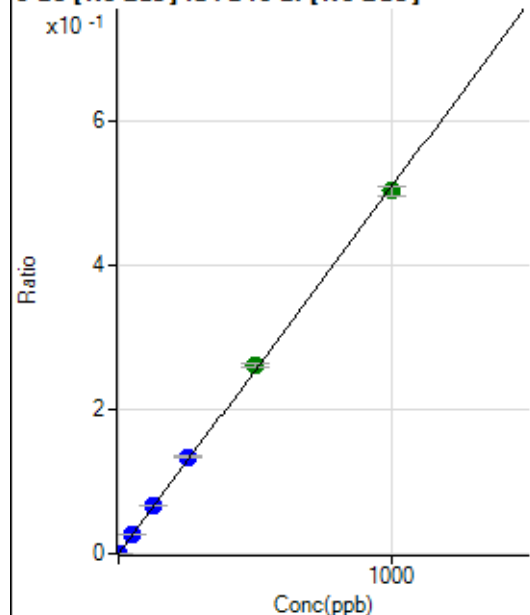


Calibration for 005CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P8032423MS.b\
 Analysis File: P8032423MS.batch.bin
 DA Date-Time: 2023-03-24 12:31:10
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2023-03-24 12:05:36
2	006CALS.d	S02	2023-03-24 12:11:41
3	007CALS.d	S03	2023-03-24 12:14:43
4	008CALS.d	S04	2023-03-24 12:17:43
5	009CALS.d	S05	2023-03-24 12:20:42
6	010CALS.d	S06	2023-03-24 12:23:43
7	011CALS.d	S07	2023-03-24 12:26:41
8	012CALS.d	S08	2023-03-24 12:29:42

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	28.75	0.0000	P	12.3
2	☐	1.000	1.064	2510.74	0.0005	P	2.2
3	☐	50.000	51.408	120225.62	0.0262	P	2.1
4	☐	125.000	131.534	298683.53	0.0670	P	1.0
5	☐	250.000	263.250	588265.11	0.1341	P	2.4
6	☐	500.000	514.107	1156710.76	0.2619	A	1.7
7	☐	1000.000	988.747	2134354.04	0.5036	A	2.4
8	☐			629.94	0.0002	P	12.4

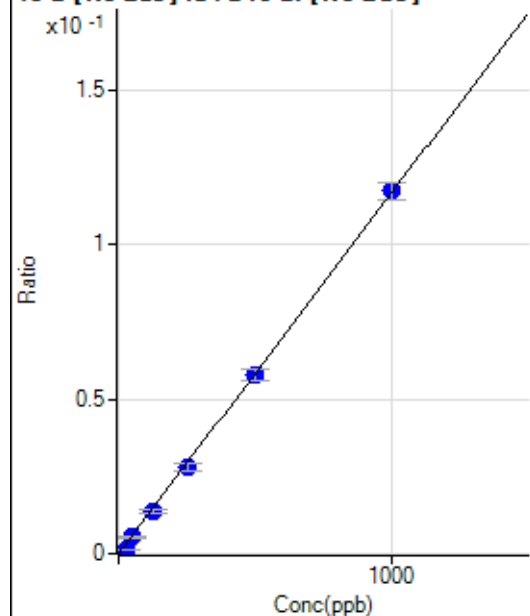
$$y = 5.0934\text{E-}004 * x + 6.3924\text{E-}006$$

$$R = 0.9997$$

$$DL = 0.004636$$

Weight: <None>

Min Conc: 0

10 B [No Gas] ISTD:6 Li [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	367.27	0.0001	P	5.1
2	☐	25.000	12.195	6892.28	0.0015	P	6.7
3	☐	50.000	45.375	24701.25	0.0054	P	5.0
4	☐	125.000	116.946	61237.93	0.0137	P	5.8
5	☐	250.000	239.422	122960.64	0.0280	P	7.4
6	☐	500.000	495.767	255884.98	0.0579	P	6.5
7	☐	1000.000	1006.319	498577.04	0.1175	P	4.6
8	☐			37381.46	0.0092	P	9.9

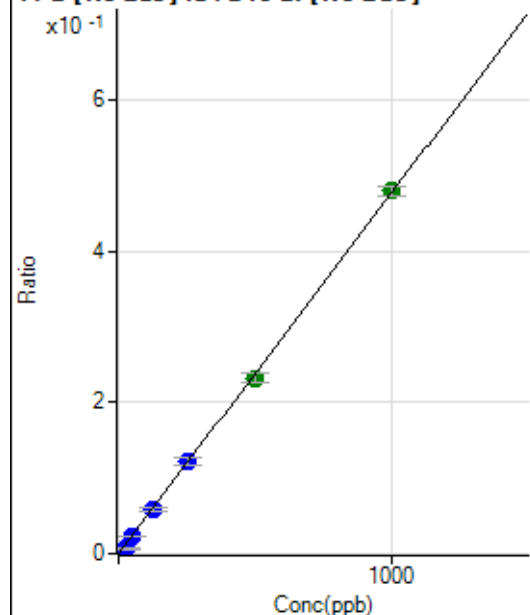
$$y = 1.1670\text{E-}004 * x + 8.1729\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.1079$$

Weight: <None>

Min Conc: 0

11 B [No Gas] ISTD:6 Li [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1534.45	0.0003	P	6.9
2	☐	25.000	12.914	29754.35	0.0065	P	6.9
3	☐	50.000	47.816	106295.72	0.0231	P	7.1
4	☐	125.000	122.854	262702.55	0.0589	P	6.0
5	☐	250.000	254.857	534491.41	0.1218	P	8.1
6	☐	500.000	486.956	1026574.13	0.2324	A	5.4
7	☐	1000.000	1005.987	2035176.63	0.4798	A	2.9
8	☐			161655.40	0.0397	P	11.0

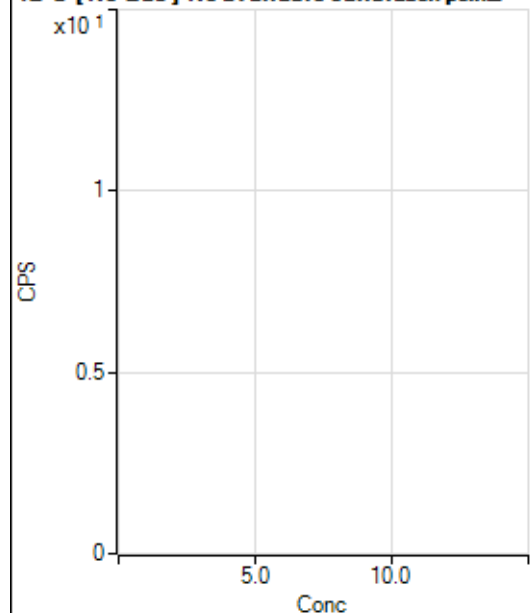
$$y = 4.7663\text{E-}004 * x + 3.4149\text{E-}004$$

$$R = 0.9998$$

$$DL = 0.1473$$

Weight: <None>

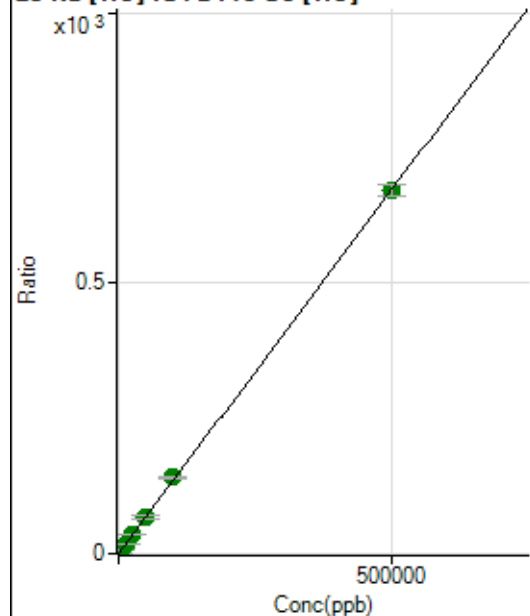
Min Conc: 0

12 C [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			4727344.46		A	0.8
2	☐			5062034.75		A	1.0
3	☐			5130430.49		A	1.7
4	☐			5117578.37		A	1.3
5	☐			5147702.33		A	2.0
6	☐			5114853.37		A	1.7
7	☐			5296139.40		A	2.7
8	☐			4809915.56		A	1.0

