	478.08	1.17	ppb
Cadmium	106-1	477.55	481.84	470.96	476.78	1.15	ppb
Cadmium	111-1	476.78	472.81	471.63	473.74	0.57	ppb
Calcium	43-1	238788.62	242935.92	250815.87	244180.14	2.50	ppb
Calcium	44-1	240612.60	240094.16	249243.39	243316.71	2.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	462.77	465.75	487.95	472.16	2.91	ppb
Cobalt	59-2	490.19	494.05	517.34	500.53	2.93	ppb
Copper	63-2	4832.94	4835.60	5025.08	4897.87	2.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				106		%
Indium	115-1				97		%
Indium	115-2				98		%
Iron	56-2	124207.12	124096.19	130014.01	126105.77	2.68	ppb
Iron	57-2	124143.08	125516.24	129864.95	126508.09	2.36	ppb
Iron	54-2	124087.21	122250.48	129133.84	125157.18	2.85	ppb
Krypton	83-1						cps

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

CCV088

Instrumnet Name :

P7

Client Sample ID :

CCV088

Dilution Factor :

1

Date & Time Acquired :

2024-10-17 18:04:58

DataFile Name :

024CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2454.55	2458.79	2497.93	2470.42	0.97	ppb
Lead	207-1	2429.78	2493.39	2468.26	2463.81	1.30	ppb
Lead	208-1	2438.53	2478.32	2489.26	2468.71	1.08	ppb
Lithium	6-1				104		%
Magnesium	24-2	239980.33	239876.70	249767.24	243208.09	2.34	ppb
Manganese	55-2	4531.72	4527.32	4712.15	4590.39	2.30	ppb
Molybdenum	94-1	5257.57	5358.94	5375.39	5330.63	1.20	ppb
Molybdenum	95-1	5227.69	5365.92	5340.11	5311.24	1.38	ppb
Molybdenum	96-1	5227.45	5435.25	5349.58	5337.43	1.96	ppb
Molybdenum	97-1	5229.86	5393.86	5382.26	5335.33	1.72	ppb
Molybdenum	98-1	5217.00	5317.17	5298.97	5277.71	1.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	486.50	485.83	506.79	493.04	2.42	ppb
Phosphorus	31-2	9253.34	9224.35	9504.99	9327.56	1.65	ppb
Potassium	39-2	120590.48	120811.66	127183.18	122861.77	3.05	ppb
Rhodium	103-1				92		%
Rhodium	103-2				94		%
Scandium	45-1				102		%
Scandium	45-2				103		%
Selenium	82-1	466.79	478.55	469.39	471.58	1.31	ppb
Selenium	77-2	449.24	433.37	450.55	444.39	2.15	ppb
Selenium	78-2	451.85	438.03	464.28	451.39	2.91	ppb
Silicon	28-1	506.36	513.95	538.92	519.74	3.28	ppb
Silver	107-1	481.38	479.74	464.86	475.33	1.91	ppb
Silver	109-1	479.96	477.50	472.35	476.60	0.82	ppb
Sodium	23-2	247600.56	245354.87	257771.06	250242.16	2.64	ppb
Strontium	86-1	11925.24	12142.86	12275.87	12114.66	1.46	ppb
Strontium	88-1	11934.98	12059.16	12221.31	12071.81	1.19	ppb
Sulfur	34-1	8948.54	8735.20	9360.77	9014.84	3.53	ppb
Terbium	159-1				103		%
Terbium	159-2				105		%
Thallium	203-1	492.68	489.78	502.11	494.86	1.30	ppb
Thallium	205-1	483.87	493.00	506.75	494.54	2.33	ppb
Tin	118-1	505.34	495.02	504.61	501.66	1.15	ppb
Titanium	47-1	5217.02	5289.24	5367.04	5291.10	1.42	ppb

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

CCV088

Instrumnet Name :

P7

Client Sample ID :

CCV088

Dilution Factor :

1

Date & Time Acquired :

2024-10-17 18:04:58

DataFile Name :

024CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	497.21	499.92	513.08	503.40	1.69	ppb
Vanadium	51-2	458.98	456.58	481.68	465.75	2.97	ppb
Yttrium	89-1				101		%
Yttrium	89-2				102		%
Zinc	66-2	4756.92	4787.26	4983.87	4842.68	2.54	ppb
Zirconium	90-1	478.92	495.14	492.54	488.87	1.78	ppb
Zirconium	91-1	479.90	497.70	494.16	490.59	1.92	ppb

LB Number :LB132992Operator :Jaswal

Lab Sample ID :CCB088Instrumnet Name :P7

Client Sample ID :CCB088Dilution Factor :1

Date & Time Acquired :2024-10-17 18:07:52DataFile Name :025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.11	1.56	1.69	1.46	20.92	ppb
Antimony	121-1	0.43	0.40	0.42	0.42	3.20	ppb
Arsenic	75-2	0.02	0.00	0.04	0.02	80.75	ppb
Barium	135-1	0.09	0.06	0.09	0.08	19.90	ppb
Barium	137-1	0.13	0.09	0.07	0.09	32.93	ppb
Beryllium	9-1	0.57	0.48	0.37	0.47	21.26	ppb
Bismuth	209-1				109		%
Bismuth	209-2				113		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.02	0.11	0.11	0.07	111.21	ppb
Cadmium	106-1	0.01	-0.96	-2.16	-1.04		ppb
Cadmium	111-1	0.04	-0.05	-0.16	-0.06		ppb
Calcium	43-1	19.16	6.74	3.76	9.89	82.58	ppb
Calcium	44-1	32.12	8.74	7.24	16.04	87.01	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	-0.02	-0.03	-0.02		ppb
Cobalt	59-2	0.03	0.04	0.03	0.03	22.95	ppb
Copper	63-2	0.28	0.29	0.28	0.28	2.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				111		%
Indium	115-1				107		%
Indium	115-2				111		%
Iron	56-2	7.47	7.77	9.27	8.17	11.81	ppb
Iron	57-2	0.78	3.25	10.73	4.92	105.34	ppb
Iron	54-2	7.51	8.49	8.58	8.20	7.25	ppb
Krypton	83-1						cps

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

CCB088

Instrumnet Name :

P7

Client Sample ID :

CCB088

Dilution Factor :

1

Date & Time Acquired :

2024-10-17 18:07:52

DataFile Name :

025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.44	0.28	0.23	0.32	35.75	ppb
Lead	207-1	0.88	0.28	0.21	0.45	81.10	ppb
Lead	208-1	0.76	0.27	0.23	0.42	69.96	ppb
Lithium	6-1				110		%
Magnesium	24-2	10.40	12.27	12.55	11.74	9.95	ppb
Manganese	55-2	0.30	0.27	0.27	0.28	5.75	ppb
Molybdenum	94-1	0.66	0.56	0.57	0.60	9.60	ppb
Molybdenum	95-1	0.45	0.32	0.32	0.37	20.84	ppb
Molybdenum	96-1	0.50	0.35	0.37	0.41	20.86	ppb
Molybdenum	97-1	0.48	0.34	0.39	0.41	17.29	ppb
Molybdenum	98-1	0.45	0.34	0.34	0.38	17.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.05	0.00	-0.02	-0.02		ppb
Phosphorus	31-2	-8.51	-14.67	-11.88	-11.69		ppb
Potassium	39-2	8.20	6.76	9.42	8.13	16.40	ppb
Rhodium	103-1				104		%
Rhodium	103-2				110		%
Scandium	45-1				106		%
Scandium	45-2				111		%
Selenium	82-1	0.69	0.00	0.34	0.34	101.36	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.37	-0.04	-1.36	-0.59		ppb
Silicon	28-1	-6.27	-7.96	-7.67	-7.30		ppb
Silver	107-1	0.09	0.06	0.06	0.07	27.93	ppb
Silver	109-1	0.08	0.06	0.05	0.07	24.24	ppb
Sodium	23-2	99.18	96.57	97.33	97.69	1.37	ppb
Strontium	86-1	0.71	0.40	0.39	0.50	37.44	ppb
Strontium	88-1	0.82	0.36	0.32	0.50	55.21	ppb
Sulfur	34-1	-1390.86	-1477.23	-1359.42	-1409.17		ppb
Terbium	159-1				109		%
Terbium	159-2				112		%
Thallium	203-1	0.09	0.07	0.06	0.07	17.81	ppb
Thallium	205-1	0.10	0.06	0.06	0.08	27.98	ppb
Tin	118-1	0.08	0.09	0.13	0.10	26.96	ppb
Titanium	47-1	0.69	0.23	0.29	0.40	62.27	ppb

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

CCB088

Instrumnet Name :

P7

Client Sample ID :

CCB088

Dilution Factor :

1

Date & Time Acquired :

2024-10-17 18:07:52

DataFile Name :

025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.12	0.01	0.01	0.05	129.72	ppb
Vanadium	51-2	0.01	0.01	0.03	0.02	68.20	ppb
Yttrium	89-1				105		%
Yttrium	89-2				111		%
Zinc	66-2	0.53	0.58	0.51	0.54	7.06	ppb
Zirconium	90-1	0.18	0.14	0.14	0.15	15.12	ppb
Zirconium	91-1	0.14	0.16	0.16	0.15	8.11	ppb

LB Number :LB132992Operator :Jaswal

Lab Sample ID :P3847-02Instrumnet Name :P7

Client Sample ID :PT-TM1-WPDilution Factor :1

Date & Time Acquired :2024-10-17 18:25:28DataFile Name :027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2539.80	2553.29	2549.19	2547.43	0.27	ppb
Antimony	121-1	811.82	788.67	789.12	796.54	1.66	ppb
Arsenic	75-2	544.34	533.76	545.65	541.25	1.20	ppb
Barium	135-1	604.38	590.38	608.52	601.09	1.58	ppb
Barium	137-1	602.25	590.15	601.76	598.05	1.14	ppb
Beryllium	9-1	300.28	298.46	300.52	299.75	0.38	ppb
Bismuth	209-1				108		%
Bismuth	209-2				111		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	363.69	352.22	349.73	355.21	2.10	ppb
Cadmium	106-1	338.08	318.63	330.48	329.06	2.98	ppb
Cadmium	111-1	405.37	396.46	405.94	402.59	1.32	ppb
Calcium	43-1	163.25	171.98	178.84	171.36	4.56	ppb
Calcium	44-1	88.43	89.03	90.69	89.38	1.31	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	561.25	566.09	561.85	563.06	0.47	ppb
Cobalt	59-2	179.84	181.30	180.59	180.58	0.41	ppb
Copper	63-2	651.33	662.27	658.04	657.21	0.84	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				111		%
Indium	115-1				108		%
Indium	115-2				111		%
Iron	56-2	1477.70	1520.46	1483.85	1494.01	1.55	ppb
Iron	57-2	1359.12	1361.45	1377.98	1366.18	0.75	ppb
Iron	54-2	1955.77	1973.98	1974.46	1968.07	0.54	ppb
Krypton	83-1						cps

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

P3847-02

Instrumnet Name :

P7

Client Sample ID :

PT-TM1-WP

Dilution Factor :

1

Date & Time Acquired :

2024-10-17 18:25:28

DataFile Name :

027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	959.66	940.28	947.98	949.31	1.03	ppb
Lead	207-1	932.06	932.98	922.55	929.20	0.62	ppb
Lead	208-1	939.31	936.42	929.56	935.10	0.54	ppb
Lithium	6-1				109		%
Magnesium	24-2	2.67	2.05	2.46	2.40	13.17	ppb
Manganese	55-2	623.25	631.43	630.37	628.35	0.71	ppb
Molybdenum	94-1	441.81	440.35	446.73	442.96	0.75	ppb
Molybdenum	95-1	529.88	528.21	532.41	530.17	0.40	ppb
Molybdenum	96-1	515.93	519.55	523.63	519.70	0.74	ppb
Molybdenum	97-1	530.85	529.39	539.36	533.20	1.01	ppb
Molybdenum	98-1	529.99	524.88	530.09	528.32	0.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1600.51	1613.12	1615.89	1609.84	0.51	ppb
Phosphorus	31-2	-22.90	-21.39	-17.27	-20.52		ppb
Potassium	39-2	-17.08	-17.31	-19.44	-17.94		ppb
Rhodium	103-1				107		%
Rhodium	103-2				110		%
Scandium	45-1				108		%
Scandium	45-2				111		%
Selenium	82-1	479.85	484.37	487.40	483.87	0.78	ppb
Selenium	77-2	484.53	451.02	477.86	471.14	3.77	ppb
Selenium	78-2	458.52	465.11	454.75	459.46	1.14	ppb
Silicon	28-1	311.37	311.98	313.86	312.40	0.42	ppb
Silver	107-1	612.75	585.49	605.81	601.35	2.36	ppb
Silver	109-1	608.11	599.81	610.87	606.26	0.95	ppb
Sodium	23-2	92.39	94.81	95.41	94.20	1.70	ppb
Strontium	86-1	439.30	441.75	443.26	441.44	0.45	ppb
Strontium	88-1	444.55	437.02	447.43	443.00	1.21	ppb
Sulfur	34-1	-1249.11	-1549.28	-1558.23	-1452.21		ppb
Terbium	159-1				108		%
Terbium	159-2				112		%
Thallium	203-1	423.08	413.05	405.85	413.99	2.09	ppb
Thallium	205-1	422.25	415.54	405.90	414.57	1.98	ppb
Tin	118-1	0.34	0.36	0.29	0.33	10.58	ppb
Titanium	47-1	0.33	0.28	0.28	0.30	9.25	ppb

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

P3847-02

Instrumnet Name :

P7

Client Sample ID :

PT-TM1-WP

Dilution Factor :

1

Date & Time Acquired :

2024-10-17 18:25:28

DataFile Name :

027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	93.81	ppb
Vanadium	51-2	1027.38	1034.28	1029.99	1030.55	0.34	ppb
Yttrium	89-1				108		%
Yttrium	89-2				111		%
Zinc	66-2	609.62	612.77	615.23	612.54	0.46	ppb
Zirconium	90-1	0.31	0.32	0.34	0.32	4.92	ppb
Zirconium	91-1	0.48	0.49	0.45	0.47	3.62	ppb

LB Number :LB132992Operator :Jaswal

Lab Sample ID :P3847-04Instrumnet Name :P7

Client Sample ID :PT-SNTI-WPDilution Factor :1

Date & Time Acquired :2024-10-17 18:28:38DataFile Name :028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	73.50	75.05	73.59	74.05	1.17	ppb
Antimony	121-1	0.38	0.37	0.39	0.38	1.91	ppb
Arsenic	75-2	0.04	0.00	0.05	0.03	80.56	ppb
Barium	135-1	0.25	0.22	0.20	0.22	9.53	ppb
Barium	137-1	0.21	0.23	0.16	0.20	17.81	ppb
Beryllium	9-1	0.27	0.22	0.20	0.23	15.56	ppb
Bismuth	209-1				109		%
Bismuth	209-2				114		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.12	0.11	0.20	0.14	35.68	ppb
Cadmium	106-1	0.60	-1.24	-1.59	-0.74		ppb
Cadmium	111-1	0.07	-0.06	-0.11	-0.04		ppb
Calcium	43-1	2.82	1.38	-0.23	1.33	114.93	ppb
Calcium	44-1	8.98	9.37	8.08	8.81	7.50	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.05	0.05	0.04	0.05	12.23	ppb
Cobalt	59-2	0.04	0.04	0.04	0.04	4.42	ppb
Copper	63-2	0.13	0.12	0.18	0.14	20.67	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				111		%
Holmium	165-2				112		%
Indium	115-1				104		%
Indium	115-2				108		%
Iron	56-2	1.92	2.34	2.31	2.19	10.68	ppb
Iron	57-2	-2.08	-2.30	-2.98	-2.46		ppb
Iron	54-2	1.90	0.70	2.72	1.77	57.16	ppb
Krypton	83-1						cps

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

LB132992
P3847-04
PT-SNTI-WP
2024-10-17 18:28:38

Operator :
Instrumnet Name :
Dilution Factor :
DataFile Name :

Jaswal
P7
1
028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.18	0.19	0.20	0.19	3.43	ppb
Lead	207-1	0.17	0.17	0.17	0.17	1.64	ppb
Lead	208-1	0.20	0.19	0.17	0.19	9.28	ppb
Lithium	6-1				111		%
Magnesium	24-2	3.06	4.09	3.89	3.68	14.82	ppb
Manganese	55-2	0.07	0.11	0.07	0.09	28.01	ppb
Molybdenum	94-1	3.17	2.92	3.12	3.07	4.34	ppb
Molybdenum	95-1	0.07	0.08	0.06	0.07	10.42	ppb
Molybdenum	96-1	0.40	0.41	0.36	0.39	6.54	ppb
Molybdenum	97-1	0.09	0.05	0.05	0.07	37.24	ppb
Molybdenum	98-1	0.09	0.09	0.07	0.08	11.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.26	0.24	0.27	0.26	6.25	ppb
Phosphorus	31-2	-8.94	-16.79	-21.40	-15.71		ppb
Potassium	39-2	-16.83	-11.74	-14.92	-14.50		ppb
Rhodium	103-1				108		%
Rhodium	103-2				112		%
Scandium	45-1				109		%
Scandium	45-2				112		%
Selenium	82-1	-0.30	-0.13	0.64	0.07	735.33	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.11	0.57	0.43	-0.04		ppb
Silicon	28-1	1839.60	1845.69	1811.57	1832.29	0.99	ppb
Silver	107-1	0.13	0.10	0.07	0.10	31.22	ppb
Silver	109-1	0.13	0.08	0.07	0.10	34.51	ppb
Sodium	23-2	231.94	234.12	234.77	233.61	0.63	ppb
Strontium	86-1	0.04	0.04	0.04	0.04	3.34	ppb
Strontium	88-1	0.06	0.05	0.05	0.05	8.89	ppb
Sulfur	34-1	-1820.16	-2045.38	-2064.11	-1976.55		ppb
Terbium	159-1				108		%
Terbium	159-2				113		%
Thallium	203-1	0.08	0.09	0.07	0.08	6.87	ppb
Thallium	205-1	0.08	0.07	0.07	0.07	9.86	ppb
Tin	118-1	1303.80	1274.73	1281.45	1286.66	1.18	ppb
Titanium	47-1	97.49	97.72	96.13	97.11	0.89	ppb

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

P3847-04

Instrumnet Name :

P7

Client Sample ID :

PT-SNTI-WP

Dilution Factor :

1

Date & Time Acquired :

2024-10-17 18:28:38

DataFile Name :

028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	32.75	ppb
Vanadium	51-2	0.06	0.03	0.04	0.04	31.90	ppb
Yttrium	89-1				110		%
Yttrium	89-2				112		%
Zinc	66-2	0.25	0.30	0.48	0.34	35.06	ppb
Zirconium	90-1	1.64	1.61	1.53	1.59	3.51	ppb
Zirconium	91-1	1.60	1.67	1.52	1.59	4.79	ppb

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

P3847-06

Instrumnet Name :

P7

Client Sample ID :

PT-MIN2-WP

Dilution Factor :

1

Date & Time Acquired :

2024-10-17 18:32:00

DataFile Name :

029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.36	-0.32	-0.19	-0.29		ppb
Antimony	121-1	0.19	0.12	0.08	0.13	46.68	ppb
Arsenic	75-2	0.10	0.06	0.04	0.07	46.02	ppb
Barium	135-1	0.29	0.34	0.25	0.29	14.86	ppb
Barium	137-1	0.24	0.30	0.24	0.26	13.77	ppb
Beryllium	9-1	0.12	0.12	0.09	0.11	16.42	ppb
Bismuth	209-1				143		%
Bismuth	209-2				145		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.03	-0.03	0.10	0.01	623.98	ppb
Cadmium	106-1	-1.07	-1.98	-1.12	-1.39		ppb
Cadmium	111-1	0.02	-0.09	-0.07	-0.05		ppb
Calcium	43-1	71049.10	82300.67	69808.81	74386.19	9.25	ppb
Calcium	44-1	66702.88	77504.21	65859.07	70022.05	9.27	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.09	-0.09	-0.07	-0.08		ppb
Cobalt	59-2	0.08	0.05	0.07	0.07	18.77	ppb
Copper	63-2	0.04	0.04	0.02	0.03	25.01	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				150		%
Holmium	165-2				148		%
Indium	115-1				146		%
Indium	115-2				144		%
Iron	56-2	-0.41	-0.26	-0.30	-0.32		ppb
Iron	57-2	360.09	378.84	379.15	372.69	2.93	ppb
Iron	54-2	-8.15	-7.56	-8.31	-8.01		ppb
Krypton	83-1						cps

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

P3847-06

Instrumnet Name :

P7

Client Sample ID :

PT-MIN2-WP

Dilution Factor :

1

Date & Time Acquired :

2024-10-17 18:32:00

DataFile Name :

029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.22	1.32	1.15	1.23	7.17	ppb
Lead	207-1	1.18	1.40	1.13	1.24	11.55	ppb
Lead	208-1	1.20	1.37	1.11	1.22	10.79	ppb
Lithium	6-1				140		%
Magnesium	24-2	27673.46	27937.62	27827.75	27812.94	0.48	ppb
Manganese	55-2	0.13	0.10	0.12	0.12	11.78	ppb
Molybdenum	94-1	0.59	0.71	0.60	0.63	10.24	ppb
Molybdenum	95-1	0.70	0.82	0.71	0.74	9.33	ppb
Molybdenum	96-1	0.71	0.85	0.70	0.76	10.93	ppb
Molybdenum	97-1	0.71	0.86	0.71	0.76	10.80	ppb
Molybdenum	98-1	0.74	0.84	0.71	0.76	8.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.03	0.02	0.02	78.42	ppb
Phosphorus	31-2	-31.88	-30.23	-32.75	-31.62		ppb
Potassium	39-2	21709.47	21837.50	21918.92	21821.97	0.48	ppb
Rhodium	103-1				142		%
Rhodium	103-2				145		%
Scandium	45-1				151		%
Scandium	45-2				149		%
Selenium	82-1	0.56	-0.39	0.68	0.28	209.24	ppb
Selenium	77-2	0.00	0.43	0.00	0.14	173.21	ppb
Selenium	78-2	-2.44	-0.98	0.08	-1.11		ppb
Silicon	28-1	-50.98	-42.26	-49.61	-47.62		ppb
Silver	107-1	0.02	0.02	0.02	0.02	5.56	ppb
Silver	109-1	0.01	0.02	0.01	0.01	13.94	ppb
Sodium	23-2	85530.67	86714.65	86548.37	86264.56	0.74	ppb
Strontium	86-1	6.63	8.09	6.79	7.17	11.19	ppb
Strontium	88-1	6.73	7.97	6.77	7.16	9.81	ppb
Sulfur	34-1	-4116.38	-2995.30	-3431.13	-3514.27		ppb
Terbium	159-1				148		%
Terbium	159-2				148		%
Thallium	203-1	0.60	0.42	0.23	0.42	44.12	ppb
Thallium	205-1	0.65	0.41	0.22	0.43	50.79	ppb
Tin	118-1	0.41	0.30	0.12	0.28	51.49	ppb
Titanium	47-1	-0.02	0.00	-0.02	-0.01		ppb

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

LB132992
P3847-06
PT-MIN2-WP
2024-10-17 18:32:00

Operator :
Instrumnet Name :
Dilution Factor :
DataFile Name :

Jaswal
P7
1
029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	36.33	ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	71.28	ppb
Yttrium	89-1				148		%
Yttrium	89-2				146		%
Zinc	66-2	0.87	0.84	0.73	0.82	9.10	ppb
Zirconium	90-1	-0.01	0.00	0.00	0.00		ppb
Zirconium	91-1	-0.01	-0.01	0.00	-0.01		ppb

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

P3846-02

Instrumnet Name :

P7

Client Sample ID :

PT-TM1-WP

Dilution Factor :

1

Date & Time Acquired :

2024-10-17 18:35:16

DataFile Name :

030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2605.47	2581.15	2636.73	2607.78	1.07	ppb
Antimony	121-1	788.50	813.54	815.56	805.87	1.87	ppb
Arsenic	75-2	551.46	544.74	553.50	549.90	0.83	ppb
Barium	135-1	604.12	613.50	615.96	611.19	1.02	ppb
Barium	137-1	600.19	608.63	615.41	608.08	1.25	ppb
Beryllium	9-1	296.77	304.71	307.21	302.90	1.80	ppb
Bismuth	209-1				106		%
Bismuth	209-2				110		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	352.48	352.26	358.40	354.38	0.98	ppb
Cadmium	106-1	336.64	342.02	342.13	340.26	0.92	ppb
Cadmium	111-1	404.25	407.96	415.24	409.15	1.37	ppb
Calcium	43-1	189.12	172.92	175.88	179.31	4.81	ppb
Calcium	44-1	87.87	88.46	87.99	88.11	0.35	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	569.17	571.84	579.59	573.53	0.94	ppb
Cobalt	59-2	183.54	184.05	186.12	184.57	0.74	ppb
Copper	63-2	668.30	670.48	675.94	671.57	0.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				108		%
Indium	115-1				103		%
Indium	115-2				107		%
Iron	56-2	1528.14	1512.34	1518.17	1519.55	0.53	ppb
Iron	57-2	1386.15	1405.44	1410.02	1400.54	0.90	ppb
Iron	54-2	2001.57	2010.26	2034.24	2015.36	0.84	ppb
Krypton	83-1						cps

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

P3846-02

Instrumnet Name :

P7

Client Sample ID :

PT-TM1-WP

Dilution Factor :

1

Date & Time Acquired :

2024-10-17 18:35:16

DataFile Name :

030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	947.28	972.68	981.89	967.28	1.85	ppb
Lead	207-1	915.00	933.30	942.86	930.39	1.52	ppb
Lead	208-1	928.97	948.89	958.89	945.58	1.61	ppb
Lithium	6-1				105		%
Magnesium	24-2	2.87	2.17	2.67	2.57	14.00	ppb
Manganese	55-2	641.35	638.64	647.04	642.34	0.67	ppb
Molybdenum	94-1	448.73	449.32	447.91	448.65	0.16	ppb
Molybdenum	95-1	538.94	536.03	535.18	536.72	0.37	ppb
Molybdenum	96-1	526.41	526.61	528.93	527.32	0.27	ppb
Molybdenum	97-1	541.82	539.90	542.04	541.25	0.22	ppb
Molybdenum	98-1	536.27	540.14	534.52	536.97	0.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1629.02	1656.17	1660.06	1648.42	1.03	ppb
Phosphorus	31-2	-11.37	-18.47	-14.60	-14.81		ppb
Potassium	39-2	-11.38	-6.00	-6.92	-8.10		ppb
Rhodium	103-1				101		%
Rhodium	103-2				107		%
Scandium	45-1				103		%
Scandium	45-2				106		%
Selenium	82-1	500.80	498.41	490.78	496.66	1.05	ppb
Selenium	77-2	468.36	466.39	464.98	466.58	0.36	ppb
Selenium	78-2	489.51	487.95	477.63	485.03	1.33	ppb
Silicon	28-1	308.96	313.74	314.74	312.48	0.99	ppb
Silver	107-1	594.75	606.82	607.48	603.01	1.19	ppb
Silver	109-1	598.21	607.68	615.58	607.15	1.43	ppb
Sodium	23-2	98.96	101.80	101.57	100.78	1.57	ppb
Strontium	86-1	447.68	448.38	446.96	447.67	0.16	ppb
Strontium	88-1	453.20	454.77	451.98	453.32	0.31	ppb
Sulfur	34-1	-659.25	-1002.90	-1359.48	-1007.21		ppb
Terbium	159-1				105		%
Terbium	159-2				111		%
Thallium	203-1	412.56	417.38	422.09	417.34	1.14	ppb
Thallium	205-1	411.61	416.17	425.64	417.81	1.71	ppb
Tin	118-1	0.36	0.37	0.40	0.38	5.97	ppb
Titanium	47-1	0.20	0.30	0.23	0.24	21.25	ppb

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

P3846-02

Instrumnet Name :

P7

Client Sample ID :

PT-TM1-WP

Dilution Factor :

1

Date & Time Acquired :

2024-10-17 18:35:16

DataFile Name :

030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	82.82	ppb
Vanadium	51-2	1031.40	1028.19	1053.90	1037.83	1.35	ppb
Yttrium	89-1				103		%
Yttrium	89-2				107		%
Zinc	66-2	623.39	623.97	625.88	624.41	0.21	ppb
Zirconium	90-1	0.30	0.29	0.28	0.29	3.73	ppb
Zirconium	91-1	0.45	0.47	0.41	0.45	6.17	ppb

LB Number :LB132992Operator :Jaswal

Lab Sample ID :P3846-03Instrumnet Name :P7

Client Sample ID :PT-SNTI-WPDilution Factor :1

Date & Time Acquired :2024-10-17 18:38:28DataFile Name :031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	73.44	74.51	74.49	74.15	0.82	ppb
Antimony	121-1	0.35	0.36	0.40	0.37	7.12	ppb
Arsenic	75-2	0.13	0.02	0.02	0.06	105.58	ppb
Barium	135-1	0.22	0.20	0.17	0.20	11.76	ppb
Barium	137-1	0.20	0.25	0.18	0.21	16.88	ppb
Beryllium	9-1	0.34	0.28	0.20	0.27	25.93	ppb
Bismuth	209-1				104		%
Bismuth	209-2				111		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.07	0.12	0.16	0.12	38.49	ppb
Cadmium	106-1	0.63	-0.23	-0.52	-0.04		ppb
Cadmium	111-1	0.07	0.01	-0.02	0.02	277.06	ppb
Calcium	43-1	-0.16	5.21	0.80	1.95	146.89	ppb
Calcium	44-1	10.70	9.39	8.84	9.64	9.90	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.07	0.06	0.05	68.02	ppb
Cobalt	59-2	0.04	0.04	0.06	0.05	25.12	ppb
Copper	63-2	0.16	0.18	0.23	0.19	18.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				109		%
Indium	115-1				101		%
Indium	115-2				103		%
Iron	56-2	1.88	1.80	1.85	1.84	2.03	ppb
Iron	57-2	-0.39	-0.49	-1.78	-0.89		ppb
Iron	54-2	2.08	1.50	2.16	1.91	18.99	ppb
Krypton	83-1						cps

LB Number : LB132992 Operator : Jaswal
Lab Sample ID : P3846-03 Instrumnet Name : P7
Client Sample ID : PT-SNTI-WP Dilution Factor : 1
Date & Time Acquired : 2024-10-17 18:38:28 DataFile Name : 031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.24	0.18	0.19	0.20	15.19	ppb
Lead	207-1	0.21	0.19	0.18	0.19	8.11	ppb
Lead	208-1	0.22	0.18	0.19	0.20	10.54	ppb
Lithium	6-1				105		%
Magnesium	24-2	2.82	2.92	3.09	2.94	4.72	ppb
Manganese	55-2	0.06	0.09	0.11	0.09	32.35	ppb
Molybdenum	94-1	2.90	2.93	2.97	2.93	1.07	ppb
Molybdenum	95-1	0.09	0.07	0.04	0.06	41.70	ppb
Molybdenum	96-1	0.41	0.37	0.42	0.40	7.04	ppb
Molybdenum	97-1	0.07	0.06	0.06	0.06	6.80	ppb
Molybdenum	98-1	0.07	0.06	0.06	0.06	8.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.33	0.27	0.20	0.26	24.72	ppb
Phosphorus	31-2	-19.39	-9.45	-17.93	-15.59		ppb
Potassium	39-2	-8.85	-6.37	-10.05	-8.42		ppb
Rhodium	103-1				103		%
Rhodium	103-2				108		%
Scandium	45-1				104		%
Scandium	45-2				107		%
Selenium	82-1	1.26	0.65	0.29	0.73	66.90	ppb
Selenium	77-2	0.58	1.17	0.00	0.58	100.36	ppb
Selenium	78-2	1.99	1.53	-0.06	1.15	93.33	ppb
Silicon	28-1	1872.92	1858.09	1874.10	1868.37	0.48	ppb
Silver	107-1	0.12	0.08	0.07	0.09	32.40	ppb
Silver	109-1	0.11	0.07	0.06	0.08	32.34	ppb
Sodium	23-2	248.77	251.88	249.64	250.09	0.64	ppb
Strontium	86-1	0.07	0.06	0.05	0.06	12.07	ppb
Strontium	88-1	0.06	0.06	0.05	0.06	10.16	ppb
Sulfur	34-1	-1603.12	-1676.56	-1509.72	-1596.46		ppb
Terbium	159-1				105		%
Terbium	159-2				110		%
Thallium	203-1	0.06	0.05	0.06	0.06	10.38	ppb
Thallium	205-1	0.07	0.07	0.06	0.07	11.93	ppb
Tin	118-1	1327.63	1322.07	1301.09	1316.93	1.06	ppb
Titanium	47-1	98.54	96.36	98.80	97.90	1.37	ppb

LB Number :LB132992

Operator :Jaswal

Lab Sample ID :P3846-03

Instrumnet Name :P7

Client Sample ID :PT-SNTI-WP

Dilution Factor :1

Date & Time Acquired :2024-10-17 18:38:28

DataFile Name :031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	21.76	ppb
Vanadium	51-2	0.04	0.05	0.05	0.05	9.67	ppb
Yttrium	89-1				104		%
Yttrium	89-2				108		%
Zinc	66-2	0.38	0.26	0.34	0.33	17.60	ppb
Zirconium	90-1	1.64	1.57	1.66	1.62	3.03	ppb
Zirconium	91-1	1.59	1.65	1.68	1.64	2.89	ppb

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

P3846-04

Instrumnet Name :

P7

Client Sample ID :

PT-SNTI-WP

Dilution Factor :

1

Date & Time Acquired :

2024-10-17 18:41:49

DataFile Name :

032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.27	-0.29	-0.52	-0.36		ppb
Antimony	121-1	0.08	0.06	0.05	0.06	23.66	ppb
Arsenic	75-2	0.03	0.03	0.04	0.03	24.43	ppb
Barium	135-1	0.25	0.27	0.31	0.28	11.05	ppb
Barium	137-1	0.25	0.22	0.31	0.26	17.95	ppb
Beryllium	9-1	0.09	0.13	0.13	0.12	18.09	ppb
Bismuth	209-1				145		%
Bismuth	209-2				141		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.00	0.10	-0.06	0.01	798.79	ppb
Cadmium	106-1	-0.30	-1.85	-0.94	-1.03		ppb
Cadmium	111-1	0.03	-0.11	-0.06	-0.05		ppb
Calcium	43-1	71357.58	71565.85	72043.14	71655.52	0.49	ppb
Calcium	44-1	66428.34	68599.07	68447.36	67824.93	1.79	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.07	-0.07	-0.08	-0.07		ppb
Cobalt	59-2	0.06	0.08	0.08	0.07	11.00	ppb
Copper	63-2	0.03	0.00	0.09	0.04	108.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				153		%
Holmium	165-2				146		%
Indium	115-1				148		%
Indium	115-2				142		%
Iron	56-2	-0.58	-0.35	-0.50	-0.48		ppb
Iron	57-2	378.77	386.99	389.27	385.01	1.44	ppb
Iron	54-2	-8.64	-7.65	-8.87	-8.39		ppb
Krypton	83-1						cps

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

P3846-04

Instrumnet Name :

P7

Client Sample ID :

PT-SNTI-WP

Dilution Factor :

1

Date & Time Acquired :

2024-10-17 18:41:49

DataFile Name :

032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.71	0.66	0.67	0.68	3.65	ppb
Lead	207-1	0.67	0.63	0.63	0.64	3.56	ppb
Lead	208-1	0.69	0.63	0.63	0.65	5.06	ppb
Lithium	6-1				144		%
Magnesium	24-2	28159.96	28161.94	28555.36	28292.42	0.80	ppb
Manganese	55-2	0.09	0.07	0.10	0.09	18.25	ppb
Molybdenum	94-1	0.64	0.65	0.61	0.64	3.41	ppb
Molybdenum	95-1	0.72	0.71	0.65	0.69	5.96	ppb
Molybdenum	96-1	0.69	0.75	0.64	0.69	7.71	ppb
Molybdenum	97-1	0.75	0.76	0.74	0.75	0.85	ppb
Molybdenum	98-1	0.78	0.71	0.72	0.74	4.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.05	0.03	0.02	0.03	50.36	ppb
Phosphorus	31-2	-34.31	-27.97	-27.34	-29.87		ppb
Potassium	39-2	21908.04	22026.17	22068.49	22000.90	0.38	ppb
Rhodium	103-1				144		%
Rhodium	103-2				141		%
Scandium	45-1				153		%
Scandium	45-2				146		%
Selenium	82-1	0.04	0.63	0.29	0.32	94.04	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.75	-0.80	-1.02	-1.19		ppb
Silicon	28-1	-51.18	-49.31	-48.43	-49.64		ppb
Silver	107-1	0.01	0.01	0.01	0.01	6.08	ppb
Silver	109-1	0.01	0.01	0.01	0.01	7.10	ppb
Sodium	23-2	85959.38	87654.76	88821.17	87478.44	1.64	ppb
Strontium	86-1	6.82	6.85	7.00	6.89	1.41	ppb
Strontium	88-1	6.96	6.81	6.85	6.87	1.08	ppb
Sulfur	34-1	-4087.49	-3623.16	-3260.16	-3656.94		ppb
Terbium	159-1				151		%
Terbium	159-2				147		%
Thallium	203-1	0.18	0.09	0.09	0.12	42.55	ppb
Thallium	205-1	0.17	0.09	0.08	0.11	42.94	ppb
Tin	118-1	0.11	0.08	0.04	0.07	47.86	ppb
Titanium	47-1	-0.01	-0.03	-0.02	-0.02		ppb

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

P3846-04

Instrumnet Name :

P7

Client Sample ID :

PT-SNTI-WP

Dilution Factor :

1

Date & Time Acquired :

2024-10-17 18:41:49

DataFile Name :

032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	86.42	ppb
Vanadium	51-2	0.01	0.01	0.00	0.01	67.42	ppb
Yttrium	89-1				151		%
Yttrium	89-2				142		%
Zinc	66-2	0.67	0.49	0.48	0.55	19.68	ppb
Zirconium	90-1	0.00	-0.01	0.00	0.00		ppb
Zirconium	91-1	-0.01	0.00	-0.01	-0.01		ppb

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

P3847-02DLX2

Instrumnet Name :

P7

Client Sample ID :

PT-TM1-WP

Dilution Factor :

2

Date & Time Acquired :

2024-10-17 18:45:08

DataFile Name :

033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1313.85	1316.70	1298.93	1309.83	0.73	ppb
Antimony	121-1	395.98	398.68	399.60	398.09	0.47	ppb
Arsenic	75-2	277.74	271.05	272.94	273.91	1.26	ppb
Barium	135-1	300.00	301.89	298.61	300.17	0.55	ppb
Barium	137-1	299.33	303.79	302.30	301.80	0.75	ppb
Beryllium	9-1	147.38	151.17	148.65	149.07	1.29	ppb
Bismuth	209-1				103		%
Bismuth	209-2				110		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	180.01	173.97	174.46	176.15	1.91	ppb
Cadmium	106-1	165.05	166.90	164.07	165.34	0.87	ppb
Cadmium	111-1	200.89	204.15	200.34	201.79	1.02	ppb
Calcium	43-1	96.82	81.94	89.84	89.53	8.32	ppb
Calcium	44-1	49.04	47.71	45.86	47.54	3.36	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	285.61	293.27	282.93	287.27	1.87	ppb
Cobalt	59-2	91.22	92.79	90.50	91.50	1.28	ppb
Copper	63-2	336.58	336.73	332.13	335.15	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				104		%
Holmium	165-2				109		%
Indium	115-1				103		%
Indium	115-2				107		%
Iron	56-2	797.20	806.76	787.30	797.09	1.22	ppb
Iron	57-2	689.48	708.51	687.11	695.04	1.69	ppb
Iron	54-2	1004.58	1014.54	1010.18	1009.77	0.49	ppb
Krypton	83-1						cps

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

P3847-02DLX2

Instrumnet Name :

P7

Client Sample ID :

PT-TM1-WP

Dilution Factor :

2

Date & Time Acquired :

2024-10-17 18:45:08

DataFile Name :

033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	425.12	440.81	445.49	437.14	2.44	ppb
Lead	207-1	407.16	423.32	425.09	418.52	2.36	ppb
Lead	208-1	438.82	457.06	459.26	451.72	2.48	ppb
Lithium	6-1				106		%
Magnesium	24-2	3.05	2.23	2.50	2.60	16.05	ppb
Manganese	55-2	320.00	324.63	320.53	321.72	0.79	ppb
Molybdenum	94-1	221.15	225.92	228.08	225.05	1.58	ppb
Molybdenum	95-1	263.91	268.38	270.92	267.74	1.33	ppb
Molybdenum	96-1	259.26	265.01	265.72	263.33	1.34	ppb
Molybdenum	97-1	263.44	271.56	272.77	269.26	1.88	ppb
Molybdenum	98-1	263.48	269.20	272.68	268.45	1.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	824.48	831.71	811.76	822.65	1.23	ppb
Phosphorus	31-2	-14.77	-23.20	-17.82	-18.59		ppb
Potassium	39-2	-7.54	-6.29	-12.02	-8.62		ppb
Rhodium	103-1				101		%
Rhodium	103-2				107		%
Scandium	45-1				103		%
Scandium	45-2				106		%
Selenium	82-1	243.16	245.39	250.68	246.41	1.57	ppb
Selenium	77-2	249.50	211.72	211.21	224.15	9.80	ppb
Selenium	78-2	227.24	230.20	228.68	228.70	0.65	ppb
Silicon	28-1	157.45	153.92	151.95	154.44	1.81	ppb
Silver	107-1	294.22	295.99	291.44	293.88	0.78	ppb
Silver	109-1	295.22	295.78	292.45	294.48	0.60	ppb
Sodium	23-2	86.41	85.54	83.21	85.05	1.95	ppb
Strontium	86-1	221.27	224.68	226.76	224.24	1.24	ppb
Strontium	88-1	224.70	226.69	229.81	227.06	1.14	ppb
Sulfur	34-1	-420.48	-849.79	-993.56	-754.61		ppb
Terbium	159-1				104		%
Terbium	159-2				109		%
Thallium	203-1	185.74	191.32	192.78	189.95	1.96	ppb
Thallium	205-1	208.29	213.67	211.67	211.21	1.29	ppb
Tin	118-1	0.24	0.25	0.25	0.25	3.79	ppb
Titanium	47-1	0.20	0.20	0.17	0.19	8.62	ppb

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

P3847-02DLX2

Instrumnet Name :

P7

Client Sample ID :

PT-TM1-WP

Dilution Factor :

2

Date & Time Acquired :

2024-10-17 18:45:08

DataFile Name :

033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	79.58	ppb
Vanadium	51-2	525.42	536.54	530.83	530.93	1.05	ppb
Yttrium	89-1				103		%
Yttrium	89-2				106		%
Zinc	66-2	312.68	312.57	306.64	310.63	1.11	ppb
Zirconium	90-1	0.16	0.17	0.17	0.17	4.13	ppb
Zirconium	91-1	0.22	0.25	0.25	0.24	8.18	ppb

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

P3847-04DLX2

Instrumnet Name :

P7

Client Sample ID :

PT-SNTI-WP

Dilution Factor :

2

Date & Time Acquired :

2024-10-17 18:48:27

DataFile Name :

034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39.24	38.89	36.96	38.36	3.20	ppb
Antimony	121-1	0.24	0.23	0.27	0.25	9.62	ppb
Arsenic	75-2	-0.01	0.07	0.06	0.04	116.92	ppb
Barium	135-1	0.12	0.13	0.12	0.12	5.80	ppb
Barium	137-1	0.15	0.13	0.14	0.14	4.94	ppb
Beryllium	9-1	0.21	0.15	0.12	0.16	27.36	ppb
Bismuth	209-1				104		%
Bismuth	209-2				111		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.03	0.12	0.07	0.07	62.71	ppb
Cadmium	106-1	0.04	-0.39	-1.60	-0.65		ppb
Cadmium	111-1	0.02	-0.02	-0.11	-0.04		ppb
Calcium	43-1	7.18	-0.30	3.80	3.56	105.37	ppb
Calcium	44-1	8.53	8.30	6.49	7.77	14.35	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.08	0.00	0.04	0.04	108.40	ppb
Cobalt	59-2	0.04	0.04	0.03	0.04	8.89	ppb
Copper	63-2	0.16	0.10	0.14	0.13	23.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				109		%
Indium	115-1				104		%
Indium	115-2				107		%
Iron	56-2	0.94	0.87	0.93	0.91	3.88	ppb
Iron	57-2	-3.00	-1.34	-0.42	-1.59		ppb
Iron	54-2	0.66	-0.03	1.06	0.57	97.15	ppb
Krypton	83-1						cps

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

P3847-04DLX2

Instrumnet Name :

P7

Client Sample ID :

PT-SNTI-WP

Dilution Factor :

2

Date & Time Acquired :

2024-10-17 18:48:27

DataFile Name :

034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.13	0.14	0.12	0.13	7.84	ppb
Lead	207-1	0.13	0.12	0.12	0.12	6.58	ppb
Lead	208-1	0.15	0.13	0.12	0.13	8.87	ppb
Lithium	6-1				106		%
Magnesium	24-2	1.90	2.56	2.34	2.27	14.78	ppb
Manganese	55-2	0.08	0.08	0.06	0.07	14.41	ppb
Molybdenum	94-1	1.60	1.49	1.53	1.54	3.55	ppb
Molybdenum	95-1	0.03	0.06	0.06	0.05	30.79	ppb
Molybdenum	96-1	0.22	0.20	0.17	0.20	11.20	ppb
Molybdenum	97-1	0.06	0.07	0.07	0.06	6.72	ppb
Molybdenum	98-1	0.06	0.04	0.06	0.05	23.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.15	0.04	0.09	0.09	56.67	ppb
Phosphorus	31-2	-16.02	-23.02	-21.46	-20.17		ppb
Potassium	39-2	-12.16	-11.67	-12.00	-11.95		ppb
Rhodium	103-1				104		%
Rhodium	103-2				109		%
Scandium	45-1				104		%
Scandium	45-2				108		%
Selenium	82-1	0.13	-0.03	0.38	0.16	130.43	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.51	-0.11	-0.26	-0.29		ppb
Silicon	28-1	926.03	928.52	927.49	927.34	0.13	ppb
Silver	107-1	0.07	0.07	0.05	0.06	20.28	ppb
Silver	109-1	0.09	0.05	0.05	0.06	34.43	ppb
Sodium	23-2	141.13	141.55	145.48	142.72	1.68	ppb
Strontium	86-1	0.07	0.05	0.08	0.07	29.60	ppb
Strontium	88-1	0.03	0.03	0.03	0.03	1.27	ppb
Sulfur	34-1	-1560.79	-1636.85	-1820.02	-1672.56		ppb
Terbium	159-1				107		%
Terbium	159-2				111		%
Thallium	203-1	0.04	0.04	0.03	0.04	11.68	ppb
Thallium	205-1	0.04	0.05	0.04	0.04	10.53	ppb
Tin	118-1	647.26	665.41	639.62	650.76	2.04	ppb
Titanium	47-1	48.06	48.57	48.45	48.36	0.56	ppb

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

P3847-04DLX2

Instrumnet Name :

P7

Client Sample ID :

PT-SNTI-WP

Dilution Factor :

2

Date & Time Acquired :

2024-10-17 18:48:27

DataFile Name :

034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	80.71	ppb
Vanadium	51-2	0.05	0.04	0.04	0.04	13.23	ppb
Yttrium	89-1				103		%
Yttrium	89-2				109		%
Zinc	66-2	0.24	0.24	0.19	0.22	11.80	ppb
Zirconium	90-1	0.79	0.82	0.84	0.82	2.97	ppb
Zirconium	91-1	0.82	0.85	0.81	0.82	2.94	ppb

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

P3847-06DLX5

Instrumnet Name :

P7

Client Sample ID :

PT-MIN2-WP

Dilution Factor :

5

Date & Time Acquired :

2024-10-17 18:51:49

DataFile Name :

035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.25	0.85	1.28	1.13	21.46	ppb
Antimony	121-1	0.06	0.06	0.08	0.06	15.46	ppb
Arsenic	75-2	-0.01	0.02	0.02	0.01	199.01	ppb
Barium	135-1	0.06	0.08	0.07	0.07	15.75	ppb
Barium	137-1	0.07	0.09	0.08	0.08	9.94	ppb
Beryllium	9-1	0.17	0.14	0.16	0.16	10.26	ppb
Bismuth	209-1				109		%
Bismuth	209-2				112		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.06	-0.02	0.07	-0.01		ppb
Cadmium	106-1	-0.94	0.68	-2.56	-0.94		ppb
Cadmium	111-1	-0.06	0.06	-0.19	-0.07		ppb
Calcium	43-1	14227.82	14206.72	14363.47	14266.00	0.60	ppb
Calcium	44-1	13332.10	13484.33	13749.76	13522.06	1.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.03	-0.03	-0.01	-0.03		ppb
Cobalt	59-2	0.02	0.02	0.01	0.02	22.97	ppb
Copper	63-2	-0.05	0.01	0.00	-0.01		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				112		%
Indium	115-1				109		%
Indium	115-2				111		%
Iron	56-2	0.22	0.22	0.16	0.20	18.12	ppb
Iron	57-2	76.53	72.04	73.59	74.05	3.08	ppb
Iron	54-2	-3.30	-0.87	-2.48	-2.22		ppb
Krypton	83-1						cps

LB Number : LB132992

Operator : Jaswal

Lab Sample ID : P3847-06DLX5

Instrumnet Name : P7

Client Sample ID : PT-MIN2-WP

Dilution Factor : 5

Date & Time Acquired : 2024-10-17 18:51:49

DataFile Name : 035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.12	0.07	0.07	0.09	28.92	ppb
Lead	207-1	0.10	0.08	0.09	0.09	8.97	ppb
Lead	208-1	0.11	0.09	0.09	0.09	12.35	ppb
Lithium	6-1				109		%
Magnesium	24-2	5690.89	5707.90	5722.95	5707.25	0.28	ppb
Manganese	55-2	0.04	0.04	0.02	0.03	33.34	ppb
Molybdenum	94-1	0.14	0.16	0.16	0.15	8.65	ppb
Molybdenum	95-1	0.16	0.17	0.16	0.16	4.07	ppb
Molybdenum	96-1	0.16	0.18	0.18	0.17	8.34	ppb
Molybdenum	97-1	0.14	0.20	0.20	0.18	19.90	ppb
Molybdenum	98-1	0.16	0.17	0.16	0.16	4.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	0.01	0.00	0.00		ppb
Phosphorus	31-2	-19.46	-18.63	-18.44	-18.84		ppb
Potassium	39-2	4582.05	4585.86	4604.72	4590.87	0.26	ppb
Rhodium	103-1				106		%
Rhodium	103-2				110		%
Scandium	45-1				109		%
Scandium	45-2				111		%
Selenium	82-1	0.38	-0.22	-0.05	0.04	785.60	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.40	1.29	0.52	0.47	181.37	ppb
Silicon	28-1	-18.44	-19.00	-16.55	-18.00		ppb
Silver	107-1	0.02	0.01	0.01	0.01	31.71	ppb
Silver	109-1	0.01	0.02	0.01	0.01	25.23	ppb
Sodium	23-2	16855.42	17009.54	17062.55	16975.84	0.63	ppb
Strontium	86-1	1.48	1.40	1.39	1.42	3.35	ppb
Strontium	88-1	1.38	1.35	1.34	1.36	1.34	ppb
Sulfur	34-1	-1678.66	-1525.19	-1357.69	-1520.51		ppb
Terbium	159-1				111		%
Terbium	159-2				112		%
Thallium	203-1	0.03	0.03	0.02	0.03	14.23	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	2.74	ppb
Tin	118-1	0.11	0.12	0.15	0.13	17.82	ppb
Titanium	47-1	0.01	0.03	0.09	0.04	96.58	ppb

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

P3847-06DLX5

Instrumnet Name :