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			53035.18		P	1.5
2	☐			56294.86		P	0.4
3	☐			58134.95		P	0.0
4	☐			58198.98		P	0.5
5	☐			59691.12		P	1.7
6	☐			59139.17		P	2.8
7	☐			63270.33		P	1.4
8	☐			59802.97		P	0.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	21880.69	0.1188	P	2.1
2	☐	500.000	531.312	154148.70	0.8326	P	1.3
3	☐	5000.000	5528.831	1410736.00	7.5476	A	4.0
4	☐	12500.000	13460.518	3329222.08	18.2050	A	2.0
5	☐	25000.000	27030.547	6679833.52	36.4383	A	2.4
6	☐	50000.000	50615.044	12979643.09	68.1277	A	9.7
7	☐	100000.00	104835.53	26176651.10	140.9810	A	2.9
8	☐	500000.00	498840.52	125803443.0	670.3858	A	3.1

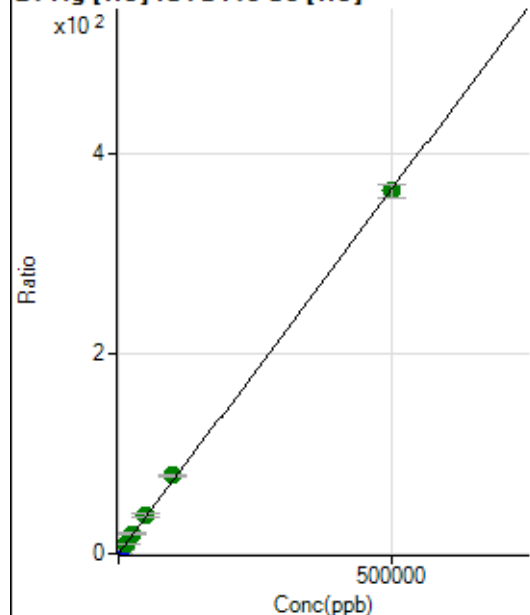
$$y = 0.0013 * x + 0.1188$$

$$R = 0.9999$$

$$DL = 5.698$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	358.35	0.0019	P	17.1
2	☐	500.000	507.853	68942.32	0.3724	P	1.8
3	☐	5000.000	5458.043	744540.19	3.9834	P	3.4
4	☐	12500.000	13828.595	1845162.34	10.0894	A	3.7
5	☐	25000.000	27703.063	3704988.84	20.2102	A	3.0
6	☐	50000.000	51915.242	7210733.84	37.8721	A	11.3
7	☐	100000.00	107172.06	14517263.17	78.1797	A	2.4
8	☐	500000.00	498201.10	68193576.52	363.4199	A	3.4

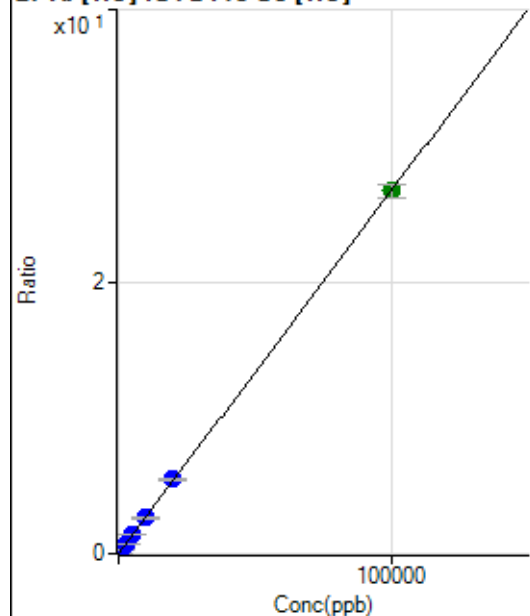
$$y = 7.2946\text{E-}004 * x + 0.0019$$

$$R = 0.9999$$

$$DL = 1.368$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	64.99	0.0004	P	18.3
2	☐	20.000	20.099	1059.91	0.0057	P	4.7
3	☐	1000.000	1078.977	53960.49	0.2887	P	4.3
4	☐	2500.000	2616.728	127966.86	0.6997	P	1.8
5	☐	5000.000	5192.378	254470.96	1.3882	P	1.9
6	☐	10000.000	9833.902	500983.21	2.6287	P	9.0
7	☐	20000.000	20458.357	1015337.89	5.4684	P	3.3
8	☐	100000.00	99911.612	5010902.45	26.7043	A	3.4

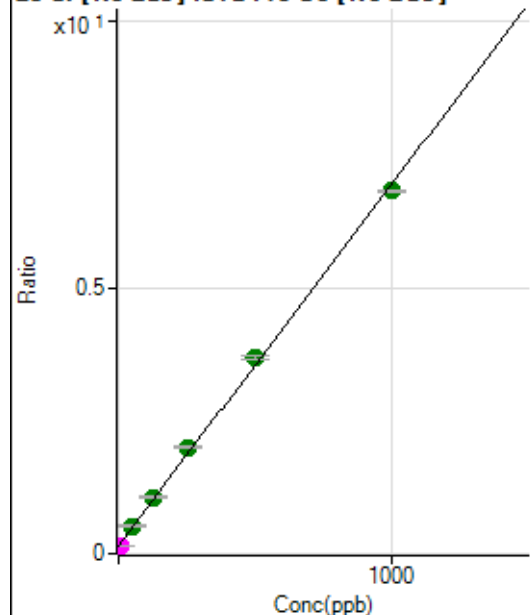
$$y = 2.6728\text{E-}004 * x + 3.5303\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.7268$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	835117.02	0.1483	P	2.4
2	☐	10.000	1.185	890175.07	0.1563	M	3.3
3	☐	50.000	54.834	2934917.34	0.5203	A	1.6
4	☐	125.000	135.015	6022261.12	1.0643	A	5.1
5	☐	250.000	272.146	10884504.50	1.9946	A	2.6
6	☐	500.000	521.775	20575987.26	3.6882	A	2.5
7	☐	1000.000	982.170	38729804.68	6.8117	A	0.3
8	☐			1285772.12	0.2322	A	6.3

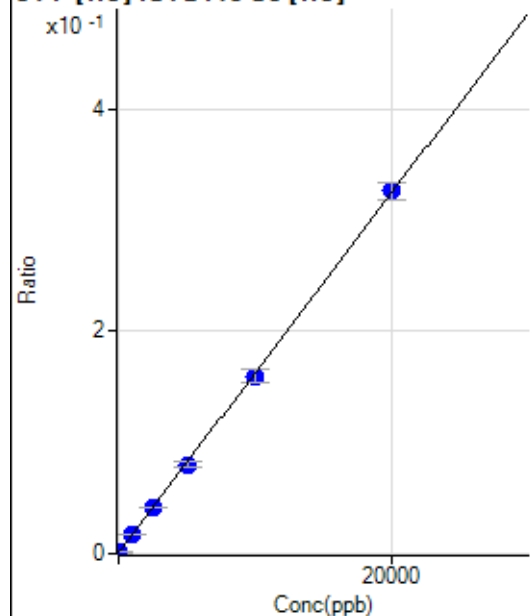
$$y = 0.0068 * x + 0.1483$$

$$R = 0.9992$$

$$DL = 1.566$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	-7.765	138.89	0.0008	P	13.0
2	☐	0.000	7.765	186.12	0.0010	P	13.5
3	☐	1000.000	1012.402	3222.67	0.0172	P	6.3
4	☐	2500.000	2482.835	7502.14	0.0410	P	1.8
5	☐	5000.000	4909.280	14713.34	0.0803	P	5.1
6	☐	10000.000	9816.964	30429.94	0.1596	P	8.0
7	☐	20000.000	20115.723	60543.94	0.3261	P	5.0
8	☐			211.12	0.0011	P	10.0

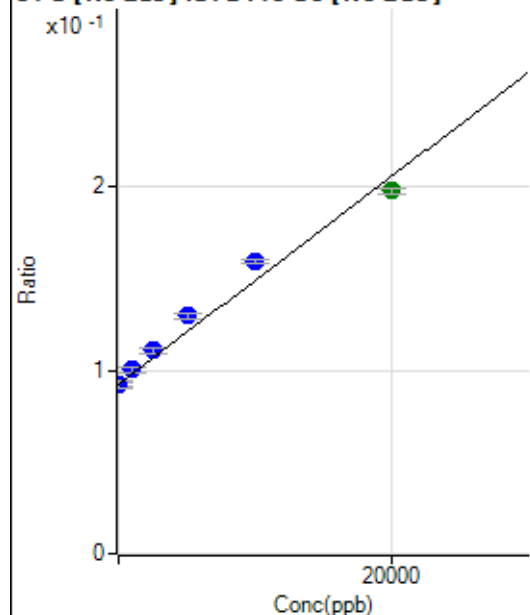
$$y = 1.6168E-005 * x + 8.7960E-004$$

$$R = 0.9999$$

$$DL = 21.7$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	-42.929	518961.05	0.0921	P	2.2
2	☐	0.000	42.929	527288.65	0.0926	P	4.5
3	☐	1000.000	1393.437	565504.92	0.1003	P	2.7
4	☐	2500.000	3215.765	625938.25	0.1106	P	3.6
5	☐	5000.000	6568.704	707108.45	0.1296	P	2.1
6	☐	10000.000	11811.891	888579.93	0.1593	P	1.7
7	☐	20000.000	18592.736	1123686.79	0.1977	A	1.4
8	☐			447400.64	0.0807	P	0.9

$$y = 5.6622E-006 * x + 0.0924$$

R = 0.9895

DL = 1629

Weight: <None>

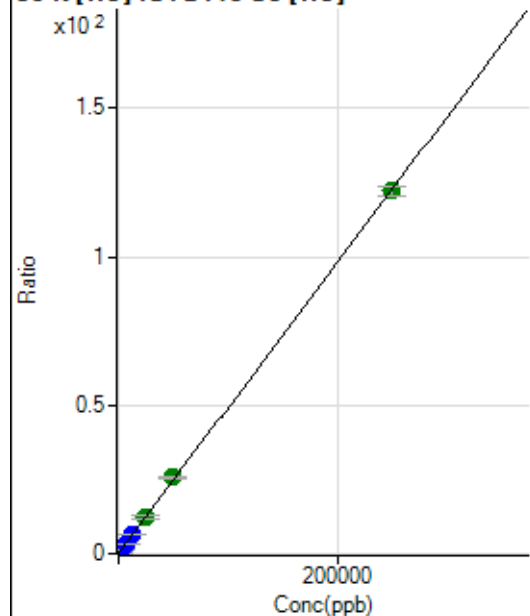
Min Conc: 0

35 Cl [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			160356.09		P	1.1
2	☐			226332.84		P	1.7
3	☐			227326.22		P	1.5
4	☐			224973.18		P	0.5
5	☐			221435.24		P	1.4
6	☐			215505.97		P	1.6
7	☐			215394.06		P	1.9
8	☐			212603.78		P	2.9

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			947.28		P	2.7
2	☐			1436.22		P	3.3
3	☐			1450.12		P	10.2
4	☐			1455.66		P	6.4
5	☐			1391.78		P	10.9
6	☐			1352.87		P	4.9
7	☐			1394.55		P	6.0
8	☐			1500.12		P	14.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	26858.87	0.1458	P	2.2
2	☐	500.000	467.091	69280.52	0.3742	P	3.0
3	☐	2500.000	2493.132	255126.30	1.3653	P	4.7
4	☐	6250.000	6325.945	592500.90	3.2400	P	1.5
5	☐	12500.000	12715.334	1166882.79	6.3654	P	2.2
6	☐	25000.000	24768.311	2335844.30	12.2610	A	10.3
7	☐	50000.000	52112.624	4759949.07	25.6362	A	3.0
8	☐	250000.00	249588.11	22939637.49	122.2295	A	2.4

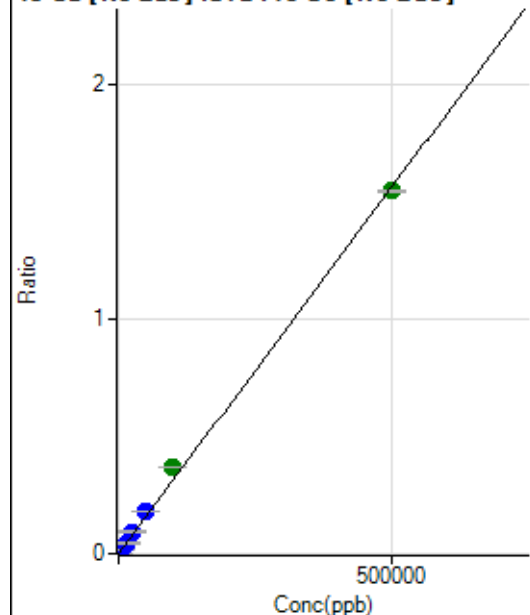
$$y = 4.8914\text{E-}004 * x + 0.1458$$

$$R = 1.0000$$

$$DL = 20.08$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	137.07	0.0000	P	6.0
2	☐	500.000	506.370	9139.27	0.0016	P	3.6
3	☐	5000.000	5803.577	102329.45	0.0181	P	1.9
4	☐	12500.000	14414.468	254919.68	0.0450	P	2.0
5	☐	25000.000	30084.948	512592.98	0.0939	P	3.3
6	☐	50000.000	57114.581	995004.87	0.1783	P	1.0
7	☐	100000.00	118123.36	2096861.02	0.3688	A	0.3
8	☐	500000.00	495353.71	8572627.29	1.5465	A	0.6

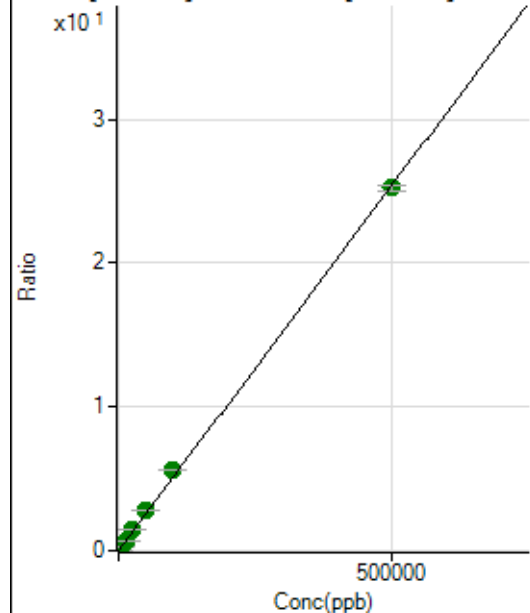
$$y = 3.1220\text{E-}006 * x + 2.4307\text{E-}005$$

$$R = 0.9992$$

$$DL = 1.393$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	12542.25	0.0022	P	1.6
2	☐	500.000	496.815	156225.87	0.0274	P	3.4
3	☐	5000.000	5700.692	1644278.62	0.2915	A	1.4
4	☐	12500.000	13994.566	4034078.45	0.7124	A	1.5
5	☐	25000.000	29489.216	8177853.98	1.4987	A	2.2
6	☐	50000.000	55681.879	15779239.39	2.8278	A	0.4
7	☐	100000.00	109803.23	31692741.58	5.5742	A	0.7
8	☐	500000.00	497202.33	139838950.3	25.2328	A	1.3

$$y = 5.0745\text{E-}005 * x + 0.0022$$

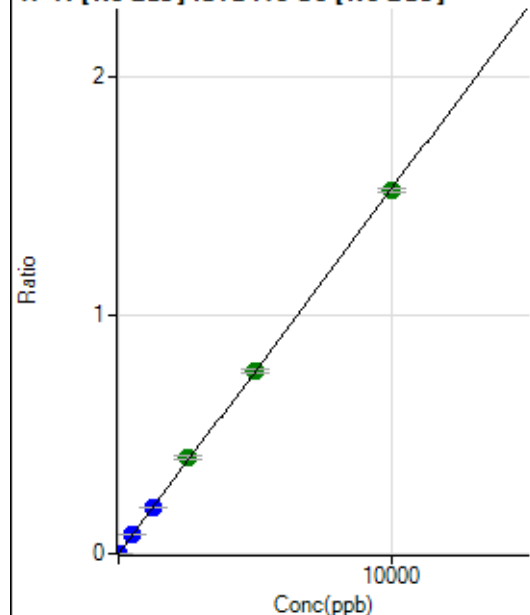
$$R = 0.9998$$

$$DL = 2.069$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	119.45	0.0000	P	12.4
2	☐	5.000	4.779	4289.63	0.0008	P	1.0
3	☐	500.000	509.170	439709.71	0.0780	P	2.0
4	☐	1250.000	1264.474	1096035.29	0.1936	P	1.2
5	☐	2500.000	2658.576	2219945.56	0.4069	A	4.1
6	☐	5000.000	5024.849	4290688.25	0.7691	A	2.3
7	☐	10000.000	9945.664	8655920.50	1.5223	A	1.1
8	☐			1330.66	0.0002	P	18.3