P7

Client Sample ID :

PT-MIN2-WP

Dilution Factor :

5

Date & Time Acquired :

2024-10-17 18:51:49

DataFile Name :

035SMPL.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	0.01	0.01	0.01	47.47	ppb
Yttrium	89-1				109		%
Yttrium	89-2				111		%
Zinc	66-2	0.03	0.19	-0.04	0.06	206.40	ppb
Zirconium	90-1	0.01	0.00	0.00	0.00	128.49	ppb
Zirconium	91-1	-0.01	0.01	0.00	0.00	2009.37	ppb

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

CCV089

Instrumnet Name :

P7

Client Sample ID :

CCV089

Dilution Factor :

1

Date & Time Acquired :

2024-10-17 18:55:08

DataFile Name :

036CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47877.20	48054.39	48654.70	48195.43	0.85	ppb
Antimony	121-1	464.21	483.75	493.21	480.39	3.08	ppb
Arsenic	75-2	456.26	450.02	453.42	453.23	0.69	ppb
Barium	135-1	2383.24	2420.18	2498.95	2434.12	2.43	ppb
Barium	137-1	2343.69	2411.62	2452.50	2402.61	2.29	ppb
Beryllium	9-1	474.18	482.42	492.73	483.11	1.92	ppb
Bismuth	209-1				94		%
Bismuth	209-2				88		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	460.62	479.02	479.20	472.95	2.26	ppb
Cadmium	106-1	456.42	473.74	472.32	467.50	2.06	ppb
Cadmium	111-1	450.76	468.78	473.64	464.39	2.60	ppb
Calcium	43-1	236714.37	241380.58	256072.75	244722.57	4.13	ppb
Calcium	44-1	234237.84	241570.15	251629.92	242479.30	3.60	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	469.02	458.25	464.60	463.95	1.17	ppb
Cobalt	59-2	495.19	492.36	492.64	493.40	0.32	ppb
Copper	63-2	4900.00	4754.81	4869.45	4841.42	1.58	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				95		%
Indium	115-2				97		%
Iron	56-2	123881.96	123512.61	124641.08	124011.88	0.46	ppb
Iron	57-2	125492.67	124865.83	126193.73	125517.41	0.53	ppb
Iron	54-2	124228.99	123127.50	125135.30	124163.93	0.81	ppb
Krypton	83-1						cps

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

CCV089

Instrumnet Name :

P7

Client Sample ID :

CCV089

Dilution Factor :

1

Date & Time Acquired :

2024-10-17 18:55:08

DataFile Name :

036CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2391.13	2443.50	2480.61	2438.41	1.84	ppb
Lead	207-1	2382.11	2452.47	2482.63	2439.07	2.11	ppb
Lead	208-1	2385.50	2449.30	2498.96	2444.59	2.33	ppb
Lithium	6-1				99		%
Magnesium	24-2	239560.13	237775.19	240908.81	239414.71	0.66	ppb
Manganese	55-2	4530.45	4526.46	4583.42	4546.77	0.70	ppb
Molybdenum	94-1	5223.74	5265.53	5294.06	5261.11	0.67	ppb
Molybdenum	95-1	5217.69	5310.29	5245.14	5257.70	0.90	ppb
Molybdenum	96-1	5173.12	5342.11	5284.16	5266.46	1.63	ppb
Molybdenum	97-1	5198.53	5322.57	5342.32	5287.81	1.47	ppb
Molybdenum	98-1	5173.36	5275.71	5300.05	5249.71	1.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	487.20	484.44	486.08	485.91	0.29	ppb
Phosphorus	31-2	9287.16	9080.57	9077.04	9148.25	1.32	ppb
Potassium	39-2	120707.55	120379.76	121832.36	120973.22	0.63	ppb
Rhodium	103-1				91		%
Rhodium	103-2				94		%
Scandium	45-1				99		%
Scandium	45-2				102		%
Selenium	82-1	450.16	465.47	465.53	460.39	1.92	ppb
Selenium	77-2	437.57	425.71	451.60	438.29	2.96	ppb
Selenium	78-2	449.91	442.68	450.74	447.78	0.99	ppb
Silicon	28-1	479.98	496.20	527.23	501.14	4.79	ppb
Silver	107-1	453.61	463.61	474.02	463.75	2.20	ppb
Silver	109-1	456.57	477.91	471.80	468.76	2.34	ppb
Sodium	23-2	244673.01	243250.62	241653.41	243192.35	0.62	ppb
Strontium	86-1	11740.78	11898.30	12164.44	11934.51	1.79	ppb
Strontium	88-1	11742.53	12009.98	12073.15	11941.89	1.47	ppb
Sulfur	34-1	8595.12	9177.85	9862.04	9211.67	6.88	ppb
Terbium	159-1				103		%
Terbium	159-2				107		%
Thallium	203-1	472.05	493.15	500.20	488.47	3.00	ppb
Thallium	205-1	485.31	488.50	501.71	491.84	1.77	ppb
Tin	118-1	486.78	496.00	501.92	494.90	1.54	ppb
Titanium	47-1	5162.59	5279.98	5517.89	5320.15	3.40	ppb

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

CCV089

Instrumnet Name :

P7

Client Sample ID :

CCV089

Dilution Factor :

1

Date & Time Acquired :

2024-10-17 18:55:08

DataFile Name :

036CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	490.00	505.13	507.00	500.71	1.86	ppb
Vanadium	51-2	458.09	453.11	458.09	456.43	0.63	ppb
Yttrium	89-1				100		%
Yttrium	89-2				102		%
Zinc	66-2	4779.36	4751.38	4779.71	4770.15	0.34	ppb
Zirconium	90-1	471.90	483.91	487.99	481.27	1.74	ppb
Zirconium	91-1	476.00	483.39	485.56	481.65	1.04	ppb

LB Number :LB132992Operator :Jaswal

Lab Sample ID :CCB089Instrumnet Name :P7

Client Sample ID :CCB089Dilution Factor :1

Date & Time Acquired :2024-10-17 18:58:04DataFile Name :037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.03	1.91	0.92	1.29	42.45	ppb
Antimony	121-1	0.36	0.34	0.43	0.38	12.37	ppb
Arsenic	75-2	0.06	0.11	0.06	0.08	41.85	ppb
Barium	135-1	0.14	0.08	0.05	0.09	47.39	ppb
Barium	137-1	0.14	0.07	0.08	0.10	39.69	ppb
Beryllium	9-1	0.36	0.34	0.26	0.32	15.88	ppb
Bismuth	209-1				105		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.07	-0.02	0.07	0.04	123.12	ppb
Cadmium	106-1	0.68	-1.61	1.05	0.04	3555.71	ppb
Cadmium	111-1	0.06	-0.08	0.12	0.03	318.74	ppb
Calcium	43-1	6.76	7.01	3.98	5.92	28.47	ppb
Calcium	44-1	12.40	7.54	5.86	8.60	39.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.04	0.03	0.00	0.02	80.51	ppb
Cobalt	59-2	0.04	0.04	0.04	0.04	10.00	ppb
Copper	63-2	0.22	0.33	0.29	0.28	20.79	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				104		%
Indium	115-2				102		%
Iron	56-2	5.24	6.36	5.10	5.57	12.38	ppb
Iron	57-2	1.27	2.34	0.88	1.49	50.54	ppb
Iron	54-2	3.69	6.28	4.61	4.86	26.96	ppb
Krypton	83-1						cps

LB Number : LB132992 Operator : Jaswal
Lab Sample ID : CCB089 Instrumnet Name : P7
Client Sample ID : CCB089 Dilution Factor : 1
Date & Time Acquired : 2024-10-17 18:58:04 DataFile Name : 037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.25	0.22	0.17	0.22	17.75	ppb
Lead	207-1	0.22	0.19	0.18	0.20	12.76	ppb
Lead	208-1	0.26	0.21	0.19	0.22	16.80	ppb
Lithium	6-1				105		%
Magnesium	24-2	8.84	11.58	9.38	9.93	14.61	ppb
Manganese	55-2	0.18	0.22	0.19	0.20	9.54	ppb
Molybdenum	94-1	0.66	0.50	0.47	0.55	18.58	ppb
Molybdenum	95-1	0.45	0.39	0.31	0.39	18.31	ppb
Molybdenum	96-1	0.50	0.37	0.37	0.41	17.85	ppb
Molybdenum	97-1	0.39	0.37	0.32	0.36	10.10	ppb
Molybdenum	98-1	0.43	0.36	0.30	0.37	18.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.02	-0.04	-0.02		ppb
Phosphorus	31-2	-16.99	-12.88	-22.44	-17.44		ppb
Potassium	39-2	2.90	36.86	-2.05	12.57	168.56	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				102		%
Selenium	82-1	0.10	0.36	0.05	0.17	97.83	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.38	1.56	-0.38	0.85	125.20	ppb
Silicon	28-1	-11.49	-13.38	-11.65	-12.18		ppb
Silver	107-1	0.08	0.06	0.05	0.06	26.41	ppb
Silver	109-1	0.06	0.05	0.04	0.05	20.13	ppb
Sodium	23-2	68.43	83.95	64.71	72.36	14.10	ppb
Strontium	86-1	0.64	0.42	0.33	0.46	33.76	ppb
Strontium	88-1	0.60	0.43	0.36	0.46	27.06	ppb
Sulfur	34-1	-962.50	-1183.93	-1108.00	-1084.81		ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	0.07	0.07	0.06	0.07	10.18	ppb
Thallium	205-1	0.08	0.06	0.05	0.06	22.24	ppb
Tin	118-1	0.09	0.16	0.15	0.13	29.74	ppb
Titanium	47-1	0.41	0.26	0.26	0.31	27.91	ppb

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

CCB089

Instrumnet Name :

P7

Client Sample ID :

CCB089

Dilution Factor :

1

Date & Time Acquired :

2024-10-17 18:58:04

DataFile Name :

037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.02	0.01	0.02	33.42	ppb
Vanadium	51-2	0.01	0.01	0.02	0.02	37.31	ppb
Yttrium	89-1				103		%
Yttrium	89-2				101		%
Zinc	66-2	0.40	0.40	0.28	0.36	18.85	ppb
Zirconium	90-1	0.11	0.10	0.10	0.10	6.52	ppb
Zirconium	91-1	0.11	0.12	0.11	0.11	2.37	ppb

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

P3846-02DLX2

Instrumnet Name :

P7

Client Sample ID :

PT-TM1-WP

Dilution Factor :

2

Date & Time Acquired :

2024-10-17 19:01:26

DataFile Name :

038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1268.68	1330.40	1251.88	1283.65	3.22	ppb
Antimony	121-1	387.89	397.85	399.18	394.98	1.56	ppb
Arsenic	75-2	270.88	276.71	263.54	270.38	2.44	ppb
Barium	135-1	296.20	300.61	303.31	300.04	1.20	ppb
Barium	137-1	295.24	301.81	303.64	300.23	1.47	ppb
Beryllium	9-1	146.33	148.89	150.21	148.48	1.33	ppb
Bismuth	209-1				108		%
Bismuth	209-2				113		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	173.20	179.62	176.76	176.53	1.82	ppb
Cadmium	106-1	166.43	166.72	170.77	167.97	1.44	ppb
Cadmium	111-1	199.78	203.96	204.42	202.72	1.26	ppb
Calcium	43-1	127.71	88.79	96.88	104.46	19.66	ppb
Calcium	44-1	80.30	45.43	44.38	56.70	36.05	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	281.94	295.81	279.31	285.69	3.10	ppb
Cobalt	59-2	90.29	92.88	88.16	90.44	2.61	ppb
Copper	63-2	328.76	342.01	322.78	331.18	2.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				111		%
Indium	115-1				106		%
Indium	115-2				110		%
Iron	56-2	784.59	823.07	768.87	792.18	3.52	ppb
Iron	57-2	701.39	694.41	651.23	682.34	3.98	ppb
Iron	54-2	989.36	1024.30	953.44	989.03	3.58	ppb
Krypton	83-1						cps

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

P3846-02DLX2

Instrumnet Name :

P7

Client Sample ID :

PT-TM1-WP

Dilution Factor :

2

Date & Time Acquired :

2024-10-17 19:01:26

DataFile Name :

038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	426.96	426.26	427.03	426.75	0.10	ppb
Lead	207-1	410.42	407.72	411.74	409.96	0.50	ppb
Lead	208-1	444.63	445.01	440.93	443.53	0.51	ppb
Lithium	6-1				108		%
Magnesium	24-2	2.46	3.18	1.29	2.31	41.26	ppb
Manganese	55-2	312.45	327.95	311.48	317.29	2.91	ppb
Molybdenum	94-1	219.22	226.64	223.14	223.00	1.66	ppb
Molybdenum	95-1	264.22	271.33	265.04	266.86	1.46	ppb
Molybdenum	96-1	260.48	266.98	260.07	262.51	1.48	ppb
Molybdenum	97-1	268.09	274.38	268.43	270.30	1.31	ppb
Molybdenum	98-1	261.55	270.17	263.65	265.12	1.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	804.43	841.44	796.45	814.10	2.95	ppb
Phosphorus	31-2	-6.58	-7.42	-13.82	-9.27		ppb
Potassium	39-2	-12.76	-10.04	-17.64	-13.48		ppb
Rhodium	103-1				104		%
Rhodium	103-2				110		%
Scandium	45-1				105		%
Scandium	45-2				109		%
Selenium	82-1	241.64	249.79	238.17	243.20	2.45	ppb
Selenium	77-2	215.19	257.70	243.45	238.78	9.06	ppb
Selenium	78-2	224.28	245.88	225.97	232.04	5.18	ppb
Silicon	28-1	145.30	148.64	152.09	148.68	2.28	ppb
Silver	107-1	287.92	294.76	295.31	292.67	1.41	ppb
Silver	109-1	287.70	294.88	293.99	292.19	1.34	ppb
Sodium	23-2	69.63	71.89	65.77	69.09	4.48	ppb
Strontium	86-1	221.11	227.82	221.76	223.56	1.66	ppb
Strontium	88-1	222.17	229.73	226.71	226.20	1.68	ppb
Sulfur	34-1	-1317.49	-1494.14	-1543.60	-1451.75		ppb
Terbium	159-1				107		%
Terbium	159-2				111		%
Thallium	203-1	185.64	185.85	185.44	185.64	0.11	ppb
Thallium	205-1	207.92	206.96	203.99	206.29	0.99	ppb
Tin	118-1	0.19	0.19	0.22	0.20	7.43	ppb
Titanium	47-1	0.74	0.25	0.22	0.40	72.95	ppb

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

P3846-02DLX2

Instrumnet Name :

P7

Client Sample ID :

PT-TM1-WP

Dilution Factor :

2

Date & Time Acquired :

2024-10-17 19:01:26

DataFile Name :

038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	45.59	ppb
Vanadium	51-2	516.52	544.58	515.65	525.58	3.13	ppb
Yttrium	89-1				105		%
Yttrium	89-2				110		%
Zinc	66-2	306.87	321.99	302.36	310.41	3.31	ppb
Zirconium	90-1	0.23	0.23	0.22	0.23	2.30	ppb
Zirconium	91-1	0.27	0.26	0.30	0.28	7.34	ppb

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

P3846-04DLX2

Instrumnet Name :

P7

Client Sample ID :

PT-SNTI-WP

Dilution Factor :

2

Date & Time Acquired :

2024-10-17 19:04:46

DataFile Name :

039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36.11	36.98	37.27	36.79	1.64	ppb
Antimony	121-1	0.23	0.25	0.26	0.25	5.56	ppb
Arsenic	75-2	0.02	0.11	0.00	0.04	124.17	ppb
Barium	135-1	0.12	0.16	0.13	0.14	16.02	ppb
Barium	137-1	0.10	0.14	0.13	0.12	15.23	ppb
Beryllium	9-1	0.22	0.20	0.14	0.19	21.84	ppb
Bismuth	209-1				106		%
Bismuth	209-2				111		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.02	0.07	-0.06	0.00		ppb
Cadmium	106-1	-1.05	-0.91	-1.59	-1.18		ppb
Cadmium	111-1	-0.06	-0.06	-0.10	-0.07		ppb
Calcium	43-1	0.90	1.82	4.91	2.54	82.78	ppb
Calcium	44-1	7.30	8.24	6.68	7.41	10.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	0.04	0.01	0.02	52.91	ppb
Cobalt	59-2	0.04	0.03	0.03	0.03	9.62	ppb
Copper	63-2	0.04	0.08	0.17	0.09	70.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				109		%
Indium	115-1				105		%
Indium	115-2				107		%
Iron	56-2	1.19	1.56	1.41	1.39	13.38	ppb
Iron	57-2	-3.60	-2.26	-0.27	-2.05		ppb
Iron	54-2	-0.76	0.61	1.10	0.32	301.25	ppb
Krypton	83-1						cps

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

P3846-04DLX2

Instrumnet Name :

P7

Client Sample ID :

PT-SNTI-WP

Dilution Factor :

2

Date & Time Acquired :

2024-10-17 19:04:46

DataFile Name :

039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.15	0.15	0.17	0.16	6.44	ppb
Lead	207-1	0.15	0.12	0.12	0.13	14.39	ppb
Lead	208-1	0.15	0.14	0.15	0.14	3.89	ppb
Lithium	6-1				108		%
Magnesium	24-2	2.40	2.06	2.62	2.36	11.86	ppb
Manganese	55-2	0.04	0.08	0.06	0.06	27.97	ppb
Molybdenum	94-1	1.63	1.49	1.55	1.56	4.57	ppb
Molybdenum	95-1	0.08	0.06	0.06	0.07	16.31	ppb
Molybdenum	96-1	0.21	0.24	0.23	0.23	7.27	ppb
Molybdenum	97-1	0.06	0.05	0.06	0.06	12.53	ppb
Molybdenum	98-1	0.05	0.07	0.06	0.06	14.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.13	0.16	0.07	0.12	35.95	ppb
Phosphorus	31-2	-11.58	-20.04	-16.80	-16.14		ppb
Potassium	39-2	-17.18	-9.58	-14.22	-13.66		ppb
Rhodium	103-1				104		%
Rhodium	103-2				109		%
Scandium	45-1				106		%
Scandium	45-2				109		%
Selenium	82-1	-0.03	0.51	0.16	0.21	126.15	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.88	0.35	1.37	0.87	59.15	ppb
Silicon	28-1	918.61	949.42	922.83	930.29	1.80	ppb
Silver	107-1	0.07	0.06	0.05	0.06	20.11	ppb
Silver	109-1	0.08	0.05	0.05	0.06	32.96	ppb
Sodium	23-2	137.89	142.14	137.51	139.18	1.85	ppb
Strontium	86-1	0.06	0.04	0.04	0.04	25.19	ppb
Strontium	88-1	0.06	0.04	0.05	0.05	18.75	ppb
Sulfur	34-1	-1757.33	-1560.19	-1817.57	-1711.70		ppb
Terbium	159-1				108		%
Terbium	159-2				112		%
Thallium	203-1	0.06	0.04	0.04	0.05	23.41	ppb
Thallium	205-1	0.05	0.04	0.04	0.05	7.80	ppb
Tin	118-1	643.52	659.82	660.82	654.72	1.48	ppb
Titanium	47-1	48.92	50.75	49.71	49.80	1.84	ppb

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

P3846-04DLX2

Instrumnet Name :

P7

Client Sample ID :

PT-SNTI-WP

Dilution Factor :

2

Date & Time Acquired :

2024-10-17 19:04:46

DataFile Name :

039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	134.87	ppb
Vanadium	51-2	0.03	0.02	0.04	0.03	25.13	ppb
Yttrium	89-1				106		%
Yttrium	89-2				110		%
Zinc	66-2	0.19	0.34	0.33	0.29	29.68	ppb
Zirconium	90-1	0.86	0.83	0.86	0.85	1.92	ppb
Zirconium	91-1	0.79	0.84	0.82	0.82	3.00	ppb

LB Number : LB132992 Operator : Jaswal
Lab Sample ID : P3846-06DLX2 Instrumnet Name : P7
Client Sample ID : PT-MIN2-WP Dilution Factor : 2
Date & Time Acquired : 2024-10-17 19:08:06 DataFile Name : 040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.64	0.15	0.35	0.38	65.54	ppb
Antimony	121-1	0.06	0.06	0.07	0.07	10.05	ppb
Arsenic	75-2	0.02	0.00	0.02	0.01	68.26	ppb
Barium	135-1	0.14	0.12	0.12	0.13	5.43	ppb
Barium	137-1	0.11	0.14	0.14	0.13	13.55	ppb
Beryllium	9-1	0.15	0.11	0.08	0.11	28.89	ppb
Bismuth	209-1				116		%
Bismuth	209-2				119		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.01	-0.02	0.14	0.04	195.52	ppb
Cadmium	106-1	-1.15	-0.91	-0.85	-0.97		ppb
Cadmium	111-1	-0.07	-0.04	-0.07	-0.06		ppb
Calcium	43-1	34106.70	35350.42	35369.01	34942.04	2.07	ppb
Calcium	44-1	32484.44	33093.12	34059.06	33212.20	2.39	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.03	-0.04	-0.06	-0.04		ppb
Cobalt	59-2	0.02	0.03	0.04	0.03	24.09	ppb
Copper	63-2	0.02	0.02	0.01	0.02	39.93	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				120		%
Holmium	165-2				121		%
Indium	115-1				118		%
Indium	115-2				117		%
Iron	56-2	0.44	0.19	0.32	0.32	40.59	ppb
Iron	57-2	179.67	175.90	198.68	184.75	6.61	ppb
Iron	54-2	-3.72	-3.91	-3.84	-3.82		ppb
Krypton	83-1						cps

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

P3846-06DLX2

Instrumnet Name :

P7

Client Sample ID :

PT-MIN2-WP

Dilution Factor :

2

Date & Time Acquired :

2024-10-17 19:08:06

DataFile Name :

040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.21	0.21	0.19	0.20	5.05	ppb
Lead	207-1	0.21	0.18	0.17	0.19	10.62	ppb
Lead	208-1	0.19	0.20	0.19	0.19	2.51	ppb
Lithium	6-1				121		%
Magnesium	24-2	13685.84	13478.78	13252.84	13472.49	1.61	ppb
Manganese	55-2	0.09	0.07	0.08	0.08	10.70	ppb
Molybdenum	94-1	0.32	0.30	0.32	0.32	3.79	ppb
Molybdenum	95-1	0.40	0.40	0.35	0.38	7.99	ppb
Molybdenum	96-1	0.40	0.40	0.40	0.40	1.23	ppb
Molybdenum	97-1	0.41	0.40	0.49	0.44	11.20	ppb
Molybdenum	98-1	0.38	0.42	0.41	0.40	4.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.03	0.04	0.03	19.00	ppb
Phosphorus	31-2	-17.54	-16.42	-19.44	-17.80		ppb
Potassium	39-2	10721.28	10494.98	10551.15	10589.14	1.11	ppb
Rhodium	103-1				114		%
Rhodium	103-2				117		%
Scandium	45-1				119		%
Scandium	45-2				119		%
Selenium	82-1	0.56	0.14	0.33	0.34	61.33	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.43	-0.56	-0.79	-0.31		ppb
Silicon	28-1	-30.96	-28.37	-26.88	-28.74		ppb
Silver	107-1	0.01	0.01	0.01	0.01	15.63	ppb
Silver	109-1	0.01	0.01	0.01	0.01	18.62	ppb
Sodium	23-2	41356.02	41403.62	41438.70	41399.44	0.10	ppb
Strontium	86-1	3.43	3.46	3.37	3.42	1.34	ppb
Strontium	88-1	3.38	3.42	3.41	3.40	0.66	ppb
Sulfur	34-1	-2648.44	-2139.13	-1754.63	-2180.73		ppb
Terbium	159-1				120		%
Terbium	159-2				121		%
Thallium	203-1	0.06	0.05	0.04	0.05	17.09	ppb
Thallium	205-1	0.06	0.04	0.03	0.04	29.06	ppb
Tin	118-1	0.04	0.06	0.09	0.06	41.95	ppb
Titanium	47-1	-0.01	0.03	0.09	0.04	138.04	ppb

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

P3846-06DLX2

Instrumnet Name :

P7

Client Sample ID :

PT-MIN2-WP

Dilution Factor :

2

Date & Time Acquired :

2024-10-17 19:08:06

DataFile Name :

040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	46.17	ppb
Vanadium	51-2	0.00	0.01	0.01	0.01	36.60	ppb
Yttrium	89-1				118		%
Yttrium	89-2				118		%
Zinc	66-2	0.24	0.26	0.33	0.28	17.20	ppb
Zirconium	90-1	0.00	0.00	-0.01	0.00		ppb
Zirconium	91-1	0.00	-0.01	0.01	0.00		ppb

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

PB164203BL

Instrumnet Name :

P7

Client Sample ID :

PBW203

Dilution Factor :

1

Date & Time Acquired :

2024-10-17 19:16:39

DataFile Name :

041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.18	-0.02	-0.13	-0.11		ppb
Antimony	121-1	0.03	0.03	0.04	0.03	17.15	ppb
Arsenic	75-2	-0.01	0.00	0.02	0.00	369.92	ppb
Barium	135-1	0.00	-0.01	0.00	0.00		ppb
Barium	137-1	0.00	-0.01	0.01	0.00	2817.00	ppb
Beryllium	9-1	0.10	0.14	0.11	0.12	17.48	ppb
Bismuth	209-1				107		%
Bismuth	209-2				111		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.06	0.03	-0.02	-0.02		ppb
Cadmium	106-1	-1.36	-2.70	-1.12	-1.73		ppb
Cadmium	111-1	-0.09	-0.21	-0.08	-0.13		ppb
Calcium	43-1	-2.76	0.34	-1.38	-1.27		ppb
Calcium	44-1	0.20	-0.17	-1.41	-0.46		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.03	-0.02	-0.02	-0.02		ppb
Cobalt	59-2	0.00	0.00	0.01	0.00	206.93	ppb
Copper	63-2	0.04	-0.01	0.00	0.01	270.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				109		%
Indium	115-1				105		%
Indium	115-2				107		%
Iron	56-2	0.10	0.03	-0.01	0.04	143.73	ppb
Iron	57-2	-4.70	-4.86	-3.81	-4.46		ppb
Iron	54-2	-2.38	-0.60	1.06	-0.64		ppb
Krypton	83-1						cps

LB Number : LB132992 Operator : Jaswal
Lab Sample ID : PB164203BL Instrumnet Name : P7
Client Sample ID : PBW203 Dilution Factor : 1
Date & Time Acquired : 2024-10-17 19:16:39 DataFile Name : 041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.06	0.07	0.04	0.06	28.56	ppb
Lead	207-1	0.05	0.04	0.05	0.05	9.26	ppb
Lead	208-1	0.05	0.05	0.04	0.05	9.66	ppb
Lithium	6-1				105		%
Magnesium	24-2	1.57	2.51	2.46	2.18	24.40	ppb
Manganese	55-2	-0.01	-0.02	-0.01	-0.01		ppb
Molybdenum	94-1	0.03	0.01	0.03	0.02	43.30	ppb
Molybdenum	95-1	0.01	0.02	0.02	0.02	59.27	ppb
Molybdenum	96-1	0.02	0.01	0.01	0.01	5.90	ppb
Molybdenum	97-1	0.02	0.01	0.03	0.02	42.88	ppb
Molybdenum	98-1	0.02	0.02	0.01	0.02	28.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.05	-0.03	-0.03		ppb
Phosphorus	31-2	-13.44	-15.65	-22.11	-17.06		ppb
Potassium	39-2	-19.45	-11.85	-13.70	-15.00		ppb
Rhodium	103-1				105		%
Rhodium	103-2				108		%
Scandium	45-1				105		%
Scandium	45-2				107		%
Selenium	82-1	-0.44	-0.32	0.59	-0.06		ppb
Selenium	77-2	0.00	1.17	0.00	0.39	173.21	ppb
Selenium	78-2	-0.76	-0.24	-1.59	-0.86		ppb
Silicon	28-1	-15.16	-13.76	-12.07	-13.66		ppb
Silver	107-1	0.01	0.01	0.01	0.01	29.71	ppb
Silver	109-1	0.01	0.01	0.01	0.01	12.82	ppb
Sodium	23-2	23.75	25.02	25.25	24.68	3.27	ppb
Strontium	86-1	-0.01	0.03	-0.02	0.00	37314.30	ppb
Strontium	88-1	0.01	0.00	0.00	0.00	42.44	ppb
Sulfur	34-1	-929.50	-641.00	-816.71	-795.74		ppb
Terbium	159-1				106		%
Terbium	159-2				109		%
Thallium	203-1	0.03	0.02	0.02	0.02	17.09	ppb
Thallium	205-1	0.03	0.02	0.02	0.02	13.84	ppb
Tin	118-1	0.01	0.02	0.05	0.03	86.64	ppb
Titanium	47-1	0.01	0.05	0.03	0.03	70.42	ppb

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

PB164203BL

Instrumnet Name :

P7

Client Sample ID :

PBW203

Dilution Factor :

1

Date & Time Acquired :

2024-10-17 19:16:39

DataFile Name :

041CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	6.53	ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	157.41	ppb
Yttrium	89-1				104		%
Yttrium	89-2				107		%
Zinc	66-2	-0.02	-0.07	0.08	0.00		ppb
Zirconium	90-1	0.01	0.00	0.02	0.01	114.84	ppb
Zirconium	91-1	0.03	0.01	0.02	0.02	67.63	ppb

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

PB164203BS

Instrumnet Name :

P7

Client Sample ID :

LCS203

Dilution Factor :

1

Date & Time Acquired :

2024-10-17 19:20:02

DataFile Name :

042LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10104.33	10101.57	10047.66	10084.52	0.32	ppb
Antimony	121-1	518.66	624.94	511.21	551.60	11.53	ppb
Arsenic	75-2	476.32	481.69	480.50	479.50	0.59	ppb
Barium	135-1	2606.15	3084.88	2524.52	2738.52	11.05	ppb
Barium	137-1	2539.46	3035.23	2507.38	2694.02	10.98	ppb
Beryllium	9-1	495.85	595.37	490.06	527.10	11.23	ppb
Bismuth	209-1				96		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	508.33	616.92	504.45	543.23	11.75	ppb
Cadmium	106-1	508.03	610.93	503.40	540.79	11.24	ppb
Cadmium	111-1	515.67	619.61	507.53	547.60	11.41	ppb
Calcium	43-1	56014.81	70276.84	56038.19	60776.62	13.54	ppb
Calcium	44-1	51930.28	64272.61	51865.23	56022.70	12.75	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	489.91	492.37	486.18	489.49	0.64	ppb
Cobalt	59-2	486.02	487.09	483.49	485.53	0.38	ppb
Copper	63-2	4899.21	4936.27	4861.20	4898.89	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				101		%
Holmium	165-2				110		%
Indium	115-1				95		%
Indium	115-2				104		%
Iron	56-2	26475.14	26663.58	26363.86	26500.86	0.57	ppb
Iron	57-2	27590.88	27742.61	27492.08	27608.52	0.46	ppb
Iron	54-2	26836.20	26764.55	27321.85	26974.20	1.12	ppb
Krypton	83-1						cps

LB Number :LB132992Operator :Jaswal

Lab Sample ID :PB164203BSInstrumnet Name :P7

Client Sample ID :LCS203Dilution Factor :1

Date & Time Acquired :2024-10-17 19:20:02DataFile Name :042LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2507.29	3074.06	2486.63	2689.33	12.40	ppb
Lead	207-1	2489.55	3044.30	2492.39	2675.41	11.94	ppb
Lead	208-1	2497.01	3049.18	2486.16	2677.45	12.03	ppb
Lithium	6-1				97		%
Magnesium	24-2	47431.11	48182.67	47333.76	47649.18	0.97	ppb
Manganese	55-2	4821.42	4811.97	4758.48	4797.29	0.71	ppb
Molybdenum	94-1	5477.22	6869.39	5392.02	5912.88	14.03	ppb
Molybdenum	95-1	5432.19	6769.00	5423.03	5874.74	13.18	ppb
Molybdenum	96-1	5446.31	6930.24	5408.54	5928.36	14.64	ppb
Molybdenum	97-1	5461.06	6943.85	5463.89	5956.27	14.36	ppb
Molybdenum	98-1	5463.39	6813.28	5407.59	5894.75	13.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	483.40	488.93	481.28	484.54	0.82	ppb
Phosphorus	31-2	9629.11	9636.88	9672.39	9646.13	0.24	ppb
Potassium	39-2	25469.25	25223.91	25208.40	25300.52	0.58	ppb
Rhodium	103-1				94		%
Rhodium	103-2				103		%
Scandium	45-1				97		%
Scandium	45-2				105		%
Selenium	82-1	504.91	619.05	505.80	543.26	12.08	ppb
Selenium	77-2	490.44	482.55	471.19	481.39	2.01	ppb
Selenium	78-2	480.52	493.63	466.59	480.25	2.82	ppb
Silicon	28-1	501.03	654.50	509.48	555.00	15.54	ppb
Silver	107-1	526.28	627.19	517.34	556.94	10.95	ppb
Silver	109-1	539.61	636.22	521.33	565.72	10.91	ppb
Sodium	23-2	50688.49	51106.78	50521.25	50772.17	0.59	ppb
Strontium	86-1	12475.30	15316.04	12397.05	13396.13	12.42	ppb
Strontium	88-1	12418.41	15289.95	12370.60	13359.65	12.51	ppb
Sulfur	34-1	9238.11	13365.62	9032.10	10545.27	23.18	ppb
Terbium	159-1				100		%
Terbium	159-2				110		%
Thallium	203-1	500.48	608.09	503.74	537.44	11.39	ppb
Thallium	205-1	500.80	610.85	497.39	536.34	12.03	ppb
Tin	118-1	516.11	622.95	501.45	546.84	12.13	ppb
Titanium	47-1	5467.50	6791.35	5441.97	5900.27	13.08	ppb

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

PB164203BS

Instrumnet Name :

P7

Client Sample ID :

LCS203

Dilution Factor :

1

Date & Time Acquired :

2024-10-17 19:20:02

DataFile Name :

042LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	498.46	599.91	485.77	528.05	11.85	ppb
Vanadium	51-2	478.27	479.66	471.04	476.32	0.97	ppb
Yttrium	89-1				97		%
Yttrium	89-2				106		%
Zinc	66-2	4846.39	4839.31	4819.50	4835.07	0.29	ppb
Zirconium	90-1	489.13	614.55	495.41	533.03	13.26	ppb
Zirconium	91-1	495.81	624.16	494.13	538.04	13.86	ppb

LB Number :LB132992Operator :Jaswal

Lab Sample ID :PB164204BLInstrumnet Name :P7

Client Sample ID :PBW204Dilution Factor :1

Date & Time Acquired :2024-10-17 19:22:59DataFile Name :043CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.03	0.27	0.13	0.12	120.78	ppb
Antimony	121-1	0.32	0.30	0.35	0.32	9.11	ppb
Arsenic	75-2	0.02	0.07	0.02	0.04	75.87	ppb
Barium	135-1	0.11	0.06	0.06	0.08	40.53	ppb
Barium	137-1	0.07	0.06	0.03	0.05	35.86	ppb
Beryllium	9-1	0.32	0.26	0.21	0.26	21.28	ppb
Bismuth	209-1				106		%
Bismuth	209-2				110		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.03	-0.02	0.12	0.04	166.15	ppb
Cadmium	106-1	0.30	-1.21	-1.02	-0.64		ppb
Cadmium	111-1	0.03	-0.07	-0.05	-0.03		ppb
Calcium	43-1	-1.50	0.85	-1.46	-0.70		ppb
Calcium	44-1	2.08	0.70	0.98	1.25	58.18	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.02	0.03	0.02	60.33	ppb
Cobalt	59-2	0.02	0.01	0.02	0.02	36.64	ppb
Copper	63-2	0.16	0.15	0.09	0.13	31.33	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				107		%
Holmium	165-2				109		%
Indium	115-1				104		%
Indium	115-2				107		%
Iron	56-2	0.65	0.89	0.99	0.84	20.86	ppb
Iron	57-2	-2.92	-4.32	-1.86	-3.03		ppb
Iron	54-2	1.48	0.25	-0.14	0.53	159.70	ppb
Krypton	83-1						cps

LB Number : LB132992 Operator : Jaswal
Lab Sample ID : PB164204BL Instrumnet Name : P7
Client Sample ID : PBW204 Dilution Factor : 1
Date & Time Acquired : 2024-10-17 19:22:59 DataFile Name : 043CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.23	0.19	0.17	0.20	15.38	ppb
Lead	207-1	0.25	0.15	0.13	0.18	36.60	ppb
Lead	208-1	0.23	0.18	0.17	0.19	17.32	ppb
Lithium	6-1				103		%
Magnesium	24-2	2.27	2.08	1.82	2.06	11.03	ppb
Manganese	55-2	0.12	0.18	0.17	0.15	21.11	ppb
Molybdenum	94-1	0.53	0.48	0.47	0.49	6.99	ppb
Molybdenum	95-1	0.41	0.33	0.29	0.34	17.93	ppb
Molybdenum	96-1	0.41	0.33	0.36	0.37	11.79	ppb
Molybdenum	97-1	0.40	0.27	0.28	0.32	22.84	ppb
Molybdenum	98-1	0.37	0.30	0.30	0.32	12.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	-0.02	0.01	0.00	551.84	ppb
Phosphorus	31-2	-20.05	-12.74	-14.08	-15.63		ppb
Potassium	39-2	-15.95	-14.10	-12.62	-14.22		ppb
Rhodium	103-1				102		%
Rhodium	103-2				107		%
Scandium	45-1				102		%
Scandium	45-2				107		%
Selenium	82-1	0.38	0.49	0.76	0.54	35.43	ppb
Selenium	77-2	0.00	0.00	1.17	0.39	173.21	ppb
Selenium	78-2	-0.01	-0.75	-0.04	-0.27		ppb
Silicon	28-1	-8.21	-9.96	-10.80	-9.65		ppb
Silver	107-1	0.08	0.07	0.05	0.07	23.24	ppb
Silver	109-1	0.08	0.06	0.06	0.06	16.55	ppb
Sodium	23-2	30.10	29.95	28.25	29.43	3.49	ppb
Strontium	86-1	0.49	0.29	0.27	0.35	35.19	ppb
Strontium	88-1	0.50	0.32	0.25	0.35	35.79	ppb
Sulfur	34-1	-1051.56	-1310.37	-1352.06	-1238.00		ppb
Terbium	159-1				106		%
Terbium	159-2				110		%
Thallium	203-1	0.04	0.05	0.05	0.05	9.78	ppb
Thallium	205-1	0.06	0.04	0.04	0.05	26.21	ppb
Tin	118-1	0.06	0.06	0.07	0.06	9.47	ppb
Titanium	47-1	0.36	0.26	0.24	0.29	21.44	ppb

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

PB164204BL

Instrumnet Name :

P7

Client Sample ID :

PBW204

Dilution Factor :

1

Date & Time Acquired :

2024-10-17 19:22:59

DataFile Name :

043CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.01	0.01	0.01	25.47	ppb
Vanadium	51-2	0.00	0.01	0.01	0.01	64.46	ppb
Yttrium	89-1				103		%
Yttrium	89-2				107		%
Zinc	66-2	0.29	0.36	0.32	0.32	10.40	ppb
Zirconium	90-1	0.11	0.08	0.09	0.09	13.25	ppb
Zirconium	91-1	0.13	0.08	0.10	0.10	20.85	ppb

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

PB164204BS

Instrumnet Name :

P7

Client Sample ID :

LCS204

Dilution Factor :

1

Date & Time Acquired :

2024-10-17 19:26:21

DataFile Name :

044DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10297.58	10406.75	10043.39	10249.24	1.82	ppb
Antimony	121-1	520.46	511.09	519.71	517.09	1.01	ppb
Arsenic	75-2	480.62	488.74	478.58	482.65	1.11	ppb
Barium	135-1	2599.50	2539.90	2589.72	2576.37	1.24	ppb
Barium	137-1	2547.27	2521.16	2543.20	2537.21	0.55	ppb
Beryllium	9-1	502.63	486.92	497.51	495.69	1.62	ppb
Bismuth	209-1				103		%
Bismuth	209-2				107		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	512.46	503.80	510.48	508.91	0.89	ppb
Cadmium	106-1	508.19	492.95	504.94	502.03	1.60	ppb
Cadmium	111-1	514.56	505.14	514.39	511.37	1.05	ppb
Calcium	43-1	58647.29	57588.47	57176.40	57804.05	1.31	ppb
Calcium	44-1	54701.49	53134.52	53114.30	53650.10	1.70	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	500.13	507.14	491.68	499.65	1.55	ppb
Cobalt	59-2	492.50	499.61	484.98	492.36	1.49	ppb
Copper	63-2	4971.89	5040.62	4903.84	4972.12	1.38	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				109		%
Indium	115-1				102		%
Indium	115-2				103		%
Iron	56-2	27173.89	27404.97	26629.52	27069.46	1.47	ppb
Iron	57-2	28370.33	28563.71	27529.19	28154.41	1.95	ppb
Iron	54-2	27653.53	27867.06	26545.31	27355.30	2.59	ppb
Krypton	83-1						cps

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

PB164204BS

Instrumnet Name :

P7

Client Sample ID :

LCS204

Dilution Factor :

1

Date & Time Acquired :

2024-10-17 19:26:21

DataFile Name :

044DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2546.81	2465.60	2543.28	2518.56	1.82	ppb
Lead	207-1	2541.95	2449.04	2526.11	2505.70	1.98	ppb
Lead	208-1	2553.12	2474.02	2541.65	2522.93	1.69	ppb
Lithium	6-1				103		%
Magnesium	24-2	48203.47	49037.98	47027.58	48089.68	2.10	ppb
Manganese	55-2	4963.80	4900.91	4809.68	4891.46	1.58	ppb
Molybdenum	94-1	5646.14	5504.49	5553.71	5568.12	1.29	ppb
Molybdenum	95-1	5583.40	5455.39	5559.25	5532.68	1.23	ppb
Molybdenum	96-1	5609.00	5475.30	5578.65	5554.31	1.26	ppb
Molybdenum	97-1	5612.22	5496.86	5636.15	5581.74	1.33	ppb
Molybdenum	98-1	5600.81	5488.72	5556.30	5548.61	1.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	495.78	499.15	485.78	493.57	1.41	ppb
Phosphorus	31-2	9869.58	9920.54	9585.40	9791.84	1.84	ppb
Potassium	39-2	25391.60	25824.27	25165.49	25460.45	1.31	ppb
Rhodium	103-1				99		%
Rhodium	103-2				103		%
Scandium	45-1				102		%
Scandium	45-2				105		%
Selenium	82-1	506.68	498.74	507.83	504.42	0.98	ppb
Selenium	77-2	501.81	487.55	443.83	477.73	6.32	ppb
Selenium	78-2	486.71	484.32	460.65	477.23	3.02	ppb
Silicon	28-1	524.92	514.60	524.73	521.42	1.13	ppb
Silver	107-1	515.63	516.22	515.94	515.93	0.06	ppb
Silver	109-1	530.90	506.85	526.77	521.51	2.47	ppb
Sodium	23-2	51299.11	52177.06	50568.32	51348.16	1.57	ppb
Strontium	86-1	12821.27	12382.91	12711.62	12638.60	1.80	ppb
Strontium	88-1	12807.60	12456.19	12851.98	12705.26	1.71	ppb
Sulfur	34-1	9493.99	8957.48	8927.99	9126.48	3.49	ppb
Terbium	159-1				107		%
Terbium	159-2				110		%
Thallium	203-1	510.00	502.11	503.20	505.10	0.85	ppb
Thallium	205-1	514.47	502.42	506.63	507.84	1.20	ppb
Tin	118-1	514.41	517.05	513.72	515.06	0.34	ppb
Titanium	47-1	5717.55	5551.21	5555.53	5608.10	1.69	ppb

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

PB164204BS

Instrumnet Name :

P7

Client Sample ID :

LCS204

Dilution Factor :

1

Date & Time Acquired :

2024-10-17 19:26:21

DataFile Name :

044DLCW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	499.32	487.27	493.52	493.37	1.22	ppb
Vanadium	51-2	488.78	493.52	475.95	486.08	1.87	ppb
Yttrium	89-1				104		%
Yttrium	89-2				106		%
Zinc	66-2	4926.12	4963.36	4840.86	4910.11	1.28	ppb
Zirconium	90-1	509.38	499.04	506.60	505.01	1.06	ppb
Zirconium	91-1	511.38	501.10	508.32	506.94	1.04	ppb

LB Number :LB132992Operator :Jaswal

Lab Sample ID :CCV090Instrumnet Name :P7

Client Sample ID :CCV090Dilution Factor :1

Date & Time Acquired :2024-10-17 19:29:17DataFile Name :045CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49897.41	49248.51	48808.55	49318.16	1.11	ppb
Antimony	121-1	495.72	487.54	498.37	493.88	1.14	ppb
Arsenic	75-2	466.25	459.77	453.74	459.92	1.36	ppb
Barium	135-1	2522.87	2510.14	2482.27	2505.09	0.83	ppb
Barium	137-1	2478.47	2462.12	2502.08	2480.89	0.81	ppb
Beryllium	9-1	491.04	490.23	499.01	493.42	0.98	ppb
Bismuth	209-1				96		%
Bismuth	209-2				89		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	476.83	481.83	479.66	479.44	0.52	ppb
Cadmium	106-1	474.43	476.48	482.09	477.67	0.83	ppb
Cadmium	111-1	475.47	474.72	476.20	475.46	0.16	ppb
Calcium	43-1	247824.81	253584.42	258415.84	253275.02	2.09	ppb
Calcium	44-1	246602.21	252629.81	254440.99	251224.34	1.63	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	479.23	477.29	469.79	475.43	1.05	ppb
Cobalt	59-2	504.12	500.28	492.99	499.13	1.13	ppb
Copper	63-2	4982.12	4886.18	4818.73	4895.68	1.68	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				105		%
Holmium	165-2				106		%
Indium	115-1				96		%
Indium	115-2				98		%
Iron	56-2	129848.30	127991.52	126151.48	127997.10	1.44	ppb
Iron	57-2	129090.11	127466.92	126967.43	127841.49	0.87	ppb
Iron	54-2	128904.90	128175.75	126838.11	127972.92	0.82	ppb
Krypton	83-1						cps

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

CCV090

Instrumnet Name :

P7

Client Sample ID :

CCV090

Dilution Factor :

1

Date & Time Acquired :

2024-10-17 19:29:17

DataFile Name :

045CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2541.54	2477.80	2516.47	2511.94	1.28	ppb
Lead	207-1	2533.93	2475.00	2510.01	2506.31	1.18	ppb
Lead	208-1	2540.22	2489.83	2519.71	2516.59	1.01	ppb
Lithium	6-1				99		%
Magnesium	24-2	245597.32	241787.15	241918.08	243100.85	0.89	ppb
Manganese	55-2	4679.74	4687.21	4589.96	4652.31	1.16	ppb
Molybdenum	94-1	5442.38	5511.98	5544.22	5499.53	0.95	ppb
Molybdenum	95-1	5457.18	5506.18	5555.74	5506.37	0.89	ppb
Molybdenum	96-1	5433.11	5489.05	5523.36	5481.84	0.83	ppb
Molybdenum	97-1	5449.66	5453.89	5573.64	5492.40	1.28	ppb
Molybdenum	98-1	5432.40	5463.67	5495.30	5463.79	0.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	499.08	486.07	484.28	489.81	1.65	ppb
Phosphorus	31-2	9295.70	9353.13	9024.09	9224.30	1.91	ppb
Potassium	39-2	125890.27	124023.42	123645.55	124519.75	0.97	ppb
Rhodium	103-1				92		%
Rhodium	103-2				95		%
Scandium	45-1				99		%
Scandium	45-2				103		%
Selenium	82-1	463.29	475.65	479.48	472.81	1.79	ppb
Selenium	77-2	448.71	477.59	477.63	467.97	3.56	ppb
Selenium	78-2	448.97	458.96	432.13	446.69	3.03	ppb
Silicon	28-1	498.60	509.86	528.58	512.35	2.96	ppb
Silver	107-1	482.75	475.14	477.89	478.60	0.81	ppb
Silver	109-1	490.60	480.35	480.01	483.65	1.24	ppb
Sodium	23-2	252671.60	246583.95	247358.76	248871.44	1.33	ppb
Strontium	86-1	12202.40	12349.31	12365.72	12305.81	0.73	ppb
Strontium	88-1	12279.76	12491.37	12398.07	12389.73	0.86	ppb
Sulfur	34-1	8831.04	9264.36	9467.19	9187.53	3.54	ppb
Terbium	159-1				104		%
Terbium	159-2				107		%
Thallium	203-1	509.71	502.03	501.11	504.29	0.94	ppb
Thallium	205-1	507.10	500.07	508.38	505.18	0.89	ppb
Tin	118-1	491.93	495.31	496.62	494.62	0.49	ppb
Titanium	47-1	5297.22	5449.77	5492.51	5413.17	1.90	ppb

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

CCV090

Instrumnet Name :

P7

Client Sample ID :

CCV090

Dilution Factor :

1

Date & Time Acquired :

2024-10-17 19:29:17

DataFile Name :

045CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	521.03	512.63	512.79	515.48	0.93	ppb
Vanadium	51-2	472.84	468.12	465.86	468.94	0.76	ppb
Yttrium	89-1				100		%
Yttrium	89-2				103		%
Zinc	66-2	4863.48	4782.56	4763.35	4803.13	1.11	ppb
Zirconium	90-1	494.29	501.23	501.76	499.10	0.84	ppb
Zirconium	91-1	495.23	502.05	505.95	501.08	1.08	ppb

LB Number :LB132992Operator :Jaswal

Lab Sample ID :CCB090Instrumnet Name :P7

Client Sample ID :CCB090Dilution Factor :1

Date & Time Acquired :2024-10-17 19:35:42DataFile Name :046CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.23	1.09	2.18	1.50	39.69	ppb
Antimony	121-1	0.13	0.18	0.20	0.17	19.63	ppb
Arsenic	75-2	0.00	0.15	0.06	0.07	102.75	ppb
Barium	135-1	0.02	0.02	0.02	0.02	1.39	ppb
Barium	137-1	0.04	0.01	0.03	0.03	48.61	ppb
Beryllium	9-1	0.26	0.28	0.21	0.25	12.79	ppb
Bismuth	209-1				106		%
Bismuth	209-2				111		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.06	-0.02	-0.06	-0.05		ppb
Cadmium	106-1	-1.75	-1.49	-0.44	-1.23		ppb
Cadmium	111-1	-0.12	-0.10	-0.01	-0.08		ppb
Calcium	43-1	3.83	1.16	0.05	1.68	115.82	ppb
Calcium	44-1	1.93	0.98	2.47	1.79	42.00	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	-0.02	-0.01	-0.01		ppb
Cobalt	59-2	0.02	0.03	0.03	0.03	30.58	ppb
Copper	63-2	0.10	0.23	0.23	0.19	38.54	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				106		%
Holmium	165-2				109		%
Indium	115-1				104		%
Indium	115-2				107		%
Iron	56-2	3.94	4.63	5.00	4.52	11.89	ppb
Iron	57-2	0.97	3.32	3.53	2.61	54.41	ppb
Iron	54-2	3.83	3.85	5.83	4.50	25.56	ppb
Krypton	83-1						cps