$$y = 1.5306\text{E-}004 * x + 2.1163\text{E-}005$$

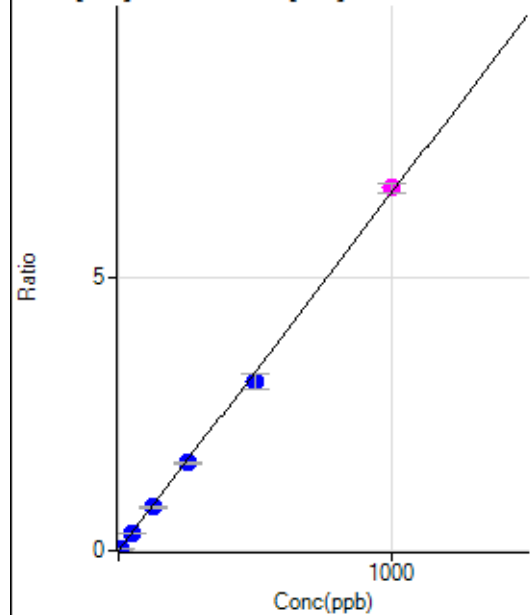
$$R = 0.9999$$

$$DL = 0.0514$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	2.22	0.0000	P	86.6
2	☐	5.000	4.680	5662.28	0.0306	P	5.1
3	☐	50.000	48.103	58734.55	0.3143	P	3.6
4	☐	125.000	121.485	145134.38	0.7936	P	1.3
5	☐	250.000	247.212	296054.11	1.6150	P	2.2
6	☐	500.000	474.101	590174.49	3.0972	P	9.4
7	☐	1000.000	1014.182	1230269.96	6.6254	M	2.6
8	☐			231.12	0.0012	P	14.8

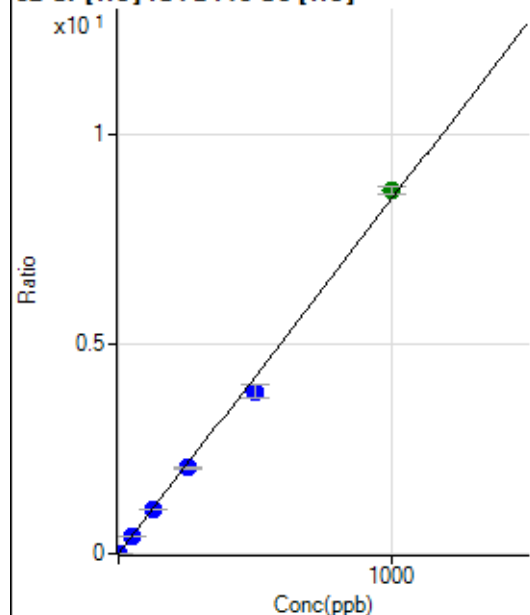
$$y = 0.0065 * x + 1.2114\text{E-}005$$

$$R = 0.9995$$

$$DL = 0.004818$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	685.58	0.0037	P	1.8
2	☐	2.000	1.750	3426.00	0.0185	P	2.7
3	☐	50.000	47.759	76139.75	0.4073	P	3.4
4	☐	125.000	124.999	193872.85	1.0601	P	1.9
5	☐	250.000	241.807	375315.90	2.0473	P	2.4
6	☐	500.000	457.319	737571.72	3.8687	P	8.1
7	☐	1000.000	1023.502	1606923.21	8.6538	A	2.1
8	☐			11059.92	0.0589	P	4.6

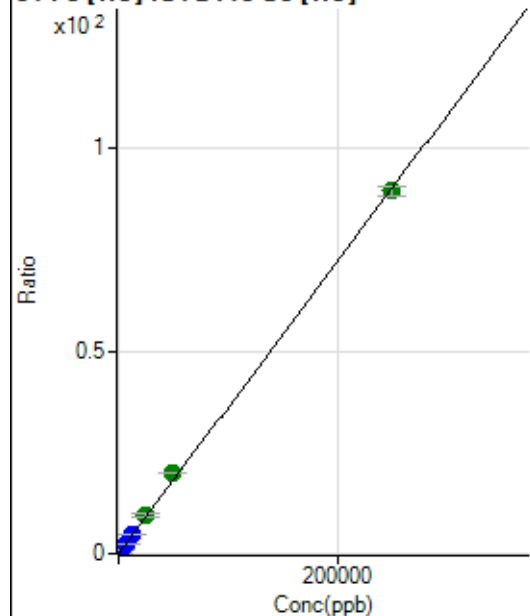
$$y = 0.0085 * x + 0.0037$$

$$R = 0.9986$$

$$DL = 0.02324$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	572.24	0.0031	P	15.2
2	☐	50.000	49.499	3870.97	0.0209	P	5.3
3	☐	2500.000	2645.385	178412.05	0.9546	P	3.8
4	☐	6250.000	6658.141	438522.78	2.3979	P	2.1
5	☐	12500.000	13259.067	874763.11	4.7721	P	0.5
6	☐	25000.000	26375.682	1809409.59	9.4899	A	8.4
7	☐	50000.000	55454.514	3704674.97	19.9490	A	0.5
8	☐	250000.00	248721.91	16788634.64	89.4636	A	2.9

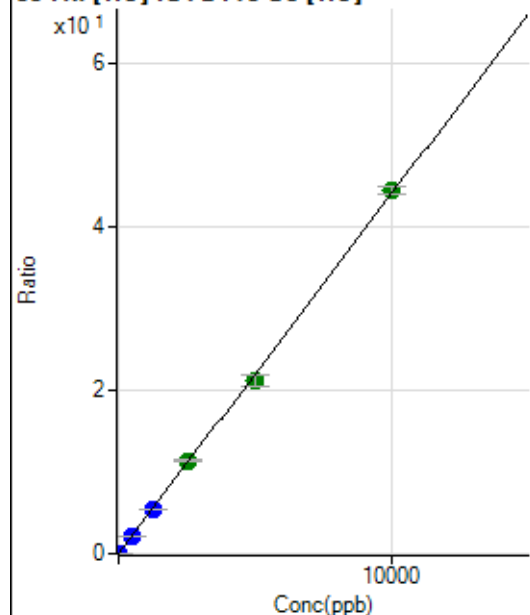
$$y = 3.5968E-004 * x + 0.0031$$

$$R = 0.9997$$

$$DL = 3.935$$

Weight: <None>

Min Conc: 0

⁵⁵Mn [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	35.55	0.0002	P	18.6
2	☐	1.000	1.084	918.93	0.0050	P	2.7
3	☐	500.000	477.902	393123.96	2.1035	P	4.6
4	☐	1250.000	1225.366	986323.46	5.3932	P	2.5
5	☐	2500.000	2577.095	2079183.88	11.3424	A	1.6
6	☐	5000.000	4802.405	4032680.64	21.1363	A	6.3
7	☐	10000.000	10083.708	8240890.85	44.3801	A	2.2
8	☐			5940.19	0.0317	P	2.9

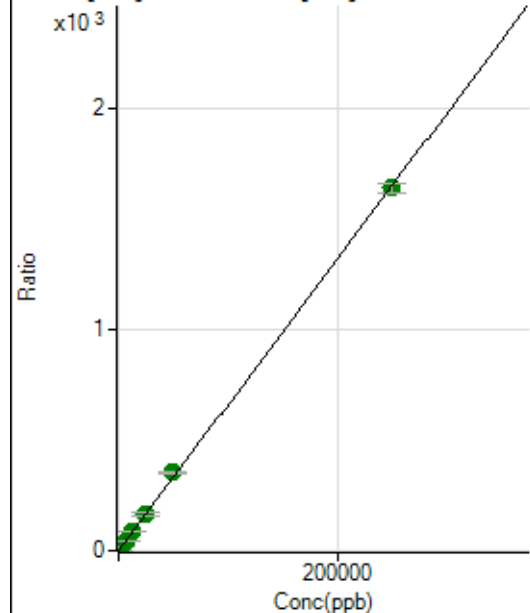
$$y = 0.0044 * x + 1.9273E-004$$

$$R = 0.9997$$

$$DL = 0.02439$$

Weight: <None>

Min Conc: 0

⁵⁶Fe [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	2496.56	0.0135	P	2.6
2	☐	50.000	49.539	62799.47	0.3392	P	2.2
3	☐	2500.000	2705.328	3326199.64	17.7988	A	4.9
4	☐	6250.000	6718.597	8079390.92	44.1826	A	1.9
5	☐	12500.000	13613.965	16408724.90	89.5137	A	1.0
6	☐	25000.000	25498.775	31956417.15	167.6462	A	8.6
7	☐	50000.000	53762.390	65630682.02	353.4552	A	1.9
8	☐	250000.00	249128.17	307361503.1	1,637.818	A	2.5