LB Number :LB132992Operator :Jaswal

Lab Sample ID :CCB090Instrumnet Name :P7

Client Sample ID :CCB090Dilution Factor :1

Date & Time Acquired :2024-10-17 19:35:42DataFile Name :046CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.13	0.13	0.14	0.13	2.92	ppb
Lead	207-1	0.15	0.12	0.14	0.14	9.54	ppb
Lead	208-1	0.13	0.13	0.14	0.13	2.80	ppb
Lithium	6-1				103		%
Magnesium	24-2	6.88	7.75	8.34	7.66	9.61	ppb
Manganese	55-2	0.15	0.21	0.15	0.17	19.03	ppb
Molybdenum	94-1	0.26	0.24	0.25	0.25	3.74	ppb
Molybdenum	95-1	0.11	0.10	0.18	0.13	29.62	ppb
Molybdenum	96-1	0.13	0.12	0.17	0.14	17.60	ppb
Molybdenum	97-1	0.14	0.11	0.14	0.13	9.75	ppb
Molybdenum	98-1	0.12	0.11	0.15	0.13	16.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.05	0.00	-0.01	0.01	242.17	ppb
Phosphorus	31-2	-20.77	-11.59	-5.54	-12.64		ppb
Potassium	39-2	-12.92	-5.56	-10.56	-9.68		ppb
Rhodium	103-1				104		%
Rhodium	103-2				107		%
Scandium	45-1				103		%
Scandium	45-2				106		%
Selenium	82-1	0.28	0.63	0.70	0.53	42.07	ppb
Selenium	77-2	0.59	0.00	0.00	0.20	173.21	ppb
Selenium	78-2	-0.92	-0.87	-1.57	-1.12		ppb
Silicon	28-1	-14.00	-11.88	-13.17	-13.02		ppb
Silver	107-1	0.03	0.04	0.03	0.03	15.61	ppb
Silver	109-1	0.03	0.02	0.04	0.03	20.36	ppb
Sodium	23-2	42.59	45.81	45.06	44.49	3.78	ppb
Strontium	86-1	0.15	0.12	0.12	0.13	13.15	ppb
Strontium	88-1	0.13	0.12	0.17	0.14	17.95	ppb
Sulfur	34-1	-1109.53	-874.86	-998.57	-994.32		ppb
Terbium	159-1				106		%
Terbium	159-2				110		%
Thallium	203-1	0.04	0.04	0.04	0.04	1.33	ppb
Thallium	205-1	0.05	0.03	0.04	0.04	21.08	ppb
Tin	118-1	0.01	0.06	0.04	0.04	62.09	ppb
Titanium	47-1	0.08	0.13	0.16	0.12	35.05	ppb

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

CCB090

Instrumnet Name :

P7

Client Sample ID :

CCB090

Dilution Factor :

1

Date & Time Acquired :

2024-10-17 19:35:42

DataFile Name :

046CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.01	0.00	36.53	ppb
Vanadium	51-2	0.01	0.02	0.02	0.02	29.69	ppb
Yttrium	89-1				103		%
Yttrium	89-2				106		%
Zinc	66-2	0.15	0.23	0.35	0.24	40.40	ppb
Zirconium	90-1	0.08	0.09	0.10	0.09	8.08	ppb
Zirconium	91-1	0.06	0.08	0.08	0.07	15.07	ppb

LB Number :LB132992Operator :Jaswal

Lab Sample ID :P4319-09Instrumnet Name :P7

Client Sample ID :MC0C97Dilution Factor :1

Date & Time Acquired :2024-10-17 19:47:18DataFile Name :049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	560.44	562.75	561.54	561.58	0.21	ppb
Antimony	121-1	0.06	0.05	0.07	0.06	12.72	ppb
Arsenic	75-2	1.11	1.38	1.10	1.20	12.90	ppb
Barium	135-1	123.52	121.75	120.05	121.77	1.42	ppb
Barium	137-1	121.53	121.00	120.98	121.17	0.26	ppb
Beryllium	9-1	0.25	0.20	0.23	0.22	11.32	ppb
Bismuth	209-1				107		%
Bismuth	209-2				112		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.02	-0.02	-0.02	-0.02		ppb
Cadmium	106-1	-1.59	-0.83	-2.10	-1.51		ppb
Cadmium	111-1	-0.10	-0.02	-0.13	-0.08		ppb
Calcium	43-1	15754.17	16307.10	15966.81	16009.36	1.74	ppb
Calcium	44-1	15139.65	15553.53	15304.67	15332.62	1.36	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.11	2.14	2.20	2.15	2.15	ppb
Cobalt	59-2	1.41	1.39	1.36	1.39	1.95	ppb
Copper	63-2	1.08	1.05	1.12	1.08	3.31	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				113		%
Indium	115-1				108		%
Indium	115-2				110		%
Iron	56-2	40869.86	41680.09	40775.56	41108.50	1.21	ppb
Iron	57-2	43400.77	43472.18	42845.86	43239.60	0.79	ppb
Iron	54-2	41522.22	41451.45	40725.94	41233.20	1.07	ppb
Krypton	83-1						cps

LB Number : LB132992 Operator : Jaswal
Lab Sample ID : P4319-09 Instrumnet Name : P7
Client Sample ID : MC0C97 Dilution Factor : 1
Date & Time Acquired : 2024-10-17 19:47:18 DataFile Name : 049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.68	1.77	1.72	1.72	2.65	ppb
Lead	207-1	1.68	1.71	1.67	1.69	1.24	ppb
Lead	208-1	1.64	1.71	1.67	1.67	2.25	ppb
Lithium	6-1				108		%
Magnesium	24-2	6506.04	6571.35	6448.39	6508.59	0.95	ppb
Manganese	55-2	216.67	220.32	216.50	217.83	0.99	ppb
Molybdenum	94-1	0.57	0.59	0.59	0.58	1.78	ppb
Molybdenum	95-1	0.11	0.13	0.17	0.14	23.99	ppb
Molybdenum	96-1	0.45	0.44	0.48	0.45	5.12	ppb
Molybdenum	97-1	0.15	0.16	0.13	0.15	9.82	ppb
Molybdenum	98-1	0.12	0.10	0.13	0.12	13.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.56	1.77	1.74	1.69	6.91	ppb
Phosphorus	31-2	-1.88	0.62	1.53	0.09	2008.24	ppb
Potassium	39-2	4526.10	4553.68	4475.38	4518.39	0.88	ppb
Rhodium	103-1				104		%
Rhodium	103-2				109		%
Scandium	45-1				108		%
Scandium	45-2				110		%
Selenium	82-1	-0.26	0.99	1.07	0.60	123.48	ppb
Selenium	77-2	4.40	7.15	3.27	4.94	40.43	ppb
Selenium	78-2	0.79	0.14	3.17	1.37	116.83	ppb
Silicon	28-1	4148.71	4190.27	4217.73	4185.57	0.83	ppb
Silver	107-1	0.00	0.01	0.01	0.01	43.01	ppb
Silver	109-1	0.01	0.00	0.01	0.01	32.67	ppb
Sodium	23-2	23986.67	24236.88	24103.97	24109.17	0.52	ppb
Strontium	86-1	89.24	86.82	87.47	87.84	1.43	ppb
Strontium	88-1	88.92	89.80	88.42	89.05	0.78	ppb
Sulfur	34-1	30157.43	31062.95	31331.87	30850.75	1.99	ppb
Terbium	159-1				110		%
Terbium	159-2				114		%
Thallium	203-1	0.03	0.03	0.03	0.03	11.53	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	4.03	ppb
Tin	118-1	0.51	0.46	0.47	0.48	6.23	ppb
Titanium	47-1	2.37	2.42	2.06	2.29	8.53	ppb

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

P4319-09

Instrumnet Name :

P7

Client Sample ID :

MC0C97

Dilution Factor :

1

Date & Time Acquired :

2024-10-17 19:47:18

DataFile Name :

049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.08	0.09	0.09	0.09	5.28	ppb
Vanadium	51-2	1.40	1.53	1.48	1.47	4.31	ppb
Yttrium	89-1				112		%
Yttrium	89-2				115		%
Zinc	66-2	27.53	26.66	25.19	26.46	4.48	ppb
Zirconium	90-1	0.22	0.23	0.24	0.23	4.16	ppb
Zirconium	91-1	0.21	0.19	0.23	0.21	9.69	ppb

LB Number :LB132992Operator :Jaswal

Lab Sample ID :PB163534BLInstrumnet Name :P7

Client Sample ID :PBS534Dilution Factor :1

Date & Time Acquired :2024-10-17 20:02:14DataFile Name :050CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.12	-0.26	0.02	-0.12		ppb
Antimony	121-1	0.01	0.02	0.02	0.01	52.56	ppb
Arsenic	75-2	-0.01	0.00	0.02	0.00	401.32	ppb
Barium	135-1	-0.01	0.00	0.00	0.00		ppb
Barium	137-1	0.00	0.00	0.00	0.00		ppb
Beryllium	9-1	0.08	0.08	0.14	0.10	32.51	ppb
Bismuth	209-1				105		%
Bismuth	209-2				112		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	-0.02	-0.06	-0.02	-0.03		ppb
Cadmium	106-1	-2.00	-1.42	-1.70	-1.71		ppb
Cadmium	111-1	-0.14	-0.09	-0.13	-0.12		ppb
Calcium	43-1	-3.49	-2.48	-3.59	-3.19		ppb
Calcium	44-1	-0.11	-0.41	-0.94	-0.48		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.00	0.00	0.00		ppb
Cobalt	59-2	0.01	0.00	0.01	0.01	28.59	ppb
Copper	63-2	-0.04	0.06	0.01	0.01	531.16	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				110		%
Indium	115-1				107		%
Indium	115-2				109		%
Iron	56-2	0.65	0.75	1.07	0.82	26.95	ppb
Iron	57-2	-1.81	0.31	-3.12	-1.54		ppb
Iron	54-2	-0.75	-1.29	-0.72	-0.92		ppb
Krypton	83-1						cps

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

PB163534BL

Instrumnet Name :

P7

Client Sample ID :

PBS534

Dilution Factor :

1

Date & Time Acquired :

2024-10-17 20:02:14

DataFile Name :

050CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.05	0.04	0.04	0.04	23.21	ppb
Lead	207-1	0.03	0.04	0.03	0.03	12.81	ppb
Lead	208-1	0.04	0.04	0.04	0.04	3.05	ppb
Lithium	6-1				108		%
Magnesium	24-2	1.87	1.77	1.84	1.83	2.83	ppb
Manganese	55-2	0.02	0.02	0.00	0.01	73.01	ppb
Molybdenum	94-1	0.04	0.03	0.04	0.04	21.47	ppb
Molybdenum	95-1	0.01	0.02	0.02	0.01	38.16	ppb
Molybdenum	96-1	0.02	0.02	0.03	0.03	10.29	ppb
Molybdenum	97-1	0.02	0.00	0.01	0.01	74.09	ppb
Molybdenum	98-1	0.01	0.01	0.01	0.01	28.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.06	-0.07	-0.02	-0.05		ppb
Phosphorus	31-2	-17.30	-14.37	-23.44	-18.37		ppb
Potassium	39-2	-18.68	-11.00	-15.62	-15.10		ppb
Rhodium	103-1				106		%
Rhodium	103-2				110		%
Scandium	45-1				108		%
Scandium	45-2				111		%
Selenium	82-1	-0.36	0.37	0.98	0.33	203.42	ppb
Selenium	77-2	0.57	0.00	0.00	0.19	173.21	ppb
Selenium	78-2	1.32	0.21	-1.05	0.16	749.06	ppb
Silicon	28-1	-9.86	-10.65	-9.25	-9.92		ppb
Silver	107-1	0.00	0.00	0.01	0.01	60.17	ppb
Silver	109-1	0.01	0.00	0.01	0.00	94.51	ppb
Sodium	23-2	17.59	16.84	16.52	16.98	3.21	ppb
Strontium	86-1	0.02	0.01	0.00	0.01	71.89	ppb
Strontium	88-1	0.01	0.00	0.01	0.01	39.11	ppb
Sulfur	34-1	-563.32	-781.92	-696.23	-680.49		ppb
Terbium	159-1				106		%
Terbium	159-2				111		%
Thallium	203-1	0.01	0.02	0.01	0.01	20.56	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	11.97	ppb
Tin	118-1	-0.02	-0.01	-0.02	-0.02		ppb
Titanium	47-1	0.00	0.03	-0.01	0.01	223.16	ppb

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

PB163534BL

Instrumnet Name :

P7

Client Sample ID :

PBS534

Dilution Factor :

1

Date & Time Acquired :

2024-10-17 20:02:14

DataFile Name :

050CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.00	0.00	0.00	0.00	98.62	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	112.58	ppb
Yttrium	89-1				108		%
Yttrium	89-2				110		%
Zinc	66-2	-0.02	0.15	0.02	0.05	184.38	ppb
Zirconium	90-1	0.01	0.02	0.02	0.02	24.28	ppb
Zirconium	91-1	0.00	0.01	0.03	0.01	117.19	ppb

LB Number :LB132992Operator :Jaswal

Lab Sample ID :PB163534BSInstrumnet Name :P7

Client Sample ID :LCS534Dilution Factor :1

Date & Time Acquired :2024-10-17 20:05:37DataFile Name :051LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	42.33	41.05	41.37	41.58	1.60	ppb
Antimony	121-1	4.19	4.25	4.08	4.18	2.07	ppb
Arsenic	75-2	2.30	1.91	1.66	1.96	16.50	ppb
Barium	135-1	18.86	18.67	19.10	18.88	1.16	ppb
Barium	137-1	19.12	19.17	19.12	19.14	0.16	ppb
Beryllium	9-1	2.01	2.17	2.38	2.19	8.35	ppb
Bismuth	209-1				106		%
Bismuth	209-2				110		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	1.75	2.32	2.09	2.05	13.86	ppb
Cadmium	106-1	2.28	1.33	2.33	1.98	28.60	ppb
Cadmium	111-1	2.51	2.24	2.49	2.41	6.35	ppb
Calcium	43-1	1021.38	1026.29	1014.85	1020.84	0.56	ppb
Calcium	44-1	1034.08	1051.66	1041.62	1042.45	0.85	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.43	4.58	4.33	4.44	2.85	ppb
Cobalt	59-2	2.11	2.06	1.99	2.05	2.88	ppb
Copper	63-2	4.29	4.32	4.03	4.21	3.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				111		%
Indium	115-1				109		%
Indium	115-2				110		%
Iron	56-2	459.13	462.11	453.48	458.24	0.96	ppb
Iron	57-2	452.84	468.87	448.26	456.65	2.37	ppb
Iron	54-2	469.36	462.29	452.95	461.53	1.78	ppb
Krypton	83-1						cps

LB Number :LB132992Operator :Jaswal

Lab Sample ID :PB163534BSInstrumnet Name :P7

Client Sample ID :LCS534Dilution Factor :1

Date & Time Acquired :2024-10-17 20:05:37DataFile Name :051LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	1.84	1.88	1.83	1.85	1.55	ppb
Lead	207-1	1.82	1.84	1.83	1.83	0.47	ppb
Lead	208-1	1.85	1.86	1.85	1.85	0.28	ppb
Lithium	6-1				110		%
Magnesium	24-2	1078.99	1085.12	1064.75	1076.29	0.97	ppb
Manganese	55-2	2.14	2.04	2.12	2.10	2.38	ppb
Molybdenum	94-1	12.56	12.18	12.18	12.30	1.80	ppb
Molybdenum	95-1	9.91	10.04	9.97	9.97	0.63	ppb
Molybdenum	96-1	10.29	10.12	10.27	10.23	0.89	ppb
Molybdenum	97-1	10.33	10.03	9.66	10.01	3.32	ppb
Molybdenum	98-1	10.05	9.91	10.03	10.00	0.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.05	2.30	2.01	2.12	7.33	ppb
Phosphorus	31-2	-16.84	-8.34	-16.41	-13.86		ppb
Potassium	39-2	1090.80	1097.05	1069.58	1085.81	1.33	ppb
Rhodium	103-1				108		%
Rhodium	103-2				112		%
Scandium	45-1				108		%
Scandium	45-2				112		%
Selenium	82-1	10.65	11.27	10.05	10.66	5.70	ppb
Selenium	77-2	8.97	10.22	9.58	9.59	6.53	ppb
Selenium	78-2	8.92	7.08	9.50	8.50	14.92	ppb
Silicon	28-1	12.26	11.95	11.29	11.83	4.21	ppb
Silver	107-1	2.03	2.08	2.10	2.07	1.71	ppb
Silver	109-1	2.01	2.09	2.10	2.07	2.50	ppb
Sodium	23-2	1083.53	1089.71	1076.14	1083.13	0.63	ppb
Strontium	86-1	2.03	2.11	2.06	2.07	2.14	ppb
Strontium	88-1	2.05	2.06	2.06	2.06	0.25	ppb
Sulfur	34-1	-630.03	-634.54	-614.13	-626.23		ppb
Terbium	159-1				108		%
Terbium	159-2				111		%
Thallium	203-1	1.72	1.72	1.74	1.73	0.47	ppb
Thallium	205-1	1.78	1.79	1.78	1.78	0.11	ppb
Tin	118-1	0.02	0.00	0.04	0.02	83.63	ppb
Titanium	47-1	10.19	10.06	10.24	10.16	0.90	ppb

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

PB163534BS

Instrumnet Name :

P7

Client Sample ID :

LCS534

Dilution Factor :

1

Date & Time Acquired :

2024-10-17 20:05:37

DataFile Name :

051LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.69	1.73	1.64	1.69	2.50	ppb
Vanadium	51-2	9.95	9.94	9.62	9.84	1.88	ppb
Yttrium	89-1				108		%
Yttrium	89-2				111		%
Zinc	66-2	10.54	10.66	10.44	10.55	1.08	ppb
Zirconium	90-1	2.15	2.13	2.07	2.12	1.93	ppb
Zirconium	91-1	2.18	2.09	2.07	2.11	2.67	ppb

LB Number :LB132992Operator :Jaswal

Lab Sample ID :PB163534BSDInstrumnet Name :P7

Client Sample ID :LCSD534Dilution Factor :1

Date & Time Acquired :2024-10-17 20:09:01DataFile Name :052LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23.14	21.58	21.90	22.21	3.70	ppb
Antimony	121-1	2.04	2.09	2.16	2.10	2.73	ppb
Arsenic	75-2	1.05	1.10	0.99	1.05	5.51	ppb
Barium	135-1	9.66	9.48	9.50	9.54	1.04	ppb
Barium	137-1	9.66	9.61	9.89	9.72	1.53	ppb
Beryllium	9-1	1.02	1.13	1.00	1.05	6.52	ppb
Bismuth	209-1				106		%
Bismuth	209-2				111		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.87	0.89	1.63	1.13	38.12	ppb
Cadmium	106-1	0.66	0.05	-0.13	0.20	211.43	ppb
Cadmium	111-1	1.40	1.06	1.07	1.17	16.45	ppb
Calcium	43-1	492.35	500.80	525.82	506.32	3.44	ppb
Calcium	44-1	520.40	527.61	531.16	526.39	1.04	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.28	2.40	2.25	2.31	3.45	ppb
Cobalt	59-2	1.10	1.12	1.13	1.12	1.26	ppb
Copper	63-2	2.05	2.23	2.20	2.16	4.68	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				107		%
Holmium	165-2				111		%
Indium	115-1				107		%
Indium	115-2				110		%
Iron	56-2	233.82	235.82	235.14	234.93	0.43	ppb
Iron	57-2	235.92	245.87	235.44	239.08	2.46	ppb
Iron	54-2	238.35	235.55	245.63	239.84	2.17	ppb
Krypton	83-1						cps

LB Number : LB132992 Operator : Jaswal
Lab Sample ID : PB163534BSD Instrumnet Name : P7
Client Sample ID : LCSD534 Dilution Factor : 1
Date & Time Acquired : 2024-10-17 20:09:01 DataFile Name : 052LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.92	0.88	0.97	0.92	4.89	ppb
Lead	207-1	0.96	1.00	0.94	0.97	3.03	ppb
Lead	208-1	0.94	0.93	0.96	0.94	1.62	ppb
Lithium	6-1				111		%
Magnesium	24-2	558.68	550.83	545.94	551.82	1.16	ppb
Manganese	55-2	0.98	0.99	1.12	1.03	7.15	ppb
Molybdenum	94-1	6.04	6.16	6.39	6.19	2.90	ppb
Molybdenum	95-1	5.01	5.17	5.08	5.09	1.63	ppb
Molybdenum	96-1	5.15	5.18	5.40	5.24	2.57	ppb
Molybdenum	97-1	5.11	5.03	5.23	5.12	2.02	ppb
Molybdenum	98-1	4.98	4.99	5.07	5.01	0.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.14	1.12	1.09	1.12	2.12	ppb
Phosphorus	31-2	-12.71	-13.89	-12.07	-12.89		ppb
Potassium	39-2	548.73	547.60	549.64	548.66	0.19	ppb
Rhodium	103-1				107		%
Rhodium	103-2				112		%
Scandium	45-1				109		%
Scandium	45-2				112		%
Selenium	82-1	5.92	4.97	5.15	5.35	9.51	ppb
Selenium	77-2	5.66	1.71	3.99	3.79	52.41	ppb
Selenium	78-2	6.70	8.29	4.42	6.47	30.08	ppb
Silicon	28-1	2.83	0.80	3.55	2.40	59.49	ppb
Silver	107-1	1.08	1.08	1.06	1.07	1.22	ppb
Silver	109-1	1.01	1.06	1.10	1.06	4.19	ppb
Sodium	23-2	562.05	561.96	559.23	561.08	0.29	ppb
Strontium	86-1	1.00	1.05	1.02	1.02	2.86	ppb
Strontium	88-1	1.06	1.02	1.03	1.04	1.86	ppb
Sulfur	34-1	-861.27	-906.03	-704.66	-823.99		ppb
Terbium	159-1				107		%
Terbium	159-2				112		%
Thallium	203-1	0.90	0.96	0.91	0.93	3.50	ppb
Thallium	205-1	0.86	0.86	0.88	0.87	1.09	ppb
Tin	118-1	0.00	0.01	0.02	0.01	69.00	ppb
Titanium	47-1	5.58	5.29	5.44	5.44	2.62	ppb

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

PB163534BSD

Instrumnet Name :

P7

Client Sample ID :

LCSD534

Dilution Factor :

1

Date & Time Acquired :

2024-10-17 20:09:01

DataFile Name :

052LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.81	0.84	0.86	0.84	2.92	ppb
Vanadium	51-2	4.93	5.07	4.91	4.97	1.70	ppb
Yttrium	89-1				108		%
Yttrium	89-2				111		%
Zinc	66-2	5.40	5.27	4.66	5.11	7.74	ppb
Zirconium	90-1	1.10	1.08	1.08	1.09	0.92	ppb
Zirconium	91-1	1.01	0.96	1.10	1.02	6.98	ppb

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

P2745-12

Instrumnet Name :

P7

Client Sample ID :

MYD3X2

Dilution Factor :

1

Date & Time Acquired :

2024-10-17 20:16:02

DataFile Name :

053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40454.17	40910.91	41449.68	40938.26	1.22	ppb
Antimony	121-1	1.33	1.35	1.35	1.34	0.84	ppb
Arsenic	75-2	142.88	144.05	146.39	144.44	1.24	ppb
Barium	135-1	261.49	259.80	262.56	261.28	0.53	ppb
Barium	137-1	257.06	257.92	260.36	258.45	0.66	ppb
Beryllium	9-1	1.36	1.43	1.43	1.41	2.91	ppb
Bismuth	209-1				107		%
Bismuth	209-2				111		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.33	3.73	3.28	3.45	7.16	ppb
Cadmium	106-1	3.93	2.22	2.94	3.03	28.41	ppb
Cadmium	111-1	3.14	2.61	2.84	2.86	9.41	ppb
Calcium	43-1	16453.85	16473.17	16386.90	16437.97	0.28	ppb
Calcium	44-1	15737.08	15968.46	15746.91	15817.48	0.83	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	38.56	38.83	39.30	38.90	0.97	ppb
Cobalt	59-2	34.33	35.21	35.18	34.91	1.43	ppb
Copper	63-2	253.85	257.02	256.80	255.89	0.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				113		%
Indium	115-1				109		%
Indium	115-2				108		%
Iron	56-2	87931.38	88851.13	89059.90	88614.14	0.68	ppb
Iron	57-2	88640.95	89877.13	88840.95	89119.68	0.74	ppb
Iron	54-2	87704.92	88651.12	88661.14	88339.06	0.62	ppb
Krypton	83-1						cps

LB Number : LB132992 Operator : Jaswal
Lab Sample ID : P2745-12 Instrumnet Name : P7
Client Sample ID : MYD3X2 Dilution Factor : 1
Date & Time Acquired : 2024-10-17 20:16:02 DataFile Name : 053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	168.11	176.92	176.63	173.89	2.88	ppb
Lead	207-1	170.46	184.42	178.24	177.71	3.94	ppb
Lead	208-1	169.32	179.96	176.32	175.20	3.09	ppb
Lithium	6-1				115		%
Magnesium	24-2	16252.79	16497.91	16615.22	16455.30	1.12	ppb
Manganese	55-2	1721.11	1717.23	1744.65	1727.66	0.86	ppb
Molybdenum	94-1	14.53	14.68	14.74	14.65	0.75	ppb
Molybdenum	95-1	0.88	0.82	0.81	0.84	4.38	ppb
Molybdenum	96-1	2.74	2.95	2.89	2.86	3.80	ppb
Molybdenum	97-1	0.91	0.81	0.90	0.87	6.44	ppb
Molybdenum	98-1	0.79	0.82	0.80	0.81	1.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	37.85	37.51	38.94	38.10	1.96	ppb
Phosphorus	31-2	2276.93	2381.40	2348.34	2335.56	2.29	ppb
Potassium	39-2	6211.42	6359.32	6404.03	6324.92	1.59	ppb
Rhodium	103-1				106		%
Rhodium	103-2				108		%
Scandium	45-1				121		%
Scandium	45-2				120		%
Selenium	82-1	0.59	1.50	1.66	1.25	46.09	ppb
Selenium	77-2	12.93	14.11	16.40	14.48	12.18	ppb
Selenium	78-2	4.30	3.46	2.62	3.46	24.26	ppb
Silicon	28-1	7181.91	7253.93	7124.88	7186.91	0.90	ppb
Silver	107-1	1.02	0.98	1.02	1.01	2.15	ppb
Silver	109-1	1.01	0.98	0.98	0.99	1.36	ppb
Sodium	23-2	304.91	315.74	321.13	313.93	2.63	ppb
Strontium	86-1	61.51	63.02	62.23	62.25	1.22	ppb
Strontium	88-1	61.66	62.46	62.61	62.24	0.82	ppb
Sulfur	34-1	-1305.85	-1685.17	-1686.02	-1559.01		ppb
Terbium	159-1				109		%
Terbium	159-2				113		%
Thallium	203-1	0.36	0.40	0.45	0.40	11.20	ppb
Thallium	205-1	0.36	0.41	0.45	0.41	10.27	ppb
Tin	118-1	1.46	1.58	1.59	1.54	4.62	ppb
Titanium	47-1	1294.31	1308.53	1281.37	1294.74	1.05	ppb

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

P2745-12

Instrumnet Name :

P7

Client Sample ID :

MYD3X2

Dilution Factor :

1

Date & Time Acquired :

2024-10-17 20:16:02

DataFile Name :

053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.63	0.68	0.66	0.66	4.16	ppb
Vanadium	51-2	137.54	137.67	138.78	138.00	0.49	ppb
Yttrium	89-1				118		%
Yttrium	89-2				120		%
Zinc	66-2	489.12	493.96	495.77	492.95	0.70	ppb
Zirconium	90-1	7.65	7.74	7.73	7.71	0.61	ppb
Zirconium	91-1	7.40	7.83	7.76	7.67	3.04	ppb

LB Number :LB132992Operator :Jaswal

Lab Sample ID :P2734-02AREInstrumnet Name :P7

Client Sample ID :MYD3S7AREDilution Factor :1

Date & Time Acquired :2024-10-17 20:47:22DataFile Name :054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39399.39	39848.53	39101.06	39449.66	0.95	ppb
Antimony	121-1	1.00	1.02	1.02	1.01	0.90	ppb
Arsenic	75-2	309.47	311.12	307.38	309.33	0.61	ppb
Barium	135-1	530.97	526.07	527.89	528.31	0.47	ppb
Barium	137-1	524.33	519.92	522.81	522.35	0.43	ppb
Beryllium	9-1	2.01	2.04	2.18	2.08	4.45	ppb
Bismuth	209-1				108		%
Bismuth	209-2				110		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.31	2.23	2.37	2.31	3.03	ppb
Cadmium	106-1	1.46	2.66	1.28	1.80	41.67	ppb
Cadmium	111-1	0.76	0.74	0.65	0.72	8.17	ppb
Calcium	43-1	8160.46	8525.82	8609.71	8432.00	2.83	ppb
Calcium	44-1	7869.91	8185.36	8093.61	8049.63	2.02	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	98.80	98.57	98.01	98.46	0.41	ppb
Cobalt	59-2	55.42	55.73	54.97	55.38	0.69	ppb
Copper	63-2	106.53	107.84	105.19	106.52	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				111		%
Holmium	165-2				114		%
Indium	115-1				109		%
Indium	115-2				109		%
Iron	56-2	96694.40	97537.54	94868.40	96366.78	1.42	ppb
Iron	57-2	94993.99	97869.03	94801.47	95888.16	1.79	ppb
Iron	54-2	95473.02	97476.63	95608.91	96186.19	1.16	ppb
Krypton	83-1						cps

LB Number : LB132992 Operator : Jaswal
Lab Sample ID : P2734-02ARE Instrumnet Name : P7
Client Sample ID : MYD3S7ARE Dilution Factor : 1
Date & Time Acquired : 2024-10-17 20:47:22 DataFile Name : 054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	97.07	96.82	99.46	97.79	1.49	ppb
Lead	207-1	93.60	94.52	96.67	94.93	1.66	ppb
Lead	208-1	95.18	96.13	99.80	97.04	2.51	ppb
Lithium	6-1				109		%
Magnesium	24-2	16593.92	16549.26	16066.69	16403.29	1.78	ppb
Manganese	55-2	2851.76	2849.26	2791.17	2830.73	1.21	ppb
Molybdenum	94-1	29.29	29.82	30.75	29.95	2.47	ppb
Molybdenum	95-1	1.27	1.14	1.10	1.17	7.88	ppb
Molybdenum	96-1	4.83	4.77	4.79	4.80	0.69	ppb
Molybdenum	97-1	1.10	1.12	1.15	1.12	2.33	ppb
Molybdenum	98-1	1.13	1.14	1.09	1.12	2.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	98.26	100.91	98.69	99.29	1.43	ppb
Phosphorus	31-2	1649.91	1627.28	1629.99	1635.72	0.76	ppb
Potassium	39-2	10570.11	10548.49	10486.39	10535.00	0.41	ppb
Rhodium	103-1				106		%
Rhodium	103-2				109		%
Scandium	45-1				122		%
Scandium	45-2				121		%
Selenium	82-1	0.67	0.81	1.16	0.88	28.64	ppb
Selenium	77-2	11.86	17.20	19.00	16.02	23.20	ppb
Selenium	78-2	2.88	3.44	4.38	3.57	21.25	ppb
Silicon	28-1	6833.28	6992.75	7089.69	6971.91	1.86	ppb
Silver	107-1	0.17	0.21	0.20	0.19	10.80	ppb
Silver	109-1	0.15	0.19	0.19	0.18	10.57	ppb
Sodium	23-2	202.55	207.60	210.08	206.74	1.85	ppb
Strontium	86-1	72.80	72.90	74.66	73.45	1.42	ppb
Strontium	88-1	73.10	74.17	76.62	74.63	2.42	ppb
Sulfur	34-1	-2671.62	-2736.00	-2692.69	-2700.10		ppb
Terbium	159-1				111		%
Terbium	159-2				113		%
Thallium	203-1	0.57	0.57	0.61	0.58	3.98	ppb
Thallium	205-1	0.57	0.55	0.59	0.57	3.52	ppb
Tin	118-1	1.26	1.27	1.26	1.26	0.29	ppb
Titanium	47-1	1189.30	1223.32	1238.08	1216.90	2.06	ppb

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

P2734-02ARE

Instrumnet Name :

P7

Client Sample ID :

MYD3S7ARE

Dilution Factor :

1

Date & Time Acquired :

2024-10-17 20:47:22

DataFile Name :

054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.65	1.66	1.70	1.67	1.54	ppb
Vanadium	51-2	166.83	166.73	164.40	165.99	0.83	ppb
Yttrium	89-1				120		%
Yttrium	89-2				122		%
Zinc	66-2	182.60	183.09	178.27	181.32	1.46	ppb
Zirconium	90-1	15.63	15.65	15.79	15.69	0.58	ppb
Zirconium	91-1	15.61	15.38	15.69	15.56	1.03	ppb

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

P2815-11A

Instrumnet Name :

P7

Client Sample ID :

MYD536ARE

Dilution Factor :

1

Date & Time Acquired :

2024-10-17 20:50:37

DataFile Name :

055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33326.75	33465.78	34225.09	33672.54	1.44	ppb
Antimony	121-1	0.80	0.85	0.87	0.84	3.70	ppb
Arsenic	75-2	67.80	70.33	69.84	69.32	1.94	ppb
Barium	135-1	261.36	274.74	262.73	266.28	2.76	ppb
Barium	137-1	266.80	271.56	266.83	268.40	1.02	ppb
Beryllium	9-1	1.36	1.31	1.22	1.30	5.30	ppb
Bismuth	209-1				106		%
Bismuth	209-2				110		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	2.57	1.63	1.42	1.87	32.52	ppb
Cadmium	106-1	0.81	1.64	1.78	1.41	37.11	ppb
Cadmium	111-1	1.04	1.28	1.14	1.15	10.40	ppb
Calcium	43-1	13304.99	13914.66	13540.05	13586.57	2.26	ppb
Calcium	44-1	12699.86	13263.95	12969.21	12977.68	2.17	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	32.74	33.40	33.41	33.19	1.15	ppb
Cobalt	59-2	28.41	29.13	29.39	28.97	1.75	ppb
Copper	63-2	124.47	127.45	128.42	126.78	1.62	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				112		%
Indium	115-1				107		%
Indium	115-2				108		%
Iron	56-2	79450.52	80421.46	80535.41	80135.80	0.74	ppb
Iron	57-2	79222.35	81192.67	80978.46	80464.50	1.34	ppb
Iron	54-2	77718.21	79992.92	80597.46	79436.20	1.91	ppb
Krypton	83-1						cps

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

P2815-11A

Instrumnet Name :

P7

Client Sample ID :

MYD536ARE

Dilution Factor :

1

Date & Time Acquired :

2024-10-17 20:50:37

DataFile Name :

055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	58.20	60.19	59.73	59.37	1.76	ppb
Lead	207-1	60.11	61.14	61.68	60.97	1.31	ppb
Lead	208-1	58.44	60.33	59.90	59.55	1.66	ppb
Lithium	6-1				107		%
Magnesium	24-2	13108.20	13518.78	13424.02	13350.33	1.61	ppb
Manganese	55-2	1382.97	1420.64	1435.86	1413.16	1.93	ppb
Molybdenum	94-1	14.03	13.51	13.34	13.63	2.63	ppb
Molybdenum	95-1	0.76	0.83	0.79	0.79	4.68	ppb
Molybdenum	96-1	2.66	2.66	2.58	2.64	1.72	ppb
Molybdenum	97-1	0.79	0.78	0.78	0.78	0.52	ppb
Molybdenum	98-1	0.76	0.79	0.74	0.76	3.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	33.22	33.15	33.75	33.38	0.98	ppb
Phosphorus	31-2	2194.12	2236.92	2285.85	2238.97	2.05	ppb
Potassium	39-2	6388.11	6530.76	6557.82	6492.23	1.40	ppb
Rhodium	103-1				105		%
Rhodium	103-2				108		%
Scandium	45-1				115		%
Scandium	45-2				116		%
Selenium	82-1	1.63	0.85	1.15	1.21	32.32	ppb
Selenium	77-2	11.85	14.82	16.26	14.31	15.73	ppb
Selenium	78-2	3.64	1.05	2.87	2.52	52.96	ppb
Silicon	28-1	7012.87	7352.18	7075.38	7146.81	2.53	ppb
Silver	107-1	2.58	2.72	2.64	2.65	2.61	ppb
Silver	109-1	2.58	2.72	2.59	2.63	2.85	ppb
Sodium	23-2	267.69	277.64	280.51	275.28	2.44	ppb
Strontium	86-1	66.97	67.26	65.50	66.58	1.42	ppb
Strontium	88-1	66.64	67.20	65.48	66.44	1.32	ppb
Sulfur	34-1	-2759.63	-2704.48	-2798.82	-2754.31		ppb
Terbium	159-1				111		%
Terbium	159-2				112		%
Thallium	203-1	0.28	0.29	0.33	0.30	9.04	ppb
Thallium	205-1	0.27	0.29	0.30	0.29	5.74	ppb
Tin	118-1	1.39	1.43	1.30	1.37	4.86	ppb
Titanium	47-1	1154.23	1184.39	1169.49	1169.37	1.29	ppb

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

P2815-11A

Instrumnet Name :

P7

Client Sample ID :

MYD536ARE

Dilution Factor :

1

Date & Time Acquired :

2024-10-17 20:50:37

DataFile Name :

055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.77	0.78	0.78	0.78	0.61	ppb
Vanadium	51-2	123.87	127.32	126.97	126.05	1.51	ppb
Yttrium	89-1				117		%
Yttrium	89-2				120		%
Zinc	66-2	253.71	257.01	261.14	257.29	1.45	ppb
Zirconium	90-1	7.05	7.26	6.82	7.04	3.13	ppb
Zirconium	91-1	7.02	7.07	6.99	7.03	0.58	ppb

LB Number :LB132992Operator :Jaswal

Lab Sample ID :P2734-02AInstrumnet Name :P7

Client Sample ID :MYD3S7AREDilution Factor :1

Date & Time Acquired :2024-10-17 20:54:05DataFile Name :056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	43788.14	44727.84	44270.40	44262.13	1.06	ppb
Antimony	121-1	1.09	1.08	1.08	1.08	0.91	ppb
Arsenic	75-2	321.24	320.20	325.62	322.35	0.89	ppb
Barium	135-1	597.32	592.98	584.27	591.52	1.12	ppb
Barium	137-1	586.61	594.72	579.35	586.89	1.31	ppb
Beryllium	9-1	2.35	2.32	2.21	2.29	3.19	ppb
Bismuth	209-1				104		%
Bismuth	209-2				108		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	3.18	3.77	2.54	3.16	19.47	ppb
Cadmium	106-1	4.43	5.80	2.93	4.39	32.83	ppb
Cadmium	111-1	0.92	1.05	0.93	0.96	7.43	ppb
Calcium	43-1	9557.42	9848.70	9650.21	9685.44	1.54	ppb
Calcium	44-1	9248.91	9389.97	9016.30	9218.39	2.05	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	111.36	112.71	112.61	112.22	0.67	ppb
Cobalt	59-2	68.52	69.01	70.02	69.18	1.11	ppb
Copper	63-2	128.47	129.22	129.71	129.14	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				110		%
Holmium	165-2				111		%
Indium	115-1				104		%
Indium	115-2				106		%
Iron	56-2	112675.19	113700.66	114367.49	113581.11	0.75	ppb
Iron	57-2	111831.97	112828.71	113542.68	112734.45	0.76	ppb
Iron	54-2	112636.72	114131.90	114174.98	113647.87	0.77	ppb
Krypton	83-1						cps

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

P2734-02A

Instrumnet Name :

P7

Client Sample ID :

MYD3S7ARE

Dilution Factor :

1

Date & Time Acquired :

2024-10-17 20:54:05

DataFile Name :

056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	109.19	108.24	105.24	107.56	1.92	ppb
Lead	207-1	106.16	105.26	101.11	104.18	2.59	ppb
Lead	208-1	106.89	108.06	103.72	106.22	2.11	ppb
Lithium	6-1				104		%
Magnesium	24-2	18761.41	18632.16	18792.93	18728.83	0.45	ppb
Manganese	55-2	3209.35	3219.23	3266.06	3231.55	0.94	ppb
Molybdenum	94-1	36.49	36.58	35.97	36.35	0.90	ppb
Molybdenum	95-1	1.42	1.37	1.43	1.41	2.27	ppb
Molybdenum	96-1	5.69	5.72	5.59	5.66	1.15	ppb
Molybdenum	97-1	1.46	1.43	1.36	1.42	3.64	ppb
Molybdenum	98-1	1.33	1.31	1.24	1.29	3.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	115.95	116.56	118.14	116.88	0.97	ppb
Phosphorus	31-2	2071.62	2032.77	2029.81	2044.73	1.14	ppb
Potassium	39-2	10835.78	10866.99	10919.93	10874.23	0.39	ppb
Rhodium	103-1				101		%
Rhodium	103-2				105		%
Scandium	45-1				115		%
Scandium	45-2				118		%
Selenium	82-1	0.56	1.51	1.44	1.17	45.49	ppb
Selenium	77-2	20.35	19.57	15.67	18.53	13.52	ppb
Selenium	78-2	5.47	2.78	4.24	4.16	32.41	ppb
Silicon	28-1	7113.07	7190.96	6982.51	7095.51	1.48	ppb
Silver	107-1	0.17	0.17	0.21	0.18	10.96	ppb
Silver	109-1	0.15	0.18	0.16	0.16	8.05	ppb
Sodium	23-2	233.11	234.31	239.91	235.78	1.54	ppb
Strontium	86-1	90.14	89.07	86.95	88.72	1.83	ppb
Strontium	88-1	90.29	91.79	88.33	90.14	1.92	ppb
Sulfur	34-1	-2945.30	-2837.52	-3051.09	-2944.64		ppb
Terbium	159-1				108		%
Terbium	159-2				112		%
Thallium	203-1	0.60	0.65	0.63	0.62	4.34	ppb
Thallium	205-1	0.65	0.64	0.61	0.63	2.81	ppb
Tin	118-1	1.46	1.45	1.47	1.46	0.73	ppb
Titanium	47-1	1498.77	1509.77	1480.81	1496.45	0.98	ppb

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

P2734-02A

Instrumnet Name :

P7

Client Sample ID :

MYD3S7ARE

Dilution Factor :

1

Date & Time Acquired :

2024-10-17 20:54:05

DataFile Name :

056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.97	2.03	1.95	1.98	2.26	ppb
Vanadium	51-2	190.16	191.63	192.21	191.33	0.55	ppb
Yttrium	89-1				115		%
Yttrium	89-2				118		%
Zinc	66-2	214.28	217.34	218.09	216.57	0.93	ppb
Zirconium	90-1	19.24	19.04	18.56	18.95	1.84	ppb
Zirconium	91-1	18.87	19.29	18.62	18.93	1.81	ppb

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

P2818-01A

Instrumnet Name :

P7

Client Sample ID :

MYD581ARE

Dilution Factor :

1

Date & Time Acquired :

2024-10-17 20:59:32

DataFile Name :

057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	62836.46	63405.13	63940.95	63394.18	0.87	ppb
Antimony	121-1	1.60	1.51	1.50	1.54	3.63	ppb
Arsenic	75-2	150.80	152.35	154.59	152.58	1.25	ppb
Barium	135-1	803.59	767.22	746.36	772.39	3.75	ppb
Barium	137-1	804.97	766.45	747.48	772.97	3.79	ppb
Beryllium	9-1	2.85	2.49	2.65	2.66	6.67	ppb
Bismuth	209-1				98		%
Bismuth	209-2				109		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	6.84	6.48	7.25	6.86	5.61	ppb
Cadmium	106-1	7.91	8.82	9.17	8.64	7.57	ppb
Cadmium	111-1	6.99	7.05	7.12	7.05	0.92	ppb
Calcium	43-1	42964.75	41627.91	39216.59	41269.75	4.60	ppb
Calcium	44-1	40797.74	39487.21	37400.72	39228.56	4.37	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	104.71	104.06	106.28	105.02	1.09	ppb
Cobalt	59-2	55.21	54.80	56.28	55.43	1.38	ppb
Copper	63-2	837.31	841.52	856.15	844.99	1.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				110		%
Indium	115-1				96		%
Indium	115-2				104		%
Iron	56-2	121842.79	122806.49	125126.99	123258.76	1.37	ppb
Iron	57-2	122534.02	122994.80	124470.97	123333.26	0.82	ppb
Iron	54-2	123280.96	123917.87	125428.24	124209.03	0.89	ppb
Krypton	83-1						cps

LB Number : LB132992 Operator : Jaswal
Lab Sample ID : P2818-01A Instrumnet Name : P7
Client Sample ID : MYD581ARE Dilution Factor : 1
Date & Time Acquired : 2024-10-17 20:59:32 DataFile Name : 057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	830.13	779.83	769.74	793.23	4.08	ppb
Lead	207-1	827.69	790.92	771.16	796.59	3.60	ppb
Lead	208-1	825.04	788.54	767.28	793.62	3.68	ppb
Lithium	6-1				97		%
Magnesium	24-2	26116.54	26510.06	26423.23	26349.94	0.78	ppb
Manganese	55-2	4305.64	4352.11	4419.54	4359.10	1.31	ppb
Molybdenum	94-1	27.69	25.45	25.69	26.28	4.68	ppb
Molybdenum	95-1	2.48	2.27	2.32	2.36	4.74	ppb
Molybdenum	96-1	5.70	5.63	5.60	5.64	0.97	ppb
Molybdenum	97-1	2.41	2.23	2.19	2.28	4.96	ppb
Molybdenum	98-1	2.36	2.26	2.14	2.25	4.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	85.74	86.88	87.12	86.58	0.85	ppb
Phosphorus	31-2	3541.54	3564.92	3568.72	3558.39	0.41	ppb
Potassium	39-2	18502.37	18452.75	18920.22	18625.11	1.38	ppb
Rhodium	103-1				92		%
Rhodium	103-2				102		%
Scandium	45-1				108		%
Scandium	45-2				116		%
Selenium	82-1	4.30	2.84	2.62	3.26	28.09	ppb
Selenium	77-2	19.63	30.76	18.84	23.08	28.88	ppb
Selenium	78-2	3.98	8.26	6.59	6.28	34.36	ppb
Silicon	28-1	7616.52	7396.84	7028.13	7347.17	4.05	ppb
Silver	107-1	3.07	3.11	2.89	3.02	3.84	ppb
Silver	109-1	3.08	3.02	2.92	3.01	2.62	ppb
Sodium	23-2	890.74	891.73	910.23	897.57	1.22	ppb
Strontium	86-1	158.73	150.46	147.93	152.37	3.70	ppb
Strontium	88-1	159.68	154.75	153.85	156.09	2.01	ppb
Sulfur	34-1	-1125.37	-1159.50	-1581.72	-1288.86		ppb
Terbium	159-1				100		%
Terbium	159-2				109		%
Thallium	203-1	0.66	0.62	0.63	0.64	3.48	ppb
Thallium	205-1	0.68	0.65	0.64	0.66	3.44	ppb
Tin	118-1	10.43	10.32	10.08	10.28	1.75	ppb
Titanium	47-1	1688.15	1642.72	1563.39	1631.42	3.87	ppb

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

P2818-01A

Instrumnet Name :

P7

Client Sample ID :

MYD581ARE

Dilution Factor :

1

Date & Time Acquired :

2024-10-17 20:59:32

DataFile Name :

057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	1.63	1.54	1.51	1.56	4.16	ppb
Vanadium	51-2	189.54	189.09	192.04	190.22	0.84	ppb
Yttrium	89-1				111		%
Yttrium	89-2				121		%
Zinc	66-2	653.82	650.78	658.69	654.43	0.61	ppb
Zirconium	90-1	13.63	12.75	12.68	13.02	4.06	ppb
Zirconium	91-1	13.53	13.05	12.99	13.19	2.25	ppb

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

CCV091

Instrumnet Name :

P7

Client Sample ID :

CCV091

Dilution Factor :

1

Date & Time Acquired :

2024-10-17 21:05:02

DataFile Name :

058CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48693.90	54494.68	50217.67	51135.42	5.88	ppb
Antimony	121-1	485.77	490.02	496.12	490.63	1.06	ppb
Arsenic	75-2	466.28	501.05	468.61	478.65	4.06	ppb
Barium	135-1	2484.10	2444.07	2530.18	2486.12	1.73	ppb
Barium	137-1	2461.82	2457.66	2524.74	2481.41	1.51	ppb
Beryllium	9-1	494.07	503.93	503.11	500.37	1.09	ppb
Bismuth	209-1				92		%
Bismuth	209-2				89		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	469.52	483.34	478.05	476.97	1.46	ppb
Cadmium	106-1	462.17	470.32	480.77	471.09	1.98	ppb
Cadmium	111-1	468.97	467.71	483.00	473.23	1.79	ppb
Calcium	43-1	250653.35	256435.25	248489.64	251859.41	1.63	ppb
Calcium	44-1	251072.45	249368.42	245723.66	248721.51	1.10	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	476.89	522.94	479.06	492.96	5.27	ppb
Cobalt	59-2	499.02	550.23	502.49	517.25	5.53	ppb
Copper	63-2	4892.91	5406.53	4896.05	5065.16	5.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				101		%
Indium	115-1				92		%
Indium	115-2				92		%
Iron	56-2	128146.18	140863.65	128344.33	132451.39	5.50	ppb
Iron	57-2	128295.03	140788.55	128317.97	132467.19	5.44	ppb
Iron	54-2	130286.75	140661.84	129216.10	133388.23	4.74	ppb
Krypton	83-1						cps

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

CCV091

Instrumnet Name :

P7

Client Sample ID :

CCV091

Dilution Factor :

1

Date & Time Acquired :

2024-10-17 21:05:02

DataFile Name :

058CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	2458.10	2543.45	2508.46	2503.34	1.71	ppb
Lead	207-1	2512.36	2516.17	2484.38	2504.31	0.69	ppb
Lead	208-1	2500.31	2526.21	2495.42	2507.31	0.66	ppb
Lithium	6-1				93		%
Magnesium	24-2	241384.17	268126.21	244945.78	251485.38	5.77	ppb
Manganese	55-2	4639.06	5150.13	4686.91	4825.37	5.85	ppb
Molybdenum	94-1	5390.30	5523.31	5506.74	5473.45	1.32	ppb
Molybdenum	95-1	5357.81	5491.65	5488.95	5446.13	1.40	ppb
Molybdenum	96-1	5393.72	5554.84	5471.36	5473.31	1.47	ppb
Molybdenum	97-1	5426.46	5491.12	5421.22	5446.27	0.71	ppb
Molybdenum	98-1	5446.30	5481.58	5504.94	5477.61	0.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	490.62	546.91	493.56	510.36	6.21	ppb
Phosphorus	31-2	9316.35	10316.42	9526.67	9719.81	5.42	ppb
Potassium	39-2	123460.04	137045.62	125768.27	128757.98	5.65	ppb
Rhodium	103-1				88		%
Rhodium	103-2				89		%
Scandium	45-1				95		%
Scandium	45-2				96		%
Selenium	82-1	459.18	473.62	467.92	466.91	1.56	ppb
Selenium	77-2	444.79	480.10	471.04	465.31	3.94	ppb
Selenium	78-2	458.26	477.23	460.02	465.17	2.25	ppb
Silicon	28-1	503.87	498.73	500.56	501.05	0.52	ppb
Silver	107-1	467.24	483.89	485.84	478.99	2.13	ppb
Silver	109-1	478.47	481.80	485.58	481.95	0.74	ppb
Sodium	23-2	245405.74	273680.63	251443.81	256843.39	5.80	ppb
Strontium	86-1	12105.62	12380.37	12349.05	12278.35	1.22	ppb
Strontium	88-1	12170.73	12462.44	12404.47	12345.88	1.25	ppb
Sulfur	34-1	9510.20	9356.15	9161.32	9342.56	1.87	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	496.92	502.51	504.22	501.22	0.76	ppb
Thallium	205-1	495.74	511.74	502.52	503.33	1.60	ppb
Tin	118-1	496.92	485.98	492.60	491.84	1.12	ppb
Titanium	47-1	5591.84	5434.55	5369.52	5465.30	2.09	ppb

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

CCV091

Instrumnet Name :

P7

Client Sample ID :

CCV091

Dilution Factor :

1

Date & Time Acquired :

2024-10-17 21:05:02

DataFile Name :

058CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	505.29	519.76	510.24	511.76	1.44	ppb
Vanadium	51-2	468.63	515.50	471.12	485.08	5.44	ppb
Yttrium	89-1				96		%
Yttrium	89-2				96		%
Zinc	66-2	4762.80	5298.32	4812.37	4957.83	5.97	ppb
Zirconium	90-1	492.92	504.65	507.16	501.58	1.52	ppb
Zirconium	91-1	493.27	498.60	501.41	497.76	0.83	ppb

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

CCB091

Instrumnet Name :

P7

Client Sample ID :

CCB091

Dilution Factor :

1

Date & Time Acquired :

2024-10-17 21:07:56

DataFile Name :

059CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.89	1.52	2.31	1.91	20.86	ppb
Antimony	121-1	0.35	0.33	0.38	0.35	6.91	ppb
Arsenic	75-2	0.00	0.02	0.06	0.03	94.65	ppb
Barium	135-1	0.13	0.08	0.08	0.10	30.18	ppb
Barium	137-1	0.12	0.09	0.09	0.10	17.41	ppb
Beryllium	9-1	0.29	0.30	0.28	0.29	3.26	ppb
Bismuth	209-1				104		%
Bismuth	209-2				110		%
Bromine	81-1						cps
Bromine	81-2						cps
Cadmium	108-1	0.07	0.07	-0.02	0.04	120.88	ppb
Cadmium	106-1	-0.09	-1.15	-0.32	-0.52		ppb
Cadmium	111-1	0.05	-0.03	0.01	0.01	400.14	ppb
Calcium	43-1	9.57	7.27	9.98	8.94	16.34	ppb
Calcium	44-1	12.51	8.12	7.89	9.51	27.37	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	-0.03	0.01	0.00		ppb
Cobalt	59-2	0.03	0.04	0.03	0.03	13.99	ppb
Copper	63-2	0.36	0.40	0.53	0.43	21.37	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				104		%
Holmium	165-2				108		%
Indium	115-1				102		%
Indium	115-2				106		%
Iron	56-2	7.74	7.77	8.03	7.84	2.06	ppb
Iron	57-2	5.03	5.45	6.05	5.51	9.29	ppb
Iron	54-2	6.51	7.26	8.33	7.37	12.43	ppb
Krypton	83-1						cps

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

CCB091

Instrumnet Name :

P7

Client Sample ID :

CCB091

Dilution Factor :

1

Date & Time Acquired :

2024-10-17 21:07:56

DataFile Name :

059CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	206-1	0.22	0.20	0.17	0.20	12.60	ppb
Lead	207-1	0.20	0.15	0.14	0.16	20.04	ppb
Lead	208-1	0.21	0.18	0.16	0.18	14.09	ppb
Lithium	6-1				100		%
Magnesium	24-2	7.41	8.21	8.94	8.19	9.30	ppb
Manganese	55-2	0.24	0.25	0.29	0.26	9.82	ppb
Molybdenum	94-1	0.55	0.48	0.48	0.50	8.87	ppb
Molybdenum	95-1	0.40	0.34	0.31	0.35	13.66	ppb
Molybdenum	96-1	0.44	0.39	0.38	0.40	8.86	ppb
Molybdenum	97-1	0.51	0.35	0.32	0.39	26.10	ppb
Molybdenum	98-1	0.37	0.35	0.31	0.35	8.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.01	0.00	0.01	132.02	ppb
Phosphorus	31-2	-21.83	-12.04	-17.81	-17.23		ppb
Potassium	39-2	-9.10	-4.46	-1.07	-4.88		ppb
Rhodium	103-1				99		%
Rhodium	103-2				105		%
Scandium	45-1				100		%
Scandium	45-2				104		%
Selenium	82-1	0.24	-0.27	0.00	-0.01		ppb
Selenium	77-2	0.00	0.00	0.60	0.20	173.21	ppb
Selenium	78-2	-1.40	1.18	-1.53	-0.58		ppb
Silicon	28-1	-7.94	-7.19	-9.25	-8.13		ppb
Silver	107-1	0.09	0.05	0.06	0.07	27.15	ppb
Silver	109-1	0.09	0.05	0.05	0.07	32.71	ppb
Sodium	23-2	47.94	46.56	49.10	47.87	2.66	ppb
Strontium	86-1	0.54	0.41	0.37	0.44	20.23	ppb
Strontium	88-1	0.56	0.45	0.40	0.47	17.44	ppb
Sulfur	34-1	-1115.28	-970.89	-976.82	-1021.00		ppb
Terbium	159-1				104		%
Terbium	159-2				108		%
Thallium	203-1	0.08	0.06	0.07	0.07	14.73	ppb
Thallium	205-1	0.07	0.07	0.06	0.07	3.29	ppb
Tin	118-1	0.06	0.06	0.08	0.07	15.09	ppb
Titanium	47-1	0.31	0.29	0.37	0.32	12.90	ppb

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

CCB091

Instrumnet Name :

P7

Client Sample ID :

CCB091

Dilution Factor :

1

Date & Time Acquired :

2024-10-17 21:07:56

DataFile Name :

059CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Uranium	238-1	0.02	0.02	0.01	0.02	16.39	ppb
Vanadium	51-2	0.02	0.02	0.02	0.02	6.88	ppb
Yttrium	89-1				101		%
Yttrium	89-2				105		%
Zinc	66-2	0.30	0.15	0.26	0.24	31.94	ppb
Zirconium	90-1	0.11	0.10	0.11	0.10	4.06	ppb
Zirconium	91-1	0.10	0.08	0.08	0.08	14.20	ppb

LB Number : LB132992 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P7
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2024-10-17 16:19:52 DataFile Name : 004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	57	80	77	71	17.74	cps
Antimony	121-1	7	20	23	17	52.90	cps
Arsenic	75-2	3	3	0	2	86.60	cps
Barium	135-1	13	17	17	16	12.40	cps
Barium	137-1	30	37	27	31	16.37	cps
Beryllium	9-1	20	20	23	21	9.11	cps
Bismuth	209-1	2309641	2292032	2310463	2304045	0.45	cps
Bismuth	209-2	1677392	1830947	1855824	1788054	5.40	cps
Bromine	81-1	6728	6552	6618	6633	1.35	cps
Bromine	81-2	37	57	20	38	48.60	cps
Cadmium	108-1	0	10	3	4	114.60	cps
Cadmium	106-1	1383	1387	1340	1370	1.90	cps
Cadmium	111-1	968	964	936	956	1.85	cps
Calcium	43-1	137	123	193	151	24.60	cps
Calcium	44-1	2707	2424	2570	2567	5.52	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	160	170	223	184	18.46	cps
Cobalt	59-2	7	20	13	13	49.99	cps
Copper	63-2	510	547	577	544	6.13	cps
Dysprosium	156-1	17	30	7	18	65.83	cps
Dysprosium	156-2	3	10	0	4	114.60	cps
Erbium	164-1	13	7	13	11	34.61	cps
Erbium	164-2	3	0	13	6	124.93	cps
Gadolinium	160-1	17	13	13	14	13.35	cps
Gadolinium	160-2	90	107	127	108	17.03	cps
Holmium	165-1	3629252	3660820	3648201	3646091	0.44	cps
Holmium	165-2	2273322	2528936	2554417	2452225	6.34	cps
Indium	115-1	2810973	2826135	2854114	2830408	0.77	cps
Indium	115-2	805012	884408	904056	864492	6.07	cps
Iron	56-2	4207	4524	4604	4445	4.72	cps
Iron	57-2	547	583	583	571	3.69	cps
Iron	54-2	830	730	867	809	8.75	cps
Krypton	83-1	73	87	90	83	10.59	cps

LB Number : LB132992 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P7
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2024-10-17 16:19:52 DataFile Name : 004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	90	97	90	92	4.18	cps
Lead	207-1	107	107	70	94	22.42	cps
Lead	208-1	433	400	353	396	10.16	cps
Lithium	6-1	751308	746668	753327	750434	0.46	cps
Magnesium	24-2	1090	1050	1157	1099	4.90	cps
Manganese	55-2	77	80	90	82	8.44	cps
Molybdenum	94-1	60	73	73	69	11.17	cps
Molybdenum	95-1	13	23	20	19	26.96	cps
Molybdenum	96-1	53	27	20	33	52.91	cps
Molybdenum	97-1	3	0	10	4	114.60	cps
Molybdenum	98-1	23	30	20	24	20.83	cps
Neodymium	150-1	0	3	3	2	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	47	57	67	57	17.65	cps
Phosphorus	31-2	103	113	117	111	6.25	cps
Potassium	39-2	33864	33908	33380	33717	0.87	cps
Rhodium	103-1	2536796	2510479	2536358	2527878	0.60	cps
Rhodium	103-2	1263722	1378868	1407258	1349949	5.63	cps
Scandium	45-1	1469072	1471410	1470683	1470388	0.08	cps
Scandium	45-2	117839	128190	131411	125813	5.64	cps
Selenium	82-1	66	102	106	92	24.11	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	110	83	77	90	19.60	cps
Silicon	28-1	192669	193186	191575	192476	0.43	cps
Silver	107-1	43	20	17	27	54.47	cps
Silver	109-1	17	10	10	12	31.50	cps
Sodium	23-2	5068	5141	5021	5076	1.19	cps
Strontium	86-1	120	113	127	120	5.55	cps
Strontium	88-1	97	103	70	90	19.60	cps
Sulfur	34-1	128168	129328	127833	128443	0.61	cps
Terbium	159-1	3694262	3755794	3757822	3735960	0.97	cps
Terbium	159-2	2197942	2455389	2514916	2389416	7.05	cps
Thallium	203-1	13	10	0	8	89.21	cps
Thallium	205-1	20	37	37	31	30.93	cps
Tin	118-1	867	727	763	786	9.24	cps
Titanium	47-1	40	37	23	33	26.47	cps

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

S00

Instrumnet Name :

P7

Client Sample ID :

S0

Dilution Factor :

1

Date & Time Acquired :

2024-10-17 16:19:52

DataFile Name :

004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7	7	3	6	34.70	cps
Vanadium	51-2	3	3	3	3	0.00	cps
Yttrium	89-1	4649575	4687281	4676881	4671246	0.42	cps
Yttrium	89-2	1042976	1149102	1166521	1119533	5.97	cps
Zinc	66-2	97	57	67	73	28.39	cps
Zirconium	90-1	187	147	127	153	19.92	cps
Zirconium	91-1	27	27	40	31	24.74	cps

LB Number : LB132992 Operator : Jaswal
Lab Sample ID : S02 Instrumnet Name : P7
Client Sample ID : S02 Dilution Factor : 1
Date & Time Acquired : 2024-10-17 16:23:14 DataFile Name : 005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1980	1880	1967	1942	2.80	cps
Antimony	121-1	8399	8292	8009	8234	2.45	cps
Arsenic	75-2	190	170	250	203	20.48	cps
Barium	135-1	10337	10651	10334	10441	1.74	cps
Barium	137-1	17805	18385	18546	18245	2.14	cps
Beryllium	9-1	843	927	903	891	4.82	cps
Bismuth	209-1	2325909	2301126	2262338	2296458	1.40	cps
Bismuth	209-2	1851179	1889274	1860918	1867124	1.06	cps
Bromine	81-1	6518	6395	6245	6386	2.14	cps
Bromine	81-2	23	47	40	37	32.79	cps
Cadmium	108-1	103	93	117	104	11.21	cps
Cadmium	106-1	1527	1623	1373	1508	8.36	cps
Cadmium	111-1	2103	2234	1850	2062	9.48	cps
Calcium	43-1	5908	5951	5828	5896	1.06	cps
Calcium	44-1	92956	95096	94955	94335	1.27	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3110	3287	3184	3194	2.78	cps
Cobalt	59-2	2290	2287	2397	2325	2.69	cps
Copper	63-2	3537	3674	3480	3564	2.79	cps
Dysprosium	156-1	23	3	7	11	96.43	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	10	10	7	9	21.63	cps
Erbium	164-2	10	13	10	11	17.30	cps
Gadolinium	160-1	0	20	20	13	86.60	cps
Gadolinium	160-2	107	110	133	117	12.46	cps
Holmium	165-1	3687146	3677481	3641605	3668744	0.65	cps
Holmium	165-2	2520472	2571580	2542223	2544758	1.01	cps
Indium	115-1	2860030	2854410	2820775	2845072	0.75	cps
Indium	115-2	897035	913665	901696	904132	0.95	cps
Iron	56-2	74496	73897	73800	74064	0.51	cps
Iron	57-2	2313	2329	2254	2299	1.71	cps
Iron	54-2	4831	4734	4771	4779	1.02	cps
Krypton	83-1	73	73	57	68	14.19	cps

LB Number : LB132992 Operator : Jaswal
Lab Sample ID : S02 Instrumnet Name : P7
Client Sample ID : S02 Dilution Factor : 1
Date & Time Acquired : 2024-10-17 16:23:14 DataFile Name : 005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3234	3084	3037	3118	3.30	cps
Lead	207-1	2757	2704	2877	2779	3.20	cps
Lead	208-1	12853	12609	12506	12656	1.41	cps
Lithium	6-1	762354	759142	757353	759616	0.33	cps
Magnesium	24-2	83411	82949	83870	83410	0.55	cps
Manganese	55-2	1237	1273	1147	1219	5.35	cps
Molybdenum	94-1	8076	7982	8296	8118	1.98	cps
Molybdenum	95-1	10160	9610	9680	9817	3.05	cps
Molybdenum	96-1	10704	11405	10954	11021	3.22	cps
Molybdenum	97-1	6125	6241	6381	6249	2.06	cps
Molybdenum	98-1	16363	16026	16229	16206	1.05	cps
Neodymium	150-1	0	3	3	2	86.60	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	620	593	627	613	2.88	cps
Phosphorus	31-2	243	247	257	249	2.79	cps
Potassium	39-2	129485	128735	130449	129556	0.66	cps
Rhodium	103-1	2564904	2545586	2566851	2559114	0.46	cps
Rhodium	103-2	1410606	1412204	1404857	1409222	0.27	cps
Scandium	45-1	1503994	1491853	1486080	1493976	0.61	cps
Scandium	45-2	131642	132610	130089	131447	0.97	cps
Selenium	82-1	407	367	411	395	6.11	cps
Selenium	77-2	33	53	37	41	26.06	cps
Selenium	78-2	160	230	223	204	18.90	cps
Silicon	28-1	202299	202095	202644	202346	0.14	cps
Silver	107-1	4577	4664	4581	4607	1.07	cps
Silver	109-1	4651	4721	4477	4616	2.71	cps
Sodium	23-2	134565	135446	135432	135148	0.37	cps
Strontium	86-1	1437	1443	1543	1475	4.05	cps
Strontium	88-1	11728	11705	11675	11703	0.23	cps
Sulfur	34-1	126878	129173	127624	127892	0.92	cps
Terbium	159-1	3780636	3823673	3724587	3776299	1.32	cps
Terbium	159-2	2519066	2490318	2483602	2497662	0.75	cps
Thallium	203-1	3754	3674	3777	3735	1.45	cps
Thallium	205-1	8623	8986	9043	8884	2.57	cps
Tin	118-1	18279	17813	17837	17976	1.46	cps
Titanium	47-1	2707	2350	2430	2496	7.50	cps

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

S02

Instrumnet Name :

P7

Client Sample ID :

S02

Dilution Factor :

1

Date & Time Acquired :

2024-10-17 16:23:14

DataFile Name :

005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11151	11388	11211	11250	1.09	cps
Vanadium	51-2	6765	6898	6795	6819	1.03	cps
Yttrium	89-1	4734590	4704415	4716136	4718380	0.32	cps
Yttrium	89-2	1161943	1167570	1162071	1163861	0.28	cps
Zinc	66-2	1333	1467	1457	1419	5.23	cps
Zirconium	90-1	6688	6725	6605	6673	0.92	cps
Zirconium	91-1	1407	1650	1670	1576	9.31	cps

LB Number :LB132992Operator :Jaswal

Lab Sample ID :S03Instrumnet Name :P7

Client Sample ID :S03Dilution Factor :1

Date & Time Acquired :2024-10-17 16:26:38DataFile Name :006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	96129	96467	96333	96310	0.18	cps
Antimony	121-1	204023	205108	203095	204075	0.49	cps
Arsenic	75-2	9049	9093	9096	9080	0.29	cps
Barium	135-1	274646	275796	278416	276286	0.70	cps
Barium	137-1	472518	475173	477176	474956	0.49	cps
Beryllium	9-1	40349	41231	41839	41140	1.82	cps
Bismuth	209-1	2297024	2317481	2334690	2316398	0.81	cps
Bismuth	209-2	1878586	1902627	1866414	1882542	0.98	cps
Bromine	81-1	6415	6575	6511	6500	1.24	cps
Bromine	81-2	43	30	37	37	18.18	cps
Cadmium	108-1	3717	3814	3827	3786	1.59	cps
Cadmium	106-1	6852	6912	6715	6826	1.48	cps
Cadmium	111-1	52197	53001	53231	52810	1.03	cps
Calcium	43-1	62662	62712	62384	62586	0.28	cps
Calcium	44-1	967260	965164	964365	965596	0.15	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	75045	76191	75246	75494	0.81	cps
Cobalt	59-2	112715	112672	112843	112744	0.08	cps
Copper	63-2	795879	793382	789798	793020	0.39	cps
Dysprosium	156-1	23	20	7	17	52.90	cps
Dysprosium	156-2	30	17	17	21	36.45	cps
Erbium	164-1	23	30	13	22	37.76	cps
Erbium	164-2	7	20	10	12	56.76	cps
Gadolinium	160-1	20	3	20	14	66.64	cps
Gadolinium	160-2	100	110	150	120	22.05	cps
Holmium	165-1	3767668	3696983	3732135	3732262	0.95	cps
Holmium	165-2	2555967	2620800	2588603	2588457	1.25	cps
Indium	115-1	2862531	2837820	2833561	2844637	0.55	cps
Indium	115-2	899387	909473	903397	904086	0.56	cps
Iron	56-2	3290615	3297991	3259748	3282784	0.62	cps
Iron	57-2	85349	86336	87289	86324	1.12	cps
Iron	54-2	195930	194107	194442	194826	0.50	cps
Krypton	83-1	73	60	73	69	11.17	cps

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

S03

Instrumnet Name :

P7

Client Sample ID :

S03

Dilution Factor :

1

Date & Time Acquired :

2024-10-17 16:26:38

DataFile Name :

006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	774486	780524	782472	779161	0.53	cps
Lead	207-1	672112	671150	670612	671291	0.11	cps
Lead	208-1	3088472	3093279	3096803	3092851	0.14	cps
Lithium	6-1	758939	756876	758624	758147	0.15	cps
Magnesium	24-2	780427	780411	776982	779273	0.25	cps
Manganese	55-2	587561	583604	586593	585920	0.35	cps
Molybdenum	94-1	750187	753502	754555	752748	0.30	cps
Molybdenum	95-1	1092197	1101012	1099484	1097564	0.43	cps
Molybdenum	96-1	1196618	1196639	1195801	1196353	0.04	cps
Molybdenum	97-1	692575	695699	694178	694151	0.23	cps
Molybdenum	98-1	1764593	1764127	1790151	1772957	0.84	cps
Neodymium	150-1	37	10	33	27	54.49	cps
Neodymium	150-2	10	13	0	8	89.21	cps
Nickel	60-2	29165	28280	28367	28604	1.71	cps
Phosphorus	31-2	4544	4634	4544	4574	1.14	cps
Potassium	39-2	519918	520394	519599	519970	0.08	cps
Rhodium	103-1	2536270	2508830	2561254	2535451	1.03	cps
Rhodium	103-2	1392561	1406600	1403682	1400948	0.53	cps
Scandium	45-1	1512706	1501976	1469247	1494643	1.51	cps
Scandium	45-2	129463	132029	131615	131036	1.05	cps
Selenium	82-1	3033	3077	3095	3068	1.04	cps
Selenium	77-2	290	277	257	274	6.11	cps
Selenium	78-2	1000	1043	1080	1041	3.85	cps
Silicon	28-1	294066	298381	297337	296594	0.76	cps
Silver	107-1	250795	252488	250275	251186	0.46	cps
Silver	109-1	235760	238186	239425	237790	0.78	cps
Sodium	23-2	1259335	1265083	1259120	1261179	0.27	cps
Strontium	86-1	1643349	1655495	1671702	1656849	0.86	cps
Strontium	88-1	14186919	14282637	14362369	14277309	0.62	cps
Sulfur	34-1	139695	137939	138497	138710	0.65	cps
Terbium	159-1	3831803	3777726	3786401	3798643	0.76	cps
Terbium	159-2	2514522	2537317	2564023	2538621	0.98	cps
Thallium	203-1	190133	191808	192118	191353	0.56	cps
Thallium	205-1	453939	453001	457052	454664	0.47	cps
Tin	118-1	177711	180835	179503	179350	0.87	cps
Titanium	47-1	271412	271593	273130	272045	0.35	cps

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

S03

Instrumnet Name :

P7

Client Sample ID :

S03

Dilution Factor :

1

Date & Time Acquired :

2024-10-17 16:26:38

DataFile Name :

006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	581493	584496	584991	583660	0.32	cps
Vanadium	51-2	68082	66874	66318	67092	1.34	cps
Yttrium	89-1	4704154	4680565	4620296	4668338	0.93	cps
Yttrium	89-2	1170083	1170863	1171482	1170809	0.06	cps
Zinc	66-2	131856	128944	129838	130213	1.15	cps
Zirconium	90-1	337297	341887	339344	339509	0.68	cps
Zirconium	91-1	75051	75684	76558	75764	1.00	cps

LB Number :LB132992Operator :Jaswal

Lab Sample ID :S04Instrumnet Name :P7

Client Sample ID :S04Dilution Factor :1

Date & Time Acquired :2024-10-17 16:29:55DataFile Name :007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	232427	231720	232514	232220	0.19	cps
Antimony	121-1	505749	509819	508929	508166	0.42	cps
Arsenic	75-2	22774	22531	22444	22583	0.76	cps
Barium	135-1	683417	682249	686772	684146	0.34	cps
Barium	137-1	1173735	1181856	1183667	1179752	0.45	cps
Beryllium	9-1	100669	101176	100804	100883	0.26	cps
Bismuth	209-1	2305982	2342649	2341067	2329899	0.89	cps
Bismuth	209-2	1853381	1899047	1884390	1878939	1.24	cps
Bromine	81-1	6361	6268	6275	6301	0.83	cps
Bromine	81-2	37	30	20	29	29.04	cps
Cadmium	108-1	9987	9460	9627	9691	2.78	cps
Cadmium	106-1	15105	15465	15175	15248	1.25	cps
Cadmium	111-1	128472	129322	130575	129456	0.82	cps
Calcium	43-1	152572	151810	152376	152252	0.26	cps
Calcium	44-1	2194321	2161685	2202858	2186288	0.99	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	185607	183690	182840	184046	0.77	cps
Cobalt	59-2	274908	272313	274498	273906	0.51	cps
Copper	63-2	1934196	1946630	1925713	1935513	0.54	cps
Dysprosium	156-1	3	30	50	28	84.29	cps
Dysprosium	156-2	33	20	50	34	43.64	cps
Erbium	164-1	37	30	23	30	22.23	cps
Erbium	164-2	13	10	20	14	35.26	cps
Gadolinium	160-1	23	10	27	20	44.10	cps
Gadolinium	160-2	100	110	93	101	8.30	cps
Holmium	165-1	3752265	3707792	3706915	3722324	0.70	cps
Holmium	165-2	2586220	2582846	2564812	2577959	0.45	cps
Indium	115-1	2838550	2806052	2808781	2817795	0.64	cps
Indium	115-2	904452	893261	891603	896439	0.78	cps
Iron	56-2	8202126	8042146	8073428	8105900	1.05	cps
Iron	57-2	211838	210647	211239	211241	0.28	cps
Iron	54-2	476597	472969	472544	474037	0.47	cps
Krypton	83-1	53	90	60	68	28.82	cps

LB Number : LB132992 Operator : Jaswal
Lab Sample ID : S04 Instrumnet Name : P7
Client Sample ID : S04 Dilution Factor : 1
Date & Time Acquired : 2024-10-17 16:29:55 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2131996	2161201	2150612	2147936	0.69	cps
Lead	207-1	1883892	1923808	1853761	1887154	1.86	cps
Lead	208-1	8559120	8689027	8573528	8607225	0.83	cps
Lithium	6-1	748639	743942	752920	748500	0.60	cps
Magnesium	24-2	1821404	1828418	1838281	1829368	0.46	cps
Manganese	55-2	1387045	1383646	1391582	1387424	0.29	cps
Molybdenum	94-1	1855969	1871535	1867109	1864871	0.43	cps
Molybdenum	95-1	2725018	2766517	2744112	2745216	0.76	cps
Molybdenum	96-1	2945609	2949581	2965468	2953553	0.36	cps
Molybdenum	97-1	1672341	1712194	1725474	1703336	1.62	cps
Molybdenum	98-1	4330425	4386333	4433811	4383523	1.18	cps
Neodymium	150-1	37	53	40	43	20.34	cps
Neodymium	150-2	20	13	3	12	68.66	cps
Nickel	60-2	67678	68824	67240	67914	1.20	cps
Phosphorus	31-2	11218	11121	11178	11172	0.44	cps
Potassium	39-2	1229026	1232237	1228582	1229948	0.16	cps
Rhodium	103-1	2487986	2475828	2471704	2478506	0.34	cps
Rhodium	103-2	1396718	1377695	1384827	1386413	0.69	cps
Scandium	45-1	1470556	1473171	1470841	1471523	0.10	cps
Scandium	45-2	130274	129736	128889	129633	0.54	cps
Selenium	82-1	7368	7514	7286	7390	1.56	cps
Selenium	77-2	710	693	677	693	2.40	cps
Selenium	78-2	2330	2414	2477	2407	3.06	cps
Silicon	28-1	441672	444017	450920	445536	1.08	cps
Silver	107-1	613165	621402	620332	618299	0.72	cps
Silver	109-1	585689	585341	590554	587195	0.50	cps
Sodium	23-2	3036334	3109960	3113721	3086672	1.41	cps
Strontium	86-1	3982788	4028298	4094408	4035165	1.39	cps
Strontium	88-1	35156304	35396005	35209585	35253965	0.36	cps
Sulfur	34-1	160260	160267	160769	160432	0.18	cps
Terbium	159-1	3767849	3824743	3844253	3812282	1.04	cps
Terbium	159-2	2580335	2476874	2551419	2536209	2.10	cps
Thallium	203-1	476372	480343	487447	481387	1.17	cps
Thallium	205-1	1144611	1146165	1147545	1146107	0.13	cps
Tin	118-1	443020	445054	446845	444973	0.43	cps
Titanium	47-1	662452	662283	670507	665081	0.71	cps

LB Number :LB132992

Operator :Jaswal

Lab Sample ID :S04

Instrumnet Name :P7

Client Sample ID :S04

Dilution Factor :1

Date & Time Acquired :2024-10-17 16:29:55

DataFile Name :007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1466656	1482818	1493740	1481071	0.92	cps
Vanadium	51-2	166049	166312	165698	166020	0.19	cps
Yttrium	89-1	4706387	4644228	4658965	4669860	0.70	cps
Yttrium	89-2	1168869	1153041	1149855	1157255	0.88	cps
Zinc	66-2	320777	321327	317976	320027	0.56	cps
Zirconium	90-1	840408	849302	845109	844940	0.53	cps
Zirconium	91-1	187758	188730	189253	188580	0.40	cps

LB Number :LB132992

Operator :Jaswal

Lab Sample ID :S05

Instrumnet Name :P7

Client Sample ID :S05

Dilution Factor :1

Date & Time Acquired :2024-10-17 16:33:04

DataFile Name :008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	458186	454002	454736	455641	0.49	cps
Antimony	121-1	1006108	1021436	1014842	1014128	0.76	cps
Arsenic	75-2	43868	44563	44323	44251	0.80	cps
Barium	135-1	1345982	1353605	1354852	1351480	0.36	cps
Barium	137-1	2443571	2441965	2452699	2446079	0.24	cps
Beryllium	9-1	195506	197351	196950	196602	0.49	cps
Bismuth	209-1	2333937	2328947	2310407	2324430	0.53	cps
Bismuth	209-2	1864293	1853449	1864017	1860586	0.33	cps
Bromine	81-1	6275	6451	6358	6361	1.39	cps
Bromine	81-2	50	20	33	34	43.64	cps
Cadmium	108-1	18669	19126	19136	18977	1.41	cps
Cadmium	106-1	28364	28495	28789	28549	0.76	cps
Cadmium	111-1	254380	255644	252788	254270	0.56	cps
Calcium	43-1	296260	296556	296247	296354	0.06	cps
Calcium	44-1	4290789	4282914	4288533	4287412	0.09	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	357640	357837	356431	357303	0.21	cps
Cobalt	59-2	532016	533600	529337	531651	0.41	cps
Copper	63-2	3710179	3757433	3728736	3732116	0.64	cps
Dysprosium	156-1	43	37	23	34	29.57	cps
Dysprosium	156-2	50	70	77	66	21.17	cps
Erbium	164-1	20	23	30	24	20.83	cps
Erbium	164-2	27	13	20	20	33.35	cps
Gadolinium	160-1	13	20	27	20	33.35	cps
Gadolinium	160-2	83	130	137	117	24.91	cps
Holmium	165-1	3747595	3716141	3728303	3730680	0.43	cps
Holmium	165-2	2621574	2561114	2569483	2584057	1.27	cps
Indium	115-1	2749416	2753369	2750124	2750970	0.08	cps
Indium	115-2	883681	871715	877504	877633	0.68	cps
Iron	56-2	15769209	15703764	15599937	15690970	0.54	cps
Iron	57-2	409915	413058	409501	410824	0.47	cps
Iron	54-2	927337	924262	917354	922984	0.55	cps
Krypton	83-1	43	40	67	50	29.06	cps

LB Number : LB132992 Operator : Jaswal
Lab Sample ID : S05 Instrumnet Name : P7
Client Sample ID : S05 Dilution Factor : 1
Date & Time Acquired : 2024-10-17 16:33:04 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	4301546	4279446	4338541	4306511	0.69	cps
Lead	207-1	3786256	3835641	3806761	3809553	0.65	cps
Lead	208-1	17107652	17291708	17236529	17211963	0.55	cps
Lithium	6-1	737721	729674	731935	733110	0.57	cps
Magnesium	24-2	3587723	3551703	3557637	3565688	0.54	cps
Manganese	55-2	2762087	2716740	2697982	2725603	1.21	cps
Molybdenum	94-1	3670974	3720958	3649410	3680447	1.00	cps
Molybdenum	95-1	5314621	5390310	5257060	5320664	1.26	cps
Molybdenum	96-1	5764305	5757395	5771690	5764463	0.12	cps
Molybdenum	97-1	3350247	3323348	3372797	3348797	0.74	cps
Molybdenum	98-1	8668672	8690118	8635130	8664640	0.32	cps
Neodymium	150-1	127	120	93	113	15.57	cps
Neodymium	150-2	17	20	30	22	31.22	cps
Nickel	60-2	133229	131742	131968	132313	0.61	cps
Phosphorus	31-2	22213	21031	21682	21642	2.73	cps
Potassium	39-2	2184705	2210228	2160586	2185173	1.14	cps
Rhodium	103-1	2459686	2383032	2408086	2416935	1.62	cps
Rhodium	103-2	1361240	1346530	1355735	1354501	0.55	cps
Scandium	45-1	1454110	1451785	1428095	1444663	1.00	cps
Scandium	45-2	127710	125460	126848	126673	0.90	cps
Selenium	82-1	14228	14612	14393	14411	1.34	cps
Selenium	77-2	1297	1287	1187	1257	4.84	cps
Selenium	78-2	4464	4474	4564	4501	1.22	cps
Silicon	28-1	675623	686211	685691	682509	0.87	cps
Silver	107-1	1206236	1220896	1211542	1212891	0.61	cps
Silver	109-1	1140560	1156886	1153443	1150296	0.75	cps
Sodium	23-2	6112900	6058846	6114096	6095281	0.52	cps
Strontium	86-1	7868314	8035980	7982669	7962321	1.08	cps
Strontium	88-1	69758394	69948912	69518261	69741856	0.31	cps
Sulfur	34-1	195402	194485	195183	195023	0.25	cps
Terbium	159-1	3771717	3780711	3837455	3796628	0.94	cps
Terbium	159-2	2603525	2506586	2550442	2553518	1.90	cps
Thallium	203-1	955002	963432	960205	959546	0.44	cps
Thallium	205-1	2513178	2544725	2539112	2532338	0.66	cps
Tin	118-1	869333	873820	876373	873175	0.41	cps
Titanium	47-1	1249638	1275347	1275418	1266801	1.17	cps

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

S05

Instrumnet Name :

P7

Client Sample ID :

S05

Dilution Factor :

1

Date & Time Acquired :

2024-10-17 16:33:04

DataFile Name :

008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3345566	3381236	3401363	3376055	0.84	cps
Vanadium	51-2	321035	319989	322100	321042	0.33	cps
Yttrium	89-1	4622106	4555284	4579541	4585644	0.74	cps
Yttrium	89-2	1144226	1133497	1131423	1136382	0.60	cps
Zinc	66-2	627117	623394	623526	624679	0.34	cps
Zirconium	90-1	1648648	1674326	1633468	1652147	1.25	cps
Zirconium	91-1	368951	373874	372561	371795	0.69	cps

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

LB132992
S06
S06
2024-10-17 16:36:06

Operator :
Instrumnet Name :
Dilution Factor :
DataFile Name :

Jaswal
P7
1
009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	896692	890288	882588	889856	0.79	cps
Antimony	121-1	2055964	2028479	2071747	2052063	1.07	cps
Arsenic	75-2	88005	86611	87472	87363	0.81	cps
Barium	135-1	2779614	2808560	2796933	2795036	0.52	cps
Barium	137-1	4782780	4872307	4812776	4822621	0.94	cps
Beryllium	9-1	378937	381057	382168	380720	0.43	cps
Bismuth	209-1	2305384	2278233	2342971	2308863	1.41	cps
Bismuth	209-2	1890860	1878196	1891547	1886868	0.40	cps
Bromine	81-1	6081	6151	6361	6198	2.35	cps
Bromine	81-2	20	47	13	27	66.16	cps
Cadmium	108-1	37234	37037	37208	37160	0.29	cps
Cadmium	106-1	54060	55248	55198	54835	1.23	cps
Cadmium	111-1	493445	494415	496918	494926	0.36	cps
Calcium	43-1	575979	580177	577430	577862	0.37	cps
Calcium	44-1	8314214	8388130	8444391	8382245	0.78	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	700969	695318	698002	698096	0.40	cps
Cobalt	59-2	1033989	1034116	1036614	1034907	0.14	cps
Copper	63-2	7220506	7250457	7113522	7194828	1.00	cps
Dysprosium	156-1	57	60	47	54	12.74	cps
Dysprosium	156-2	163	70	110	114	40.92	cps
Erbium	164-1	13	37	40	30	48.44	cps
Erbium	164-2	10	30	13	18	60.28	cps
Gadolinium	160-1	27	23	20	23	14.29	cps
Gadolinium	160-2	133	110	113	119	10.62	cps
Holmium	165-1	3779373	3722299	3752990	3751554	0.76	cps
Holmium	165-2	2683899	2622402	2657213	2654504	1.16	cps
Indium	115-1	2725305	2707481	2681678	2704821	0.81	cps
Indium	115-2	865799	869799	866229	867276	0.25	cps
Iron	56-2	30994814	30823103	31066452	30961456	0.40	cps
Iron	57-2	810979	801995	801864	804946	0.65	cps
Iron	54-2	1729532	1693104	1717757	1713464	1.08	cps
Krypton	83-1	67	80	57	68	17.27	cps

LB Number : LB132992 Operator : Jaswal
Lab Sample ID : S06 Instrumnet Name : P7
Client Sample ID : S06 Dilution Factor : 1
Date & Time Acquired : 2024-10-17 16:36:06 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	8493342	8675118	8621872	8596777	1.09	cps
Lead	207-1	7537378	7525940	7525772	7529697	0.09	cps
Lead	208-1	34057467	34242782	34373484	34224578	0.46	cps
Lithium	6-1	728807	712029	721770	720869	1.17	cps
Magnesium	24-2	7062038	6944296	6921042	6975792	1.08	cps
Manganese	55-2	5322463	5384742	5374373	5360526	0.62	cps
Molybdenum	94-1	7117900	7216759	7192974	7175878	0.72	cps
Molybdenum	95-1	10581875	10461573	10551111	10531520	0.59	cps
Molybdenum	96-1	11432320	11626999	11512362	11523894	0.85	cps
Molybdenum	97-1	6516122	6637702	6600808	6584877	0.95	cps
Molybdenum	98-1	16843995	17172675	17250671	17089114	1.26	cps
Neodymium	150-1	190	210	197	199	5.12	cps
Neodymium	150-2	30	43	37	37	18.18	cps
Nickel	60-2	254589	256404	255707	255567	0.36	cps
Phosphorus	31-2	42185	42061	42723	42323	0.83	cps
Potassium	39-2	4287551	4287038	4264661	4279750	0.31	cps
Rhodium	103-1	2359785	2376646	2344854	2360428	0.67	cps
Rhodium	103-2	1328387	1336397	1339899	1334894	0.44	cps
Scandium	45-1	1413969	1408663	1413231	1411955	0.20	cps
Scandium	45-2	126045	126220	126865	126377	0.34	cps
Selenium	82-1	28451	27949	28022	28140	0.96	cps
Selenium	77-2	2600	2664	2567	2610	1.88	cps
Selenium	78-2	8673	9173	9123	8989	3.07	cps
Silicon	28-1	1134740	1148372	1148351	1143821	0.69	cps
Silver	107-1	2412569	2405310	2394213	2404031	0.38	cps
Silver	109-1	2278308	2314451	2273512	2288757	0.98	cps
Sodium	23-2	11963602	12029853	11787888	11927114	1.05	cps
Strontium	86-1	15600045	15600531	15840179	15680252	0.88	cps
Strontium	88-1	137180805	137268125	138503161	137650697	0.54	cps
Sulfur	34-1	261637	260901	260779	261105	0.18	cps
Terbium	159-1	3853059	3845004	3870503	3856189	0.34	cps
Terbium	159-2	2558460	2528661	2559837	2548986	0.69	cps
Thallium	203-1	2128417	2134035	2159064	2140505	0.76	cps
Thallium	205-1	5055436	5119872	5123916	5099741	0.75	cps
Tin	118-1	1802285	1772894	1787983	1787721	0.82	cps
Titanium	47-1	2458360	2424513	2434346	2439073	0.71	cps

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

S06

Instrumnet Name :

P7

Client Sample ID :

S06

Dilution Factor :

1

Date & Time Acquired :

2024-10-17 16:36:06

DataFile Name :

009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	6642263	6907187	6974559	6841336	2.57	cps
Vanadium	51-2	638956	630511	629508	632992	0.82	cps
Yttrium	89-1	4547378	4484843	4607385	4546535	1.35	cps
Yttrium	89-2	1136116	1146312	1144260	1142229	0.47	cps
Zinc	66-2	1212630	1210839	1214242	1212571	0.14	cps
Zirconium	90-1	3253043	3255197	3298412	3268884	0.78	cps
Zirconium	91-1	729613	739563	737842	735673	0.72	cps

LB Number : LB132992 Operator : Jaswal
Lab Sample ID : S07 Instrumnet Name : P7
Client Sample ID : S07 Dilution Factor : 1
Date & Time Acquired : 2024-10-17 16:41:54 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1762891	1764159	1797236	1774762	1.10	cps
Antimony	121-1	4159095	4187330	4193961	4180129	0.44	cps
Arsenic	75-2	175743	175211	177945	176300	0.82	cps
Barium	135-1	5727964	5682491	5742667	5717707	0.55	cps
Barium	137-1	9841640	9902498	9906478	9883538	0.37	cps
Beryllium	9-1	748906	753276	758072	753418	0.61	cps
Bismuth	209-1	2376732	2416424	2362830	2385329	1.17	cps
Bismuth	209-2	1915011	1623963	1746604	1761860	8.29	cps
Bromine	81-1	6031	6001	5998	6010	0.31	cps
Bromine	81-2	67	27	37	43	48.03	cps
Cadmium	108-1	74946	74155	73840	74313	0.77	cps
Cadmium	106-1	107427	108669	107615	107904	0.62	cps
Cadmium	111-1	982514	992546	989035	988032	0.52	cps
Calcium	43-1	1168181	1177714	1176823	1174239	0.45	cps
Calcium	44-1	17065426	16799954	16877733	16914371	0.81	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1382713	1387065	1365727	1378502	0.82	cps
Cobalt	59-2	2048935	2098584	2068091	2071870	1.21	cps
Copper	63-2	14308519	14314635	14521301	14381485	0.84	cps
Dysprosium	156-1	100	120	100	107	10.83	cps
Dysprosium	156-2	277	197	267	247	17.67	cps
Erbium	164-1	73	70	47	63	22.94	cps
Erbium	164-2	30	30	30	30	0.00	cps
Gadolinium	160-1	40	50	47	46	11.18	cps
Gadolinium	160-2	187	130	173	163	18.14	cps
Holmium	165-1	3936300	3967601	3910717	3938206	0.72	cps
Holmium	165-2	2737904	2307874	2484500	2510093	8.61	cps
Indium	115-1	2705013	2735085	2720756	2720285	0.55	cps
Indium	115-2	874207	746357	810073	810212	7.89	cps
Iron	56-2	62847297	63476442	62663849	62995863	0.68	cps
Iron	57-2	1551326	1557781	1542293	1550467	0.50	cps
Iron	54-2	3453245	3483321	3494791	3477119	0.62	cps
Krypton	83-1	83	80	60	74	16.95	cps

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P7
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 16:41:54	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	17485471	17621626	17767807	17624968	0.80	cps
Lead	207-1	15268056	15441669	15343634	15351120	0.57	cps
Lead	208-1	69523894	70655475	69902877	70027415	0.82	cps
Lithium	6-1	741151	743254	737004	740470	0.43	cps
Magnesium	24-2	14209428	14450715	14320976	14327040	0.84	cps
Manganese	55-2	10723348	10869853	11007026	10866742	1.31	cps
Molybdenum	94-1	14624688	14677104	14672729	14658174	0.20	cps
Molybdenum	95-1	21442938	21480521	21408995	21444151	0.17	cps
Molybdenum	96-1	23217269	23516820	23584093	23439394	0.83	cps
Molybdenum	97-1	13251360	13370200	13580963	13400841	1.25	cps
Molybdenum	98-1	34673026	35006374	34709908	34796436	0.53	cps
Neodymium	150-1	463	380	443	429	10.14	cps
Neodymium	150-2	97	90	77	88	11.60	cps
Nickel	60-2	508717	508086	510008	508937	0.19	cps
Phosphorus	31-2	85651	85423	86553	85876	0.70	cps
Potassium	39-2	8602664	8705416	8712179	8673420	0.71	cps
Rhodium	103-1	2378874	2400489	2365487	2381617	0.74	cps
Rhodium	103-2	1361493	1163211	1263696	1262800	7.85	cps
Scandium	45-1	1441697	1475624	1410256	1442525	2.27	cps
Scandium	45-2	131245	115260	120564	122356	6.65	cps
Selenium	82-1	55477	55455	55811	55581	0.36	cps
Selenium	77-2	5561	5194	5004	5253	5.39	cps
Selenium	78-2	17177	17681	17807	17555	1.90	cps
Silicon	28-1	2076272	2055354	2054701	2062109	0.60	cps
Silver	107-1	4747533	4770619	4817990	4778714	0.75	cps
Silver	109-1	4508011	4507697	4599875	4538528	1.17	cps
Sodium	23-2	24255604	24358876	24340902	24318461	0.23	cps
Strontium	86-1	31875636	32096529	32046390	32006185	0.36	cps
Strontium	88-1	277778143	280116369	280233062	279375858	0.50	cps
Sulfur	34-1	408534	405210	404134	405959	0.57	cps
Terbium	159-1	4019442	3989962	3980292	3996565	0.51	cps
Terbium	159-2	2634244	2252639	2466494	2451126	7.80	cps
Thallium	203-1	4414413	4331684	4423430	4389842	1.15	cps
Thallium	205-1	10398499	10343199	10510608	10417436	0.82	cps
Tin	118-1	3579005	3603777	3643278	3608687	0.90	cps
Titanium	47-1	4950242	4964042	4933949	4949411	0.30	cps

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

S07

Instrumnet Name :

P7

Client Sample ID :

S07

Dilution Factor :

1

Date & Time Acquired :

2024-10-17 16:41:54

DataFile Name :

011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	14061719	14140213	14047060	14082997	0.36	cps
Vanadium	51-2	1292375	1304178	1299853	1298802	0.46	cps
Yttrium	89-1	4757820	4751837	4679098	4729585	0.93	cps
Yttrium	89-2	1179435	1008844	1101250	1096510	7.79	cps
Zinc	66-2	2406719	2410263	2428551	2415178	0.49	cps
Zirconium	90-1	6592260	6671217	6615257	6626245	0.61	cps
Zirconium	91-1	1462716	1462213	1483697	1469542	0.83	cps

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

LB132992
S08
S08
2024-10-17 16:44:46

Operator :
Instrumnet Name :
Dilution Factor :
DataFile Name :

Jaswal
P7
1
012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8807305	8815639	8732529	8785158	0.52	cps
Antimony	121-1	3037	3374	3007	3139	6.49	cps
Arsenic	75-2	130	87	87	101	24.74	cps
Barium	135-1	2110	2474	2084	2223	9.81	cps
Barium	137-1	3567	4084	3514	3722	8.47	cps
Beryllium	9-1	507	433	457	466	8.05	cps
Bismuth	209-1	2068789	2070272	2074886	2071316	0.15	cps
Bismuth	209-2	1504699	1495788	1493963	1498150	0.38	cps
Bromine	81-1	6461	6271	6338	6357	1.52	cps
Bromine	81-2	33	27	43	34	24.35	cps
Cadmium	108-1	50	70	43	54	25.49	cps
Cadmium	106-1	1420	1593	1440	1485	6.39	cps
Cadmium	111-1	1136	1376	1164	1226	10.73	cps
Calcium	43-1	4959408	5057449	4977279	4998045	1.04	cps
Calcium	44-1	79093797	80179165	79617269	79630077	0.68	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4434	4708	4421	4521	3.58	cps
Cobalt	59-2	5411	5374	5324	5370	0.81	cps
Copper	63-2	3340	3404	3180	3308	3.48	cps
Dysprosium	156-1	170	187	163	173	6.93	cps
Dysprosium	156-2	133	133	123	130	4.45	cps
Erbium	164-1	173	113	187	158	24.76	cps
Erbium	164-2	170	137	140	149	12.33	cps
Gadolinium	160-1	143	150	130	141	7.22	cps
Gadolinium	160-2	163	213	210	196	14.29	cps
Holmium	165-1	3669437	3676795	3635009	3660414	0.61	cps
Holmium	165-2	2528621	2533911	2544091	2535541	0.31	cps
Indium	115-1	2658910	2625665	2617207	2633927	0.84	cps
Indium	115-2	835078	836112	832982	834724	0.19	cps
Iron	56-2	296471356	296398822	291439989	294770056	0.98	cps
Iron	57-2	7264708	7234899	7243809	7247805	0.21	cps
Iron	54-2	15981271	16073431	16033391	16029365	0.29	cps
Krypton	83-1	83	83	77	81	4.74	cps

LB Number : LB132992 Operator : Jaswal
Lab Sample ID : S08 Instrumnet Name : P7
Client Sample ID : S08 Dilution Factor : 1
Date & Time Acquired : 2024-10-17 16:44:46 DataFile Name : 012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3410	3377	2747	3178	11.76	cps
Lead	207-1	2887	2940	2654	2827	5.39	cps
Lead	208-1	13309	13013	11419	12580	8.08	cps
Lithium	6-1	715984	726661	733380	725342	1.21	cps
Magnesium	24-2	74704657	74422006	74509681	74545448	0.19	cps
Manganese	55-2	5788	5785	5831	5801	0.45	cps
Molybdenum	94-1	3931	3737	3374	3681	7.68	cps
Molybdenum	95-1	3977	4135	3650	3921	6.30	cps
Molybdenum	96-1	7352	9218	6952	7840	15.43	cps
Molybdenum	97-1	2380	5589	2087	3352	57.96	cps
Molybdenum	98-1	5808	14705	5304	8606	61.45	cps
Neodymium	150-1	80	97	67	81	18.53	cps
Neodymium	150-2	53	37	47	46	18.41	cps
Nickel	60-2	1940	2020	1807	1922	5.61	cps
Phosphorus	31-2	133	167	127	142	15.07	cps
Potassium	39-2	42277371	41960583	42855379	42364444	1.07	cps
Rhodium	103-1	2151896	2210954	2167607	2176819	1.41	cps
Rhodium	103-2	1202678	1205261	1197436	1201792	0.33	cps
Scandium	45-1	1416739	1424120	1424600	1421820	0.31	cps
Scandium	45-2	125907	129192	127860	127653	1.29	cps
Selenium	82-1	150	178	221	183	19.48	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	87	73	110	90	20.62	cps
Silicon	28-1	201630	196819	195773	198074	1.58	cps
Silver	107-1	763	1989	470	1074	75.01	cps
Silver	109-1	557	1264	493	771	55.46	cps
Sodium	23-2	118858248	117910082	118329725	118366018	0.40	cps
Strontium	86-1	5318	5038	4627	4994	6.95	cps
Strontium	88-1	47262	43003	41649	43971	6.66	cps
Sulfur	34-1	106370	112396	110573	109780	2.82	cps
Terbium	159-1	3759324	3810379	3769351	3779685	0.72	cps
Terbium	159-2	2436691	2530238	2483277	2483402	1.88	cps
Thallium	203-1	513	480	400	464	12.54	cps
Thallium	205-1	1327	1190	913	1143	18.42	cps
Tin	118-1	1866	2216	2075	2052	8.56	cps
Titanium	47-1	647	650	630	642	1.67	cps

LB Number :LB132992

Operator :Jaswal

Lab Sample ID :S08

Instrumnet Name :P7

Client Sample ID :S08

Dilution Factor :1

Date & Time Acquired :2024-10-17 16:44:46

DataFile Name :012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	790	830	563	728	19.76	cps
Vanadium	51-2	410	350	367	376	8.25	cps
Yttrium	89-1	4491364	4477279	4469780	4479474	0.24	cps
Yttrium	89-2	1110672	1118529	1115918	1115040	0.36	cps
Zinc	66-2	857	920	937	904	4.67	cps
Zirconium	90-1	4151	4234	3791	4058	5.81	cps
Zirconium	91-1	847	1020	890	919	9.82	cps

LB Number :LB132992Operator :Jaswal

Lab Sample ID :ICV024Instrumnet Name :P7

Client Sample ID :ICV024Dilution Factor :1

Date & Time Acquired :2024-10-17 17:03:58DataFile Name :013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	46353	46781	46607	46580	0.46	cps
Antimony	121-1	828554	828963	831134	829550	0.17	cps
Arsenic	75-2	37554	36411	37050	37005	1.55	cps
Barium	135-1	109318	109017	109735	109357	0.33	cps
Barium	137-1	189130	189553	190379	189687	0.34	cps
Beryllium	9-1	81978	82403	82196	82192	0.26	cps
Bismuth	209-1	2474130	2459643	2434545	2456106	0.82	cps
Bismuth	209-2	1998339	1947509	1759090	1901646	6.63	cps
Bromine	81-1	6428	6375	6572	6458	1.58	cps
Bromine	81-2	50	23	53	42	38.95	cps
Cadmium	108-1	12115	11955	12102	12057	0.74	cps
Cadmium	106-1	19500	19453	19977	19643	1.48	cps
Cadmium	111-1	109233	110937	111094	110422	0.93	cps
Calcium	43-1	24259	23992	24847	24366	1.79	cps
Calcium	44-1	376235	379195	379587	378339	0.48	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	152778	151014	153388	152393	0.81	cps
Cobalt	59-2	228355	225011	226129	226498	0.75	cps
Copper	63-2	150245	149972	150003	150074	0.10	cps
Dysprosium	156-1	20	13	13	16	24.76	cps
Dysprosium	156-2	27	3	7	12	103.26	cps
Erbium	164-1	17	13	13	14	13.35	cps
Erbium	164-2	13	10	10	11	17.30	cps
Gadolinium	160-1	10	7	13	10	33.30	cps
Gadolinium	160-2	90	107	103	100	8.82	cps
Holmium	165-1	3912738	3847390	3918533	3892887	1.01	cps
Holmium	165-2	2682545	2676617	2409358	2589507	6.03	cps
Indium	115-1	2953595	2911351	2884917	2916621	1.19	cps
Indium	115-2	927849	917492	837896	894412	5.50	cps
Iron	56-2	2657213	2614033	2574609	2615285	1.58	cps
Iron	57-2	66965	64537	65847	65783	1.85	cps
Iron	54-2	156075	155025	156652	155917	0.53	cps
Krypton	83-1	67	43	57	56	21.08	cps