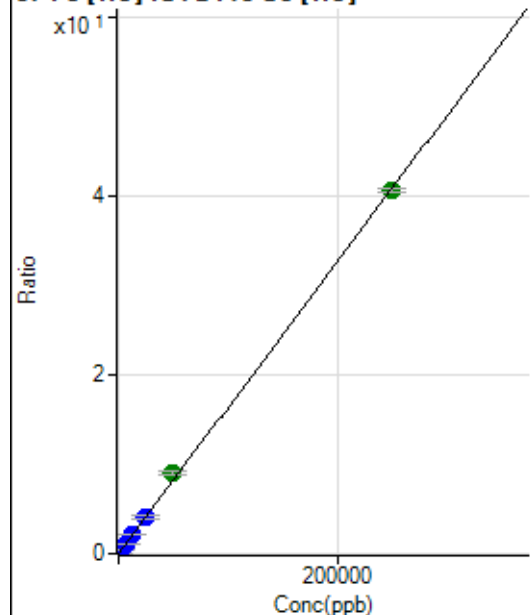
$$y = 0.0066 * x + 0.0135$$

$$R = 0.9999$$

$$DL = 0.161$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	114.82	0.0006	P	2.2
2	☐	50.000	53.181	1722.36	0.0093	P	0.6
3	☐	2500.000	2573.372	78608.62	0.4207	P	4.7
4	☐	6250.000	6572.941	196300.66	1.0735	P	2.0
5	☐	12500.000	13232.306	396046.77	2.1604	P	2.2
6	☐	25000.000	25077.628	780297.70	4.0939	P	8.9
7	☐	50000.000	55544.693	1683348.72	9.0668	A	3.5
8	☐	250000.00	248837.87	7623745.31	40.6167	A	1.1

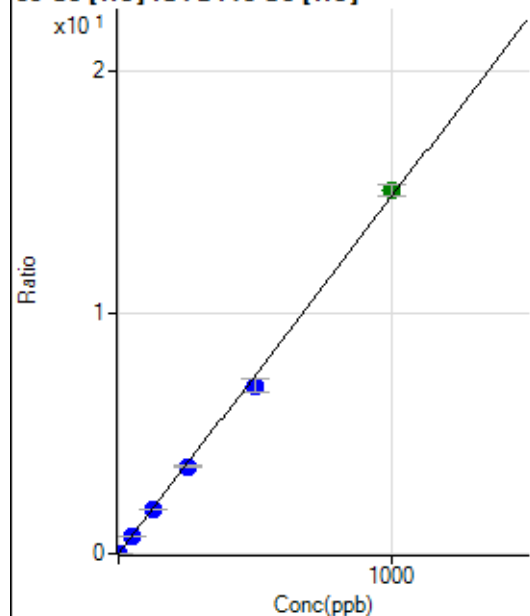
$$y = 1.6322\text{E-}004 * x + 6.2301\text{E-}004$$

$$R = 0.9997$$

$$DL = 0.254$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	110.00	0.0006	P	24.4
2	☐	1.000	0.948	2708.06	0.0146	P	1.4
3	☐	50.000	48.478	134134.09	0.7177	P	4.1
4	☐	125.000	123.290	333624.96	1.8244	P	1.2
5	☐	250.000	244.297	662600.38	3.6144	P	2.6
6	☐	500.000	470.894	1328317.78	6.9664	P	7.8
7	☐	1000.000	1016.268	2791405.20	15.0340	A	3.1
8	☐			1901.26	0.0101	P	5.2

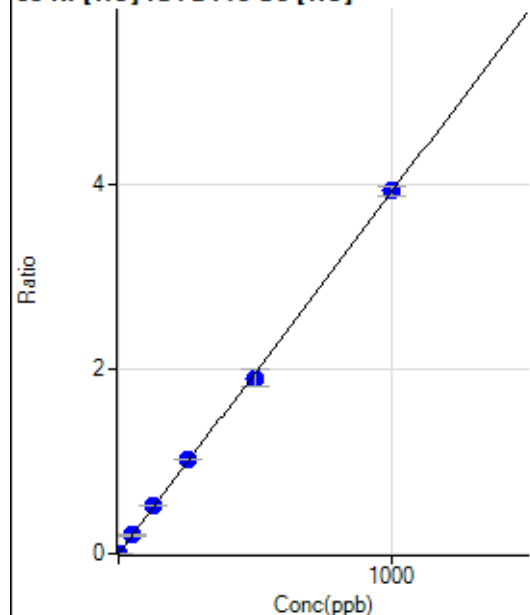
$$y = 0.0148 * x + 5.9758\text{E-}004$$

$$R = 0.9994$$

$$DL = 0.02959$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	32.22	0.0002	P	31.7
2	☐	1.000	1.018	772.25	0.0042	P	3.8
3	☐	50.000	51.112	37539.52	0.2009	P	3.8
4	☐	125.000	133.026	95550.09	0.5225	P	2.0
5	☐	250.000	259.326	186675.63	1.0184	P	0.3
6	☐	500.000	486.552	364136.21	1.9106	P	8.8
7	☐	1000.000	1003.333	731527.52	3.9396	P	2.6
8	☐			1378.97	0.0073	P	3.8

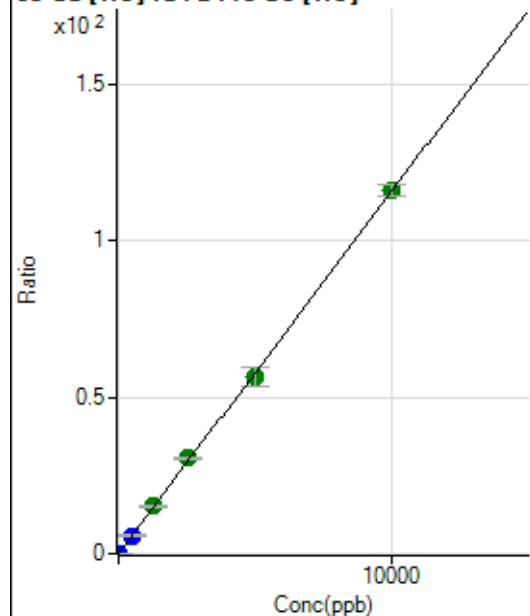
$$y = 0.0039 * x + 1.7482E-004$$

$$R = 0.9998$$

$$DL = 0.04233$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	828.92	0.0045	P	2.5
2	☐	2.000	1.951	5008.72	0.0271	P	2.0
3	☐	500.000	495.507	1071386.30	5.7330	P	4.6
4	☐	1250.000	1309.959	2770349.54	15.1487	A	3.4
5	☐	2500.000	2632.153	5578902.24	30.4344	A	1.2
6	☐	5000.000	4882.331	10752472.89	56.4483	A	10.2
7	☐	10000.000	10018.526	21507320.65	115.8270	A	3.3
8	☐			4300.70	0.0229	P	4.0

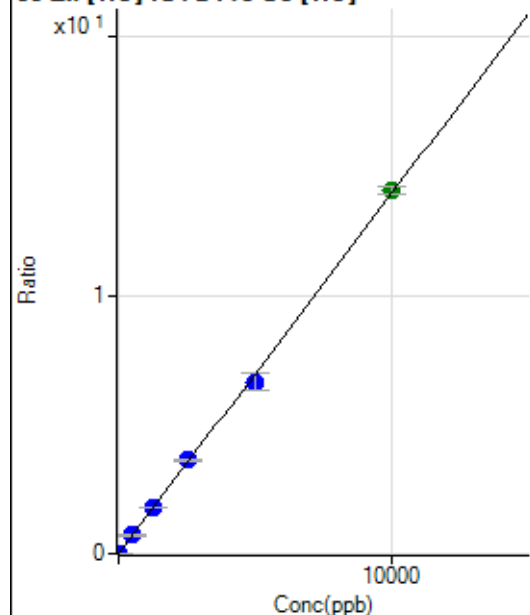
$$y = 0.0116 * x + 0.0045$$

$$R = 0.9998$$

$$DL = 0.02968$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD: ⁴⁵Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	77.78	0.0004	P	21.9
2	☐	2.000	2.383	692.25	0.0037	P	5.6
3	☐	500.000	508.577	132373.56	0.7084	P	4.8
4	☐	1250.000	1282.210	326472.60	1.7853	P	1.2
5	☐	2500.000	2591.611	661409.07	3.6080	P	2.7
6	☐	5000.000	4781.588	1268547.12	6.6564	P	9.1
7	☐	10000.000	10081.848	2606010.52	14.0344	A	2.1
8	☐			1780.13	0.0095	P	1.2

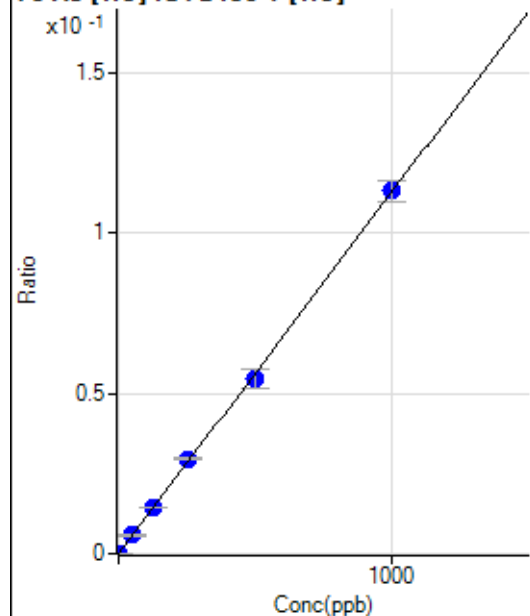
$$y = 0.0014 * x + 4.2248E-004$$

$$R = 0.9996$$

$$DL = 0.1991$$

Weight: <None>

Min Conc: 0

⁷⁵As [He] ISTD: ⁸⁹Y [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	2.67	0.0000	P	114.0
2	☐	1.000	1.030	148.02	0.0001	P	5.3
3	☐	50.000	50.720	7193.23	0.0057	P	3.5
4	☐	125.000	127.454	17750.26	0.0144	P	1.2
5	☐	250.000	261.423	36267.37	0.0295	P	2.4
6	☐	500.000	484.829	71059.65	0.0547	P	10.8
7	☐	1000.000	1004.387	145582.41	0.1133	P	6.0
8	☐			29.33	0.0000	P	1.2

$$y = 1.1281E-004 * x + 2.1695E-006$$

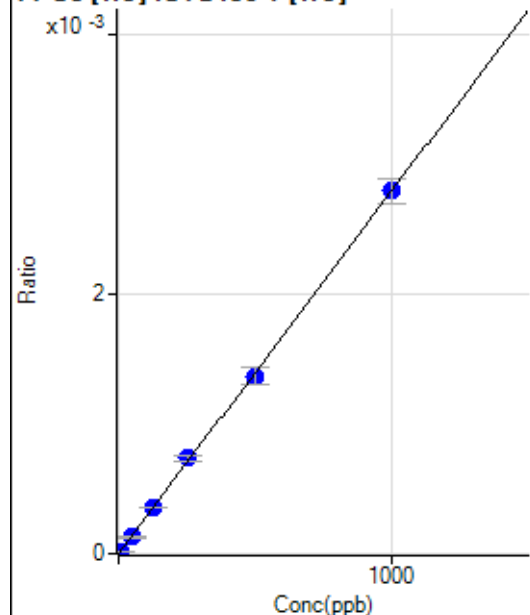
$$R = 0.9998$$

$$DL = 0.06577$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	6.068	21.11	0.0000	P	37.8
3	☐	50.000	46.553	163.34	0.0001	P	14.1
4	☐	125.000	128.940	444.46	0.0004	P	0.9
5	☐	250.000	263.757	905.60	0.0007	P	5.7
6	☐	500.000	490.292	1779.02	0.0014	P	10.4
7	☐	1000.000	1001.089	3592.72	0.0028	P	6.8
8	☐			3.33	0.0000	P	101.0

$$y = 2.7925\text{E-}006 * x + 0.0000\text{E+}000$$

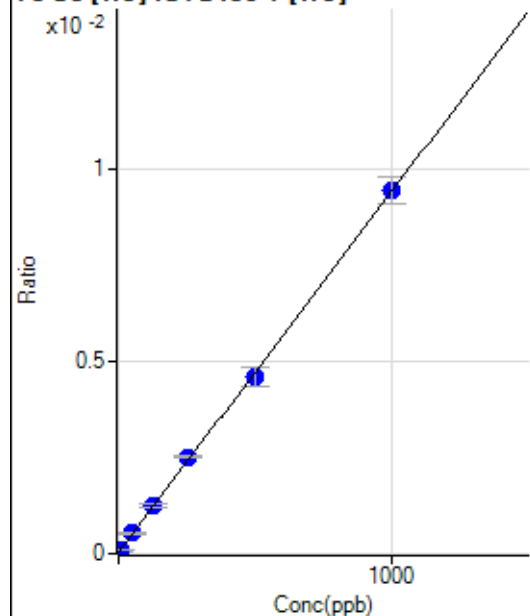
$$R = 0.9998$$

$$DL = 0$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	51.34	0.0000	P	11.4
2	☐	5.000	5.046	111.34	0.0001	P	7.2
3	☐	50.000	52.512	671.08	0.0005	P	6.6
4	☐	125.000	128.096	1534.24	0.0012	P	6.1
5	☐	250.000	264.507	3101.33	0.0025	P	3.5
6	☐	500.000	488.178	6001.89	0.0046	P	10.7
7	☐	1000.000	1001.771	12117.43	0.0094	P	7.4
8	☐			59.01	0.0000	P	14.9

$$y = 9.3770\text{E-}006 * x + 4.1719\text{E-}005$$

$$R = 0.9998$$

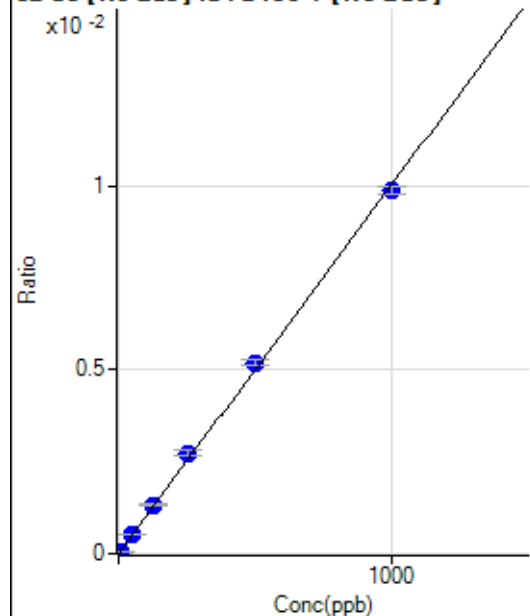
$$DL = 1.527$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			32129.88		P	2.8
2	☐			32494.28		P	2.5
3	☐			33048.40		P	3.7
4	☐			32293.80		P	0.8
5	☐			31558.93		P	3.0
6	☐			31678.45		P	0.5
7	☐			32093.37		P	0.9
8	☐			32488.54		P	2.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	2.08	0.0000	P	1791.
2	☐	5.000	5.075	583.29	0.0001	P	8.9
3	☐	50.000	53.026	6069.05	0.0005	P	3.0
4	☐	125.000	132.884	15157.07	0.0013	P	0.7
5	☐	250.000	272.718	29955.08	0.0027	P	5.2
6	☐	500.000	517.984	58639.01	0.0052	P	3.4
7	☐	1000.000	984.191	114146.49	0.0099	P	2.0
8	☐			84.57	0.0000	P	33.4