LB Number : LB132992 Operator : Jaswal
Lab Sample ID : ICV024 Instrumnet Name : P7
Client Sample ID : ICV024 Dilution Factor : 1
Date & Time Acquired : 2024-10-17 17:03:58 DataFile Name : 013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	696298	700261	703144	699901	0.49	cps
Lead	207-1	575481	581501	588154	581712	1.09	cps
Lead	208-1	2695789	2722466	2745788	2721347	0.92	cps
Lithium	6-1	788569	785932	792047	788849	0.39	cps
Magnesium	24-2	188685	188385	188317	188462	0.10	cps
Manganese	55-2	117984	117306	117897	117729	0.31	cps
Molybdenum	94-1	6981268	7108024	6910863	7000052	1.43	cps
Molybdenum	95-1	10036777	10043628	10069590	10049998	0.17	cps
Molybdenum	96-1	11075950	10935266	11001866	11004361	0.64	cps
Molybdenum	97-1	6340530	6234508	6322723	6299254	0.90	cps
Molybdenum	98-1	16242593	16433721	16116084	16264133	0.98	cps
Neodymium	150-1	10	13	10	11	17.30	cps
Neodymium	150-2	3	0	7	3	100.05	cps
Nickel	60-2	57446	56285	56914	56882	1.02	cps
Phosphorus	31-2	173	147	120	147	18.18	cps
Potassium	39-2	408868	405097	411249	408405	0.76	cps
Rhodium	103-1	2629399	2597642	2598502	2608515	0.69	cps
Rhodium	103-2	1462412	1439586	1318998	1406999	5.48	cps
Scandium	45-1	1552879	1549318	1536877	1546358	0.54	cps
Scandium	45-2	138035	133273	124447	131918	5.23	cps
Selenium	82-1	12015	12037	12103	12051	0.38	cps
Selenium	77-2	1120	1217	1067	1135	6.70	cps
Selenium	78-2	3904	3897	3934	3912	0.50	cps
Silicon	28-1	1273885	1281462	1282350	1279232	0.36	cps
Silver	107-1	246236	246909	247411	246852	0.24	cps
Silver	109-1	230803	233542	231584	231976	0.61	cps
Sodium	23-2	532500	526383	528467	529117	0.59	cps
Strontium	86-1	666495	668898	667847	667747	0.18	cps
Strontium	88-1	5864154	5934961	5909849	5902988	0.61	cps
Sulfur	34-1	116080	116678	114024	115594	1.20	cps
Terbium	159-1	3968162	4008138	3967261	3981187	0.59	cps
Terbium	159-2	2687759	2642281	2391570	2573870	6.20	cps
Thallium	203-1	847446	851547	863195	854063	0.96	cps
Thallium	205-1	2262471	2311910	2248520	2274300	1.46	cps
Tin	118-1	1997029	1991160	1978417	1988869	0.48	cps
Titanium	47-1	2385990	2411875	2390694	2396187	0.58	cps

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

ICV024

Instrumnet Name :

P7

Client Sample ID :

ICV024

Dilution Factor :

1

Date & Time Acquired :

2024-10-17 17:03:58

DataFile Name :

013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7376754	7398999	7431688	7402480	0.37	cps
Vanadium	51-2	132196	133975	131503	132558	0.96	cps
Yttrium	89-1	4931127	4889736	4831619	4884161	1.02	cps
Yttrium	89-2	1219057	1201550	1092717	1171108	5.84	cps
Zinc	66-2	51231	50966	51830	51342	0.86	cps
Zirconium	90-1	3494414	3483775	3491714	3489968	0.16	cps
Zirconium	91-1	770102	781262	780359	777241	0.80	cps

LB Number :LB132992Operator :Jaswal

Lab Sample ID :ICB024Instrumnet Name :P7

Client Sample ID :ICB024Dilution Factor :1

Date & Time Acquired :2024-10-17 17:17:04DataFile Name :015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	63	63	73	67	8.66	cps
Antimony	121-1	70	107	100	92	21.18	cps
Arsenic	75-2	7	3	3	4	43.40	cps
Barium	135-1	17	7	27	17	59.99	cps
Barium	137-1	30	30	20	27	21.65	cps
Beryllium	9-1	97	83	63	81	20.69	cps
Bismuth	209-1	2388961	2398396	2409495	2398950	0.43	cps
Bismuth	209-2	2004805	1961289	1931459	1965851	1.88	cps
Bromine	81-1	6698	6455	6755	6636	2.40	cps
Bromine	81-2	20	30	43	31	37.62	cps
Cadmium	108-1	7	3	3	4	43.40	cps
Cadmium	106-1	1283	1360	1210	1285	5.84	cps
Cadmium	111-1	897	953	851	900	5.66	cps
Calcium	43-1	197	140	107	148	30.79	cps
Calcium	44-1	2747	2677	2507	2644	4.67	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	203	170	180	184	9.28	cps
Cobalt	59-2	27	33	7	22	62.43	cps
Copper	63-2	727	597	723	682	10.86	cps
Dysprosium	156-1	20	7	10	12	56.76	cps
Dysprosium	156-2	13	3	0	6	124.93	cps
Erbium	164-1	27	17	13	19	36.75	cps
Erbium	164-2	13	27	7	16	65.47	cps
Gadolinium	160-1	13	3	7	8	65.47	cps
Gadolinium	160-2	137	93	107	112	19.78	cps
Holmium	165-1	3804212	3772396	3826306	3800972	0.71	cps
Holmium	165-2	2665065	2669678	2578137	2637627	1.96	cps
Indium	115-1	2941388	2924900	2853637	2906642	1.60	cps
Indium	115-2	919825	928288	921071	923061	0.49	cps
Iron	56-2	5204	4858	5078	5046	3.48	cps
Iron	57-2	473	486	523	494	5.28	cps
Iron	54-2	860	803	833	832	3.41	cps
Krypton	83-1	80	43	77	67	30.42	cps

LB Number : LB132992 Operator : Jaswal
Lab Sample ID : ICB024 Instrumnet Name : P7
Client Sample ID : ICB024 Dilution Factor : 1
Date & Time Acquired : 2024-10-17 17:17:04 DataFile Name : 015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	263	290	180	244	23.48	cps
Lead	207-1	280	190	233	234	19.20	cps
Lead	208-1	1107	990	943	1013	8.30	cps
Lithium	6-1	779720	782883	773026	778543	0.65	cps
Magnesium	24-2	1327	1257	1247	1277	3.41	cps
Manganese	55-2	103	143	103	117	19.80	cps
Molybdenum	94-1	130	197	140	156	23.11	cps
Molybdenum	95-1	90	50	90	77	30.12	cps
Molybdenum	96-1	123	120	110	118	5.89	cps
Molybdenum	97-1	30	47	43	40	22.05	cps
Molybdenum	98-1	157	143	120	140	13.26	cps
Neodymium	150-1	0	3	0	1	173.21	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	73	60	57	63	13.92	cps
Phosphorus	31-2	97	87	103	96	8.78	cps
Potassium	39-2	33674	33016	33056	33249	1.11	cps
Rhodium	103-1	2619082	2601730	2560342	2593718	1.16	cps
Rhodium	103-2	1452690	1450673	1424200	1442521	1.10	cps
Scandium	45-1	1521208	1505391	1513622	1513407	0.52	cps
Scandium	45-2	134029	135375	131108	133504	1.63	cps
Selenium	82-1	87	151	88	108	33.82	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	117	100	133	117	14.29	cps
Silicon	28-1	184368	184152	184459	184326	0.09	cps
Silver	107-1	90	50	70	70	28.57	cps
Silver	109-1	47	43	50	47	7.15	cps
Sodium	23-2	8649	8699	8763	8704	0.65	cps
Strontium	86-1	177	180	143	167	12.16	cps
Strontium	88-1	197	187	227	203	10.24	cps
Sulfur	34-1	121835	121992	122379	122068	0.23	cps
Terbium	159-1	3873883	3898030	3895495	3889136	0.34	cps
Terbium	159-2	2626982	2570252	2492252	2563162	2.64	cps
Thallium	203-1	113	53	73	80	38.19	cps
Thallium	205-1	230	207	170	202	14.96	cps
Tin	118-1	893	843	853	863	3.06	cps
Titanium	47-1	50	33	50	44	21.66	cps

LB Number : LB132992 Operator : Jaswal
Lab Sample ID : ICB024 Instrumnet Name : P7
Client Sample ID : ICB024 Dilution Factor : 1
Date & Time Acquired : 2024-10-17 17:17:04 DataFile Name : 015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7	23	10	13	66.12	cps
Vanadium	51-2	0	7	7	4	86.60	cps
Yttrium	89-1	4770503	4816149	4725216	4770623	0.95	cps
Yttrium	89-2	1185793	1194740	1193022	1191185	0.40	cps
Zinc	66-2	103	123	93	107	14.32	cps
Zirconium	90-1	283	343	317	314	9.56	cps
Zirconium	91-1	57	57	50	54	7.07	cps

LB Number : LB132992 Operator : Jaswal
Lab Sample ID : ICSA024 Instrumnet Name : P7
Client Sample ID : ICSA024 Dilution Factor : 1
Date & Time Acquired : 2024-10-17 17:20:27 DataFile Name : 016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8180782	8104399	8002195	8095792	1.11	cps
Antimony	121-1	4657	4654	4744	4685	1.09	cps
Arsenic	75-2	90	63	87	80	18.17	cps
Barium	135-1	1493	1557	1663	1571	5.47	cps
Barium	137-1	2674	2634	2664	2657	0.78	cps
Beryllium	9-1	273	253	320	282	12.12	cps
Bismuth	209-1	2298370	2299212	2323834	2307139	0.63	cps
Bismuth	209-2	1846687	1870210	1896126	1871008	1.32	cps
Bromine	81-1	6368	6555	6558	6494	1.68	cps
Bromine	81-2	97	113	97	102	9.41	cps
Cadmium	108-1	640	693	617	650	6.05	cps
Cadmium	106-1	1393	1250	1167	1270	9.03	cps
Cadmium	111-1	1317	1136	1165	1206	8.07	cps
Calcium	43-1	1061364	1058124	1058885	1059457	0.16	cps
Calcium	44-1	15906372	15966077	15939818	15937423	0.19	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	28236	28113	28504	28284	0.71	cps
Cobalt	59-2	2524	2590	2654	2589	2.51	cps
Copper	63-2	11444	11571	11795	11603	1.53	cps
Dysprosium	156-1	60	10	7	26	116.90	cps
Dysprosium	156-2	20	3	33	19	79.59	cps
Erbium	164-1	23	50	17	30	58.79	cps
Erbium	164-2	13	30	23	22	37.76	cps
Gadolinium	160-1	20	43	7	23	79.53	cps
Gadolinium	160-2	120	120	130	123	4.68	cps
Holmium	165-1	3904407	3830843	3895943	3877065	1.04	cps
Holmium	165-2	2674119	2706183	2724446	2701583	0.94	cps
Indium	115-1	2808294	2795345	2751094	2784911	1.08	cps
Indium	115-2	881315	890774	892634	888241	0.68	cps
Iron	56-2	124185185	123053218	122841098	123359834	0.59	cps
Iron	57-2	3070488	3060229	3044710	3058476	0.42	cps
Iron	54-2	6791737	6662822	6690023	6714861	1.01	cps
Krypton	83-1	67	57	77	67	15.00	cps

LB Number : LB132992 Operator : Jaswal
Lab Sample ID : ICSA024 Instrumnet Name : P7
Client Sample ID : ICSA024 Dilution Factor : 1
Date & Time Acquired : 2024-10-17 17:20:27 DataFile Name : 016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	14698	15242	14685	14875	2.14	cps
Lead	207-1	11388	11525	11688	11534	1.30	cps
Lead	208-1	54650	55674	55484	55269	0.99	cps
Lithium	6-1	746906	745739	745673	746106	0.09	cps
Magnesium	24-2	14176765	13983665	14015834	14058755	0.74	cps
Manganese	55-2	9210	8993	8569	8924	3.65	cps
Molybdenum	94-1	2120536	2131046	2161526	2137703	1.00	cps
Molybdenum	95-1	3671721	3716908	3771208	3719945	1.34	cps
Molybdenum	96-1	3961758	4008434	4007236	3992476	0.67	cps
Molybdenum	97-1	2311844	2360472	2317620	2329979	1.14	cps
Molybdenum	98-1	5988779	5980250	6058114	6009048	0.71	cps
Neodymium	150-1	10	20	20	17	34.64	cps
Neodymium	150-2	13	17	40	23	62.27	cps
Nickel	60-2	2817	2857	3037	2904	4.04	cps
Phosphorus	31-2	426735	422787	424032	424518	0.48	cps
Potassium	39-2	16857199	16767188	16654880	16759756	0.60	cps
Rhodium	103-1	2360610	2341731	2347170	2349837	0.41	cps
Rhodium	103-2	1325544	1341340	1346808	1337897	0.83	cps
Scandium	45-1	1468945	1456134	1406518	1443866	2.28	cps
Scandium	45-2	129894	130008	129511	129804	0.20	cps
Selenium	82-1	127	135	128	130	3.13	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	93	127	110	110	15.15	cps
Silicon	28-1	222699	224400	224513	223871	0.45	cps
Silver	107-1	337	403	470	403	16.53	cps
Silver	109-1	360	303	413	359	15.33	cps
Sodium	23-2	23761415	23529598	23587765	23626259	0.51	cps
Strontium	86-1	42271	43063	42936	42756	1.00	cps
Strontium	88-1	375985	379131	379592	378236	0.52	cps
Sulfur	34-1	1540224	1561530	1525990	1542581	1.16	cps
Terbium	159-1	3911850	3950193	3987502	3949848	0.96	cps
Terbium	159-2	2585574	2632216	2588109	2601966	1.01	cps
Thallium	203-1	727	693	667	696	4.32	cps
Thallium	205-1	1747	1743	1780	1757	1.15	cps
Tin	118-1	1415	1379	1426	1407	1.74	cps
Titanium	47-1	938192	934101	931634	934642	0.35	cps

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

ICSA024

Instrumnet Name :

P7

Client Sample ID :

ICSA024

Dilution Factor :

1

Date & Time Acquired :

2024-10-17 17:20:27

DataFile Name :

016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	180	227	247	218	15.71	cps
Vanadium	51-2	257	250	240	249	3.37	cps
Yttrium	89-1	4637414	4696997	4645320	4659910	0.69	cps
Yttrium	89-2	1164723	1172551	1176601	1171292	0.52	cps
Zinc	66-2	2830	2974	2887	2897	2.49	cps
Zirconium	90-1	553	533	483	523	6.89	cps
Zirconium	91-1	80	107	137	108	26.30	cps

LB Number : LB132992 Operator : Jaswal
Lab Sample ID : ICSAB024 Instrumnet Name : P7
Client Sample ID : ICSAB024 Dilution Factor : 1
Date & Time Acquired : 2024-10-17 17:23:38 DataFile Name : 017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8163651	8023603	8189702	8125652	1.10	cps
Antimony	121-1	86414	87397	85928	86580	0.86	cps
Arsenic	75-2	3587	3554	3537	3559	0.72	cps
Barium	135-1	23249	23486	23059	23265	0.92	cps
Barium	137-1	39491	40671	39719	39960	1.57	cps
Beryllium	9-1	16058	15791	15618	15823	1.40	cps
Bismuth	209-1	2383743	2399448	2331413	2371534	1.50	cps
Bismuth	209-2	1904914	1879331	1897996	1894080	0.70	cps
Bromine	81-1	6678	6438	7028	6715	4.42	cps
Bromine	81-2	183	127	143	151	19.27	cps
Cadmium	108-1	2230	2030	2210	2157	5.11	cps
Cadmium	106-1	4041	3901	3964	3968	1.77	cps
Cadmium	111-1	21532	21357	21665	21518	0.72	cps
Calcium	43-1	1075911	1076922	1084555	1079130	0.44	cps
Calcium	44-1	16098051	16189203	16085502	16124252	0.35	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	57265	56171	57268	56901	1.11	cps
Cobalt	59-2	44620	44422	43479	44174	1.38	cps
Copper	63-2	38760	38643	39171	38858	0.71	cps
Dysprosium	156-1	23	30	23	26	15.07	cps
Dysprosium	156-2	23	37	10	23	57.15	cps
Erbium	164-1	37	40	43	40	8.32	cps
Erbium	164-2	43	30	20	31	37.62	cps
Gadolinium	160-1	37	30	23	30	22.23	cps
Gadolinium	160-2	110	90	100	100	10.00	cps
Holmium	165-1	4018900	3935099	4016441	3990146	1.20	cps
Holmium	165-2	2684051	2741736	2725513	2717100	1.09	cps
Indium	115-1	2884232	2898717	2867835	2883595	0.54	cps
Indium	115-2	913340	903158	899543	905347	0.79	cps
Iron	56-2	123226355	125119848	124597818	124314674	0.79	cps
Iron	57-2	3065379	3118545	3031846	3071923	1.42	cps
Iron	54-2	6734187	6782503	6716676	6744455	0.51	cps
Krypton	83-1	67	83	90	80	15.02	cps

LB Number : LB132992 Operator : Jaswal
Lab Sample ID : ICSAB024 Instrumnet Name : P7
Client Sample ID : ICSAB024 Dilution Factor : 1
Date & Time Acquired : 2024-10-17 17:23:38 DataFile Name : 017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	84017	84940	84447	84468	0.55	cps
Lead	207-1	70598	70585	70823	70669	0.19	cps
Lead	208-1	325847	327844	326332	326674	0.32	cps
Lithium	6-1	776300	772122	769076	772499	0.47	cps
Magnesium	24-2	14209350	13938445	13893863	14013886	1.22	cps
Manganese	55-2	31470	30194	30725	30796	2.08	cps
Molybdenum	94-1	2327703	2351554	2341939	2340399	0.51	cps
Molybdenum	95-1	3840472	3889068	3899935	3876492	0.82	cps
Molybdenum	96-1	4182549	4210745	4219000	4204098	0.45	cps
Molybdenum	97-1	2452347	2488469	2487353	2476057	0.83	cps
Molybdenum	98-1	6337344	6280105	6293762	6303737	0.47	cps
Neodymium	150-1	17	43	23	28	49.95	cps
Neodymium	150-2	10	13	13	12	15.73	cps
Nickel	60-2	13396	12799	13223	13139	2.34	cps
Phosphorus	31-2	430255	430331	430762	430449	0.06	cps
Potassium	39-2	16864758	16992224	16757403	16871461	0.70	cps
Rhodium	103-1	2450387	2475178	2422947	2449504	1.07	cps
Rhodium	103-2	1371051	1370624	1362174	1367949	0.37	cps
Scandium	45-1	1481188	1463872	1465663	1470241	0.65	cps
Scandium	45-2	131188	133128	132055	132124	0.74	cps
Selenium	82-1	1270	1281	1253	1268	1.10	cps
Selenium	77-2	137	113	113	121	11.13	cps
Selenium	78-2	377	460	453	430	10.77	cps
Silicon	28-1	331072	332771	333758	332534	0.41	cps
Silver	107-1	90154	90080	89738	89991	0.25	cps
Silver	109-1	85064	84498	85202	84921	0.44	cps
Sodium	23-2	24027875	23567718	24209048	23934880	1.38	cps
Strontium	86-1	107253	106468	107580	107100	0.53	cps
Strontium	88-1	941583	944427	941319	942443	0.18	cps
Sulfur	34-1	1561355	1570418	1571991	1567921	0.37	cps
Terbium	159-1	4079040	4001435	4095602	4058692	1.24	cps
Terbium	159-2	2684566	2648515	2647688	2660256	0.79	cps
Thallium	203-1	95451	96552	95421	95808	0.67	cps
Thallium	205-1	229392	230310	231430	230377	0.44	cps
Tin	118-1	181086	183175	184302	182854	0.89	cps
Titanium	47-1	970815	980187	979421	976808	0.53	cps

LB Number : LB132992 Operator : Jaswal
Lab Sample ID : ICSAB024 Instrumnet Name : P7
Client Sample ID : ICSAB024 Dilution Factor : 1
Date & Time Acquired : 2024-10-17 17:23:38 DataFile Name : 017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	608208	620757	610533	613166	1.09	cps
Vanadium	51-2	25538	25335	25278	25384	0.54	cps
Yttrium	89-1	4776356	4833282	4737410	4782349	1.01	cps
Yttrium	89-2	1206674	1196761	1185611	1196349	0.88	cps
Zinc	66-2	7752	7602	7475	7610	1.82	cps
Zirconium	90-1	335130	338020	341177	338109	0.89	cps
Zirconium	91-1	75050	75932	75734	75572	0.61	cps

LB Number : LB132992 Operator : Jaswal
Lab Sample ID : CCV088 Instrumnet Name : P7
Client Sample ID : CCV088 Dilution Factor : 1
Date & Time Acquired : 2024-10-17 18:04:58 DataFile Name : 024CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4468175	4391437	4425019	4428210	0.87	cps
Antimony	121-1	1988132	1969680	1991323	1983045	0.59	cps
Arsenic	75-2	83661	82377	83600	83212	0.87	cps
Barium	135-1	2753156	2772447	2696241	2740614	1.45	cps
Barium	137-1	4667845	4652884	4626517	4649082	0.45	cps
Beryllium	9-1	384691	390480	391841	389004	0.98	cps
Bismuth	209-1	2225213	2217615	2182849	2208559	1.02	cps
Bismuth	209-2	1593262	1608232	1517552	1573015	3.09	cps
Bromine	81-1	6318	6165	6168	6217	1.41	cps
Bromine	81-2	50	30	30	37	31.49	cps
Cadmium	108-1	34331	35086	34588	34668	1.11	cps
Cadmium	106-1	50548	51508	50839	50965	0.97	cps
Cadmium	111-1	455899	456710	459753	457454	0.44	cps
Calcium	43-1	2551837	2625037	2631007	2602627	1.69	cps
Calcium	44-1	40742266	41106762	41426524	41091851	0.83	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	687783	690837	692551	690390	0.35	cps
Cobalt	59-2	1091865	1098290	1100481	1096879	0.41	cps
Copper	63-2	7477945	7467194	7425325	7456821	0.37	cps
Dysprosium	156-1	157	140	117	138	14.58	cps
Dysprosium	156-2	123	160	170	151	16.26	cps
Erbium	164-1	117	117	120	118	1.63	cps
Erbium	164-2	67	60	63	63	5.27	cps
Gadolinium	160-1	77	100	97	91	13.85	cps
Gadolinium	160-2	197	187	147	177	14.98	cps
Holmium	165-1	3837306	3865881	3775789	3826325	1.20	cps
Holmium	165-2	2645239	2648251	2479258	2590916	3.73	cps
Indium	115-1	2787257	2719510	2726242	2744337	1.36	cps
Indium	115-2	855779	862531	821939	846750	2.57	cps
Iron	56-2	152338941	151900561	152284794	152174766	0.16	cps
Iron	57-2	3747046	3780960	3743328	3757111	0.55	cps
Iron	54-2	8284923	8146090	8233838	8221617	0.85	cps
Krypton	83-1	110	73	97	93	19.89	cps

LB Number : LB132992 Operator : Jaswal
Lab Sample ID : CCV088 Instrumnet Name : P7
Client Sample ID : CCV088 Dilution Factor : 1
Date & Time Acquired : 2024-10-17 18:04:58 DataFile Name : 024CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	8083897	8070194	8070110	8074733	0.10	cps
Lead	207-1	6982707	7141041	6958256	7027335	1.41	cps
Lead	208-1	31931359	32341509	31975068	32082646	0.70	cps
Lithium	6-1	780756	781074	777426	779752	0.26	cps
Magnesium	24-2	37006715	36917258	36782597	36902190	0.31	cps
Manganese	55-2	5273896	5258311	5237092	5256433	0.35	cps
Molybdenum	94-1	7097887	7102409	7162644	7120980	0.51	cps
Molybdenum	95-1	10325667	10404847	10410649	10380388	0.46	cps
Molybdenum	96-1	11281822	11515726	11395360	11397636	1.03	cps
Molybdenum	97-1	6458319	6539000	6560139	6519153	0.82	cps
Molybdenum	98-1	16720280	16729582	16762285	16737382	0.13	cps
Neodymium	150-1	253	303	237	264	13.12	cps
Neodymium	150-2	67	53	70	63	13.93	cps
Nickel	60-2	266569	265673	265188	265810	0.26	cps
Phosphorus	31-2	42609	42392	41793	42265	1.00	cps
Potassium	39-2	21223208	21219835	21374334	21272459	0.41	cps
Rhodium	103-1	2295219	2326993	2323765	2315326	0.76	cps
Rhodium	103-2	1291697	1286206	1244642	1274182	2.02	cps
Scandium	45-1	1507813	1524587	1480050	1504150	1.50	cps
Scandium	45-2	132069	131807	126126	130001	2.58	cps
Selenium	82-1	26546	26715	26347	26536	0.69	cps
Selenium	77-2	2457	2400	2384	2414	1.59	cps
Selenium	78-2	8382	8232	8329	8315	0.92	cps
Silicon	28-1	1200851	1229434	1242087	1224124	1.73	cps
Silver	107-1	2224715	2239705	2190128	2218183	1.15	cps
Silver	109-1	2107497	2118028	2114362	2113296	0.25	cps
Sodium	23-2	60842579	60171037	60491061	60501559	0.56	cps
Strontium	86-1	15461081	15455260	15708848	15541730	0.93	cps
Strontium	88-1	135235391	134143068	136680205	135352888	0.94	cps
Sulfur	34-1	261976	261718	263102	262265	0.28	cps
Terbium	159-1	3817364	3856214	3891552	3855043	0.96	cps
Terbium	159-2	2570102	2549917	2440897	2520305	2.76	cps
Thallium	203-1	2008222	1989575	2007697	2001831	0.53	cps
Thallium	205-1	4706325	4778704	4834989	4773339	1.35	cps
Tin	118-1	1753315	1734979	1784792	1757696	1.43	cps
Titanium	47-1	2461789	2523633	2485946	2490456	1.25	cps

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

CCV088

Instrumnet Name :

P7

Client Sample ID :

CCV088

Dilution Factor :

1

Date & Time Acquired :

2024-10-17 18:04:58

DataFile Name :

024CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	6519793	6533054	6599891	6550913	0.66	cps
Vanadium	51-2	636479	631895	637909	635428	0.49	cps
Yttrium	89-1	4764520	4677370	4702605	4714832	0.95	cps
Yttrium	89-2	1153576	1168233	1115879	1145896	2.36	cps
Zinc	66-2	1236379	1241792	1237069	1238413	0.24	cps
Zirconium	90-1	3218748	3266865	3267202	3250938	0.86	cps
Zirconium	91-1	717923	730938	729659	726173	0.99	cps

LB Number :LB132992Operator :Jaswal

Lab Sample ID :CCB088Instrumnet Name :P7

Client Sample ID :CCB088Dilution Factor :1

Date & Time Acquired :2024-10-17 18:07:52DataFile Name :025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	187	230	237	218	12.47	cps
Antimony	121-1	1830	1747	1843	1807	2.90	cps
Arsenic	75-2	7	3	10	7	50.03	cps
Barium	135-1	123	90	120	111	16.52	cps
Barium	137-1	293	210	173	226	27.26	cps
Beryllium	9-1	510	427	340	426	19.97	cps
Bismuth	209-1	2492320	2502151	2539852	2511441	1.00	cps
Bismuth	209-2	2047635	2015857	1982947	2015479	1.60	cps
Bromine	81-1	6088	6408	6418	6305	2.98	cps
Bromine	81-2	47	37	23	36	32.93	cps
Cadmium	108-1	3	13	13	10	57.75	cps
Cadmium	106-1	1483	1393	1263	1380	8.02	cps
Cadmium	111-1	1076	993	885	985	9.73	cps
Calcium	43-1	367	237	200	268	32.71	cps
Calcium	44-1	8228	4287	3954	5490	43.30	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	180	177	160	172	6.22	cps
Cobalt	59-2	97	117	77	97	20.69	cps
Copper	63-2	1067	1087	1043	1066	2.04	cps
Dysprosium	156-1	7	7	3	6	34.70	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	13	20	27	20	33.35	cps
Erbium	164-2	13	27	10	17	52.93	cps
Gadolinium	160-1	3	3	0	2	86.60	cps
Gadolinium	160-2	107	110	100	106	4.82	cps
Holmium	165-1	3913272	3956259	3929437	3932989	0.55	cps
Holmium	165-2	2727115	2754985	2717945	2733348	0.71	cps
Indium	115-1	3060303	3021177	2977068	3019516	1.38	cps
Indium	115-2	962310	955631	952720	956887	0.51	cps
Iron	56-2	14687	15088	16593	15456	6.50	cps
Iron	57-2	662	742	956	786	19.31	cps
Iron	54-2	1437	1507	1473	1472	2.38	cps
Krypton	83-1	57	103	87	82	28.76	cps

LB Number : LB132992 Operator : Jaswal
Lab Sample ID : CCB088 Instrumnet Name : P7
Client Sample ID : CCB088 Dilution Factor : 1
Date & Time Acquired : 2024-10-17 18:07:52 DataFile Name : 025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1737	1137	953	1276	32.13	cps
Lead	207-1	2921	993	787	1567	75.12	cps
Lead	208-1	11636	4410	3944	6663	64.73	cps
Lithium	6-1	827050	821258	829974	826094	0.54	cps
Magnesium	24-2	2930	3237	3197	3121	5.34	cps
Manganese	55-2	463	427	420	437	5.34	cps
Molybdenum	94-1	990	857	873	907	8.01	cps
Molybdenum	95-1	940	680	683	768	19.43	cps
Molybdenum	96-1	1150	817	860	942	19.24	cps
Molybdenum	97-1	613	443	510	522	16.40	cps
Molybdenum	98-1	1503	1140	1163	1269	16.03	cps
Neodymium	150-1	3	0	3	2	86.60	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	37	63	50	50	26.66	cps
Phosphorus	31-2	153	123	133	137	11.18	cps
Potassium	39-2	39214	38957	38415	38862	1.05	cps
Rhodium	103-1	2635610	2657506	2624258	2639125	0.64	cps
Rhodium	103-2	1505188	1487233	1473159	1488527	1.08	cps
Scandium	45-1	1537079	1572059	1545002	1551380	1.18	cps
Scandium	45-2	140275	140322	136629	139075	1.52	cps
Selenium	82-1	136	97	117	117	16.85	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	93	100	73	89	15.61	cps
Silicon	28-1	188544	189334	186678	188185	0.72	cps
Silver	107-1	487	330	317	378	25.02	cps
Silver	109-1	407	317	260	328	22.56	cps
Sodium	23-2	31556	30884	30266	30902	2.09	cps
Strontium	86-1	1074	660	647	793	30.59	cps
Strontium	88-1	9577	4281	3921	5926	53.44	cps
Sulfur	34-1	112080	113306	113131	112839	0.59	cps
Terbium	159-1	4042820	4088448	4093179	4074816	0.68	cps
Terbium	159-2	2715042	2688209	2647820	2683690	1.26	cps
Thallium	203-1	413	337	300	350	16.52	cps
Thallium	205-1	1117	720	737	858	26.16	cps
Tin	118-1	1135	1198	1341	1225	8.61	cps
Titanium	47-1	367	147	177	230	51.88	cps

LB Number : LB132992 Operator : Jaswal
Lab Sample ID : CCB088 Instrumnet Name : P7
Client Sample ID : CCB088 Dilution Factor : 1
Date & Time Acquired : 2024-10-17 18:07:52 DataFile Name : 025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1749	177	190	705	128.19	cps
Vanadium	51-2	23	13	43	27	57.29	cps
Yttrium	89-1	4880623	4940321	4956916	4925954	0.81	cps
Yttrium	89-2	1239080	1240555	1231625	1237087	0.39	cps
Zinc	66-2	230	243	217	230	5.80	cps
Zirconium	90-1	1403	1123	1163	1230	12.31	cps
Zirconium	91-1	247	280	287	271	7.90	cps

LB Number : LB132992 Operator : Jaswal
Lab Sample ID : P3847-02 Instrumnet Name : P7
Client Sample ID : PT-TM1-WP Dilution Factor : 1
Date & Time Acquired : 2024-10-17 18:25:28 DataFile Name : 027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	246173	245655	245296	245708	0.18	cps
Antimony	121-1	3400763	3399178	3355023	3384988	0.77	cps
Arsenic	75-2	108610	105122	107700	107144	1.69	cps
Barium	135-1	691062	694557	706196	697272	1.14	cps
Barium	137-1	1192521	1202323	1209346	1201397	0.70	cps
Beryllium	9-1	250160	251386	253357	251635	0.64	cps
Bismuth	209-1	2448943	2490124	2509541	2482869	1.25	cps
Bismuth	209-2	2047832	1966967	1963604	1992801	2.39	cps
Bromine	81-1	6682	6562	6778	6674	1.63	cps
Bromine	81-2	27	17	37	27	37.50	cps
Cadmium	108-1	27276	27179	26621	27025	1.31	cps
Cadmium	106-1	37799	36740	37535	37358	1.48	cps
Cadmium	111-1	404967	407523	411586	408025	0.82	cps
Calcium	43-1	1997	2100	2177	2091	4.32	cps
Calcium	44-1	18508	18662	18952	18707	1.21	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	886885	887926	881404	885405	0.40	cps
Cobalt	59-2	425930	426237	424620	425596	0.20	cps
Copper	63-2	1072092	1082055	1075292	1076480	0.47	cps
Dysprosium	156-1	13	20	33	22	45.83	cps
Dysprosium	156-2	37	23	33	31	22.31	cps
Erbium	164-1	17	13	23	18	28.64	cps
Erbium	164-2	10	0	7	6	91.64	cps
Gadolinium	160-1	7	0	10	6	91.64	cps
Gadolinium	160-2	123	120	100	114	11.03	cps
Holmium	165-1	3945412	3926387	3975169	3948989	0.62	cps
Holmium	165-2	2709729	2707651	2748656	2722012	0.85	cps
Indium	115-1	3024193	3079892	3079428	3061171	1.05	cps
Indium	115-2	965389	953488	957009	958629	0.64	cps
Iron	56-2	1931977	1973078	1925962	1943672	1.32	cps
Iron	57-2	44249	43997	44530	44259	0.60	cps
Iron	54-2	139734	139987	140041	139921	0.12	cps
Krypton	83-1	100	67	100	89	21.65	cps

LB Number : LB132992 Operator : Jaswal
Lab Sample ID : P3847-02 Instrumnet Name : P7
Client Sample ID : PT-TM1-WP Dilution Factor : 1
Date & Time Acquired : 2024-10-17 18:25:28 DataFile Name : 027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3478395	3465464	3521092	3488317	0.83	cps
Lead	207-1	2947946	3000465	2990056	2979489	0.93	cps
Lead	208-1	13536705	13722037	13727691	13662144	0.80	cps
Lithium	6-1	810171	819097	819856	816374	0.66	cps
Magnesium	24-2	1667	1553	1620	1613	3.53	cps
Manganese	55-2	771291	775662	774469	773808	0.29	cps
Molybdenum	94-1	626799	629753	635221	630591	0.68	cps
Molybdenum	95-1	1099735	1105107	1107517	1104120	0.36	cps
Molybdenum	96-1	1170023	1187699	1190187	1182636	0.93	cps
Molybdenum	97-1	688815	692452	701449	694239	0.94	cps
Molybdenum	98-1	1784805	1781856	1789237	1785299	0.21	cps
Neodymium	150-1	43	70	47	53	27.24	cps
Neodymium	150-2	10	7	20	12	56.76	cps
Nickel	60-2	932315	932733	934465	933171	0.12	cps
Phosphorus	31-2	83	90	110	94	14.70	cps
Potassium	39-2	34533	34235	33844	34204	1.01	cps
Rhodium	103-1	2688175	2728528	2681771	2699491	0.94	cps
Rhodium	103-2	1499208	1481070	1492915	1491065	0.62	cps
Scandium	45-1	1585151	1589084	1588672	1587636	0.14	cps
Scandium	45-2	140426	139390	139410	139742	0.42	cps
Selenium	82-1	28671	29173	29187	29010	1.01	cps
Selenium	77-2	2874	2640	2804	2773	4.32	cps
Selenium	78-2	9223	9233	9049	9168	1.13	cps
Silicon	28-1	856207	859605	863309	859707	0.41	cps
Silver	107-1	2957434	2907465	2967586	2944161	1.09	cps
Silver	109-1	2788632	2829990	2843111	2820578	1.01	cps
Sodium	23-2	29816	30223	30383	30141	0.97	cps
Strontium	86-1	598586	606770	605353	603570	0.72	cps
Strontium	88-1	5292965	5245123	5339365	5292485	0.89	cps
Sulfur	34-1	117776	113417	113249	114814	2.24	cps
Terbium	159-1	3986695	4101817	4046237	4044916	1.42	cps
Terbium	159-2	2695213	2661565	2660438	2672405	0.74	cps
Thallium	203-1	1897895	1884082	1865658	1882545	0.86	cps
Thallium	205-1	4519931	4522864	4452435	4498410	0.89	cps
Tin	118-1	2055	2212	1928	2065	6.90	cps
Titanium	47-1	200	177	177	184	7.30	cps

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

P3847-02

Instrumnet Name :

P7

Client Sample ID :

PT-TM1-WP

Dilution Factor :

1

Date & Time Acquired :

2024-10-17 18:25:28

DataFile Name :

027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	20	70	20	37	78.73	cps
Vanadium	51-2	1514856	1513770	1507717	1512114	0.25	cps
Yttrium	89-1	5006312	5046626	5017723	5023554	0.41	cps
Yttrium	89-2	1250977	1234790	1237524	1241097	0.70	cps
Zinc	66-2	168546	168168	168866	168527	0.21	cps
Zirconium	90-1	2340	2414	2560	2438	4.60	cps
Zirconium	91-1	787	807	750	781	3.68	cps

LB Number : LB132992 Operator : Jaswal
Lab Sample ID : P3847-04 Instrumnet Name : P7
Client Sample ID : PT-SNTI-WP Dilution Factor : 1
Date & Time Acquired : 2024-10-17 18:28:38 DataFile Name : 028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7295	7365	7158	7273	1.45	cps
Antimony	121-1	1590	1633	1667	1630	2.36	cps
Arsenic	75-2	10	3	13	9	57.30	cps
Barium	135-1	297	277	253	276	7.87	cps
Barium	137-1	450	497	353	433	16.87	cps
Beryllium	9-1	250	207	193	217	13.67	cps
Bismuth	209-1	2503115	2485483	2523601	2504066	0.76	cps
Bismuth	209-2	2061757	2062180	1964953	2029630	2.76	cps
Bromine	81-1	6665	6465	7075	6735	4.62	cps
Bromine	81-2	37	57	47	47	21.43	cps
Cadmium	108-1	13	13	20	16	24.76	cps
Cadmium	106-1	1523	1373	1313	1403	7.71	cps
Cadmium	111-1	1084	992	922	999	8.11	cps
Calcium	43-1	193	180	163	179	8.40	cps
Calcium	44-1	4337	4474	4284	4365	2.25	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	290	280	267	279	4.20	cps
Cobalt	59-2	113	117	120	117	2.86	cps
Copper	63-2	830	813	893	846	4.99	cps
Dysprosium	156-1	10	17	23	17	39.99	cps
Dysprosium	156-2	7	13	10	10	33.30	cps
Erbium	164-1	13	20	40	24	56.78	cps
Erbium	164-2	13	43	17	24	67.26	cps
Gadolinium	160-1	33	23	17	24	34.31	cps
Gadolinium	160-2	120	90	120	110	15.75	cps
Holmium	165-1	3967372	4091854	4086059	4048428	1.74	cps
Holmium	165-2	2774257	2765317	2708185	2749253	1.30	cps
Indium	115-1	2913333	2934045	2955342	2934240	0.72	cps
Indium	115-2	935044	931092	924870	930335	0.55	cps
Iron	56-2	7562	8026	7915	7834	3.09	cps
Iron	57-2	578	565	538	560	3.64	cps
Iron	54-2	1053	957	1090	1033	6.67	cps
Krypton	83-1	117	93	60	90	31.65	cps

LB Number : LB132992 Operator : Jaswal
Lab Sample ID : P3847-04 Instrumnet Name : P7
Client Sample ID : PT-SNTI-WP Dilution Factor : 1
Date & Time Acquired : 2024-10-17 18:28:38 DataFile Name : 028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	783	813	837	811	3.30	cps
Lead	207-1	647	660	663	657	1.34	cps
Lead	208-1	3384	3220	2913	3172	7.52	cps
Lithium	6-1	828930	825847	834958	829911	0.56	cps
Magnesium	24-2	1753	1903	1853	1837	4.16	cps
Manganese	55-2	183	233	180	199	15.02	cps
Molybdenum	94-1	4604	4301	4674	4526	4.39	cps
Molybdenum	95-1	160	183	157	167	8.72	cps
Molybdenum	96-1	960	980	890	943	5.01	cps
Molybdenum	97-1	127	73	73	91	33.80	cps
Molybdenum	98-1	317	323	270	303	9.58	cps
Neodymium	150-1	10	7	7	8	24.71	cps
Neodymium	150-2	10	10	3	8	49.52	cps
Nickel	60-2	217	203	220	213	4.13	cps
Phosphorus	31-2	153	113	90	119	26.94	cps
Potassium	39-2	35030	35598	34686	35105	1.31	cps
Rhodium	103-1	2768566	2706825	2683508	2719633	1.62	cps
Rhodium	103-2	1524838	1513691	1514434	1517654	0.41	cps
Scandium	45-1	1574683	1598867	1614455	1596002	1.26	cps
Scandium	45-2	142257	140699	139421	140792	1.01	cps
Selenium	82-1	81	92	141	105	30.73	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	80	113	110	101	18.16	cps
Silicon	28-1	4013438	4087885	4055341	4052221	0.92	cps
Silver	107-1	663	507	373	514	28.22	cps
Silver	109-1	630	403	353	462	31.90	cps
Sodium	23-2	67139	66975	66533	66882	0.47	cps
Strontium	86-1	180	183	183	182	1.06	cps
Strontium	88-1	807	700	777	761	7.23	cps
Sulfur	34-1	108230	106380	107122	107244	0.87	cps
Terbium	159-1	3979447	4118566	4055231	4051081	1.72	cps
Terbium	159-2	2685036	2666127	2713558	2688240	0.89	cps
Thallium	203-1	367	397	353	372	5.96	cps
Thallium	205-1	930	810	783	841	9.29	cps
Tin	118-1	4714330	4770370	4721781	4735494	0.64	cps
Titanium	47-1	48080	48932	48604	48539	0.89	cps

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

P3847-04

Instrumnet Name :

P7

Client Sample ID :

PT-SNTI-WP

Dilution Factor :

1

Date & Time Acquired :

2024-10-17 18:28:38

DataFile Name :

028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	30	40	53	41	28.47	cps
Vanadium	51-2	93	53	60	69	31.11	cps
Yttrium	89-1	5039372	5107188	5200240	5115600	1.58	cps
Yttrium	89-2	1256582	1255718	1249078	1253792	0.33	cps
Zinc	66-2	153	167	213	178	17.72	cps
Zirconium	90-1	11791	11735	11374	11634	1.94	cps
Zirconium	91-1	2560	2710	2510	2594	4.01	cps

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

P3847-06

Instrumnet Name :

P7

Client Sample ID :

PT-MIN2-WP

Dilution Factor :

1

Date & Time Acquired :

2024-10-17 18:32:00

DataFile Name :

029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	60	63	80	68	15.81	cps
Antimony	121-1	1243	640	470	784	51.81	cps
Arsenic	75-2	30	20	13	21	39.75	cps
Barium	135-1	513	517	430	487	10.09	cps
Barium	137-1	753	793	700	749	6.25	cps
Beryllium	9-1	167	150	127	148	13.60	cps
Bismuth	209-1	3580600	3034619	3282552	3299257	8.29	cps
Bismuth	209-2	2642338	2577025	2561532	2593632	1.65	cps
Bromine	81-1	8249	8286	8539	8358	1.89	cps
Bromine	81-2	357	387	397	380	5.48	cps
Cadmium	108-1	3	3	17	8	99.04	cps
Cadmium	106-1	2013	1587	1873	1825	11.92	cps
Cadmium	111-1	1560	1182	1326	1356	14.09	cps
Calcium	43-1	1205409	1168890	1118193	1164164	3.76	cps
Calcium	44-1	17931600	17441827	16715542	17362989	3.52	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	83	87	120	97	20.98	cps
Cobalt	59-2	260	187	253	233	17.38	cps
Copper	63-2	897	893	853	881	2.74	cps
Dysprosium	156-1	7	20	10	12	56.76	cps
Dysprosium	156-2	10	3	0	4	114.60	cps
Erbium	164-1	27	23	13	21	32.88	cps
Erbium	164-2	23	13	17	18	28.64	cps
Gadolinium	160-1	20	30	7	19	61.96	cps
Gadolinium	160-2	150	173	170	164	7.68	cps
Holmium	165-1	5908920	4890822	5652198	5483980	9.66	cps
Holmium	165-2	3690997	3646256	3550865	3629373	1.97	cps
Indium	115-1	4409320	3724811	4280292	4138141	8.79	cps
Indium	115-2	1264589	1247710	1233904	1248734	1.23	cps
Iron	56-2	5968	6158	6038	6055	1.59	cps
Iron	57-2	16428	17030	16919	16793	1.91	cps
Iron	54-2	440	490	417	449	8.35	cps
Krypton	83-1	83	127	90	100	23.34	cps

LB Number : LB132992 Operator : Jaswal
Lab Sample ID : P3847-06 Instrumnet Name : P7
Client Sample ID : PT-MIN2-WP Dilution Factor : 1
Date & Time Acquired : 2024-10-17 18:32:00 DataFile Name : 029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	6602	6058	5701	6120	7.41	cps
Lead	207-1	5618	5625	4944	5396	7.24	cps
Lead	208-1	25806	24919	21940	24222	8.36	cps
Lithium	6-1	1137249	958346	1050657	1048750	8.53	cps
Magnesium	24-2	6115550	6099024	6030745	6081773	0.74	cps
Manganese	55-2	337	290	323	317	7.59	cps
Molybdenum	94-1	1370	1340	1290	1333	3.03	cps
Molybdenum	95-1	2217	2150	2067	2145	3.51	cps
Molybdenum	96-1	2504	2450	2264	2406	5.24	cps
Molybdenum	97-1	1407	1390	1293	1363	4.49	cps
Molybdenum	98-1	3804	3554	3384	3580	5.90	cps
Neodymium	150-1	17	10	23	17	39.99	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	87	107	100	98	10.41	cps
Phosphorus	31-2	53	63	47	54	15.40	cps
Potassium	39-2	5515751	5480686	5460819	5485752	0.51	cps
Rhodium	103-1	3870795	3246387	3653799	3590327	8.83	cps
Rhodium	103-2	1988866	1945116	1919854	1951279	1.79	cps
Scandium	45-1	2393437	2003680	2259701	2218939	8.93	cps
Scandium	45-2	189219	186924	185561	187235	0.99	cps
Selenium	82-1	198	93	193	161	36.67	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	70	107	133	103	30.77	cps
Silicon	28-1	152928	150986	148444	150786	1.49	cps
Silver	107-1	183	143	163	163	12.24	cps
Silver	109-1	107	113	107	109	3.53	cps
Sodium	23-2	30117111	30163545	29886183	30055613	0.49	cps
Strontium	86-1	13850	13910	13046	13602	3.55	cps
Strontium	88-1	121265	118432	112385	117361	3.86	cps
Sulfur	34-1	110909	114753	119812	115158	3.88	cps
Terbium	159-1	5958280	5065208	5565015	5529501	8.09	cps
Terbium	159-2	3597598	3493198	3486682	3525826	1.77	cps
Thallium	203-1	3941	2324	1407	2557	50.17	cps
Thallium	205-1	10224	5545	3154	6308	57.02	cps
Tin	118-1	3458	2454	1799	2570	32.50	cps
Titanium	47-1	40	43	40	41	4.68	cps

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

P3847-06

Instrumnet Name :

P7

Client Sample ID :

PT-MIN2-WP

Dilution Factor :

1

Date & Time Acquired :

2024-10-17 18:32:00

DataFile Name :

029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	13	10	10	11	17.30	cps
Vanadium	51-2	7	13	17	12	41.65	cps
Yttrium	89-1	7564063	6242101	6967100	6924421	9.56	cps
Yttrium	89-2	1647171	1623657	1617383	1629404	0.96	cps
Zinc	66-2	437	420	377	411	7.53	cps
Zirconium	90-1	160	183	193	179	9.56	cps
Zirconium	91-1	33	30	40	34	14.78	cps

LB Number : LB132992 Operator : Jaswal
Lab Sample ID : P3846-02 Instrumnet Name : P7
Client Sample ID : PT-TM1-WP Dilution Factor : 1
Date & Time Acquired : 2024-10-17 18:35:16 DataFile Name : 030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	241256	238413	240846	240172	0.64	cps
Antimony	121-1	3269080	3350487	3318700	3312756	1.24	cps
Arsenic	75-2	105112	104273	105068	104818	0.45	cps
Barium	135-1	683662	689662	684162	685829	0.49	cps
Barium	137-1	1176221	1184836	1183728	1181595	0.40	cps
Beryllium	9-1	244254	246399	247300	245984	0.64	cps
Bismuth	209-1	2466857	2454361	2428296	2449838	0.80	cps
Bismuth	209-2	1966357	1972239	1957831	1965476	0.37	cps
Bromine	81-1	6718	7052	6968	6913	2.51	cps
Bromine	81-2	100	50	93	81	33.47	cps
Cadmium	108-1	26164	25973	26110	26082	0.38	cps
Cadmium	106-1	37258	37579	37141	37326	0.61	cps
Cadmium	111-1	399696	400669	402929	401098	0.41	cps
Calcium	43-1	2214	2017	2040	2090	5.14	cps
Calcium	44-1	17814	17734	17580	17709	0.67	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	859216	861112	863108	861146	0.23	cps
Cobalt	59-2	415279	415407	415413	415366	0.02	cps
Copper	63-2	1050880	1051681	1048497	1050353	0.16	cps
Dysprosium	156-1	30	17	13	20	44.10	cps
Dysprosium	156-2	17	30	20	22	31.22	cps
Erbium	164-1	7	23	13	14	58.06	cps
Erbium	164-2	10	7	3	7	50.03	cps
Gadolinium	160-1	0	20	7	9	114.55	cps
Gadolinium	160-2	97	93	110	100	8.82	cps
Holmium	165-1	3863689	3800628	3835380	3833232	0.82	cps
Holmium	165-2	2677703	2658088	2631037	2655609	0.88	cps
Indium	115-1	2942184	2913201	2889741	2915042	0.90	cps
Indium	115-2	926920	932376	921150	926816	0.61	cps
Iron	56-2	1908516	1884154	1870437	1887702	1.02	cps
Iron	57-2	43101	43584	43240	43309	0.57	cps
Iron	54-2	136599	136848	136935	136794	0.13	cps
Krypton	83-1	63	83	80	76	14.18	cps