$$y = 1.0016E-005 * x + 2.1780E-007$$

$$R = 0.9995$$

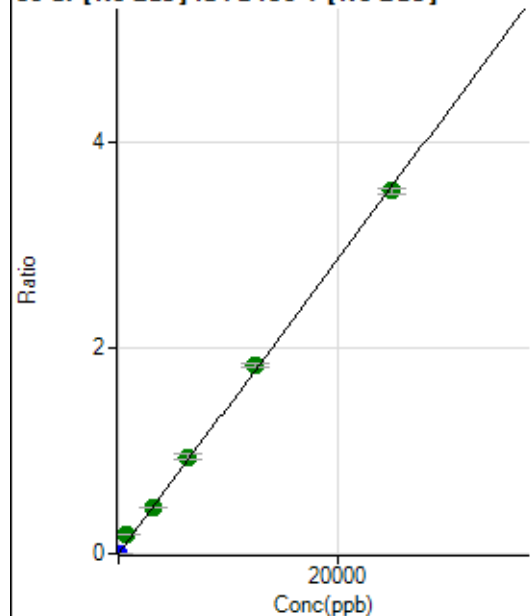
$$DL = 1.169$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			342.46		P	8.0
2	☐			333.29		P	2.3
3	☐			334.13		P	9.6
4	☐			332.88		P	9.4
5	☐			350.38		P	6.5
6	☐			341.63		P	2.8
7	☐			362.46		P	3.3
8	☐			371.21		P	4.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	611.14	0.0001	P	32.5
2	☐	1.000	0.943	2166.90	0.0002	P	8.8
3	☐	625.000	1291.193	2105600.37	0.1843	A	2.0
4	☐	3125.000	3141.027	5104235.53	0.4483	A	0.8
5	☐	6250.000	6587.430	10308701.01	0.9401	A	5.2
6	☐	12500.000	12840.421	20711503.93	1.8324	A	2.8
7	☐	25000.000	24726.774	40861318.62	3.5286	A	1.5
8	☐			12025.04	0.0011	P	10.9

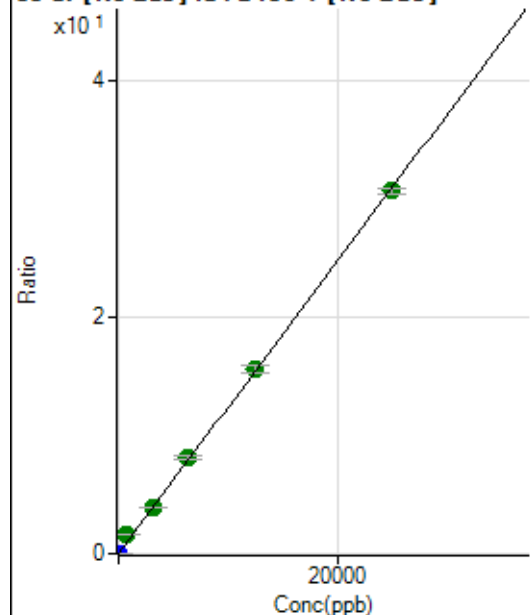
$$y = 1.4270E-004 * x + 5.4715E-005$$

$$R = 0.9995$$

$$DL = 0.3734$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	566.70	0.0001	P	67.0
2	☐	1.000	0.941	13885.04	0.0012	P	6.0
3	☐	625.000	1261.181	17804761.16	1.5579	A	0.4
4	☐	3125.000	3133.123	44067081.54	3.8702	A	0.8
5	☐	6250.000	6600.868	89412565.19	8.1537	A	5.2
6	☐	12500.000	12619.160	176173649.7	15.5877	A	3.4
7	☐	25000.000	24835.783	355234441.2	30.6782	A	1.9
8	☐			100455.89	0.0090	P	10.3

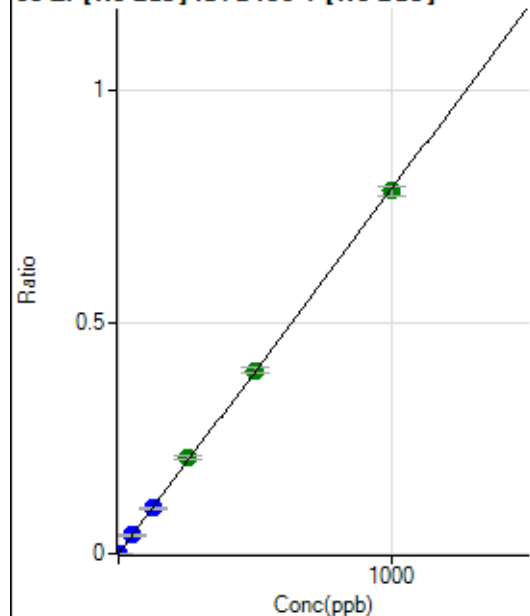
$$y = 0.0012 * x + 5.0952E-005$$

$$R = 0.9996$$

$$DL = 0.08289$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	444.47	0.0000	P	17.6
2	☐	1.000	0.908	8639.02	0.0008	P	2.5
3	☐	50.000	50.112	451234.91	0.0395	P	2.6
4	☐	125.000	123.975	1111791.70	0.0976	P	1.4
5	☐	250.000	264.857	2288130.41	0.2086	A	3.7
6	☐	500.000	503.090	4477554.22	0.3961	A	2.4
7	☐	1000.000	994.863	9069925.11	0.7833	A	2.4
8	☐			2341.94	0.0002	P	5.2

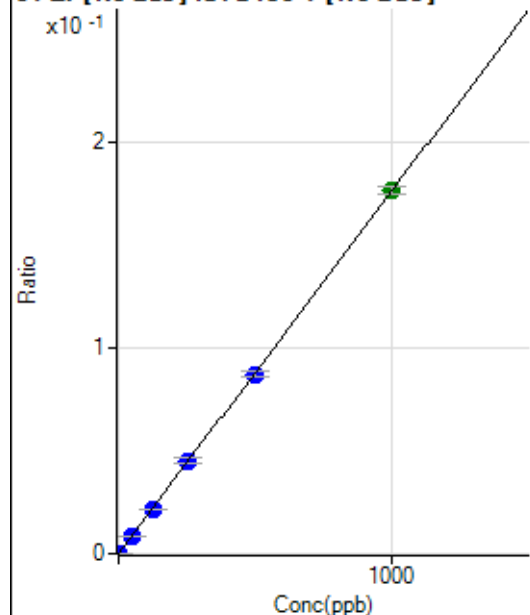
$$y = 7.8729E-004 * x + 3.9702E-005$$

$$R = 0.9999$$

$$DL = 0.02655$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	75.00	0.0000	P	52.8
2	☐	1.000	0.835	1758.50	0.0002	P	11.5
3	☐	50.000	48.832	98490.22	0.0086	P	3.1
4	☐	125.000	123.128	247413.85	0.0217	P	1.2
5	☐	250.000	256.848	497042.49	0.0453	P	4.7
6	☐	500.000	493.957	985061.16	0.0872	P	3.2
7	☐	1000.000	1001.602	2046209.36	0.1767	A	2.1
8	☐			491.69	0.0000	P	9.5

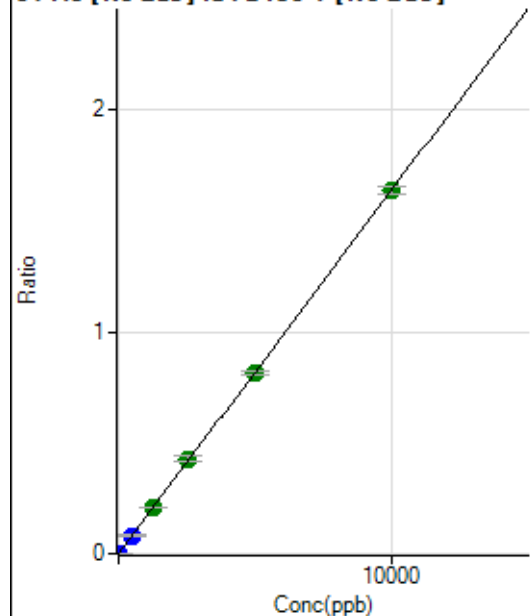
$$y = 1.7642\text{E-}004 * x + 6.7326\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.06049$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	141.67	0.0000	P	14.0
2	☐	5.000	5.395	10259.64	0.0009	P	1.8
3	☐	500.000	497.805	931802.82	0.0815	P	2.1
4	☐	1250.000	1252.936	2336471.65	0.2052	A	0.3
5	☐	2500.000	2603.276	4674090.30	0.4263	A	5.9
6	☐	5000.000	4984.260	9227391.26	0.8163	A	2.2
7	☐	10000.000	9981.794	18928439.66	1.6347	A	2.2
8	☐			3906.23	0.0003	P	21.8