LB Number : LB132992 Operator : Jaswal
Lab Sample ID : P3846-02 Instrumnet Name : P7
Client Sample ID : PT-TM1-WP Dilution Factor : 1
Date & Time Acquired : 2024-10-17 18:35:16 DataFile Name : 030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3458633	3533395	3528988	3507005	1.20	cps
Lead	207-1	2915149	2958384	2956936	2943490	0.83	cps
Lead	208-1	13485630	13705044	13702301	13630992	0.92	cps
Lithium	6-1	800392	786377	782820	789863	1.18	cps
Magnesium	24-2	1623	1510	1570	1568	3.62	cps
Manganese	55-2	758242	753165	754614	755340	0.35	cps
Molybdenum	94-1	610070	617189	615346	614202	0.60	cps
Molybdenum	95-1	1071914	1077157	1075609	1074893	0.25	cps
Molybdenum	96-1	1143990	1156284	1161553	1153942	0.78	cps
Molybdenum	97-1	673728	678293	681084	677702	0.55	cps
Molybdenum	98-1	1730661	1761191	1743124	1744992	0.88	cps
Neodymium	150-1	67	70	60	66	7.77	cps
Neodymium	150-2	10	7	10	9	21.63	cps
Nickel	60-2	906540	919364	911311	912405	0.71	cps
Phosphorus	31-2	133	100	117	117	14.28	cps
Potassium	39-2	34008	34880	34332	34407	1.28	cps
Rhodium	103-1	2570360	2547323	2541165	2552950	0.60	cps
Rhodium	103-2	1442858	1454000	1424313	1440390	1.04	cps
Scandium	45-1	1533902	1518413	1512053	1521456	0.74	cps
Scandium	45-2	134154	133821	132338	133438	0.72	cps
Selenium	82-1	28671	28830	28394	28632	0.77	cps
Selenium	77-2	2654	2654	2624	2644	0.66	cps
Selenium	78-2	9400	9410	9136	9315	1.67	cps
Silicon	28-1	823667	824895	823426	823996	0.10	cps
Silver	107-1	2841006	2879422	2848100	2856176	0.72	cps
Silver	109-1	2714989	2739642	2742136	2732256	0.55	cps
Sodium	23-2	30123	30757	30360	30413	1.05	cps
Strontium	86-1	584560	591531	589751	588614	0.62	cps
Strontium	88-1	5170877	5242590	5211187	5208218	0.69	cps
Sulfur	34-1	122792	116464	110718	116658	5.18	cps
Terbium	159-1	3945686	3919455	3872644	3912595	0.95	cps
Terbium	159-2	2657528	2680492	2592052	2643357	1.74	cps
Thallium	203-1	1864271	1876493	1877498	1872754	0.39	cps
Thallium	205-1	4438227	4464693	4517751	4473557	0.91	cps
Tin	118-1	2118	2129	2226	2157	2.76	cps
Titanium	47-1	130	177	143	150	16.02	cps

LB Number :LB132992

Operator :Jaswal

Lab Sample ID :P3846-02

Instrumnet Name :P7

Client Sample ID :PT-TM1-WP

Dilution Factor :1

Date & Time Acquired :2024-10-17 18:35:16

DataFile Name :030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10	7	13	10	33.30	cps
Vanadium	51-2	1452844	1444734	1464447	1454009	0.68	cps
Yttrium	89-1	4797548	4847237	4847954	4830913	0.60	cps
Yttrium	89-2	1195062	1200128	1190152	1195114	0.42	cps
Zinc	66-2	164653	164397	163072	164041	0.52	cps
Zirconium	90-1	2220	2124	2107	2150	2.85	cps
Zirconium	91-1	717	743	663	708	5.76	cps

LB Number :LB132992Operator :Jaswal

Lab Sample ID :P3846-03Instrumnet Name :P7

Client Sample ID :PT-SNTI-WPDilution Factor :1

Date & Time Acquired :2024-10-17 18:38:28DataFile Name :031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6925	7025	7008	6986	0.77	cps
Antimony	121-1	1473	1513	1680	1556	7.05	cps
Arsenic	75-2	27	7	7	13	86.58	cps
Barium	135-1	267	240	213	240	11.11	cps
Barium	137-1	430	513	380	441	15.27	cps
Beryllium	9-1	293	247	183	241	22.90	cps
Bismuth	209-1	2383594	2386167	2423138	2397633	0.92	cps
Bismuth	209-2	1968770	1994386	1995433	1986196	0.76	cps
Bromine	81-1	6778	7155	7052	6995	2.78	cps
Bromine	81-2	53	50	73	59	21.43	cps
Cadmium	108-1	10	13	17	13	25.01	cps
Cadmium	106-1	1513	1410	1387	1437	4.69	cps
Cadmium	111-1	1076	1008	982	1022	4.72	cps
Calcium	43-1	153	217	167	179	18.66	cps
Calcium	44-1	4447	4344	4207	4333	2.78	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	213	303	293	270	18.27	cps
Cobalt	59-2	110	97	147	118	21.98	cps
Copper	63-2	833	867	940	880	6.20	cps
Dysprosium	156-1	7	17	13	12	41.65	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	27	33	27	29	13.31	cps
Erbium	164-2	3	27	23	18	71.00	cps
Gadolinium	160-1	7	13	23	14	58.06	cps
Gadolinium	160-2	137	137	83	119	25.90	cps
Holmium	165-1	3773159	3925796	3842148	3847034	1.99	cps
Holmium	165-2	2712684	2631742	2667791	2670739	1.52	cps
Indium	115-1	2875053	2854407	2877111	2868857	0.44	cps
Indium	115-2	894803	888362	895813	892992	0.45	cps
Iron	56-2	7135	7042	7078	7085	0.66	cps
Iron	57-2	602	599	558	586	4.18	cps
Iron	54-2	1013	973	1017	1001	2.41	cps
Krypton	83-1	43	93	103	80	40.18	cps

LB Number : LB132992 Operator : Jaswal
Lab Sample ID : P3846-03 Instrumnet Name : P7
Client Sample ID : PT-SNTI-WP Dilution Factor : 1
Date & Time Acquired : 2024-10-17 18:38:28 DataFile Name : 031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	933	730	780	814	13.01	cps
Lead	207-1	743	680	660	694	6.26	cps
Lead	208-1	3480	2937	3094	3170	8.82	cps
Lithium	6-1	786874	788335	798049	791086	0.77	cps
Magnesium	24-2	1627	1643	1667	1646	1.22	cps
Manganese	55-2	157	200	223	193	17.50	cps
Molybdenum	94-1	4007	4147	4137	4097	1.91	cps
Molybdenum	95-1	193	160	90	148	35.69	cps
Molybdenum	96-1	913	850	957	907	5.92	cps
Molybdenum	97-1	90	87	80	86	5.95	cps
Molybdenum	98-1	247	217	233	232	6.47	cps
Neodymium	150-1	10	7	10	9	21.63	cps
Neodymium	150-2	7	3	7	6	34.70	cps
Nickel	60-2	243	213	170	209	17.65	cps
Phosphorus	31-2	97	143	103	114	22.06	cps
Potassium	39-2	34716	35164	34429	34770	1.07	cps
Rhodium	103-1	2602783	2607503	2626311	2612199	0.48	cps
Rhodium	103-2	1458183	1445874	1460080	1454712	0.53	cps
Scandium	45-1	1509163	1551334	1536507	1532335	1.40	cps
Scandium	45-2	135153	135160	134877	135063	0.12	cps
Selenium	82-1	165	134	111	137	19.75	cps
Selenium	77-2	3	7	0	3	100.05	cps
Selenium	78-2	137	127	97	120	17.35	cps
Silicon	28-1	3912542	3991627	3985815	3963328	1.11	cps
Silver	107-1	593	387	340	440	30.64	cps
Silver	109-1	520	340	290	383	31.56	cps
Sodium	23-2	68016	68803	68096	68305	0.63	cps
Strontium	86-1	210	207	193	203	4.34	cps
Strontium	88-1	783	753	663	733	8.52	cps
Sulfur	34-1	106921	108797	110257	108658	1.54	cps
Terbium	159-1	3942569	3909991	3932317	3928292	0.42	cps
Terbium	159-2	2655537	2620706	2595789	2624011	1.14	cps
Thallium	203-1	260	233	290	261	10.86	cps
Thallium	205-1	790	780	650	740	10.55	cps
Tin	118-1	4756018	4696965	4648832	4700605	1.14	cps
Titanium	47-1	46575	46819	47544	46979	1.07	cps

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

P3846-03

Instrumnet Name :

P7

Client Sample ID :

PT-SNTI-WP

Dilution Factor :

1

Date & Time Acquired :

2024-10-17 18:38:28

DataFile Name :

031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	47	37	33	39	17.85	cps
Vanadium	51-2	67	73	80	73	9.09	cps
Yttrium	89-1	4783822	4907636	4837243	4842900	1.28	cps
Yttrium	89-2	1210378	1199312	1204403	1204698	0.46	cps
Zinc	66-2	180	150	170	167	9.17	cps
Zirconium	90-1	11241	10998	11461	11233	2.06	cps
Zirconium	91-1	2420	2570	2590	2527	3.68	cps

LB Number :LB132992Operator :Jaswal

Lab Sample ID :P3846-04Instrumnet Name :P7

Client Sample ID :PT-SNTI-WPDilution Factor :1

Date & Time Acquired :2024-10-17 18:41:49DataFile Name :032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	70	67	37	58	31.77	cps
Antimony	121-1	510	403	300	404	25.96	cps
Arsenic	75-2	10	10	13	11	17.30	cps
Barium	135-1	450	453	510	471	7.16	cps
Barium	137-1	777	657	890	774	15.07	cps
Beryllium	9-1	137	173	167	159	12.29	cps
Bismuth	209-1	3476561	3378724	3172269	3342518	4.65	cps
Bismuth	209-2	2523550	2565391	2496168	2528370	1.38	cps
Bromine	81-1	8216	8379	8102	8232	1.69	cps
Bromine	81-2	407	373	430	403	7.06	cps
Cadmium	108-1	7	17	0	8	107.84	cps
Cadmium	106-1	2117	1770	1867	1918	9.33	cps
Cadmium	111-1	1560	1271	1323	1385	11.14	cps
Calcium	43-1	1182564	1142926	1106556	1144016	3.32	cps
Calcium	44-1	17443650	17359090	16658444	17153728	2.51	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	130	123	107	120	10.01	cps
Cobalt	59-2	217	253	257	242	9.16	cps
Copper	63-2	870	800	973	881	9.90	cps
Dysprosium	156-1	27	10	7	14	74.18	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	23	27	20	23	14.29	cps
Erbium	164-2	20	23	13	19	26.96	cps
Gadolinium	160-1	27	13	10	17	52.93	cps
Gadolinium	160-2	130	113	163	136	18.78	cps
Holmium	165-1	5763774	5496568	5445517	5568620	3.07	cps
Holmium	165-2	3625020	3564438	3543659	3577706	1.18	cps
Indium	115-1	4330725	4129475	4115712	4191970	2.87	cps
Indium	115-2	1238518	1218446	1222974	1226646	0.86	cps
Iron	56-2	5578	5888	5598	5688	3.05	cps
Iron	57-2	16943	17073	17026	17014	0.39	cps
Iron	54-2	387	473	357	406	14.94	cps
Krypton	83-1	103	90	83	92	11.04	cps

LB Number : LB132992 Operator : Jaswal
Lab Sample ID : P3846-04 Instrumnet Name : P7
Client Sample ID : PT-SNTI-WP Dilution Factor : 1
Date & Time Acquired : 2024-10-17 18:41:49 DataFile Name : 032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3774	3430	3274	3493	7.32	cps
Lead	207-1	3147	2897	2700	2915	7.68	cps
Lead	208-1	14733	13196	12362	13430	8.96	cps
Lithium	6-1	1112954	1073939	1048052	1078315	3.03	cps
Magnesium	24-2	6117164	6039776	6073323	6076754	0.64	cps
Manganese	55-2	273	237	287	266	9.75	cps
Molybdenum	94-1	1440	1420	1277	1379	6.46	cps
Molybdenum	95-1	2214	2130	1847	2064	9.32	cps
Molybdenum	96-1	2320	2470	2030	2274	9.84	cps
Molybdenum	97-1	1427	1403	1317	1382	4.19	cps
Molybdenum	98-1	3847	3457	3344	3549	7.44	cps
Neodymium	150-1	0	17	10	9	94.38	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	123	103	97	108	12.88	cps
Phosphorus	31-2	37	77	80	64	37.42	cps
Potassium	39-2	5471049	5430315	5395520	5432295	0.70	cps
Rhodium	103-1	3774193	3623902	3556143	3651413	3.06	cps
Rhodium	103-2	1915355	1901094	1900617	1905689	0.44	cps
Scandium	45-1	2337928	2252989	2166845	2252587	3.80	cps
Scandium	45-2	186000	183634	182111	183915	1.07	cps
Selenium	82-1	146	193	156	165	14.88	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	87	107	103	99	10.83	cps
Silicon	28-1	148770	148912	145725	147802	1.22	cps
Silver	107-1	130	133	123	129	3.95	cps
Silver	109-1	107	113	103	108	4.73	cps
Sodium	23-2	29753094	29953837	30100533	29935821	0.58	cps
Strontium	86-1	13737	13450	13123	13436	2.29	cps
Strontium	88-1	120905	115559	110867	115777	4.34	cps
Sulfur	34-1	108995	115237	118501	114244	4.23	cps
Terbium	159-1	5902963	5585087	5466848	5651633	3.99	cps
Terbium	159-2	3542337	3494963	3506173	3514491	0.70	cps
Thallium	203-1	1157	560	553	757	45.78	cps
Thallium	205-1	2624	1340	1193	1719	45.77	cps
Tin	118-1	1818	1577	1332	1575	15.41	cps
Titanium	47-1	47	27	37	37	27.27	cps

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

P3846-04

Instrumnet Name :

P7

Client Sample ID :

PT-SNTI-WP

Dilution Factor :

1

Date & Time Acquired :

2024-10-17 18:41:49

DataFile Name :

032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	23	10	13	16	44.60	cps
Vanadium	51-2	23	33	10	22	52.68	cps
Yttrium	89-1	7297851	7121985	6795912	7071916	3.60	cps
Yttrium	89-2	1623857	1555677	1591043	1590192	2.14	cps
Zinc	66-2	357	287	280	308	13.80	cps
Zirconium	90-1	240	113	203	186	35.13	cps
Zirconium	91-1	37	37	23	32	23.90	cps

LB Number : LB132992 Operator : Jaswal
Lab Sample ID : P3847-02DLX2 Instrumnet Name : P7
Client Sample ID : PT-TM1-WP Dilution Factor : 2
Date & Time Acquired : 2024-10-17 18:45:08 DataFile Name : 033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	120841	119547	120378	120255	0.55	cps
Antimony	121-1	1615341	1628661	1651698	1631900	1.13	cps
Arsenic	75-2	52683	51114	51884	51894	1.51	cps
Barium	135-1	334055	336632	336907	335865	0.47	cps
Barium	137-1	577198	586627	590643	584823	1.18	cps
Beryllium	9-1	121826	122910	122272	122336	0.45	cps
Bismuth	209-1	2410989	2361693	2360333	2377672	1.21	cps
Bismuth	209-2	2009605	1943677	1965567	1972950	1.70	cps
Bromine	81-1	6318	6545	6595	6486	2.27	cps
Bromine	81-2	80	67	57	68	17.27	cps
Cadmium	108-1	13149	12726	12912	12929	1.64	cps
Cadmium	106-1	18699	18919	18842	18820	0.59	cps
Cadmium	111-1	195938	199379	197988	197768	0.88	cps
Calcium	43-1	1177	1033	1127	1112	6.54	cps
Calcium	44-1	10817	10741	10507	10688	1.51	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	428229	434056	427440	429908	0.84	cps
Cobalt	59-2	204959	205808	204876	205214	0.25	cps
Copper	63-2	525825	519304	522836	522655	0.62	cps
Dysprosium	156-1	7	10	7	8	24.71	cps
Dysprosium	156-2	3	10	13	9	57.30	cps
Erbium	164-1	33	10	3	16	101.28	cps
Erbium	164-2	3	13	13	10	57.75	cps
Gadolinium	160-1	0	13	7	7	99.98	cps
Gadolinium	160-2	100	113	113	109	7.07	cps
Holmium	165-1	3781928	3823885	3768869	3791561	0.76	cps
Holmium	165-2	2694364	2626881	2660978	2660741	1.27	cps
Indium	115-1	2880349	2923958	2915695	2906667	0.80	cps
Indium	115-2	926952	914105	923278	921445	0.72	cps
Iron	56-2	990896	989849	986089	988945	0.26	cps
Iron	57-2	21593	21887	21684	21721	0.69	cps
Iron	54-2	68505	68287	69405	68732	0.86	cps
Krypton	83-1	103	77	63	81	25.11	cps

LB Number : LB132992 Operator : Jaswal
Lab Sample ID : P3847-02DLX2 Instrumnet Name : P7
Client Sample ID : PT-TM1-WP Dilution Factor : 2
Date & Time Acquired : 2024-10-17 18:45:08 DataFile Name : 033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1517086	1540903	1556373	1538120	1.29	cps
Lead	207-1	1267866	1291229	1295892	1284996	1.17	cps
Lead	208-1	6226185	6352429	6379331	6319315	1.29	cps
Lithium	6-1	803771	790617	799827	798072	0.85	cps
Magnesium	24-2	1640	1493	1567	1567	4.68	cps
Manganese	55-2	375708	376247	379192	377049	0.50	cps
Molybdenum	94-1	304101	307081	307555	306246	0.61	cps
Molybdenum	95-1	530834	533633	534387	532951	0.35	cps
Molybdenum	96-1	569811	575749	572699	572753	0.52	cps
Molybdenum	97-1	331287	337566	336372	335075	1.00	cps
Molybdenum	98-1	859939	868506	872717	867054	0.75	cps
Neodymium	150-1	47	30	30	36	27.07	cps
Neodymium	150-2	10	3	3	6	69.34	cps
Nickel	60-2	455625	453720	452005	453784	0.40	cps
Phosphorus	31-2	117	77	103	99	20.59	cps
Potassium	39-2	34449	34225	33911	34195	0.79	cps
Rhodium	103-1	2522971	2548973	2573220	2548388	0.99	cps
Rhodium	103-2	1448303	1419648	1445267	1437739	1.09	cps
Scandium	45-1	1491482	1512001	1523643	1509042	1.08	cps
Scandium	45-2	133212	131501	134225	132979	1.04	cps
Selenium	82-1	14127	14092	14279	14166	0.70	cps
Selenium	77-2	1407	1187	1193	1262	9.91	cps
Selenium	78-2	4394	4424	4431	4416	0.44	cps
Silicon	28-1	503892	503802	503730	503808	0.02	cps
Silver	107-1	1382890	1393138	1387941	1387990	0.37	cps
Silver	109-1	1318334	1322700	1323274	1321436	0.20	cps
Sodium	23-2	26803	26246	26206	26418	1.26	cps
Strontium	86-1	292252	293350	293701	293101	0.26	cps
Strontium	88-1	2592761	2585682	2600427	2592956	0.28	cps
Sulfur	34-1	122869	118229	117003	119367	2.59	cps
Terbium	159-1	3882295	3887740	3933688	3901241	0.72	cps
Terbium	159-2	2611662	2556920	2648984	2605856	1.78	cps
Thallium	203-1	820303	827684	833513	827166	0.80	cps
Thallium	205-1	2195038	2205719	2183861	2194873	0.50	cps
Tin	118-1	1655	1714	1737	1702	2.47	cps
Titanium	47-1	127	130	117	124	5.57	cps

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

P3847-02DLX2

Instrumnet Name :

P7

Client Sample ID :

PT-TM1-WP

Dilution Factor :

2

Date & Time Acquired :

2024-10-17 18:45:08

DataFile Name :

033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	23	7	23	18	54.11	cps
Vanadium	51-2	734925	740835	748137	741299	0.89	cps
Yttrium	89-1	4851785	4796048	4757853	4801895	0.98	cps
Yttrium	89-2	1189261	1182319	1191795	1187792	0.41	cps
Zinc	66-2	82047	80964	81075	81362	0.73	cps
Zirconium	90-1	1257	1333	1297	1296	2.96	cps
Zirconium	91-1	363	407	410	393	6.62	cps

LB Number :LB132992Operator :Jaswal

Lab Sample ID :P3847-04DLX2Instrumnet Name :P7

Client Sample ID :PT-SNTI-WPDilution Factor :2

Date & Time Acquired :2024-10-17 18:48:27DataFile Name :034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3764	3720	3510	3665	3.70	cps
Antimony	121-1	1010	963	1180	1051	10.85	cps
Arsenic	75-2	0	17	13	10	88.20	cps
Barium	135-1	150	167	157	158	5.32	cps
Barium	137-1	320	297	313	310	3.88	cps
Beryllium	9-1	193	143	123	153	23.52	cps
Bismuth	209-1	2415385	2366990	2420516	2400963	1.23	cps
Bismuth	209-2	1982754	1950970	2008252	1980659	1.45	cps
Bromine	81-1	6642	6375	6568	6528	2.11	cps
Bromine	81-2	50	67	70	62	17.22	cps
Cadmium	108-1	7	13	10	10	33.30	cps
Cadmium	106-1	1447	1417	1313	1392	5.02	cps
Cadmium	111-1	1021	999	926	982	5.10	cps
Calcium	43-1	237	153	200	197	21.24	cps
Calcium	44-1	4164	4081	3817	4021	4.50	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	327	197	250	258	25.35	cps
Cobalt	59-2	110	103	93	102	8.21	cps
Copper	63-2	847	747	803	799	6.28	cps
Dysprosium	156-1	20	13	27	20	33.35	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-1	30	10	17	19	53.91	cps
Erbium	164-2	23	3	13	13	75.02	cps
Gadolinium	160-1	13	20	7	13	49.99	cps
Gadolinium	160-2	87	127	97	103	20.14	cps
Holmium	165-1	3856826	3821846	3860620	3846430	0.56	cps
Holmium	165-2	2681535	2659822	2669525	2670294	0.41	cps
Indium	115-1	2896970	2922435	3005657	2941687	1.93	cps
Indium	115-2	928750	924130	917650	923510	0.60	cps
Iron	56-2	6001	5901	5921	5941	0.89	cps
Iron	57-2	525	575	599	566	6.64	cps
Iron	54-2	923	873	940	912	3.80	cps
Krypton	83-1	80	57	67	68	17.27	cps

LB Number : LB132992 Operator : Jaswal
Lab Sample ID : P3847-04DLX2 Instrumnet Name : P7
Client Sample ID : PT-SNTI-WP Dilution Factor : 2
Date & Time Acquired : 2024-10-17 18:48:27 DataFile Name : 034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	563	597	537	566	5.32	cps
Lead	207-1	510	450	487	482	6.27	cps
Lead	208-1	2490	2210	2170	2290	7.61	cps
Lithium	6-1	799762	793770	799552	797695	0.43	cps
Magnesium	24-2	1493	1593	1547	1545	3.24	cps
Manganese	55-2	183	183	160	176	7.68	cps
Molybdenum	94-1	2267	2107	2154	2176	3.78	cps
Molybdenum	95-1	83	137	133	118	25.37	cps
Molybdenum	96-1	513	470	413	466	10.77	cps
Molybdenum	97-1	80	87	90	86	5.95	cps
Molybdenum	98-1	210	153	233	199	20.68	cps
Neodymium	150-1	3	3	7	4	43.40	cps
Neodymium	150-2	3	10	0	4	114.60	cps
Nickel	60-2	143	83	113	113	26.48	cps
Phosphorus	31-2	113	80	87	93	18.90	cps
Potassium	39-2	34379	34372	34028	34260	0.59	cps
Rhodium	103-1	2633996	2635312	2651225	2640177	0.36	cps
Rhodium	103-2	1469260	1462845	1470465	1467523	0.28	cps
Scandium	45-1	1540082	1524012	1542378	1535490	0.65	cps
Scandium	45-2	136179	135802	134675	135552	0.58	cps
Selenium	82-1	103	93	116	104	11.28	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	90	97	93	93	3.57	cps
Silicon	28-1	2076032	2059354	2082085	2072490	0.57	cps
Silver	107-1	347	357	257	320	17.21	cps
Silver	109-1	410	257	237	301	31.49	cps
Sodium	23-2	41262	41255	41897	41471	0.89	cps
Strontium	86-1	213	183	233	210	11.98	cps
Strontium	88-1	477	483	480	480	0.69	cps
Sulfur	34-1	109747	107471	106011	107743	1.75	cps
Terbium	159-1	3932448	3977663	4059024	3989712	1.61	cps
Terbium	159-2	2646994	2675441	2614002	2645479	1.16	cps
Thallium	203-1	187	183	153	174	10.52	cps
Thallium	205-1	467	500	420	462	8.69	cps
Tin	118-1	2313159	2405372	2359437	2359322	1.95	cps
Titanium	47-1	23198	23201	23422	23274	0.55	cps

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

P3847-04DLX2

Instrumnet Name :

P7

Client Sample ID :

PT-SNTI-WP

Dilution Factor :

2

Date & Time Acquired :

2024-10-17 18:48:27

DataFile Name :

034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	23	23	7	18	54.11	cps
Vanadium	51-2	73	63	57	64	13.01	cps
Yttrium	89-1	4856953	4829451	4817241	4834548	0.42	cps
Yttrium	89-2	1230589	1216638	1209328	1218851	0.89	cps
Zinc	66-2	143	143	130	139	5.55	cps
Zirconium	90-1	5594	5721	5878	5731	2.48	cps
Zirconium	91-1	1277	1323	1250	1283	2.89	cps

LB Number :LB132992Operator :Jaswal

Lab Sample ID :P3847-06DLX5Instrumnet Name :P7

Client Sample ID :PT-MIN2-WPDilution Factor :5

Date & Time Acquired :2024-10-17 18:51:49DataFile Name :035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	200	160	200	187	12.37	cps
Antimony	121-1	293	260	343	299	14.03	cps
Arsenic	75-2	0	7	7	4	86.60	cps
Barium	135-1	90	117	103	103	12.90	cps
Barium	137-1	183	213	207	201	7.83	cps
Beryllium	9-1	167	140	160	156	8.92	cps
Bismuth	209-1	2501894	2538138	2473538	2504523	1.29	cps
Bismuth	209-2	2003060	1993138	1985062	1993753	0.45	cps
Bromine	81-1	7312	7509	6868	7230	4.54	cps
Bromine	81-2	143	103	113	120	17.35	cps
Cadmium	108-1	0	3	10	4	114.60	cps
Cadmium	106-1	1420	1593	1223	1412	13.11	cps
Cadmium	111-1	997	1120	856	991	13.31	cps
Calcium	43-1	162243	161461	160960	161555	0.40	cps
Calcium	44-1	2409219	2428549	2441706	2426492	0.67	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	153	150	187	163	12.41	cps
Cobalt	59-2	60	67	47	58	17.62	cps
Copper	63-2	530	617	597	581	7.81	cps
Dysprosium	156-1	13	7	7	9	43.25	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	13	10	10	11	17.30	cps
Erbium	164-2	7	3	10	7	50.03	cps
Gadolinium	160-1	10	23	7	13	66.12	cps
Gadolinium	160-2	137	140	93	123	21.11	cps
Holmium	165-1	4018690	4030147	3965485	4004774	0.86	cps
Holmium	165-2	2756205	2776869	2709062	2747379	1.27	cps
Indium	115-1	3091543	3075746	3054219	3073836	0.61	cps
Indium	115-2	962208	964398	945273	957293	1.09	cps
Iron	56-2	5241	5204	5081	5175	1.62	cps
Iron	57-2	3089	2926	2950	2988	2.96	cps
Iron	54-2	670	837	717	741	11.60	cps
Krypton	83-1	83	97	67	82	18.28	cps

LB Number : LB132992 Operator : Jaswal
Lab Sample ID : P3847-06DLX5 Instrumnet Name : P7
Client Sample ID : PT-MIN2-WP Dilution Factor : 5
Date & Time Acquired : 2024-10-17 18:51:49 DataFile Name : 035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	533	383	360	426	22.10	cps
Lead	207-1	423	377	387	396	6.21	cps
Lead	208-1	1993	1727	1680	1800	9.39	cps
Lithium	6-1	822219	816328	811309	816619	0.67	cps
Magnesium	24-2	933147	929646	924059	928951	0.49	cps
Manganese	55-2	137	137	113	129	10.45	cps
Molybdenum	94-1	273	307	303	294	6.23	cps
Molybdenum	95-1	350	373	350	358	3.76	cps
Molybdenum	96-1	397	447	457	433	7.42	cps
Molybdenum	97-1	187	263	270	240	19.29	cps
Molybdenum	98-1	587	617	563	589	4.54	cps
Neodymium	150-1	7	7	10	8	24.71	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	47	70	63	60	20.03	cps
Phosphorus	31-2	100	103	103	102	1.88	cps
Potassium	39-2	892622	887332	883148	887701	0.53	cps
Rhodium	103-1	2688455	2699789	2650032	2679426	0.97	cps
Rhodium	103-2	1481748	1496825	1477380	1485317	0.69	cps
Scandium	45-1	1607386	1602013	1579633	1596344	0.92	cps
Scandium	45-2	140252	139310	138109	139224	0.77	cps
Selenium	82-1	123	86	96	102	18.67	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	93	127	110	110	15.15	cps
Silicon	28-1	171450	169695	172411	171186	0.80	cps
Silver	107-1	110	97	70	92	22.08	cps
Silver	109-1	73	87	57	72	20.81	cps
Sodium	23-2	4403768	4414135	4389703	4402535	0.28	cps
Strontium	86-1	2174	2060	2044	2092	3.38	cps
Strontium	88-1	16753	16373	16259	16462	1.57	cps
Sulfur	34-1	112695	114716	115694	114368	1.34	cps
Terbium	159-1	4159988	4138263	4107994	4135415	0.63	cps
Terbium	159-2	2716375	2695401	2649003	2686926	1.28	cps
Thallium	203-1	150	160	120	143	14.52	cps
Thallium	205-1	333	340	317	330	3.64	cps
Tin	118-1	1287	1330	1437	1351	5.71	cps
Titanium	47-1	40	53	80	58	35.25	cps

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

P3847-06DLX5

Instrumnet Name :

P7

Client Sample ID :

PT-MIN2-WP

Dilution Factor :

5

Date & Time Acquired :

2024-10-17 18:51:49

DataFile Name :

035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	3	10	3	6	69.34	cps
Vanadium	51-2	10	20	13	14	35.26	cps
Yttrium	89-1	5083306	5065814	5060043	5069721	0.24	cps
Yttrium	89-2	1247721	1244827	1229377	1240642	0.79	cps
Zinc	66-2	90	133	70	98	33.11	cps
Zirconium	90-1	217	197	157	190	16.08	cps
Zirconium	91-1	23	50	30	34	40.30	cps

LB Number : LB132992 Operator : Jaswal
Lab Sample ID : CCV089 Instrumnet Name : P7
Client Sample ID : CCV089 Dilution Factor : 1
Date & Time Acquired : 2024-10-17 18:55:08 DataFile Name : 036CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4258921	4293810	4304473	4285734	0.56	cps
Antimony	121-1	1901929	1943002	1965068	1936666	1.65	cps
Arsenic	75-2	82796	82041	81864	82234	0.60	cps
Barium	135-1	2665213	2653274	2717632	2678706	1.28	cps
Barium	137-1	4538833	4578502	4618742	4578692	0.87	cps
Beryllium	9-1	367265	368254	373075	369531	0.84	cps
Bismuth	209-1	2181523	2168332	2156435	2168763	0.58	cps
Bismuth	209-2	1573392	1575058	1586034	1578161	0.44	cps
Bromine	81-1	6318	6415	5945	6226	3.99	cps
Bromine	81-2	43	47	37	42	12.06	cps
Cadmium	108-1	33786	34444	34180	34137	0.97	cps
Cadmium	106-1	49410	50223	49675	49769	0.83	cps
Cadmium	111-1	440319	448868	449870	446352	1.18	cps
Calcium	43-1	2499790	2495616	2545542	2513650	1.10	cps
Calcium	44-1	39194408	39573685	39633943	39467345	0.60	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	680421	667779	670339	672846	0.99	cps
Cobalt	59-2	1076685	1075319	1065284	1072429	0.58	cps
Copper	63-2	7400722	7213588	7314473	7309594	1.28	cps
Dysprosium	156-1	157	133	147	146	8.04	cps
Dysprosium	156-2	157	157	183	166	9.30	cps
Erbium	164-1	120	103	120	114	8.41	cps
Erbium	164-2	70	73	97	80	18.17	cps
Gadolinium	160-1	87	77	80	81	6.28	cps
Gadolinium	160-2	123	183	183	163	21.21	cps
Holmium	165-1	3828422	3691073	3736901	3752132	1.86	cps
Holmium	165-2	2615253	2568186	2577203	2586881	0.97	cps
Indium	115-1	2709938	2667243	2670507	2682563	0.89	cps
Indium	115-2	842411	840112	841692	841405	0.14	cps
Iron	56-2	148313384	148532891	148408191	148418156	0.07	cps
Iron	57-2	3697361	3695358	3697731	3696817	0.03	cps
Iron	54-2	8096404	8060532	8110978	8089305	0.32	cps
Krypton	83-1	53	77	90	73	25.31	cps

LB Number : LB132992 Operator : Jaswal
Lab Sample ID : CCV089 Instrumnet Name : P7
Client Sample ID : CCV089 Dilution Factor : 1
Date & Time Acquired : 2024-10-17 18:55:08 DataFile Name : 036CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	7720386	7841793	7917202	7826461	1.27	cps
Lead	207-1	6711312	6867756	6914077	6831048	1.56	cps
Lead	208-1	30623618	31252509	31711158	31195762	1.75	cps
Lithium	6-1	753234	742368	736345	743982	1.15	cps
Magnesium	24-2	36060128	35951614	36065321	36025688	0.18	cps
Manganese	55-2	5146567	5165046	5178341	5163318	0.31	cps
Molybdenum	94-1	6947886	6940051	6961811	6949916	0.16	cps
Molybdenum	95-1	10153441	10240078	10091487	10161669	0.73	cps
Molybdenum	96-1	10999372	11255858	11108462	11121231	1.16	cps
Molybdenum	97-1	6324643	6416928	6426119	6389230	0.88	cps
Molybdenum	98-1	16335100	16507444	16545948	16462831	0.68	cps
Neodymium	150-1	263	263	260	262	0.74	cps
Neodymium	150-2	80	93	93	89	8.66	cps
Nickel	60-2	260580	260265	258560	259802	0.42	cps
Phosphorus	31-2	41743	41001	40580	41108	1.43	cps
Potassium	39-2	20736696	20773017	20815437	20775050	0.19	cps
Rhodium	103-1	2345521	2323208	2238295	2302341	2.46	cps
Rhodium	103-2	1262458	1282568	1269933	1271653	0.80	cps
Scandium	45-1	1490002	1458761	1402578	1450447	3.05	cps
Scandium	45-2	128917	129494	128214	128875	0.50	cps
Selenium	82-1	25225	25843	25788	25619	1.34	cps
Selenium	77-2	2360	2307	2424	2364	2.47	cps
Selenium	78-2	8232	8139	8206	8192	0.59	cps
Silicon	28-1	1135013	1142316	1155513	1144281	0.91	cps
Silver	107-1	2141322	2145462	2176003	2154262	0.88	cps
Silver	109-1	2047768	2101271	2057787	2068942	1.37	cps
Sodium	23-2	58688136	58608074	57647721	58314644	0.99	cps
Strontium	86-1	14996733	15060326	15362226	15139762	1.29	cps
Strontium	88-1	131086291	132858035	133253525	132399284	0.87	cps
Sulfur	34-1	253746	256715	256186	255549	0.62	cps
Terbium	159-1	3899194	3822471	3791790	3837818	1.44	cps
Terbium	159-2	2558895	2550574	2538237	2549235	0.41	cps
Thallium	203-1	1886339	1958768	1975862	1940323	2.45	cps
Thallium	205-1	4627639	4629881	4728957	4662159	1.24	cps
Tin	118-1	1725129	1723220	1729762	1726037	0.19	cps
Titanium	47-1	2407327	2410444	2422034	2413268	0.32	cps

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

CCV089

Instrumnet Name :

P7

Client Sample ID :

CCV089

Dilution Factor :

1

Date & Time Acquired :

2024-10-17 18:55:08

DataFile Name :

036CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	6299175	6454416	6442738	6398776	1.35	cps
Vanadium	51-2	620081	616092	616705	617626	0.35	cps
Yttrium	89-1	4694030	4651531	4640967	4662176	0.60	cps
Yttrium	89-2	1137748	1142996	1131986	1137577	0.48	cps
Zinc	66-2	1212561	1210857	1206034	1209817	0.28	cps
Zirconium	90-1	3124636	3175099	3194625	3164787	1.14	cps
Zirconium	91-1	701564	705997	707558	705040	0.44	cps

LB Number : LB132992 Operator : Jaswal
Lab Sample ID : CCB089 Instrumnet Name : P7
Client Sample ID : CCB089 Dilution Factor : 1
Date & Time Acquired : 2024-10-17 18:58:04 DataFile Name : 037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	170	213	163	182	14.90	cps
Antimony	121-1	1493	1450	1807	1583	12.29	cps
Arsenic	75-2	13	20	13	16	24.76	cps
Barium	135-1	170	110	77	119	39.78	cps
Barium	137-1	303	170	190	221	32.52	cps
Beryllium	9-1	310	300	233	281	14.83	cps
Bismuth	209-1	2396857	2427638	2460395	2428297	1.31	cps
Bismuth	209-2	1967148	1658240	1986908	1870765	9.85	cps
Bromine	81-1	6558	6845	6325	6576	3.96	cps
Bromine	81-2	30	30	27	29	6.65	cps
Cadmium	108-1	10	3	10	8	49.52	cps
Cadmium	106-1	1487	1280	1550	1439	9.81	cps
Cadmium	111-1	1050	930	1118	1033	9.20	cps
Calcium	43-1	227	237	200	221	8.57	cps
Calcium	44-1	4721	4024	3671	4138	12.91	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	253	203	203	220	13.12	cps
Cobalt	59-2	97	97	103	99	3.89	cps
Copper	63-2	917	930	1053	967	7.80	cps
Dysprosium	156-1	0	0	17	6	173.21	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	7	13	3	8	65.47	cps
Erbium	164-2	13	7	33	18	78.05	cps
Gadolinium	160-1	13	7	13	11	34.61	cps
Gadolinium	160-2	117	97	133	116	15.89	cps
Holmium	165-1	3841061	3921564	3792946	3851857	1.69	cps
Holmium	165-2	2688607	2280469	2679476	2549517	9.14	cps
Indium	115-1	2906286	2997859	2885156	2929767	2.04	cps
Indium	115-2	925445	785238	929733	880139	9.34	cps
Iron	56-2	11221	10701	11314	11079	2.99	cps
Iron	57-2	645	575	648	623	6.64	cps
Iron	54-2	1110	1090	1200	1133	5.17	cps
Krypton	83-1	47	53	73	58	24.02	cps

LB Number : LB132992 Operator : Jaswal
Lab Sample ID : CCB089 Instrumnet Name : P7
Client Sample ID : CCB089 Dilution Factor : 1
Date & Time Acquired : 2024-10-17 18:58:04 DataFile Name : 037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	977	903	730	870	14.56	cps
Lead	207-1	793	693	660	716	9.70	cps
Lead	208-1	4037	3377	3117	3510	13.51	cps
Lithium	6-1	786376	800725	787983	791695	0.99	cps
Magnesium	24-2	2547	2524	2694	2588	3.56	cps
Manganese	55-2	300	290	317	302	4.46	cps
Molybdenum	94-1	963	767	717	816	15.99	cps
Molybdenum	95-1	917	813	643	791	17.45	cps
Molybdenum	96-1	1113	860	843	939	16.12	cps
Molybdenum	97-1	483	470	400	451	9.92	cps
Molybdenum	98-1	1413	1217	997	1209	17.24	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	60	43	40	48	22.43	cps
Phosphorus	31-2	107	107	83	99	13.63	cps
Potassium	39-2	36397	36006	36360	36254	0.60	cps
Rhodium	103-1	2559272	2579097	2544920	2561096	0.67	cps
Rhodium	103-2	1430102	1223627	1454850	1369527	9.27	cps
Scandium	45-1	1504021	1552429	1527207	1527886	1.58	cps
Scandium	45-2	133572	113342	136743	127886	9.93	cps
Selenium	82-1	99	117	97	104	10.56	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	123	107	90	107	15.63	cps
Silicon	28-1	174162	175917	176521	175533	0.70	cps
Silver	107-1	407	330	253	330	23.23	cps
Silver	109-1	270	233	187	230	18.16	cps
Sodium	23-2	22406	22286	21992	22228	0.96	cps
Strontium	86-1	950	687	560	732	27.17	cps
Strontium	88-1	6902	5084	4181	5389	25.72	cps
Sulfur	34-1	115952	116332	115573	115952	0.33	cps
Terbium	159-1	3860758	3957816	3923623	3914066	1.26	cps
Terbium	159-2	2589029	2210691	2645247	2481656	9.52	cps
Thallium	203-1	330	333	283	316	8.86	cps
Thallium	205-1	827	713	550	697	19.96	cps
Tin	118-1	1118	1394	1378	1297	11.95	cps
Titanium	47-1	227	160	160	182	21.12	cps

LB Number :LB132992

Operator :Jaswal

Lab Sample ID :CCB089

Instrumnet Name :P7

Client Sample ID :CCB089

Dilution Factor :1

Date & Time Acquired :2024-10-17 18:58:04

DataFile Name :037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	343	280	177	267	31.55	cps
Vanadium	51-2	23	17	37	26	39.85	cps
Yttrium	89-1	4762597	4891953	4804313	4819621	1.37	cps
Yttrium	89-2	1194942	1006632	1196013	1132529	9.63	cps
Zinc	66-2	183	157	157	166	9.30	cps
Zirconium	90-1	907	873	823	868	4.83	cps
Zirconium	91-1	200	213	203	206	3.38	cps

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

P3846-02DLX2

Instrumnet Name :

P7

Client Sample ID :

PT-TM1-WP

Dilution Factor :

2

Date & Time Acquired :

2024-10-17 19:01:26

DataFile Name :

038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	120817	121842	120511	121057	0.58	cps
Antimony	121-1	1648356	1671927	1674773	1665019	0.87	cps
Arsenic	75-2	53506	52867	52934	53102	0.66	cps
Barium	135-1	343582	344824	347351	345252	0.56	cps
Barium	137-1	593074	599528	602181	598261	0.78	cps
Beryllium	9-1	121880	123828	124973	123560	1.27	cps
Bismuth	209-1	2475032	2504573	2488838	2489481	0.59	cps
Bismuth	209-2	2036381	1968359	2040996	2015245	2.02	cps
Bromine	81-1	6518	6582	6358	6486	1.78	cps
Bromine	81-2	30	47	43	40	22.05	cps
Cadmium	108-1	13179	13516	13280	13325	1.30	cps
Cadmium	106-1	19630	19443	19847	19640	1.03	cps
Cadmium	111-1	202984	204911	205035	204310	0.56	cps
Calcium	43-1	1567	1140	1213	1307	17.47	cps
Calcium	44-1	16733	10664	10344	12580	28.62	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	437686	441637	438308	439210	0.48	cps
Cobalt	59-2	210038	207805	207319	208387	0.70	cps
Copper	63-2	531798	532032	527804	530544	0.45	cps
Dysprosium	156-1	7	13	20	13	49.99	cps
Dysprosium	156-2	23	7	10	13	66.12	cps
Erbium	164-1	17	27	17	20	28.86	cps
Erbium	164-2	13	7	10	10	33.30	cps
Gadolinium	160-1	7	10	13	10	33.30	cps
Gadolinium	160-2	113	127	127	122	6.30	cps
Holmium	165-1	3916360	3896077	3858008	3890148	0.76	cps
Holmium	165-2	2728106	2633240	2774829	2712059	2.66	cps
Indium	115-1	2994935	2973596	3000369	2989633	0.47	cps
Indium	115-2	953588	922347	969116	948350	2.51	cps
Iron	56-2	1009810	1018560	1000406	1009592	0.90	cps
Iron	57-2	22732	21650	21380	21921	3.26	cps
Iron	54-2	69868	69536	68093	69166	1.36	cps
Krypton	83-1	97	60	87	81	23.37	cps

LB Number : LB132992 Operator : Jaswal
Lab Sample ID : P3846-02DLX2 Instrumnet Name : P7
Client Sample ID : PT-TM1-WP Dilution Factor : 2
Date & Time Acquired : 2024-10-17 19:01:26 DataFile Name : 038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	1564096	1580186	1573104	1572462	0.51	cps
Lead	207-1	1311967	1318882	1323541	1318130	0.44	cps
Lead	208-1	6476199	6559155	6458198	6497851	0.83	cps
Lithium	6-1	809898	808704	809032	809211	0.08	cps
Magnesium	24-2	1603	1653	1430	1562	7.50	cps
Manganese	55-2	379833	383406	382753	381997	0.50	cps
Molybdenum	94-1	307019	313114	314007	311380	1.22	cps
Molybdenum	95-1	541279	548345	545597	545074	0.65	cps
Molybdenum	96-1	583070	589558	584969	585865	0.57	cps
Molybdenum	97-1	343363	346667	345459	345163	0.48	cps
Molybdenum	98-1	869406	885937	880630	878658	0.96	cps
Neodymium	150-1	30	27	23	27	12.51	cps
Neodymium	150-2	3	3	7	4	43.40	cps
Nickel	60-2	460275	463020	460651	461315	0.32	cps
Phosphorus	31-2	160	150	127	146	11.75	cps
Potassium	39-2	34710	33861	34182	34251	1.25	cps
Rhodium	103-1	2637294	2645856	2627662	2636937	0.35	cps
Rhodium	103-2	1484677	1446729	1504939	1478781	2.00	cps
Scandium	45-1	1554716	1557452	1537129	1549766	0.71	cps
Scandium	45-2	137925	132646	139421	136664	2.60	cps
Selenium	82-1	14299	14578	14163	14347	1.47	cps
Selenium	77-2	1263	1463	1453	1393	8.09	cps
Selenium	78-2	4517	4781	4627	4642	2.85	cps
Silicon	28-1	500415	508142	508477	505678	0.90	cps
Silver	107-1	1409726	1427204	1427514	1421481	0.72	cps
Silver	109-1	1338378	1356561	1350218	1348386	0.68	cps
Sodium	23-2	23445	23104	22697	23082	1.62	cps
Strontium	86-1	297436	302319	299751	299836	0.81	cps
Strontium	88-1	2610995	2663417	2677189	2650534	1.32	cps
Sulfur	34-1	114478	111997	109794	112090	2.09	cps
Terbium	159-1	4044228	3999369	3992798	4012132	0.70	cps
Terbium	159-2	2648289	2619479	2723040	2663603	2.01	cps
Thallium	203-1	841663	852635	845438	846578	0.66	cps
Thallium	205-1	2249382	2265733	2219169	2244761	1.05	cps
Tin	118-1	1559	1529	1625	1571	3.13	cps
Titanium	47-1	397	157	140	231	62.15	cps

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

P3846-02DLX2

Instrumnet Name :

P7

Client Sample ID :

PT-TM1-WP

Dilution Factor :

2

Date & Time Acquired :

2024-10-17 19:01:26

DataFile Name :

038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	57	27	37	40	38.18	cps
Vanadium	51-2	748044	758489	754867	753800	0.70	cps
Yttrium	89-1	4941462	4874705	4965328	4927165	0.95	cps
Yttrium	89-2	1238420	1197825	1259298	1231848	2.54	cps
Zinc	66-2	83371	84128	83039	83513	0.67	cps
Zirconium	90-1	1767	1717	1703	1729	1.93	cps
Zirconium	91-1	457	433	503	464	7.67	cps

LB Number : LB132992 Operator : Jaswal
Lab Sample ID : P3846-04DLX2 Instrumnet Name : P7
Client Sample ID : PT-SNTI-WP Dilution Factor : 2
Date & Time Acquired : 2024-10-17 19:04:46 DataFile Name : 039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3530	3514	3590	3545	1.14	cps
Antimony	121-1	1020	1043	1130	1064	5.45	cps
Arsenic	75-2	7	23	3	11	96.43	cps
Barium	135-1	160	200	167	176	12.21	cps
Barium	137-1	243	303	300	282	11.95	cps
Beryllium	9-1	207	187	140	178	19.24	cps
Bismuth	209-1	2438584	2456093	2437831	2444169	0.42	cps
Bismuth	209-2	1964791	1971889	1994910	1977197	0.80	cps
Bromine	81-1	6391	6101	6565	6353	3.69	cps
Bromine	81-2	37	60	80	59	36.83	cps
Cadmium	108-1	3	10	0	4	114.60	cps
Cadmium	106-1	1393	1353	1323	1357	2.59	cps
Cadmium	111-1	993	957	940	963	2.82	cps
Calcium	43-1	170	177	217	188	13.44	cps
Calcium	44-1	3997	4081	3931	4003	1.88	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	243	253	217	238	7.97	cps
Cobalt	59-2	97	80	90	89	9.44	cps
Copper	63-2	660	707	860	742	14.10	cps
Dysprosium	156-1	10	3	7	7	50.03	cps
Dysprosium	156-2	13	7	10	10	33.30	cps
Erbium	164-1	20	30	27	26	19.92	cps
Erbium	164-2	27	13	17	19	36.75	cps
Gadolinium	160-1	30	13	20	21	39.75	cps
Gadolinium	160-2	127	117	113	119	5.84	cps
Holmium	165-1	3867730	3861115	3854348	3861064	0.17	cps
Holmium	165-2	2686282	2691028	2660814	2679375	0.61	cps
Indium	115-1	3045615	2916425	2973709	2978583	2.17	cps
Indium	115-2	927411	924033	930247	927230	0.34	cps
Iron	56-2	6428	6712	6618	6586	2.19	cps
Iron	57-2	515	542	612	556	8.98	cps
Iron	54-2	840	910	957	902	6.51	cps
Krypton	83-1	87	80	83	83	4.00	cps

LB Number :LB132992Operator :Jaswal

Lab Sample ID :P3846-04DLX2Instrumnet Name :P7

Client Sample ID :PT-SNTI-WPDilution Factor :2

Date & Time Acquired :2024-10-17 19:04:46DataFile Name :039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	637	643	700	660	5.27	cps
Lead	207-1	583	483	480	516	11.39	cps
Lead	208-1	2527	2397	2507	2477	2.83	cps
Lithium	6-1	813702	811467	809869	811679	0.24	cps
Magnesium	24-2	1600	1503	1613	1572	3.82	cps
Manganese	55-2	143	180	167	163	11.36	cps
Molybdenum	94-1	2347	2194	2257	2266	3.40	cps
Molybdenum	95-1	177	137	150	154	13.19	cps
Molybdenum	96-1	500	580	563	548	7.71	cps
Molybdenum	97-1	83	70	87	80	11.02	cps
Molybdenum	98-1	197	260	227	228	13.91	cps
Neodymium	150-1	7	7	17	10	57.72	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	137	150	103	130	18.49	cps
Phosphorus	31-2	137	93	110	113	19.29	cps
Potassium	39-2	34055	34476	34122	34217	0.66	cps
Rhodium	103-1	2623679	2630732	2656313	2636908	0.65	cps
Rhodium	103-2	1485815	1467494	1469566	1474291	0.68	cps
Scandium	45-1	1557959	1527710	1575035	1553568	1.54	cps
Scandium	45-2	138560	134732	136639	136644	1.40	cps
Selenium	82-1	95	129	107	110	15.58	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	117	107	127	117	8.57	cps
Silicon	28-1	2084951	2106323	2116535	2102603	0.77	cps
Silver	107-1	400	333	273	336	18.88	cps
Silver	109-1	400	240	230	290	32.89	cps
Sodium	23-2	41148	41078	40483	40903	0.89	cps
Strontium	86-1	203	180	180	188	7.18	cps
Strontium	88-1	800	613	630	681	15.17	cps
Sulfur	34-1	108035	108874	108294	108401	0.40	cps
Terbium	159-1	4116294	3953648	4087415	4052452	2.14	cps
Terbium	159-2	2714253	2605196	2683271	2667573	2.11	cps
Thallium	203-1	280	187	203	223	22.29	cps
Thallium	205-1	573	513	503	530	7.14	cps
Tin	118-1	2407344	2370769	2454692	2410935	1.75	cps
Titanium	47-1	23889	24300	24540	24243	1.36	cps

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

P3846-04DLX2

Instrumnet Name :

P7

Client Sample ID :

PT-SNTI-WP

Dilution Factor :

2

Date & Time Acquired :

2024-10-17 19:04:46

DataFile Name :

039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	23	13	3	13	75.02	cps
Vanadium	51-2	53	37	60	50	24.03	cps
Yttrium	89-1	4918183	5020478	4962394	4967018	1.03	cps
Yttrium	89-2	1224617	1229491	1228881	1227663	0.22	cps
Zinc	66-2	133	170	170	158	13.41	cps
Zirconium	90-1	6128	6048	6168	6115	1.00	cps
Zirconium	91-1	1257	1360	1310	1309	3.95	cps

LB Number :LB132992Operator :Jaswal

Lab Sample ID :P3846-06DLX2Instrumnet Name :P7

Client Sample ID :PT-MIN2-WPDilution Factor :2

Date & Time Acquired :2024-10-17 19:08:06DataFile Name :040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	150	100	120	123	20.40	cps
Antimony	121-1	317	313	357	329	7.33	cps
Arsenic	75-2	7	3	7	6	34.70	cps
Barium	135-1	197	177	173	182	6.92	cps
Barium	137-1	283	343	337	321	10.24	cps
Beryllium	9-1	167	123	103	131	24.69	cps
Bismuth	209-1	2766373	2621979	2618004	2668785	3.17	cps
Bismuth	209-2	2124863	2127954	2117489	2123435	0.25	cps
Bromine	81-1	7132	7315	7312	7253	1.45	cps
Bromine	81-2	257	210	237	234	9.99	cps
Cadmium	108-1	7	3	17	9	78.08	cps
Cadmium	106-1	1537	1533	1503	1525	1.20	cps
Cadmium	111-1	1091	1101	1041	1078	3.00	cps
Calcium	43-1	436368	437473	430045	434629	0.92	cps
Calcium	44-1	6585636	6489419	6561903	6545652	0.77	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	170	160	123	151	16.26	cps
Cobalt	59-2	73	93	110	92	19.91	cps
Copper	63-2	687	687	663	679	1.98	cps
Dysprosium	156-1	10	10	13	11	17.30	cps
Dysprosium	156-2	3	10	7	7	50.03	cps
Erbium	164-1	13	13	13	13	0.00	cps
Erbium	164-2	10	23	10	14	53.28	cps
Gadolinium	160-1	10	10	7	9	21.63	cps
Gadolinium	160-2	130	110	130	123	9.36	cps
Holmium	165-1	4473362	4277089	4321391	4357281	2.36	cps
Holmium	165-2	2973561	2958387	2964201	2965383	0.26	cps
Indium	115-1	3390775	3313891	3285817	3330161	1.63	cps
Indium	115-2	1016173	1017551	1003498	1012407	0.77	cps
Iron	56-2	5905	5588	5731	5741	2.76	cps
Iron	57-2	6824	6743	7467	7011	5.66	cps
Iron	54-2	683	673	673	677	0.85	cps
Krypton	83-1	63	97	73	78	22.00	cps

LB Number :LB132992Operator :Jaswal

Lab Sample ID :P3846-06DLX2Instrumnet Name :P7

Client Sample ID :PT-MIN2-WPDilution Factor :2

Date & Time Acquired :2024-10-17 19:08:06DataFile Name :040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	967	910	843	907	6.81	cps
Lead	207-1	863	733	683	760	12.23	cps
Lead	208-1	3510	3464	3344	3439	2.50	cps
Lithium	6-1	920551	905081	895400	907011	1.40	cps
Magnesium	24-2	2392739	2373675	2314896	2360437	1.72	cps
Manganese	55-2	210	190	197	199	5.12	cps
Molybdenum	94-1	593	547	580	573	4.19	cps
Molybdenum	95-1	950	917	803	890	8.64	cps
Molybdenum	96-1	1063	1013	1033	1037	2.43	cps
Molybdenum	97-1	603	573	700	626	10.58	cps
Molybdenum	98-1	1460	1550	1513	1508	3.00	cps
Neodymium	150-1	20	0	7	9	114.55	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	87	83	90	87	3.85	cps
Phosphorus	31-2	117	123	107	116	7.26	cps
Potassium	39-2	2174785	2145200	2138897	2152960	0.89	cps
Rhodium	103-1	2918225	2865818	2846238	2876760	1.29	cps
Rhodium	103-2	1594213	1573773	1554147	1574045	1.27	cps
Scandium	45-1	1804527	1745472	1714935	1754978	2.60	cps
Scandium	45-2	149657	150744	149516	149972	0.45	cps
Selenium	82-1	147	116	128	130	11.95	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	117	97	90	101	13.73	cps
Silicon	28-1	162790	163400	163910	163367	0.34	cps
Silver	107-1	83	100	90	91	9.21	cps
Silver	109-1	73	87	63	74	15.73	cps
Sodium	23-2	11520721	11617754	11532870	11557115	0.46	cps
Strontium	86-1	5358	5261	5134	5251	2.13	cps
Strontium	88-1	44969	44343	44337	44550	0.81	cps
Sulfur	34-1	109451	114539	118965	114318	4.16	cps
Terbium	159-1	4576875	4480549	4372337	4476587	2.29	cps
Terbium	159-2	2885349	2916763	2903638	2901916	0.54	cps
Thallium	203-1	300	253	203	252	19.17	cps
Thallium	205-1	713	517	390	540	30.17	cps
Tin	118-1	1112	1179	1262	1185	6.34	cps
Titanium	47-1	37	53	87	59	43.23	cps

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

P3846-06DLX2

Instrumnet Name :

P7

Client Sample ID :

PT-MIN2-WP

Dilution Factor :

2

Date & Time Acquired :

2024-10-17 19:08:06

DataFile Name :

040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	17	17	10	14	26.66	cps
Vanadium	51-2	10	17	17	14	26.66	cps
Yttrium	89-1	5585277	5441640	5448226	5491714	1.48	cps
Yttrium	89-2	1324808	1336926	1311669	1324468	0.95	cps
Zinc	66-2	160	167	187	171	8.11	cps
Zirconium	90-1	173	170	140	161	11.40	cps
Zirconium	91-1	30	17	47	31	48.31	cps

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

PB164203BL

Instrumnet Name :

P7

Client Sample ID :

PBW203

Dilution Factor :

1

Date & Time Acquired :

2024-10-17 19:16:39

DataFile Name :

041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	60	73	63	66	10.58	cps
Antimony	121-1	137	153	180	157	13.95	cps
Arsenic	75-2	0	3	7	3	100.05	cps
Barium	135-1	13	3	17	11	62.48	cps
Barium	137-1	27	23	50	33	43.59	cps
Beryllium	9-1	100	133	113	116	14.52	cps
Bismuth	209-1	2479236	2454958	2444651	2459615	0.72	cps
Bismuth	209-2	1970454	1989468	1980928	1980283	0.48	cps
Bromine	81-1	6918	6898	6775	6864	1.13	cps
Bromine	81-2	27	37	40	34	20.14	cps
Cadmium	108-1	0	7	3	3	100.05	cps
Cadmium	106-1	1313	1173	1310	1266	6.31	cps
Cadmium	111-1	926	817	915	886	6.79	cps
Calcium	43-1	130	160	143	144	10.41	cps
Calcium	44-1	2764	2627	2447	2613	6.08	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	153	160	170	161	5.20	cps
Cobalt	59-2	23	7	30	20	60.08	cps
Copper	63-2	663	563	580	602	8.90	cps
Dysprosium	156-1	10	3	17	10	66.70	cps
Dysprosium	156-2	7	0	7	4	86.60	cps
Erbium	164-1	30	37	17	28	36.66	cps
Erbium	164-2	10	13	17	13	25.01	cps
Gadolinium	160-1	20	10	17	16	32.73	cps
Gadolinium	160-2	127	97	127	117	14.85	cps
Holmium	165-1	3886069	3875717	3871733	3877840	0.19	cps
Holmium	165-2	2683975	2686129	2639349	2669818	0.99	cps
Indium	115-1	2997549	3018852	2939524	2985308	1.38	cps
Indium	115-2	933666	930727	922462	928952	0.63	cps
Iron	56-2	4981	4774	4731	4829	2.77	cps
Iron	57-2	476	460	493	476	3.46	cps
Iron	54-2	720	823	937	827	13.11	cps
Krypton	83-1	97	110	70	92	22.08	cps

LB Number : LB132992 Operator : Jaswal
Lab Sample ID : PB164203BL Instrumnet Name : P7
Client Sample ID : PBW203 Dilution Factor : 1
Date & Time Acquired : 2024-10-17 19:16:39 DataFile Name : 041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	320	363	243	309	19.67	cps
Lead	207-1	267	237	247	250	6.11	cps
Lead	208-1	1163	1197	1057	1139	6.42	cps
Lithium	6-1	781832	787640	783732	784401	0.38	cps
Magnesium	24-2	1453	1567	1560	1527	4.17	cps
Manganese	55-2	73	67	80	73	9.09	cps
Molybdenum	94-1	110	90	117	106	13.15	cps
Molybdenum	95-1	30	63	63	52	36.85	cps
Molybdenum	96-1	70	67	67	68	2.84	cps
Molybdenum	97-1	27	20	40	29	35.25	cps
Molybdenum	98-1	80	103	70	84	20.26	cps
Neodymium	150-1	3	3	0	2	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	60	33	43	46	29.58	cps
Phosphorus	31-2	127	113	83	108	20.60	cps
Potassium	39-2	33353	33908	33614	33625	0.82	cps
Rhodium	103-1	2640259	2660436	2625469	2642055	0.66	cps
Rhodium	103-2	1463634	1451891	1446619	1454048	0.60	cps
Scandium	45-1	1562465	1521367	1540922	1541585	1.33	cps
Scandium	45-2	137396	134090	134235	135240	1.38	cps
Selenium	82-1	70	78	129	92	34.67	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	83	93	67	81	16.60	cps
Silicon	28-1	173405	171626	177262	174097	1.66	cps
Silver	107-1	83	60	83	76	17.83	cps
Silver	109-1	43	40	47	43	7.70	cps
Sodium	23-2	11628	11665	11735	11676	0.46	cps
Strontium	86-1	110	167	100	126	28.64	cps
Strontium	88-1	167	127	137	143	14.52	cps
Sulfur	34-1	120961	122059	120988	121336	0.52	cps
Terbium	159-1	3979072	3992291	3893599	3954987	1.35	cps
Terbium	159-2	2617739	2620537	2605121	2614466	0.31	cps
Thallium	203-1	140	103	110	118	16.58	cps
Thallium	205-1	310	243	260	271	12.80	cps
Tin	118-1	870	900	997	922	7.18	cps
Titanium	47-1	40	60	50	50	20.00	cps

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

PB164203BL

Instrumnet Name :

P7

Client Sample ID :

PBW203

Dilution Factor :

1

Date & Time Acquired :

2024-10-17 19:16:39

DataFile Name :

041CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	7	7	7	7	0.00	cps
Vanadium	51-2	0	17	10	9	94.38	cps
Yttrium	89-1	4880966	4912347	4838906	4877406	0.76	cps
Yttrium	89-2	1205972	1206300	1190697	1200990	0.74	cps
Zinc	66-2	77	60	100	79	25.47	cps
Zirconium	90-1	203	170	327	233	35.37	cps
Zirconium	91-1	80	43	57	60	30.93	cps

LB Number :LB132992Operator :Jaswal

Lab Sample ID :PB164203BSInstrumnet Name :P7

Client Sample ID :LCS203Dilution Factor :1

Date & Time Acquired :2024-10-17 19:20:02DataFile Name :042LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	924246	916800	920880	920642	0.41	cps
Antimony	121-1	2128795	2162759	2143491	2145015	0.79	cps
Arsenic	75-2	91060	90571	91268	90966	0.39	cps
Barium	135-1	2919699	2914024	2889243	2907655	0.56	cps
Barium	137-1	4926753	4965077	4969425	4953752	0.47	cps
Beryllium	9-1	391489	394794	392662	392982	0.43	cps
Bismuth	209-1	2324065	1934665	2384213	2214314	11.02	cps
Bismuth	209-2	1893864	1903757	1897451	1898358	0.26	cps
Bromine	81-1	6421	6131	6361	6305	2.43	cps
Bromine	81-2	43	37	40	40	8.32	cps
Cadmium	108-1	37351	38221	37866	37813	1.16	cps
Cadmium	106-1	54933	55455	55619	55336	0.65	cps
Cadmium	111-1	504478	510927	507239	507548	0.64	cps
Calcium	43-1	604877	611917	602945	606580	0.78	cps
Calcium	44-1	8885630	8867623	8842472	8865242	0.24	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	730768	728726	726645	728713	0.28	cps
Cobalt	59-2	1086549	1080471	1083023	1083348	0.28	cps
Copper	63-2	7608277	7606133	7564177	7592862	0.33	cps
Dysprosium	156-1	90	47	47	61	40.93	cps
Dysprosium	156-2	147	110	173	143	22.19	cps
Erbium	164-1	30	40	33	34	14.78	cps
Erbium	164-2	33	40	33	36	10.83	cps
Gadolinium	160-1	37	23	17	26	39.85	cps
Gadolinium	160-2	117	167	140	141	17.73	cps
Holmium	165-1	3849925	3242102	3971242	3687756	10.59	cps
Holmium	165-2	2684109	2703915	2680963	2689662	0.46	cps
Indium	115-1	2847039	2328273	2883910	2686407	11.57	cps
Indium	115-2	896802	895126	892859	894929	0.22	cps
Iron	56-2	32594286	32570660	32521450	32562132	0.11	cps
Iron	57-2	836305	834354	834960	835206	0.12	cps
Iron	54-2	1799011	1780240	1835171	1804807	1.55	cps
Krypton	83-1	83	50	73	69	24.83	cps

LB Number : LB132992 Operator : Jaswal
Lab Sample ID : PB164203BS Instrumnet Name : P7
Client Sample ID : LCS203 Dilution Factor : 1
Date & Time Acquired : 2024-10-17 19:20:02 DataFile Name : 042LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	8624400	8802248	8774717	8733788	1.10	cps
Lead	207-1	7472316	7606387	7674430	7584378	1.36	cps
Lead	208-1	34149615	34713979	34881099	34581564	1.11	cps
Lithium	6-1	767820	644879	779228	730643	10.20	cps
Magnesium	24-2	7341973	7400220	7341388	7361194	0.46	cps
Manganese	55-2	5631616	5576812	5569089	5592506	0.61	cps
Molybdenum	94-1	7492536	7626785	7418474	7512599	1.41	cps
Molybdenum	95-1	10871978	10995461	10916166	10927868	0.57	cps
Molybdenum	96-1	11910106	12300351	11895647	12035368	1.91	cps
Molybdenum	97-1	6833300	7051957	6876234	6920497	1.67	cps
Molybdenum	98-1	17742278	17958023	17662211	17787504	0.86	cps
Neodymium	150-1	230	270	183	228	19.04	cps
Neodymium	150-2	37	53	33	41	26.06	cps
Nickel	60-2	265841	266790	265200	265943	0.30	cps
Phosphorus	31-2	44495	44184	44782	44487	0.67	cps
Potassium	39-2	4526961	4448787	4489818	4488522	0.87	cps
Rhodium	103-1	2510374	2041948	2548446	2366923	11.92	cps
Rhodium	103-2	1397874	1386910	1389006	1391263	0.42	cps
Scandium	45-1	1523303	1228358	1517805	1423155	11.86	cps
Scandium	45-2	132553	131521	132815	132297	0.52	cps
Selenium	82-1	29087	28928	29306	29107	0.65	cps
Selenium	77-2	2787	2697	2660	2715	2.40	cps
Selenium	78-2	9256	9350	8933	9180	2.38	cps
Silicon	28-1	1202520	1217461	1215042	1211674	0.66	cps
Silver	107-1	2488794	2500844	2499259	2496299	0.26	cps
Silver	109-1	2424539	2410300	2392920	2409253	0.66	cps
Sodium	23-2	12505555	12510537	12488949	12501681	0.09	cps
Strontium	86-1	16388839	16330479	16379865	16366394	0.19	cps
Strontium	88-1	142580258	142480348	142849455	142636687	0.13	cps
Sulfur	34-1	268969	266333	264949	266750	0.77	cps
Terbium	159-1	3906160	3293561	3990394	3730038	10.20	cps
Terbium	159-2	2628742	2626283	2595507	2616844	0.71	cps
Thallium	203-1	2130629	2155010	2200026	2161888	1.63	cps
Thallium	205-1	5087308	5165575	5183471	5145451	0.99	cps
Tin	118-1	1832303	1864622	1818679	1838535	1.28	cps
Titanium	47-1	2606487	2610723	2584952	2600721	0.53	cps

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

PB164203BS

Instrumnet Name :

P7

Client Sample ID :

LCS203

Dilution Factor :

1

Date & Time Acquired :

2024-10-17 19:20:02

DataFile Name :

042LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	6826636	6839363	6825012	6830337	0.12	cps
Vanadium	51-2	665663	662406	656905	661658	0.67	cps
Yttrium	89-1	4827739	3918316	4855551	4533869	11.76	cps
Yttrium	89-2	1198620	1178885	1190889	1189465	0.84	cps
Zinc	66-2	1264252	1252576	1259721	1258850	0.47	cps
Zirconium	90-1	3330956	3396670	3393118	3373581	1.10	cps
Zirconium	91-1	751577	767891	753345	757604	1.18	cps

LB Number : LB132992 Operator : Jaswal
Lab Sample ID : PB164204BL Instrumnet Name : P7
Client Sample ID : PBW204 Dilution Factor : 1
Date & Time Acquired : 2024-10-17 19:22:59 DataFile Name : 043CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	73	100	87	87	15.39	cps
Antimony	121-1	1367	1243	1483	1365	8.80	cps
Arsenic	75-2	7	17	7	10	57.72	cps
Barium	135-1	147	87	80	104	35.16	cps
Barium	137-1	173	143	97	138	28.04	cps
Beryllium	9-1	280	227	190	232	19.49	cps
Bismuth	209-1	2432858	2427871	2479921	2446883	1.17	cps
Bismuth	209-2	1961207	1994994	1960792	1972331	1.00	cps
Bromine	81-1	6635	6328	6368	6444	2.59	cps
Bromine	81-2	33	47	23	34	34.00	cps
Cadmium	108-1	7	3	13	8	65.47	cps
Cadmium	106-1	1503	1320	1337	1387	7.31	cps
Cadmium	111-1	1061	942	956	986	6.60	cps
Calcium	43-1	137	163	140	147	9.91	cps
Calcium	44-1	2937	2740	2810	2829	3.52	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	210	223	243	226	7.44	cps
Cobalt	59-2	70	40	53	54	27.61	cps
Copper	63-2	837	820	710	789	8.73	cps
Dysprosium	156-1	0	3	0	1	173.21	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	13	7	20	13	49.99	cps
Erbium	164-2	23	10	3	12	83.33	cps
Gadolinium	160-1	3	3	10	6	69.34	cps
Gadolinium	160-2	123	97	140	120	18.21	cps
Holmium	165-1	3912433	3887251	3876995	3892226	0.47	cps
Holmium	165-2	2691562	2673681	2677322	2680855	0.35	cps
Indium	115-1	2967191	2937278	2945540	2950003	0.52	cps
Indium	115-2	928507	928529	929374	928803	0.05	cps
Iron	56-2	5574	5835	5938	5782	3.24	cps
Iron	57-2	522	476	549	516	7.17	cps
Iron	54-2	970	880	850	900	6.94	cps
Krypton	83-1	60	67	50	59	14.25	cps

LB Number : LB132992 Operator : Jaswal
Lab Sample ID : PB164204BL Instrumnet Name : P7
Client Sample ID : PBW204 Dilution Factor : 1
Date & Time Acquired : 2024-10-17 19:22:59 DataFile Name : 043CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	927	780	727	811	12.77	cps
Lead	207-1	890	570	520	660	30.42	cps
Lead	208-1	3744	3037	2873	3218	14.37	cps
Lithium	6-1	777560	772342	775326	775076	0.34	cps
Magnesium	24-2	1537	1497	1450	1495	2.90	cps
Manganese	55-2	227	297	283	269	13.82	cps
Molybdenum	94-1	800	730	707	746	6.52	cps
Molybdenum	95-1	833	677	590	700	17.62	cps
Molybdenum	96-1	933	743	817	831	11.53	cps
Molybdenum	97-1	503	337	357	399	22.81	cps
Molybdenum	98-1	1237	990	1003	1077	12.89	cps
Neodymium	150-1	7	3	0	3	100.05	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	73	50	63	62	18.81	cps
Phosphorus	31-2	93	127	120	113	15.57	cps
Potassium	39-2	33357	33460	33594	33470	0.36	cps
Rhodium	103-1	2580887	2577939	2602678	2587168	0.52	cps
Rhodium	103-2	1452463	1446869	1436168	1445166	0.57	cps
Scandium	45-1	1483580	1501675	1514493	1499916	1.04	cps
Scandium	45-2	134820	133905	133387	134037	0.54	cps
Selenium	82-1	117	122	138	125	8.71	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	97	83	97	92	8.35	cps
Silicon	28-1	178202	176911	176760	177291	0.45	cps
Silver	107-1	433	347	277	352	22.28	cps
Silver	109-1	363	270	280	304	16.83	cps
Sodium	23-2	13002	12875	12405	12761	2.47	cps
Strontium	86-1	763	497	473	578	27.89	cps
Strontium	88-1	5775	3754	2934	4154	35.20	cps
Sulfur	34-1	113088	110677	111006	111590	1.17	cps
Terbium	159-1	4010129	3950174	3940992	3967098	0.95	cps
Terbium	159-2	2626358	2634991	2603037	2621462	0.63	cps
Thallium	203-1	207	243	250	233	10.00	cps
Thallium	205-1	690	510	437	546	23.90	cps
Tin	118-1	1058	1044	1077	1060	1.57	cps
Titanium	47-1	200	157	150	169	16.07	cps

LB Number : LB132992 Operator : Jaswal
Lab Sample ID : PB164204BL Instrumnet Name : P7
Client Sample ID : PBW204 Dilution Factor : 1
Date & Time Acquired : 2024-10-17 19:22:59 DataFile Name : 043CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	243	193	150	196	23.89	cps
Vanadium	51-2	7	20	20	16	49.47	cps
Yttrium	89-1	4825001	4804134	4811095	4813410	0.22	cps
Yttrium	89-2	1191922	1201707	1199805	1197811	0.43	cps
Zinc	66-2	157	173	163	164	5.10	cps
Zirconium	90-1	883	723	753	787	10.81	cps
Zirconium	91-1	223	157	190	190	17.54	cps

LB Number : LB132992 Operator : Jaswal
Lab Sample ID : PB164204BS Instrumnet Name : P7
Client Sample ID : LCS204 Dilution Factor : 1
Date & Time Acquired : 2024-10-17 19:26:21 DataFile Name : 044DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	932532	933150	925618	930433	0.45	cps
Antimony	121-1	2170531	2176239	2168578	2171783	0.18	cps
Arsenic	75-2	90661	91741	91305	91236	0.60	cps
Barium	135-1	2959055	2951980	2949529	2953521	0.17	cps
Barium	137-1	5021328	5074319	5016022	5037223	0.64	cps
Beryllium	9-1	396110	392791	394745	394549	0.42	cps
Bismuth	209-1	2332442	2419872	2364176	2372164	1.87	cps
Bismuth	209-2	1902274	1873810	1937508	1904530	1.68	cps
Bromine	81-1	6288	6125	6221	6211	1.32	cps
Bromine	81-2	40	23	33	32	26.04	cps
Cadmium	108-1	38260	38404	38133	38266	0.35	cps
Cadmium	106-1	55833	55342	55516	55564	0.45	cps
Cadmium	111-1	511483	512696	511592	511924	0.13	cps
Calcium	43-1	613359	612368	610927	612218	0.20	cps
Calcium	44-1	9065003	8952764	8992627	9003465	0.63	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	738584	741565	738961	739703	0.22	cps
Cobalt	59-2	1090060	1094926	1092429	1092472	0.22	cps
Copper	63-2	7644170	7673617	7673042	7663609	0.22	cps
Dysprosium	156-1	63	53	70	62	13.48	cps
Dysprosium	156-2	130	140	117	129	9.08	cps
Erbium	164-1	30	47	40	39	21.57	cps
Erbium	164-2	27	40	43	37	24.04	cps
Gadolinium	160-1	40	43	30	38	18.36	cps
Gadolinium	160-2	117	147	123	129	12.22	cps
Holmium	165-1	3853814	4007938	3890129	3917294	2.06	cps
Holmium	165-2	2675797	2633172	2683498	2664156	1.02	cps
Indium	115-1	2851434	2965794	2863505	2893578	2.17	cps
Indium	115-2	886894	881855	901680	890143	1.16	cps
Iron	56-2	33120918	33074046	33032181	33075715	0.13	cps
Iron	57-2	851342	848711	840745	846933	0.65	cps
Iron	54-2	1835296	1831274	1792974	1819848	1.28	cps
Krypton	83-1	77	80	67	74	9.32	cps

LB Number : LB132992 Operator : Jaswal
Lab Sample ID : PB164204BS Instrumnet Name : P7
Client Sample ID : LCS204 Dilution Factor : 1
Date & Time Acquired : 2024-10-17 19:26:21 DataFile Name : 044DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	8791909	8830616	8899173	8840566	0.61	cps
Lead	207-1	7657073	7653757	7712901	7674577	0.43	cps
Lead	208-1	35042802	35229931	35359931	35210888	0.45	cps
Lithium	6-1	766405	784502	771626	774177	1.20	cps
Magnesium	24-2	7387129	7441093	7334556	7387593	0.72	cps
Manganese	55-2	5740125	5611666	5660372	5670721	1.14	cps
Molybdenum	94-1	7692212	7657882	7546764	7632286	1.00	cps
Molybdenum	95-1	11129170	11104077	11052449	11095232	0.35	cps
Molybdenum	96-1	12216010	12177113	12118571	12170565	0.40	cps
Molybdenum	97-1	6993892	6995057	7005593	6998181	0.09	cps
Molybdenum	98-1	18114590	18127638	17924268	18055499	0.63	cps
Neodymium	150-1	250	260	233	248	5.44	cps
Neodymium	150-2	30	50	47	42	25.38	cps
Nickel	60-2	269933	269094	269171	269399	0.17	cps
Phosphorus	31-2	45147	44932	44628	44902	0.58	cps
Potassium	39-2	4468276	4499130	4507215	4491541	0.46	cps
Rhodium	103-1	2465701	2558693	2484337	2502910	1.97	cps
Rhodium	103-2	1387729	1365060	1401768	1384852	1.34	cps
Scandium	45-1	1475347	1500037	1507290	1494225	1.12	cps
Scandium	45-2	131232	129942	133556	131576	1.39	cps
Selenium	82-1	29070	29222	29061	29118	0.31	cps
Selenium	77-2	2814	2720	2517	2684	5.65	cps
Selenium	78-2	9250	9160	8859	9090	2.25	cps
Silicon	28-1	1210988	1210916	1236835	1219579	1.23	cps
Silver	107-1	2477610	2532590	2480429	2496876	1.24	cps
Silver	109-1	2423715	2362576	2406172	2397488	1.31	cps
Sodium	23-2	12529975	12618998	12570244	12573072	0.35	cps
Strontium	86-1	16774865	16544109	16588495	16635823	0.74	cps
Strontium	88-1	146450804	145446018	146579128	146158650	0.42	cps
Sulfur	34-1	264182	260756	261583	262174	0.68	cps
Terbium	159-1	3968932	4052358	3971091	3997461	1.19	cps
Terbium	159-2	2603577	2581443	2674130	2619717	1.85	cps
Thallium	203-1	2178999	2225681	2179200	2194627	1.23	cps
Thallium	205-1	5245036	5314230	5235376	5264881	0.82	cps
Tin	118-1	1855623	1904349	1854135	1871369	1.53	cps
Titanium	47-1	2639881	2605977	2620612	2622157	0.65	cps

LB Number : LB132992 Operator : Jaswal
Lab Sample ID : PB164204BS Instrumnet Name : P7
Client Sample ID : LCS204 Dilution Factor : 1
Date & Time Acquired : 2024-10-17 19:26:21 DataFile Name : 044DLCW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	6863046	6948469	6875567	6895694	0.67	cps
Vanadium	51-2	673514	673356	667450	671440	0.51	cps
Yttrium	89-1	4808112	4909836	4795706	4837885	1.29	cps
Yttrium	89-2	1182672	1176877	1196170	1185240	0.84	cps
Zinc	66-2	1272238	1269249	1272357	1271281	0.14	cps
Zirconium	90-1	3454735	3456197	3427044	3445992	0.48	cps
Zirconium	91-1	772017	772512	765426	769985	0.51	cps

LB Number :LB132992Operator :Jaswal

Lab Sample ID :CCV090Instrumnet Name :P7

Client Sample ID :CCV090Dilution Factor :1

Date & Time Acquired :2024-10-17 19:29:17DataFile Name :045CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4427470	4413539	4386222	4409077	0.48	cps
Antimony	121-1	2016716	1998896	2035107	2016907	0.90	cps
Arsenic	75-2	84954	84757	83637	84449	0.84	cps
Barium	135-1	2801484	2809075	2766735	2792432	0.81	cps
Barium	137-1	4766031	4771504	4829469	4789001	0.73	cps
Beryllium	9-1	374972	376400	379907	377093	0.67	cps
Bismuth	209-1	2158895	2249095	2208920	2205637	2.05	cps
Bismuth	209-2	1578160	1600087	1598156	1592134	0.76	cps
Bromine	81-1	6165	6385	6605	6385	3.45	cps
Bromine	81-2	30	43	47	40	22.05	cps
Cadmium	108-1	34728	35366	35066	35053	0.91	cps
Cadmium	106-1	50942	51555	51936	51477	0.97	cps
Cadmium	111-1	461122	463987	463568	462892	0.33	cps
Calcium	43-1	2599655	2594117	2650850	2614874	1.20	cps
Calcium	44-1	40987905	40948623	41356254	41097594	0.55	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	693483	697573	688518	693191	0.65	cps
Cobalt	59-2	1093337	1095858	1082863	1090686	0.63	cps
Copper	63-2	7505841	7434838	7352510	7431063	1.03	cps
Dysprosium	156-1	160	107	110	126	23.79	cps
Dysprosium	156-2	180	157	203	180	12.96	cps
Erbium	164-1	147	107	150	134	17.93	cps
Erbium	164-2	80	87	80	82	4.68	cps
Gadolinium	160-1	80	97	83	87	10.18	cps
Gadolinium	160-2	180	150	133	154	15.31	cps
Holmium	165-1	3865118	3802325	3807815	3825086	0.91	cps
Holmium	165-2	2606717	2615424	2604501	2608881	0.22	cps
Indium	115-1	2686724	2754321	2704393	2715146	1.29	cps
Indium	115-2	842107	854393	856641	851047	0.92	cps
Iron	56-2	155065494	154374784	152576768	154005682	0.83	cps
Iron	57-2	3793777	3783496	3779106	3785460	0.20	cps
Iron	54-2	8380005	8415832	8351070	8382302	0.39	cps
Krypton	83-1	70	67	83	73	12.02	cps

LB Number : LB132992 Operator : Jaswal
Lab Sample ID : CCV090 Instrumnet Name : P7
Client Sample ID : CCV090 Dilution Factor : 1
Date & Time Acquired : 2024-10-17 19:29:17 DataFile Name : 045CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	8120912	8248022	8227133	8198689	0.83	cps
Lead	207-1	7065001	7188998	7160455	7138152	0.91	cps
Lead	208-1	32271548	32953010	32752676	32659078	1.07	cps
Lithium	6-1	742639	746695	740398	743244	0.43	cps
Magnesium	24-2	36875953	36666474	36787895	36776774	0.29	cps
Manganese	55-2	5302807	5364313	5267566	5311562	0.92	cps
Molybdenum	94-1	7265584	7301137	7273664	7280128	0.26	cps
Molybdenum	95-1	10658958	10670824	10663990	10664591	0.06	cps
Molybdenum	96-1	11595111	11623175	11584082	11600789	0.17	cps
Molybdenum	97-1	6654820	6608062	6688629	6650504	0.61	cps
Molybdenum	98-1	17216784	17180892	17115222	17170966	0.30	cps
Neodymium	150-1	247	273	337	286	16.19	cps
Neodymium	150-2	90	53	67	70	26.51	cps
Nickel	60-2	266261	261913	261673	263282	0.98	cps
Phosphorus	31-2	41677	42352	40981	41670	1.64	cps
Potassium	39-2	21571216	21464104	21458057	21497792	0.30	cps
Rhodium	103-1	2315501	2353118	2309290	2325970	1.02	cps
Rhodium	103-2	1274412	1296128	1288887	1286476	0.86	cps
Scandium	45-1	1480063	1443367	1447359	1456930	1.38	cps
Scandium	45-2	128593	129877	130237	129569	0.67	cps
Selenium	82-1	26054	26539	26496	26363	1.02	cps
Selenium	77-2	2430	2617	2617	2555	4.22	cps
Selenium	78-2	8249	8529	8036	8271	2.99	cps
Silicon	28-1	1163663	1156166	1194979	1171603	1.76	cps
Silver	107-1	2262821	2244490	2248422	2251911	0.43	cps
Silver	109-1	2184877	2155895	2145726	2162166	0.94	cps
Sodium	23-2	60454231	59587079	59939782	59993697	0.73	cps
Strontium	86-1	15644281	15709200	15579781	15644420	0.41	cps
Strontium	88-1	137592891	138872928	136518601	137661474	0.86	cps
Sulfur	34-1	255458	255224	258793	256492	0.78	cps
Terbium	159-1	3871723	3901898	3886238	3886620	0.39	cps
Terbium	159-2	2550837	2585912	2554235	2563661	0.75	cps
Thallium	203-1	2015726	2068301	2027643	2037223	1.35	cps
Thallium	205-1	4785284	4916085	4908478	4869949	1.51	cps
Tin	118-1	1731099	1756591	1754134	1747275	0.80	cps
Titanium	47-1	2453628	2461704	2487872	2467735	0.73	cps

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

CCV090

Instrumnet Name :

P7

Client Sample ID :

CCV090

Dilution Factor :

1

Date & Time Acquired :

2024-10-17 19:29:17

DataFile Name :

045CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	6628612	6794153	6674890	6699219	1.27	cps
Vanadium	51-2	638439	638386	637054	637960	0.12	cps
Yttrium	89-1	4711474	4674745	4630078	4672099	0.87	cps
Yttrium	89-2	1142402	1155791	1155692	1151295	0.67	cps
Zinc	66-2	1230800	1222412	1220873	1224695	0.44	cps
Zirconium	90-1	3285041	3305194	3277086	3289107	0.44	cps
Zirconium	91-1	732611	736910	735537	735019	0.30	cps

LB Number : LB132992 Operator : Jaswal
Lab Sample ID : CCB090 Instrumnet Name : P7
Client Sample ID : CCB090 Dilution Factor : 1
Date & Time Acquired : 2024-10-17 19:35:42 DataFile Name : 046CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	190	173	277	213	26.00	cps
Antimony	121-1	577	760	853	730	19.28	cps
Arsenic	75-2	3	30	13	16	86.63	cps
Barium	135-1	43	43	43	43	0.00	cps
Barium	137-1	107	57	100	88	30.93	cps
Beryllium	9-1	227	243	193	221	11.51	cps
Bismuth	209-1	2422975	2476760	2408990	2436242	1.47	cps
Bismuth	209-2	2017885	1958658	1989416	1988653	1.49	cps
Bromine	81-1	6738	6718	6845	6767	1.01	cps
Bromine	81-2	40	27	53	40	33.33	cps
Cadmium	108-1	0	3	0	1	173.21	cps
Cadmium	106-1	1267	1280	1413	1320	6.14	cps
Cadmium	111-1	897	900	1006	934	6.65	cps
Calcium	43-1	197	167	157	173	12.01	cps
Calcium	44-1	2970	2787	3074	2944	4.93	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	210	163	177	183	13.11	cps
Cobalt	59-2	53	87	77	72	23.69	cps
Copper	63-2	747	923	933	868	12.10	cps
Dysprosium	156-1	3	3	13	7	86.65	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	27	23	13	21	32.88	cps
Erbium	164-2	7	13	0	7	99.98	cps
Gadolinium	160-1	7	10	10	9	21.63	cps
Gadolinium	160-2	140	107	113	120	14.70	cps
Holmium	165-1	3905875	3847447	3849220	3867514	0.86	cps
Holmium	165-2	2690151	2638853	2708795	2679266	1.35	cps
Indium	115-1	2922291	2972646	2919734	2938223	1.02	cps
Indium	115-2	924963	919649	921131	921914	0.30	cps
Iron	56-2	9700	10327	10937	10321	6.00	cps
Iron	57-2	643	699	716	686	5.57	cps
Iron	54-2	1130	1107	1257	1165	6.93	cps
Krypton	83-1	63	67	73	68	7.51	cps

LB Number : LB132992 Operator : Jaswal
Lab Sample ID : CCB090 Instrumnet Name : P7
Client Sample ID : CCB090 Dilution Factor : 1
Date & Time Acquired : 2024-10-17 19:35:42 DataFile Name : 046CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	560	593	583	579	2.95	cps
Lead	207-1	557	490	537	528	6.48	cps
Lead	208-1	2323	2343	2383	2350	1.30	cps
Lithium	6-1	776082	776848	776875	776602	0.06	cps
Magnesium	24-2	2264	2347	2474	2361	4.48	cps
Manganese	55-2	270	327	263	287	12.14	cps
Molybdenum	94-1	430	400	413	414	3.63	cps
Molybdenum	95-1	247	227	370	281	27.62	cps
Molybdenum	96-1	323	303	407	344	15.91	cps
Molybdenum	97-1	177	147	173	166	9.93	cps
Molybdenum	98-1	430	373	507	437	15.32	cps
Neodymium	150-1	0	3	0	1	173.21	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	90	60	53	68	28.82	cps
Phosphorus	31-2	90	130	160	127	27.73	cps
Potassium	39-2	33914	34446	34058	34139	0.80	cps
Rhodium	103-1	2653804	2611503	2609380	2624896	0.95	cps
Rhodium	103-2	1453221	1437025	1438891	1443046	0.61	cps
Scandium	45-1	1513574	1501668	1519451	1511565	0.60	cps
Scandium	45-2	134877	131857	133781	133505	1.14	cps
Selenium	82-1	111	130	134	125	9.92	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	80	80	67	76	10.19	cps
Silicon	28-1	170274	173120	172599	171997	0.88	cps
Silver	107-1	157	200	173	177	12.37	cps
Silver	109-1	160	123	183	156	19.44	cps
Sodium	23-2	16142	16569	16626	16446	1.61	cps
Strontium	86-1	317	273	280	290	8.04	cps
Strontium	88-1	1617	1443	2007	1689	17.08	cps
Sulfur	34-1	114518	117054	116607	116060	1.17	cps
Terbium	159-1	3965064	3917765	3983428	3955419	0.86	cps
Terbium	159-2	2656889	2619598	2588409	2621632	1.31	cps
Thallium	203-1	187	193	183	188	2.71	cps
Thallium	205-1	560	393	433	462	18.82	cps
Tin	118-1	880	1037	990	969	8.30	cps
Titanium	47-1	70	93	110	91	22.05	cps

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

CCB090

Instrumnet Name :

P7

Client Sample ID :

CCB090

Dilution Factor :

1

Date & Time Acquired :

2024-10-17 19:35:42

DataFile Name :

046CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	53	50	87	63	32.02	cps
Vanadium	51-2	20	33	30	28	24.98	cps
Yttrium	89-1	4838417	4787294	4812872	4812861	0.53	cps
Yttrium	89-2	1200321	1185773	1186101	1190732	0.70	cps
Zinc	66-2	120	137	170	142	17.90	cps
Zirconium	90-1	733	757	827	772	6.29	cps
Zirconium	91-1	123	153	147	141	11.16	cps

LB Number :LB132992Operator :Jaswal

Lab Sample ID :P4319-09Instrumnet Name :P7

Client Sample ID :MC0C97Dilution Factor :1

Date & Time Acquired :2024-10-17 19:47:18DataFile Name :049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	53667	53326	53837	53610	0.49	cps
Antimony	121-1	273	240	307	273	12.20	cps
Arsenic	75-2	230	283	230	248	12.43	cps
Barium	135-1	144747	144356	143214	144106	0.55	cps
Barium	137-1	246625	248467	249919	248337	0.66	cps
Beryllium	9-1	230	187	213	210	10.41	cps
Bismuth	209-1	2469373	2463579	2432186	2455046	0.81	cps
Bismuth	209-2	1975229	2008701	2014040	1999323	1.05	cps
Bromine	81-1	15682	18071	18802	17518	9.32	cps
Bromine	81-2	2320	2494	2540	2451	4.73	cps
Cadmium	108-1	3	3	3	3	0.00	cps
Cadmium	106-1	1323	1423	1290	1346	5.16	cps
Cadmium	111-1	947	1034	931	971	5.72	cps
Calcium	43-1	179518	181737	177939	179731	1.06	cps
Calcium	44-1	2733762	2746811	2702775	2727783	0.83	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3494	3507	3640	3547	2.29	cps
Cobalt	59-2	3314	3240	3194	3249	1.86	cps
Copper	63-2	2357	2280	2424	2354	3.05	cps
Dysprosium	156-1	16884	16760	17221	16955	1.41	cps
Dysprosium	156-2	12582	13143	12726	12817	2.27	cps
Erbium	164-1	14594	14644	14731	14657	0.47	cps
Erbium	164-2	10197	9657	9980	9945	2.73	cps
Gadolinium	160-1	15999	16119	16560	16226	1.82	cps
Gadolinium	160-2	11692	11518	11648	11619	0.78	cps
Holmium	165-1	4085372	3961882	3976923	4008059	1.68	cps
Holmium	165-2	2794102	2750772	2797648	2780841	0.94	cps
Indium	115-1	3112987	3019113	3022357	3051486	1.75	cps
Indium	115-2	946782	942988	957391	949054	0.79	cps
Iron	56-2	52599896	53082579	52541914	52741463	0.56	cps
Iron	57-2	1374939	1362823	1359006	1365589	0.61	cps
Iron	54-2	2909517	2874238	2857184	2880313	0.93	cps
Krypton	83-1	113	70	90	91	23.81	cps

LB Number : LB132992 Operator : Jaswal
Lab Sample ID : P4319-09 Instrumnet Name : P7
Client Sample ID : MC0C97 Dilution Factor : 1
Date & Time Acquired : 2024-10-17 19:47:18 DataFile Name : 049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	6235	6552	6278	6355	2.70	cps
Lead	207-1	5451	5541	5348	5447	1.78	cps
Lead	208-1	24229	25263	24359	24617	2.29	cps
Lithium	6-1	814293	808935	810783	811337	0.34	cps
Magnesium	24-2	1053896	1053353	1045831	1051026	0.43	cps
Manganese	55-2	264670	266314	264781	265255	0.35	cps
Molybdenum	94-1	927	953	960	947	1.86	cps
Molybdenum	95-1	263	297	403	321	22.77	cps
Molybdenum	96-1	1093	1077	1187	1119	5.30	cps
Molybdenum	97-1	210	220	183	204	9.27	cps
Molybdenum	98-1	457	383	497	446	12.90	cps
Neodymium	150-1	23867	24004	23770	23880	0.49	cps
Neodymium	150-2	13513	13316	12996	13275	1.97	cps
Nickel	60-2	957	1070	1063	1030	6.17	cps
Phosphorus	31-2	183	193	200	192	4.36	cps
Potassium	39-2	871649	867581	863339	867523	0.48	cps
Rhodium	103-1	2631662	2607205	2677648	2638838	1.36	cps
Rhodium	103-2	1462804	1463441	1472380	1466209	0.37	cps
Scandium	45-1	1606379	1571139	1571064	1582860	1.29	cps
Scandium	45-2	138577	137131	138745	138151	0.64	cps
Selenium	82-1	87	165	171	141	33.28	cps
Selenium	77-2	27	43	20	30	40.05	cps
Selenium	78-2	120	107	170	132	25.25	cps
Silicon	28-1	8969450	8858514	8914788	8914251	0.62	cps
Silver	107-1	50	83	70	68	24.75	cps
Silver	109-1	50	37	60	49	23.94	cps
Sodium	23-2	6189725	6188944	6227478	6202049	0.36	cps
Strontium	86-1	127311	123933	125570	125605	1.34	cps
Strontium	88-1	1107600	1119117	1108346	1111687	0.58	cps
Sulfur	34-1	611341	611804	615895	613013	0.41	cps
Terbium	159-1	4085312	4133719	4158843	4125958	0.91	cps
Terbium	159-2	2719266	2710460	2737668	2722465	0.51	cps
Thallium	203-1	147	133	163	148	10.17	cps
Thallium	205-1	343	323	317	328	4.23	cps
Tin	118-1	2762	2581	2645	2663	3.45	cps
Titanium	47-1	1230	1227	1050	1169	8.81	cps

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

P4319-09

Instrumnet Name :

P7

Client Sample ID :

MC0C97

Dilution Factor :

1

Date & Time Acquired :

2024-10-17 19:47:18

DataFile Name :

049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	1230	1363	1283	1292	5.19	cps
Vanadium	51-2	2043	2204	2154	2134	3.84	cps
Yttrium	89-1	5236952	5240033	5270127	5249037	0.35	cps
Yttrium	89-2	1279363	1278323	1290903	1282863	0.54	cps
Zinc	66-2	7589	7275	6958	7274	4.33	cps
Zirconium	90-1	1800	1867	1953	1873	4.10	cps
Zirconium	91-1	383	350	420	384	9.11	cps

LB Number :LB132992Operator :Jaswal

Lab Sample ID :PB163534BLInstrumnet Name :P7

Client Sample ID :PBS534Dilution Factor :1

Date & Time Acquired :2024-10-17 20:02:14DataFile Name :050CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	53	80	67	20.00	cps
Antimony	121-1	43	107	83	78	41.19	cps
Arsenic	75-2	0	3	7	3	100.05	cps
Barium	135-1	10	17	20	16	32.73	cps
Barium	137-1	27	37	23	29	24.03	cps
Beryllium	9-1	87	93	137	106	25.72	cps
Bismuth	209-1	2437272	2430999	2413987	2427420	0.50	cps
Bismuth	209-2	1982670	2006988	2001196	1996951	0.64	cps
Bromine	81-1	6725	7032	6555	6771	3.57	cps
Bromine	81-2	27	43	23	31	34.44	cps
Cadmium	108-1	3	0	3	2	86.60	cps
Cadmium	106-1	1240	1320	1267	1276	3.19	cps
Cadmium	111-1	872	934	884	897	3.64	cps
Calcium	43-1	123	137	123	128	6.03	cps
Calcium	44-1	2740	2727	2617	2695	2.51	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	203	200	207	203	1.64	cps
Cobalt	59-2	30	23	30	28	13.86	cps
Copper	63-2	533	697	623	618	13.24	cps
Dysprosium	156-1	13	3	7	8	65.47	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	20	20	23	21	9.11	cps
Erbium	164-2	3	3	7	4	43.40	cps
Gadolinium	160-1	10	13	17	13	25.01	cps
Gadolinium	160-2	133	73	103	103	29.04	cps
Holmium	165-1	3864852	3983366	3870895	3906371	1.71	cps
Holmium	165-2	2716897	2659555	2697986	2691480	1.09	cps
Indium	115-1	3023910	3028030	3016413	3022784	0.19	cps
Indium	115-2	945997	945696	945585	945759	0.02	cps
Iron	56-2	5771	5861	6301	5978	4.75	cps
Iron	57-2	576	640	533	583	9.21	cps
Iron	54-2	847	803	847	832	3.01	cps
Krypton	83-1	93	77	53	74	26.99	cps

LB Number : LB132992 Operator : Jaswal
Lab Sample ID : PB163534BL Instrumnet Name : P7
Client Sample ID : PBS534 Dilution Factor : 1
Date & Time Acquired : 2024-10-17 20:02:14 DataFile Name : 050CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	293	233	227	251	14.62	cps
Lead	207-1	197	223	203	208	6.68	cps
Lead	208-1	993	963	953	970	2.15	cps
Lithium	6-1	803662	814058	811087	809602	0.66	cps
Magnesium	24-2	1527	1500	1517	1515	0.89	cps
Manganese	55-2	113	110	93	106	10.16	cps
Molybdenum	94-1	130	113	130	124	7.73	cps
Molybdenum	95-1	37	53	57	49	21.91	cps
Molybdenum	96-1	90	93	100	94	5.39	cps
Molybdenum	97-1	27	10	13	17	52.93	cps
Molybdenum	98-1	47	60	47	51	15.06	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	30	23	53	36	44.31	cps
Phosphorus	31-2	110	123	80	104	21.25	cps
Potassium	39-2	34035	35224	34506	34588	1.73	cps
Rhodium	103-1	2697193	2690508	2656664	2681455	0.81	cps
Rhodium	103-2	1488305	1480943	1488001	1485750	0.28	cps
Scandium	45-1	1580623	1604173	1595279	1593358	0.75	cps
Scandium	45-2	139609	138681	139222	139170	0.33	cps
Selenium	82-1	77	122	155	118	33.25	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	127	103	80	103	22.58	cps
Silicon	28-1	186422	187534	189429	187795	0.81	cps
Silver	107-1	50	50	83	61	31.49	cps
Silver	109-1	37	13	53	34	58.34	cps
Sodium	23-2	10213	9953	9910	10026	1.64	cps
Strontium	86-1	157	143	133	144	8.10	cps
Strontium	88-1	187	137	167	163	15.41	cps
Sulfur	34-1	128011	126498	127130	127213	0.60	cps
Terbium	159-1	3962642	4017039	3948597	3976092	0.91	cps
Terbium	159-2	2662222	2670446	2639595	2657421	0.60	cps
Thallium	203-1	60	87	73	73	18.18	cps
Thallium	205-1	173	150	180	168	9.39	cps
Tin	118-1	750	803	753	769	3.88	cps
Titanium	47-1	37	50	33	40	22.05	cps

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

PB163534BL

Instrumnet Name :

P7

Client Sample ID :

PBS534

Dilution Factor :

1

Date & Time Acquired :

2024-10-17 20:02:14

DataFile Name :

050CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	10	7	7	8	24.71	cps
Vanadium	51-2	3	10	7	7	50.03	cps
Yttrium	89-1	5038312	5086126	4965654	5030031	1.21	cps
Yttrium	89-2	1238476	1222660	1240493	1233876	0.79	cps
Zinc	66-2	77	123	87	96	25.71	cps
Zirconium	90-1	263	330	300	298	11.21	cps
Zirconium	91-1	37	43	77	52	41.04	cps

LB Number : LB132992 Operator : Jaswal
Lab Sample ID : PB163534BS Instrumnet Name : P7
Client Sample ID : LCS534 Dilution Factor : 1
Date & Time Acquired : 2024-10-17 20:05:37 DataFile Name : 051LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4197	4031	4147	4125	2.07	cps
Antimony	121-1	17641	17961	17327	17643	1.80	cps
Arsenic	75-2	463	380	333	392	16.79	cps
Barium	135-1	21657	21520	22127	21768	1.46	cps
Barium	137-1	38024	38281	38352	38219	0.45	cps
Beryllium	9-1	1727	1857	2050	1878	8.66	cps
Bismuth	209-1	2418271	2417395	2464010	2433225	1.10	cps
Bismuth	209-2	2000333	1961956	1959592	1973960	1.16	cps
Bromine	81-1	6882	7282	6658	6941	4.55	cps
Bromine	81-2	40	37	50	42	16.43	cps
Cadmium	108-1	137	180	163	160	13.66	cps
Cadmium	106-1	1713	1617	1733	1688	3.70	cps
Cadmium	111-1	3531	3273	3549	3451	4.48	cps
Calcium	43-1	11678	11748	11678	11701	0.35	cps
Calcium	44-1	187490	190868	190034	189464	0.93	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7228	7392	7145	7255	1.73	cps
Cobalt	59-2	5031	4851	4801	4894	2.47	cps
Copper	63-2	7699	7659	7349	7569	2.53	cps
Dysprosium	156-1	0	20	7	9	114.55	cps
Dysprosium	156-2	0	7	10	6	91.64	cps
Erbium	164-1	10	10	20	13	43.30	cps
Erbium	164-2	7	7	10	8	24.71	cps
Gadolinium	160-1	17	10	13	13	25.01	cps
Gadolinium	160-2	113	123	153	130	16.02	cps
Holmium	165-1	3919639	3929227	3955706	3934857	0.47	cps
Holmium	165-2	2721510	2713027	2749399	2727979	0.70	cps
Indium	115-1	3058177	3069469	3130276	3085974	1.26	cps
Indium	115-2	962885	948031	953304	954740	0.79	cps
Iron	56-2	606115	603687	605099	604967	0.20	cps
Iron	57-2	15229	15582	15243	15351	1.30	cps
Iron	54-2	34359	33504	33544	33802	1.43	cps
Krypton	83-1	90	67	97	84	18.65	cps

LB Number : LB132992 Operator : Jaswal
Lab Sample ID : PB163534BS Instrumnet Name : P7
Client Sample ID : LCS534 Dilution Factor : 1
Date & Time Acquired : 2024-10-17 20:05:37 DataFile Name : 051LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	6682	6825	6755	6754	1.06	cps
Lead	207-1	5781	5828	5935	5848	1.34	cps
Lead	208-1	26741	26841	27218	26933	0.93	cps
Lithium	6-1	822654	822374	828984	824671	0.45	cps
Magnesium	24-2	178853	177996	178391	178413	0.24	cps
Manganese	55-2	2747	2604	2757	2702	3.18	cps
Molybdenum	94-1	17948	17544	17697	17730	1.15	cps
Molybdenum	95-1	20665	21095	21129	20963	1.23	cps
Molybdenum	96-1	23452	23255	23789	23499	1.15	cps
Molybdenum	97-1	13450	13173	12799	13140	2.48	cps
Molybdenum	98-1	33983	33799	34501	34094	1.07	cps
Neodymium	150-1	7	3	3	4	43.40	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	1263	1393	1253	1303	5.99	cps
Phosphorus	31-2	113	153	117	128	17.37	cps
Potassium	39-2	242471	241114	241035	241540	0.33	cps
Rhodium	103-1	2689473	2723195	2783128	2731932	1.74	cps
Rhodium	103-2	1524222	1491301	1507191	1507571	1.09	cps
Scandium	45-1	1590706	1592700	1600793	1594733	0.33	cps
Scandium	45-2	140988	139525	142492	141002	1.05	cps
Selenium	82-1	735	778	711	741	4.58	cps
Selenium	77-2	53	60	57	57	5.89	cps
Selenium	78-2	280	240	290	270	9.80	cps
Silicon	28-1	233862	233510	233294	233555	0.12	cps
Silver	107-1	9857	10120	10284	10087	2.14	cps
Silver	109-1	9246	9670	9767	9561	2.89	cps
Sodium	23-2	289912	288507	291046	289822	0.44	cps
Strontium	86-1	2900	3044	2990	2978	2.43	cps
Strontium	88-1	24584	24908	25061	24851	0.98	cps
Sulfur	34-1	127792	127883	128851	128175	0.46	cps
Terbium	159-1	4000458	4016776	4036022	4017752	0.44	cps
Terbium	159-2	2630207	2694593	2643726	2656176	1.28	cps
Thallium	203-1	7629	7639	7842	7703	1.56	cps
Thallium	205-1	18863	18897	19240	19000	1.10	cps
Tin	118-1	912	862	995	923	7.30	cps
Titanium	47-1	5111	5051	5164	5109	1.11	cps

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

PB163534BS

Instrumnet Name :

P7

Client Sample ID :

LCS534

Dilution Factor :

1

Date & Time Acquired :

2024-10-17 20:05:37

DataFile Name :

051LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	24132	24596	23855	24194	1.55	cps
Vanadium	51-2	14734	14564	14404	14567	1.13	cps
Yttrium	89-1	5022858	5063727	5107498	5064694	0.84	cps
Yttrium	89-2	1254752	1238754	1248147	1247217	0.64	cps
Zinc	66-2	3007	3010	3010	3009	0.06	cps
Zirconium	90-1	15385	15378	15081	15281	1.13	cps
Zirconium	91-1	3467	3360	3354	3394	1.87	cps

LB Number : LB132992 Operator : Jaswal
Lab Sample ID : PB163534BSD Instrumnet Name : P7
Client Sample ID : LCSD534 Dilution Factor : 1
Date & Time Acquired : 2024-10-17 20:09:01 DataFile Name : 052LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2327	2160	2210	2232	3.83	cps
Antimony	121-1	8576	8986	9043	8868	2.87	cps
Arsenic	75-2	210	220	197	209	5.60	cps
Barium	135-1	11058	11091	10861	11003	1.13	cps
Barium	137-1	19156	19493	19594	19414	1.18	cps
Beryllium	9-1	907	997	877	927	6.74	cps
Bismuth	209-1	2475246	2463131	2420852	2453076	1.16	cps
Bismuth	209-2	1970983	1977250	2015189	1987807	1.20	cps
Bromine	81-1	6475	6618	6625	6573	1.29	cps
Bromine	81-2	40	47	33	40	16.68	cps
Cadmium	108-1	70	73	127	90	35.33	cps
Cadmium	106-1	1533	1500	1447	1493	2.93	cps
Cadmium	111-1	2411	2119	2081	2204	8.20	cps
Calcium	43-1	5761	5915	6108	5928	2.93	cps
Calcium	44-1	96524	98782	97923	97743	1.17	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3814	3981	3777	3857	2.81	cps
Cobalt	59-2	2630	2667	2694	2664	1.19	cps
Copper	63-2	3984	4264	4251	4166	3.79	cps
Dysprosium	156-1	7	3	13	8	65.47	cps
Dysprosium	156-2	7	3	10	7	50.03	cps
Erbium	164-1	7	10	20	12	56.76	cps
Erbium	164-2	13	17	10	13	25.01	cps
Gadolinium	160-1	23	7	13	14	58.06	cps
Gadolinium	160-2	117	133	100	117	14.29	cps
Holmium	165-1	3978486	3856636	3821845	3885656	2.12	cps
Holmium	165-2	2706794	2732014	2709863	2716223	0.51	cps
Indium	115-1	3037696	3070507	3003311	3037172	1.11	cps
Indium	115-2	954310	945737	955074	951707	0.54	cps
Iron	56-2	310695	311094	312851	311547	0.37	cps
Iron	57-2	8230	8489	8225	8315	1.82	cps
Iron	54-2	17871	17547	18415	17944	2.44	cps
Krypton	83-1	50	77	107	78	36.45	cps

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

PB163534BSD

Instrumnet Name :

P7

Client Sample ID :

LCSD534

Dilution Factor :

1

Date & Time Acquired :

2024-10-17 20:09:01

DataFile Name :

052LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	3487	3300	3567	3452	3.97	cps
Lead	207-1	3174	3277	3040	3164	3.75	cps
Lead	208-1	14120	13926	14110	14052	0.78	cps
Lithium	6-1	838252	836373	827092	833906	0.72	cps
Magnesium	24-2	93072	91134	91104	91770	1.23	cps
Manganese	55-2	1313	1317	1480	1370	6.96	cps
Molybdenum	94-1	8786	8916	9133	8945	1.96	cps
Molybdenum	95-1	10601	10894	10551	10682	1.74	cps
Molybdenum	96-1	11925	11935	12275	12045	1.66	cps
Molybdenum	97-1	6752	6608	6792	6717	1.44	cps
Molybdenum	98-1	17100	17037	17097	17078	0.21	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	730	713	703	716	1.88	cps
Phosphorus	31-2	133	127	137	132	3.85	cps
Potassium	39-2	140602	139401	140969	140324	0.58	cps
Rhodium	103-1	2715036	2722177	2698474	2711896	0.45	cps
Rhodium	103-2	1515933	1488676	1512924	1505844	0.99	cps
Scandium	45-1	1603842	1619567	1595073	1606160	0.77	cps
Scandium	45-2	140793	139801	140989	140528	0.45	cps
Selenium	82-1	459	399	404	421	7.87	cps
Selenium	77-2	33	10	23	22	52.68	cps
Selenium	78-2	233	263	187	228	16.96	cps
Silicon	28-1	215912	213714	216243	215290	0.64	cps
Silver	107-1	5241	5381	5138	5253	2.33	cps
Silver	109-1	4664	4988	5064	4905	4.33	cps
Sodium	23-2	152917	151813	152389	152373	0.36	cps
Strontium	86-1	1510	1583	1523	1539	2.54	cps
Strontium	88-1	12909	12415	12319	12548	2.52	cps
Sulfur	34-1	125231	125752	126982	125988	0.71	cps
Terbium	159-1	3986488	4075060	3981268	4014272	1.31	cps
Terbium	159-2	2716469	2611036	2673507	2667004	1.99	cps
Thallium	203-1	4094	4351	4061	4168	3.81	cps
Thallium	205-1	9327	9307	9307	9313	0.12	cps
Tin	118-1	853	903	913	889	3.61	cps
Titanium	47-1	2837	2720	2750	2769	2.19	cps

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

PB163534BSD

Instrumnet Name :

P7

Client Sample ID :

LCSD534

Dilution Factor :

1

Date & Time Acquired :

2024-10-17 20:09:01

DataFile Name :

052LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11875	12166	12312	12118	1.84	cps
Vanadium	51-2	7298	7442	7272	7337	1.25	cps
Yttrium	89-1	5093658	5068569	5004127	5055451	0.91	cps
Yttrium	89-2	1242493	1236349	1232477	1237106	0.41	cps
Zinc	66-2	1580	1533	1377	1497	7.12	cps
Zirconium	90-1	8062	7886	7819	7922	1.59	cps
Zirconium	91-1	1657	1557	1760	1658	6.13	cps

LB Number :LB132992Operator :Jaswal

Lab Sample ID :P2745-12Instrumnet Name :P7

Client Sample ID :MYD3X2Dilution Factor :1

Date & Time Acquired :2024-10-17 20:16:02DataFile Name :053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4278490	4249919	4261903	4263437	0.34	cps
Antimony	121-1	5718	5848	5811	5792	1.16	cps
Arsenic	75-2	30976	30909	31032	30972	0.20	cps
Barium	135-1	305639	306315	307239	306397	0.26	cps
Barium	137-1	520318	526620	527604	524848	0.75	cps
Beryllium	9-1	1230	1303	1303	1279	3.31	cps
Bismuth	209-1	2542269	2419673	2467469	2476470	2.50	cps
Bismuth	209-2	1985221	1962322	1993051	1980198	0.81	cps
Bromine	81-1	8469	8239	7902	8203	3.48	cps
Bromine	81-2	250	263	227	247	7.52	cps
Cadmium	108-1	260	293	257	270	7.51	cps
Cadmium	106-1	1927	1753	1820	1833	4.77	cps
Cadmium	111-1	4244	3729	3938	3970	6.52	cps
Calcium	43-1	206948	208388	208086	207807	0.37	cps
Calcium	44-1	3136531	3200991	3168625	3168716	1.02	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	66713	65987	66107	66269	0.59	cps
Cobalt	59-2	88761	89424	88428	88871	0.57	cps
Copper	63-2	456469	453939	448932	453114	0.85	cps
Dysprosium	156-1	34857	36263	35598	35573	1.98	cps
Dysprosium	156-2	27216	27748	26956	27307	1.48	cps
Erbium	164-1	30824	30871	30680	30792	0.32	cps
Erbium	164-2	20569	20442	20422	20477	0.39	cps
Gadolinium	160-1	32772	33497	34078	33449	1.96	cps
Gadolinium	160-2	23329	23493	23376	23400	0.36	cps
Holmium	165-1	4002353	4029766	4092655	4041591	1.15	cps
Holmium	165-2	2796351	2767014	2728983	2764116	1.22	cps
Indium	115-1	3057508	3060082	3119325	3078971	1.14	cps
Indium	115-2	948165	936899	926716	937260	1.14	cps
Iron	56-2	125163205	124225258	123245225	124211229	0.77	cps
Iron	57-2	3105214	3092569	3025697	3074493	1.39	cps
Iron	54-2	6796210	6747467	6679298	6740992	0.87	cps
Krypton	83-1	150	123	120	131	12.54	cps

LB Number :	LB132992	Operator :	Jaswal
Lab Sample ID :	P2745-12	Instrumnet Name :	P7
Client Sample ID :	MYD3X2	Dilution Factor :	1
Date & Time Acquired :	2024-10-17 20:16:02	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	632628	633684	645145	637152	1.09	cps
Lead	207-1	559753	576410	568099	568087	1.47	cps
Lead	208-1	2533460	2562741	2560641	2552280	0.64	cps
Lithium	6-1	861966	867574	870495	866678	0.50	cps
Magnesium	24-2	2909928	2901313	2892087	2901110	0.31	cps
Manganese	55-2	2324614	2278168	2290905	2297896	1.04	cps
Molybdenum	94-1	22891	23105	23138	23045	0.58	cps
Molybdenum	95-1	2044	1903	1883	1943	4.49	cps
Molybdenum	96-1	6908	7432	7255	7198	3.70	cps
Molybdenum	97-1	1313	1167	1297	1259	6.38	cps
Molybdenum	98-1	2987	3100	3010	3033	1.97	cps
Neodymium	150-1	56713	56687	57349	56916	0.66	cps
Neodymium	150-2	31963	31772	32678	32138	1.49	cps
Nickel	60-2	24129	23492	24136	23919	1.55	cps
Phosphorus	31-2	12328	12655	12355	12446	1.46	cps
Potassium	39-2	1307732	1314120	1309559	1310470	0.25	cps
Rhodium	103-1	2694894	2700088	2644067	2679683	1.16	cps
Rhodium	103-2	1483874	1459816	1445426	1463039	1.33	cps
Scandium	45-1	1773149	1783395	1790176	1782240	0.48	cps
Scandium	45-2	153273	150549	149012	150944	1.43	cps
Selenium	82-1	148	208	217	191	19.76	cps
Selenium	77-2	83	90	103	92	11.05	cps
Selenium	78-2	203	183	163	183	10.91	cps
Silicon	28-1	16969489	17236343	16998260	17068031	0.86	cps
Silver	107-1	5058	4908	5048	5004	1.68	cps
Silver	109-1	4731	4657	4631	4673	1.11	cps
Sodium	23-2	93146	94524	95051	94240	1.04	cps
Strontium	86-1	92881	95074	93615	93857	1.19	cps
Strontium	88-1	812640	822445	821962	819016	0.67	cps
Sulfur	34-1	130764	124922	125382	127023	2.56	cps
Terbium	159-1	4075191	4110680	4079773	4088548	0.47	cps
Terbium	159-2	2734100	2688453	2664362	2695639	1.31	cps
Thallium	203-1	1677	1777	2034	1829	10.06	cps
Thallium	205-1	4064	4371	4841	4425	8.84	cps
Tin	118-1	6264	6749	6753	6589	4.27	cps
Titanium	47-1	718262	730349	717907	722172	0.98	cps

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

P2745-12

Instrumnet Name :

P7

Client Sample ID :

MYD3X2

Dilution Factor :

1

Date & Time Acquired :

2024-10-17 20:16:02

DataFile Name :

053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	9433	9757	9590	9594	1.69	cps
Vanadium	51-2	221363	217624	217139	218709	1.06	cps
Yttrium	89-1	5540952	5535621	5519563	5532045	0.20	cps
Yttrium	89-2	1359145	1345245	1329005	1344465	1.12	cps
Zinc	66-2	147618	146429	145467	146505	0.74	cps
Zirconium	90-1	60008	60621	60377	60335	0.51	cps
Zirconium	91-1	12909	13653	13490	13351	2.93	cps

LB Number :LB132992Operator :Jaswal

Lab Sample ID :P2734-02AREInstrumnet Name :P7

Client Sample ID :MYD3S7AREDilution Factor :1

Date & Time Acquired :2024-10-17 20:47:22DataFile Name :054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4164194	4162682	4133839	4153572	0.41	cps
Antimony	121-1	4341	4471	4441	4417	1.54	cps
Arsenic	75-2	67332	66927	67134	67131	0.30	cps
Barium	135-1	626185	628599	627661	627482	0.19	cps
Barium	137-1	1070833	1075832	1076484	1074383	0.29	cps
Beryllium	9-1	1713	1737	1847	1766	4.03	cps
Bismuth	209-1	2482535	2516301	2437945	2478927	1.59	cps
Bismuth	209-2	1975908	1918413	2014629	1969650	2.46	cps
Bromine	81-1	9530	10387	10440	10119	5.05	cps
Bromine	81-2	677	743	803	741	8.55	cps
Cadmium	108-1	183	180	190	184	2.76	cps
Cadmium	106-1	1670	1827	1663	1720	5.37	cps
Cadmium	111-1	1834	1836	1735	1802	3.22	cps
Calcium	43-1	106584	108571	107786	107647	0.93	cps
Calcium	44-1	1628993	1651918	1605845	1628918	1.41	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	170482	168098	169163	169248	0.71	cps
Cobalt	59-2	143192	142310	142068	142524	0.42	cps
Copper	63-2	191815	191903	189463	191060	0.72	cps
Dysprosium	156-1	47748	47092	46747	47196	1.08	cps
Dysprosium	156-2	36434	36554	37136	36708	1.02	cps
Erbium	164-1	34873	36000	34609	35161	2.10	cps
Erbium	164-2	24438	23540	23597	23858	2.11	cps
Gadolinium	160-1	40408	41287	41521	41072	1.43	cps
Gadolinium	160-2	29184	29281	29221	29228	0.17	cps
Holmium	165-1	4109010	3994232	3994423	4032555	1.64	cps
Holmium	165-2	2790461	2723893	2845896	2786750	2.19	cps
Indium	115-1	3131513	3077976	3005365	3071618	2.06	cps
Indium	115-2	949504	931129	947149	942594	1.06	cps
Iron	56-2	137545511	137131221	134986548	136554427	1.01	cps
Iron	57-2	3325529	3386311	3319735	3343858	1.10	cps
Iron	54-2	7393198	7460546	7405825	7419857	0.48	cps
Krypton	83-1	117	117	127	120	4.81	cps

LB Number : LB132992 Operator : Jaswal
Lab Sample ID : P2734-02ARE Instrumnet Name : P7
Client Sample ID : MYD3S7ARE Dilution Factor : 1
Date & Time Acquired : 2024-10-17 20:47:22 DataFile Name : 054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	356773	360684	358981	358813	0.55	cps
Lead	207-1	300185	307270	304463	303973	1.17	cps
Lead	208-1	1390862	1423849	1432171	1415627	1.54	cps
Lithium	6-1	819321	815171	812824	815772	0.40	cps
Magnesium	24-2	2969020	2926598	2875548	2923722	1.60	cps
Manganese	55-2	3849130	3801027	3768433	3806197	1.07	cps
Molybdenum	94-1	46771	48109	48263	47714	1.72	cps
Molybdenum	95-1	2994	2710	2537	2747	8.39	cps
Molybdenum	96-1	12355	12312	12045	12237	1.37	cps
Molybdenum	97-1	1610	1653	1657	1640	1.59	cps
Molybdenum	98-1	4317	4384	4084	4262	3.70	cps
Neodymium	150-1	79791	85199	84246	83079	3.47	cps
Neodymium	150-2	46787	46597	47005	46796	0.44	cps
Nickel	60-2	62496	63433	62791	62907	0.76	cps
Phosphorus	31-2	8986	8763	8883	8877	1.26	cps
Potassium	39-2	2195058	2165175	2178618	2179617	0.69	cps
Rhodium	103-1	2711299	2717106	2643400	2690602	1.52	cps
Rhodium	103-2	1474250	1453666	1477648	1468521	0.88	cps
Scandium	45-1	1839674	1793806	1763505	1798995	2.13	cps
Scandium	45-2	153172	151390	153215	152592	0.68	cps
Selenium	82-1	155	166	184	168	8.85	cps
Selenium	77-2	77	110	123	103	23.26	cps
Selenium	78-2	173	183	207	188	9.11	cps
Silicon	28-1	16763177	16721194	16663440	16715937	0.30	cps
Silver	107-1	877	1093	1027	999	11.11	cps
Silver	109-1	743	903	907	851	10.97	cps
Sodium	23-2	63915	64595	66078	64862	1.70	cps
Strontium	86-1	111592	112875	112492	112320	0.59	cps
Strontium	88-1	978202	1002551	1007879	996211	1.59	cps
Sulfur	34-1	111167	107269	106202	108213	2.42	cps
Terbium	159-1	4111806	4166109	4145548	4141155	0.66	cps
Terbium	159-2	2697767	2722571	2703043	2707794	0.48	cps
Thallium	203-1	2600	2644	2737	2660	2.63	cps
Thallium	205-1	6208	6135	6368	6237	1.91	cps
Tin	118-1	5580	5672	5616	5623	0.82	cps
Titanium	47-1	684751	686780	683325	684952	0.25	cps

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

P2734-02ARE

Instrumnet Name :

P7

Client Sample ID :

MYD3S7ARE

Dilution Factor :

1

Date & Time Acquired :

2024-10-17 20:47:22

DataFile Name :

054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	24085	24663	24379	24376	1.19	cps
Vanadium	51-2	268319	265039	264476	265945	0.78	cps
Yttrium	89-1	5626211	5683057	5530405	5613224	1.37	cps
Yttrium	89-2	1364093	1348678	1369327	1360699	0.79	cps
Zinc	66-2	55131	54636	53840	54536	1.19	cps
Zirconium	90-1	124203	125632	123393	124409	0.91	cps
Zirconium	91-1	27616	27482	27279	27459	0.62	cps

LB Number :LB132992Operator :Jaswal

Lab Sample ID :P2815-11AInstrumnet Name :P7

Client Sample ID :MYD536AREDilution Factor :1

Date & Time Acquired :2024-10-17 20:50:37DataFile Name :055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3422898	3348217	3388240	3386452	1.10	cps
Antimony	121-1	3550	3644	3817	3671	3.69	cps
Arsenic	75-2	14764	14904	14934	14868	0.61	cps
Barium	135-1	313086	320785	314844	316238	1.28	cps
Barium	137-1	553459	549077	553747	552094	0.47	cps
Beryllium	9-1	1153	1087	1037	1092	5.36	cps
Bismuth	209-1	2483543	2406443	2434730	2441572	1.60	cps
Bismuth	209-2	2000239	1954006	1963691	1972645	1.24	cps
Bromine	81-1	7539	7162	7229	7310	2.75	cps
Bromine	81-2	210	230	200	213	7.16	cps
Cadmium	108-1	207	130	117	151	32.14	cps
Cadmium	106-1	1623	1673	1733	1677	3.29	cps
Cadmium	111-1	2152	2340	2262	2251	4.21	cps
Calcium	43-1	161432	164726	162004	162721	1.08	cps
Calcium	44-1	2441841	2488309	2459010	2463053	0.95	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	55050	54696	54140	54629	0.84	cps
Cobalt	59-2	71328	71251	71121	71233	0.15	cps
Copper	63-2	217687	217109	216456	217084	0.28	cps
Dysprosium	156-1	37393	38486	36795	37558	2.28	cps
Dysprosium	156-2	29671	29451	28449	29190	2.23	cps
Erbium	164-1	32842	34376	34062	33760	2.40	cps
Erbium	164-2	23326	23183	22418	22976	2.12	cps
Gadolinium	160-1	36013	36537	36400	36317	0.75	cps
Gadolinium	160-2	25774	25747	25423	25648	0.76	cps
Holmium	165-1	3993298	3984396	3967449	3981714	0.33	cps
Holmium	165-2	2780815	2700426	2729802	2737015	1.49	cps
Indium	115-1	3080768	3039747	2966580	3029032	1.91	cps
Indium	115-2	948249	924678	937201	936710	1.26	cps
Iron	56-2	109825578	108290425	107305548	108473851	1.17	cps
Iron	57-2	2695184	2690708	2655441	2680444	0.81	cps
Iron	54-2	5848516	5863866	5846158	5852847	0.16	cps
Krypton	83-1	107	117	103	109	6.37	cps

LB Number : LB132992 Operator : Jaswal
Lab Sample ID : P2815-11A Instrumnet Name : P7
Client Sample ID : MYD536ARE Dilution Factor : 1
Date & Time Acquired : 2024-10-17 20:50:37 DataFile Name : 055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	214028	214481	215331	214613	0.31	cps
Lead	207-1	192893	190097	194035	192342	1.05	cps
Lead	208-1	854473	854674	858610	855919	0.27	cps
Lithium	6-1	808710	791030	805927	801889	1.19	cps
Magnesium	24-2	2279383	2289898	2249987	2273089	0.91	cps
Manganese	55-2	1813981	1815166	1815344	1814830	0.04	cps
Molybdenum	94-1	21710	20835	21035	21193	2.16	cps
Molybdenum	95-1	1730	1890	1843	1821	4.52	cps
Molybdenum	96-1	6595	6582	6528	6568	0.54	cps
Molybdenum	97-1	1113	1100	1123	1112	1.05	cps
Molybdenum	98-1	2807	2910	2794	2837	2.25	cps
Neodymium	150-1	60097	61162	60871	60710	0.91	cps
Neodymium	150-2	34783	34933	34008	34575	1.44	cps
Nickel	60-2	20578	20003	20150	20244	1.47	cps
Phosphorus	31-2	11544	11461	11584	11530	0.55	cps
Potassium	39-2	1304950	1298692	1290224	1297955	0.57	cps
Rhodium	103-1	2705825	2584028	2688105	2659319	2.47	cps
Rhodium	103-2	1468920	1438541	1451345	1452935	1.05	cps
Scandium	45-1	1710156	1668673	1686456	1688428	1.23	cps
Scandium	45-2	148846	144993	143471	145770	1.90	cps
Selenium	82-1	212	161	184	186	13.67	cps
Selenium	77-2	77	93	103	91	14.78	cps
Selenium	78-2	190	130	170	163	18.70	cps
Silicon	28-1	15986668	16343045	15903676	16077796	1.45	cps
Silver	107-1	13083	13426	13360	13290	1.37	cps
Silver	109-1	12415	12736	12479	12543	1.35	cps
Sodium	23-2	80147	80757	80676	80527	0.41	cps
Strontium	86-1	99302	99349	98950	99200	0.22	cps
Strontium	88-1	862521	866391	863430	864114	0.23	cps
Sulfur	34-1	101873	100299	99817	100663	1.07	cps
Terbium	159-1	4176474	4070816	4178070	4141787	1.48	cps
Terbium	159-2	2714478	2619636	2682332	2672149	1.81	cps
Thallium	203-1	1290	1270	1483	1348	8.74	cps
Thallium	205-1	2937	3077	3220	3078	4.60	cps
Tin	118-1	6137	6141	5807	6029	3.18	cps
Titanium	47-1	617777	618541	617268	617862	0.10	cps

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

P2815-11A

Instrumnet Name :

P7

Client Sample ID :

MYD536ARE

Dilution Factor :

1

Date & Time Acquired :

2024-10-17 20:50:37

DataFile Name :

055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	11332	11105	11128	11188	1.12	cps
Vanadium	51-2	193591	193844	191273	192902	0.73	cps
Yttrium	89-1	5441298	5420268	5543593	5468386	1.21	cps
Yttrium	89-2	1365073	1328418	1340478	1344656	1.39	cps
Zinc	66-2	74401	73419	73814	73878	0.67	cps
Zirconium	90-1	54286	55662	53487	54478	2.02	cps
Zirconium	91-1	12035	12072	12205	12104	0.74	cps

LB Number : LB132992 Operator : Jaswal
Lab Sample ID : P2734-02A Instrumnet Name : P7
Client Sample ID : MYD3S7ARE Dilution Factor : 1
Date & Time Acquired : 2024-10-17 20:54:05 DataFile Name : 056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4534140	4576601	4482406	4531049	1.04	cps
Antimony	121-1	4671	4561	4654	4629	1.28	cps
Arsenic	75-2	69043	67891	67563	68165	1.14	cps
Barium	135-1	693145	683719	684421	687095	0.76	cps
Barium	137-1	1178833	1187491	1175256	1180526	0.53	cps
Beryllium	9-1	1907	1880	1807	1865	2.78	cps
Bismuth	209-1	2373897	2372019	2458995	2401637	2.07	cps
Bismuth	209-2	1950492	1955486	1897274	1934417	1.67	cps
Bromine	81-1	9453	9917	9657	9675	2.40	cps
Bromine	81-2	620	650	767	679	11.41	cps
Cadmium	108-1	247	290	200	246	18.33	cps
Cadmium	106-1	1967	2104	1820	1963	7.22	cps
Cadmium	111-1	1961	2079	1994	2011	3.04	cps
Calcium	43-1	115314	117840	117010	116721	1.10	cps
Calcium	44-1	1768427	1780503	1732590	1760507	1.42	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	188215	188242	186110	187522	0.65	cps
Cobalt	59-2	173436	172593	173311	173113	0.26	cps
Copper	63-2	226501	225118	223610	225076	0.64	cps
Dysprosium	156-1	54733	52976	53625	53778	1.65	cps
Dysprosium	156-2	42230	42695	42691	42539	0.63	cps
Erbium	164-1	37514	38025	38169	37902	0.91	cps
Erbium	164-2	25924	26034	26205	26054	0.54	cps
Gadolinium	160-1	44674	45584	45035	45098	1.02	cps
Gadolinium	160-2	31823	32154	31378	31785	1.22	cps
Holmium	165-1	4073039	3986264	3941656	4000320	1.67	cps
Holmium	165-2	2714514	2725265	2746101	2728627	0.59	cps
Indium	115-1	2984351	2914440	2912118	2936970	1.40	cps
Indium	115-2	925352	925858	902582	917931	1.45	cps
Iron	56-2	157025038	156577844	155848374	156483752	0.38	cps
Iron	57-2	3835437	3823796	3807731	3822321	0.36	cps
Iron	54-2	8545172	8556065	8469746	8523661	0.55	cps
Krypton	83-1	160	93	113	122	27.99	cps

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

P2734-02A

Instrumnet Name :

P7

Client Sample ID :

MYD3S7ARE

Dilution Factor :

1

Date & Time Acquired :

2024-10-17 20:54:05

DataFile Name :

056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	383735	380079	383115	382310	0.51	cps
Lead	207-1	325567	322538	321189	323098	0.69	cps
Lead	208-1	1493538	1508752	1501324	1501205	0.51	cps
Lithium	6-1	778724	780114	784440	781093	0.38	cps
Magnesium	24-2	3288554	3227237	3221017	3245603	1.15	cps
Manganese	55-2	4243886	4206540	4223085	4224504	0.44	cps
Molybdenum	94-1	54829	55441	55652	55307	0.77	cps
Molybdenum	95-1	3144	3054	3247	3148	3.07	cps
Molybdenum	96-1	13677	13870	13847	13798	0.77	cps
Molybdenum	97-1	2013	1987	1930	1977	2.15	cps
Molybdenum	98-1	4781	4741	4564	4695	2.46	cps
Neodymium	150-1	93071	94480	92967	93506	0.90	cps
Neodymium	150-2	52725	52718	51447	52297	1.41	cps
Nickel	60-2	72239	71760	71968	71989	0.33	cps
Phosphorus	31-2	11001	10670	10544	10738	2.20	cps
Potassium	39-2	2203561	2183626	2171114	2186100	0.75	cps
Rhodium	103-1	2578641	2545464	2573202	2565769	0.69	cps
Rhodium	103-2	1432392	1432670	1398609	1421224	1.38	cps
Scandium	45-1	1699870	1685810	1708316	1697999	0.67	cps
Scandium	45-2	150064	148287	146736	148362	1.12	cps
Selenium	82-1	139	201	200	180	19.78	cps
Selenium	77-2	130	123	97	117	15.12	cps
Selenium	78-2	227	167	193	196	15.37	cps
Silicon	28-1	16114388	16153691	15901303	16056461	0.85	cps
Silver	107-1	860	863	1043	922	11.37	cps
Silver	109-1	733	840	753	776	7.31	cps
Sodium	23-2	71150	70638	71428	71072	0.56	cps
Strontium	86-1	130031	129597	129137	129589	0.35	cps
Strontium	88-1	1137326	1166090	1145436	1149617	1.29	cps
Sulfur	34-1	98183	99142	96908	98078	1.14	cps
Terbium	159-1	4045974	4020118	4084242	4050111	0.80	cps
Terbium	159-2	2689336	2727509	2616594	2677813	2.10	cps
Thallium	203-1	2597	2827	2847	2757	5.04	cps
Thallium	205-1	6732	6708	6632	6691	0.78	cps
Tin	118-1	6222	6155	6330	6236	1.42	cps
Titanium	47-1	797345	796553	791704	795201	0.38	cps

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

P2734-02A

Instrumnet Name :

P7

Client Sample ID :

MYD3S7ARE

Dilution Factor :

1

Date & Time Acquired :

2024-10-17 20:54:05

DataFile Name :

056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	27512	28424	28230	28055	1.71	cps
Vanadium	51-2	299629	298377	296148	298051	0.59	cps
Yttrium	89-1	5296014	5341546	5452008	5363190	1.50	cps
Yttrium	89-2	1347495	1329339	1300888	1325907	1.77	cps
Zinc	66-2	63367	63511	63062	63313	0.36	cps
Zirconium	90-1	143933	143661	142941	143512	0.36	cps
Zirconium	91-1	31420	32392	31901	31905	1.52	cps

LB Number : LB132992 Operator : Jaswal
Lab Sample ID : P2818-01A Instrumnet Name : P7
Client Sample ID : MYD581ARE Dilution Factor : 1
Date & Time Acquired : 2024-10-17 20:59:32 DataFile Name : 057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6381871	6417687	6371099	6390219	0.38	cps
Antimony	121-1	6028	6001	6095	6041	0.80	cps
Arsenic	75-2	32733	32773	33134	32880	0.67	cps
Barium	135-1	822674	828569	825022	825422	0.36	cps
Barium	137-1	1427091	1433410	1430869	1430457	0.22	cps
Beryllium	9-1	2030	1923	2080	2011	3.98	cps
Bismuth	209-1	2143223	2301440	2348142	2264268	4.74	cps
Bismuth	209-2	1953977	1956591	1940011	1950193	0.46	cps
Bromine	81-1	11091	11621	11231	11314	2.43	cps
Bromine	81-2	910	960	947	939	2.76	cps
Cadmium	108-1	463	463	530	486	7.93	cps
Cadmium	106-1	2070	2277	2367	2238	6.80	cps
Cadmium	111-1	7149	7594	7844	7529	4.67	cps
Calcium	43-1	462796	466224	463718	464246	0.38	cps
Calcium	44-1	6963347	7007640	7007613	6992866	0.37	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	173608	171938	172872	172806	0.48	cps
Cobalt	59-2	137059	135596	137085	136580	0.62	cps
Copper	63-2	1444413	1446727	1448934	1446691	0.16	cps
Dysprosium	156-1	60429	61738	61936	61368	1.33	cps
Dysprosium	156-2	48196	47962	48032	48063	0.25	cps
Erbium	164-1	50681	50160	50471	50437	0.52	cps
Erbium	164-2	34676	34058	35168	34634	1.61	cps
Gadolinium	160-1	56082	55780	56570	56144	0.71	cps
Gadolinium	160-2	40505	40201	40081	40262	0.54	cps
Holmium	165-1	3395063	3719687	3849010	3654587	6.40	cps
Holmium	165-2	2709748	2738667	2635727	2694714	1.97	cps
Indium	115-1	2575275	2762767	2822101	2720047	4.74	cps
Indium	115-2	906306	903268	892457	900677	0.81	cps
Iron	56-2	166548084	167293428	167799068	167213526	0.38	cps
Iron	57-2	4121916	4123318	4107793	4117676	0.21	cps
Iron	54-2	9173454	9189428	9156522	9173135	0.18	cps
Krypton	83-1	87	153	143	128	28.14	cps

LB Number : LB132992 Operator : Jaswal
Lab Sample ID : P2818-01A Instrumnet Name : P7
Client Sample ID : MYD581ARE Dilution Factor : 1
Date & Time Acquired : 2024-10-17 20:59:32 DataFile Name : 057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	2633286	2656370	2675186	2654948	0.79	cps
Lead	207-1	2291037	2350873	2338649	2326853	1.36	cps
Lead	208-1	10405680	10679505	10602395	10562527	1.34	cps
Lithium	6-1	686960	742335	756538	728611	5.05	cps
Magnesium	24-2	4489589	4541693	4456302	4495861	0.96	cps
Manganese	55-2	5584473	5625518	5623676	5611222	0.41	cps
Molybdenum	94-1	38785	38217	39202	38734	1.28	cps
Molybdenum	95-1	5098	4991	5201	5096	2.06	cps
Molybdenum	96-1	12782	13526	13663	13324	3.56	cps
Molybdenum	97-1	3080	3064	3060	3068	0.35	cps
Molybdenum	98-1	7855	8059	7752	7889	1.98	cps
Neodymium	150-1	101686	100505	101297	101163	0.60	cps
Neodymium	150-2	57182	57349	56724	57085	0.57	cps
Nickel	60-2	52411	52926	52247	52528	0.67	cps
Phosphorus	31-2	18301	18358	18091	18250	0.77	cps
Potassium	39-2	3662586	3640424	3673519	3658843	0.46	cps
Rhodium	103-1	2225724	2355124	2433527	2338125	4.49	cps
Rhodium	103-2	1391446	1384522	1372873	1382947	0.68	cps
Scandium	45-1	1519376	1579767	1667855	1588999	4.70	cps
Scandium	45-2	147189	146688	144403	146093	1.02	cps
Selenium	82-1	349	282	273	301	13.80	cps
Selenium	77-2	127	197	120	148	28.74	cps
Selenium	78-2	197	287	250	244	18.51	cps
Silicon	28-1	15408712	15565043	15624704	15532820	0.72	cps
Silver	107-1	13273	14200	13513	13662	3.52	cps
Silver	109-1	12646	13109	12966	12907	1.84	cps
Sodium	23-2	249869	249289	250377	249845	0.22	cps
Strontium	86-1	213212	216661	216492	215455	0.90	cps
Strontium	88-1	1873541	1946370	1966624	1928845	2.54	cps
Sulfur	34-1	114723	118757	118512	117330	1.93	cps
Terbium	159-1	3569414	3765408	3854092	3729638	3.91	cps
Terbium	159-2	2625545	2609083	2604520	2613049	0.42	cps
Thallium	203-1	2617	2627	2737	2660	2.50	cps
Thallium	205-1	6412	6538	6588	6513	1.40	cps
Tin	118-1	34575	36090	36101	35589	2.47	cps
Titanium	47-1	802729	812177	816056	810320	0.85	cps

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

P2818-01A

Instrumnet Name :

P7

Client Sample ID :

MYD581ARE

Dilution Factor :

1

Date & Time Acquired :

2024-10-17 20:59:32

DataFile Name :

057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	20616	20930	20840	20795	0.78	cps
Vanadium	51-2	292934	291248	291186	291789	0.34	cps
Yttrium	89-1	4933490	5288450	5374606	5198849	4.50	cps
Yttrium	89-2	1360855	1348644	1343702	1351067	0.65	cps
Zinc	66-2	189466	187943	187262	188224	0.60	cps
Zirconium	90-1	95004	95280	96319	95535	0.73	cps
Zirconium	91-1	20988	21699	21950	21546	2.31	cps

LB Number : LB132992 Operator : Jaswal
Lab Sample ID : CCV091 Instrumnet Name : P7
Client Sample ID : CCV091 Dilution Factor : 1
Date & Time Acquired : 2024-10-17 21:05:02 DataFile Name : 058CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4190830	4258158	4296683	4248557	1.26	cps
Antimony	121-1	1916430	1931267	1922345	1923347	0.39	cps
Arsenic	75-2	82417	81465	81673	81852	0.61	cps
Barium	135-1	2674960	2629247	2675992	2660066	1.00	cps
Barium	137-1	4590755	4578465	4624122	4597781	0.51	cps
Beryllium	9-1	358543	359594	359735	359291	0.18	cps
Bismuth	209-1	2108029	2099491	2122641	2110053	0.55	cps
Bismuth	209-2	1536538	1570813	1679659	1595670	4.68	cps
Bromine	81-1	6155	5591	5808	5851	4.86	cps
Bromine	81-2	20	33	57	37	50.62	cps
Cadmium	108-1	33161	34103	33161	33475	1.62	cps
Cadmium	106-1	48159	48935	49149	48748	1.07	cps
Cadmium	111-1	441068	439454	446138	442220	0.79	cps
Calcium	43-1	2470802	2542057	2481771	2498210	1.54	cps
Calcium	44-1	39214903	39168538	38885559	39089666	0.46	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	669361	666388	668469	668073	0.23	cps
Cobalt	59-2	1049760	1050892	1050875	1050509	0.06	cps
Copper	63-2	7149903	7172851	7112634	7145129	0.43	cps
Dysprosium	156-1	113	113	130	119	8.10	cps
Dysprosium	156-2	170	173	217	187	13.95	cps
Erbium	164-1	107	87	93	96	10.66	cps
Erbium	164-2	70	50	77	66	21.17	cps
Gadolinium	160-1	60	100	87	82	24.77	cps
Gadolinium	160-2	163	130	167	153	13.22	cps
Holmium	165-1	3676833	3617414	3711509	3668585	1.30	cps
Holmium	165-2	2558216	2332434	2536084	2475578	5.03	cps
Indium	115-1	2659975	2544020	2635234	2613076	2.34	cps
Indium	115-2	821140	755998	807266	794801	4.32	cps
Iron	56-2	148433654	148138308	147793321	148121761	0.22	cps
Iron	57-2	3657099	3643604	3636351	3645685	0.29	cps
Iron	54-2	8215279	8052636	8100101	8122672	1.03	cps
Krypton	83-1	47	63	47	52	18.42	cps

LB Number : LB132992 Operator : Jaswal
Lab Sample ID : CCV091 Instrumnet Name : P7
Client Sample ID : CCV091 Dilution Factor : 1
Date & Time Acquired : 2024-10-17 21:05:02 DataFile Name : 058CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	7669229	7903395	7880626	7817750	1.65	cps
Lead	207-1	6839821	6822443	6810522	6824262	0.22	cps
Lead	208-1	31016081	31210517	31169957	31132185	0.33	cps
Lithium	6-1	705743	693958	695369	698357	0.92	cps
Magnesium	24-2	35154124	35452617	35464079	35356940	0.50	cps
Manganese	55-2	5098727	5139153	5121169	5119683	0.40	cps
Molybdenum	94-1	6916838	6940867	6962447	6940051	0.33	cps
Molybdenum	95-1	10058805	10096748	10153621	10103058	0.47	cps
Molybdenum	96-1	11064412	11159142	11058799	11094118	0.51	cps
Molybdenum	97-1	6369366	6311908	6269745	6317006	0.79	cps
Molybdenum	98-1	16591092	16353029	16523368	16489163	0.74	cps
Neodymium	150-1	237	243	230	237	2.82	cps
Neodymium	150-2	43	83	57	61	33.33	cps
Nickel	60-2	253882	256943	253912	254912	0.69	cps
Phosphorus	31-2	40514	40714	41182	40803	0.84	cps
Potassium	39-2	20519664	20676715	20780372	20658917	0.64	cps
Rhodium	103-1	2264039	2192367	2204010	2220139	1.73	cps
Rhodium	103-2	1242425	1139679	1216034	1199379	4.45	cps
Scandium	45-1	1390830	1398677	1409168	1399558	0.66	cps
Scandium	45-2	124728	113242	123998	120656	5.33	cps
Selenium	82-1	24822	25070	24921	24938	0.50	cps
Selenium	77-2	2337	2320	2440	2366	2.75	cps
Selenium	78-2	8166	7819	8082	8022	2.26	cps
Silicon	28-1	1103135	1099909	1111543	1104862	0.54	cps
Silver	107-1	2123806	2197315	2168992	2163371	1.71	cps
Silver	109-1	2066356	2078712	2059700	2068256	0.47	cps
Sodium	23-2	56951314	57663631	58011017	57541987	0.94	cps
Strontium	86-1	14918007	14940905	14994417	14951110	0.26	cps
Strontium	88-1	131079898	131444398	131634648	131386315	0.21	cps
Sulfur	34-1	249268	248574	247761	248534	0.30	cps
Terbium	159-1	3754555	3750837	3687596	3730996	1.01	cps
Terbium	159-2	2498898	2250611	2418834	2389448	5.30	cps
Thallium	203-1	1918825	1932570	1960521	1937305	1.10	cps
Thallium	205-1	4567834	4696162	4662425	4642140	1.43	cps
Tin	118-1	1695737	1656787	1651029	1667851	1.46	cps
Titanium	47-1	2433935	2378821	2367983	2393580	1.48	cps

LB Number :

LB132992

Operator :

Jaswal

Lab Sample ID :

CCV091

Instrumnet Name :

P7

Client Sample ID :

CCV091

Dilution Factor :

1

Date & Time Acquired :

2024-10-17 21:05:02

DataFile Name :

058CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	6276909	6430485	6382315	6363237	1.23	cps
Vanadium	51-2	613739	612953	613395	613362	0.06	cps
Yttrium	89-1	4528663	4434959	4462135	4475252	1.08	cps
Yttrium	89-2	1108196	1019380	1092726	1073434	4.42	cps
Zinc	66-2	1169097	1180775	1174354	1174742	0.50	cps
Zirconium	90-1	3148823	3157051	3192183	3166019	0.73	cps
Zirconium	91-1	701403	694307	702494	699401	0.64	cps

LB Number :LB132992Operator :Jaswal

Lab Sample ID :CCB091Instrumnet Name :P7

Client Sample ID :CCB091Dilution Factor :1

Date & Time Acquired :2024-10-17 21:07:56DataFile Name :059CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	247	210	280	246	14.26	cps
Antimony	121-1	1453	1347	1543	1448	6.80	cps
Arsenic	75-2	3	7	13	8	65.47	cps
Barium	135-1	160	100	107	122	26.91	cps
Barium	137-1	263	200	207	223	15.58	cps
Beryllium	9-1	243	250	237	243	2.74	cps
Bismuth	209-1	2380829	2406083	2373667	2386860	0.71	cps
Bismuth	209-2	1987131	1968939	1928929	1961666	1.52	cps
Bromine	81-1	6075	6271	6191	6179	1.60	cps
Bromine	81-2	27	40	60	42	39.73	cps
Cadmium	108-1	10	10	3	8	49.52	cps
Cadmium	106-1	1427	1300	1387	1371	4.72	cps
Cadmium	111-1	1052	963	998	1004	4.44	cps
Calcium	43-1	250	223	257	243	7.25	cps
Calcium	44-1	4617	3847	3894	4120	10.48	cps
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	210	150	207	189	17.85	cps
Cobalt	59-2	87	93	73	84	12.06	cps
Copper	63-2	1123	1173	1370	1222	10.67	cps
Dysprosium	156-1	3	7	13	8	65.47	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	17	0	13	10	88.20	cps
Erbium	164-2	13	7	17	12	41.65	cps
Gadolinium	160-1	23	13	13	17	34.65	cps
Gadolinium	160-2	123	97	110	110	12.12	cps
Holmium	165-1	3756536	3791059	3784025	3777206	0.48	cps
Holmium	165-2	2663921	2657783	2605550	2642418	1.21	cps
Indium	115-1	2855801	2913823	2873328	2880984	1.03	cps
Indium	115-2	922442	910981	911697	915040	0.70	cps
Iron	56-2	14170	14027	14270	14156	0.86	cps
Iron	57-2	752	755	769	759	1.18	cps
Iron	54-2	1287	1320	1383	1330	3.69	cps
Krypton	83-1	67	80	83	77	11.50	cps

LB Number : LB132992 Operator : Jaswal
Lab Sample ID : CCB091 Instrumnet Name : P7
Client Sample ID : CCB091 Dilution Factor : 1
Date & Time Acquired : 2024-10-17 21:07:56 DataFile Name : 059CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	206-1	873	807	697	792	11.26	cps
Lead	207-1	710	570	517	599	16.67	cps
Lead	208-1	3377	3007	2640	3008	12.25	cps
Lithium	6-1	750121	753940	757174	753745	0.47	cps
Magnesium	24-2	2300	2394	2490	2395	3.97	cps
Manganese	55-2	367	377	417	387	6.84	cps
Molybdenum	94-1	803	707	710	740	7.42	cps
Molybdenum	95-1	793	683	620	699	12.55	cps
Molybdenum	96-1	967	853	840	887	7.85	cps
Molybdenum	97-1	617	427	393	479	25.16	cps
Molybdenum	98-1	1193	1137	1020	1117	7.91	cps
Neodymium	150-1	0	3	3	2	86.60	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	70	63	57	63	10.52	cps
Phosphorus	31-2	83	127	100	103	21.16	cps
Potassium	39-2	33905	34292	34690	34295	1.14	cps
Rhodium	103-1	2503461	2505794	2523374	2510877	0.43	cps
Rhodium	103-2	1437336	1418194	1410267	1421932	0.98	cps
Scandium	45-1	1465397	1447453	1479259	1464036	1.09	cps
Scandium	45-2	132167	130536	129823	130842	0.92	cps
Selenium	82-1	105	77	93	92	15.43	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	70	117	67	84	33.10	cps
Silicon	28-1	176523	175792	175647	175987	0.27	cps
Silver	107-1	440	280	300	340	25.64	cps
Silver	109-1	423	250	253	309	32.09	cps
Sodium	23-2	17133	16586	17110	16943	1.83	cps
Strontium	86-1	803	650	593	682	15.93	cps
Strontium	88-1	6305	5108	4597	5337	16.42	cps
Sulfur	34-1	110791	111473	113837	112033	1.43	cps
Terbium	159-1	3916112	3871874	3871479	3886488	0.66	cps
Terbium	159-2	2599300	2578120	2586460	2587960	0.41	cps
Thallium	203-1	367	287	293	316	14.07	cps
Thallium	205-1	737	753	700	730	3.74	cps
Tin	118-1	1048	1024	1091	1054	3.20	cps
Titanium	47-1	173	163	203	180	11.56	cps

LB Number : LB132992 Operator : Jaswal
Lab Sample ID : CCB091 Instrumnet Name : P7
Client Sample ID : CCB091 Dilution Factor : 1
Date & Time Acquired : 2024-10-17 21:07:56 DataFile Name : 059CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Uranium	238-1	280	237	203	240	16.02	cps
Vanadium	51-2	30	27	27	28	6.92	cps
Yttrium	89-1	4673050	4698220	4745072	4705447	0.78	cps
Yttrium	89-2	1185737	1166491	1171420	1174549	0.85	cps
Zinc	66-2	157	117	143	139	14.66	cps
Zirconium	90-1	847	813	877	846	3.75	cps
Zirconium	91-1	173	147	143	154	10.65	cps