$$y = 1.6377\text{E-}004 * x + 1.2615\text{E-}005$$

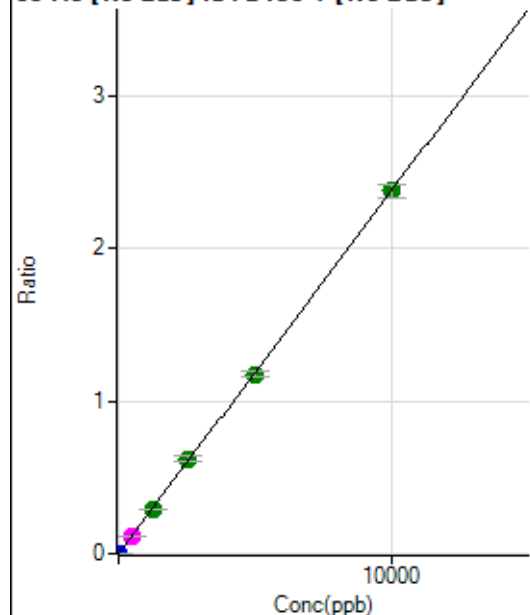
$$R = 0.9999$$

$$DL = 0.03238$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	30.56	0.0000	P	104.9
2	☐	5.000	4.472	12202.96	0.0011	P	2.3
3	☐	500.000	497.458	1351724.78	0.1183	M	1.8
4	☐	1250.000	1236.076	3346290.63	0.2939	A	0.2
5	☐	2500.000	2618.424	6821895.73	0.6226	A	7.3
6	☐	5000.000	4952.283	13308368.61	1.1775	A	3.1
7	☐	10000.000	9996.120	27517137.42	2.3767	A	4.0
8	☐			5315.36	0.0005	P	15.1

$$y = 2.3776E-004 * x + 2.7589E-006$$

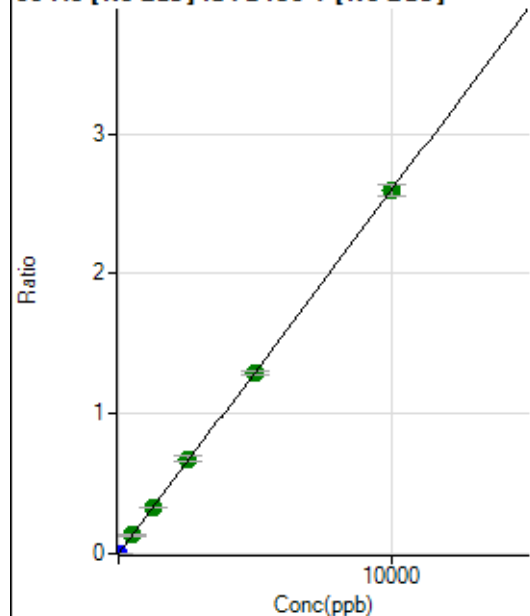
$$R = 0.9999$$

$$DL = 0.03652$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	83.34	0.0000	P	1.9
2	☐	5.000	4.790	14313.33	0.0013	P	4.5
3	☐	500.000	504.274	1496402.44	0.1309	A	0.7
4	☐	1250.000	1262.445	3732364.58	0.3278	A	1.2
5	☐	2500.000	2611.972	7437372.30	0.6782	A	4.9
6	☐	5000.000	4979.878	14616603.97	1.2930	A	1.9
7	☐	10000.000	9980.299	30003827.75	2.5914	A	3.3
8	☐			10710.04	0.0010	P	13.2

$$y = 2.5965E-004 * x + 7.4328E-006$$

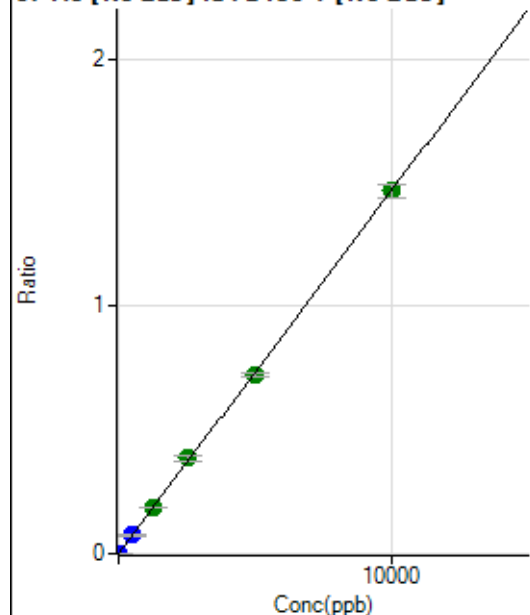
$$R = 0.9999$$

$$DL = 0.001645$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	5.55	0.0000	P	86.6
2	☐	5.000	4.500	7557.80	0.0007	P	4.5
3	☐	500.000	505.560	847423.39	0.0742	P	1.8
4	☐	1250.000	1271.770	2124388.02	0.1866	A	1.2
5	☐	2500.000	2629.707	4230772.10	0.3858	A	5.2
6	☐	5000.000	4943.947	8199402.01	0.7253	A	2.0
7	☐	10000.000	9992.601	16973762.36	1.4660	A	3.4
8	☐			3269.93	0.0003	P	19.4

$$y = 1.4671E-004 * x + 4.9901E-007$$

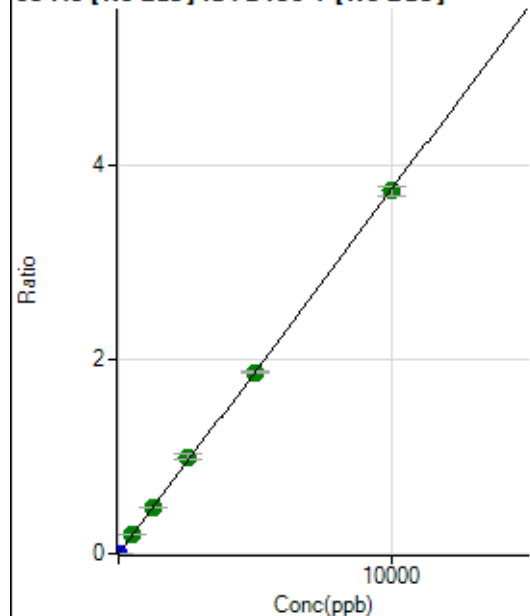
$$R = 0.9999$$

$$DL = 0.00884$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	36.11	0.0000	P	15.3
2	☐	5.000	4.606	19761.83	0.0017	P	5.8
3	☐	500.000	509.204	2178105.58	0.1906	A	2.4
4	☐	1250.000	1262.049	5379130.89	0.4724	A	2.5
5	☐	2500.000	2661.622	10920437.39	0.9963	A	6.4
6	☐	5000.000	4984.780	21096061.23	1.8660	A	0.8
7	☐	10000.000	9965.238	43194388.47	3.7303	A	2.4
8	☐			8011.03	0.0007	P	19.4

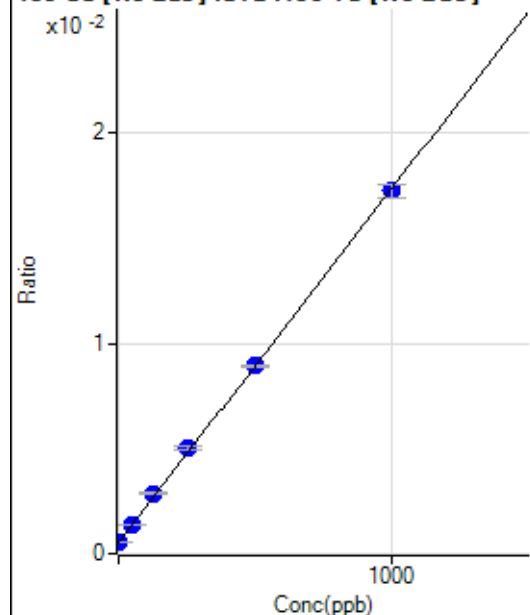
$$y = 3.7433E-004 * x + 3.2259E-006$$

$$R = 0.9999$$

$$DL = 0.003962$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	4323.03	0.0005	P	1.2
2	☐	1.000	2.080	4845.43	0.0006	P	1.4
3	☐	50.000	50.717	11916.61	0.0014	P	3.6
4	☐	125.000	138.152	24077.19	0.0029	P	3.3
5	☐	250.000	266.236	42480.10	0.0050	P	4.0
6	☐	500.000	499.602	77155.79	0.0089	P	1.7
7	☐	1000.000	994.459	150016.15	0.0172	P	3.4
8	☐			4236.87	0.0005	P	7.0

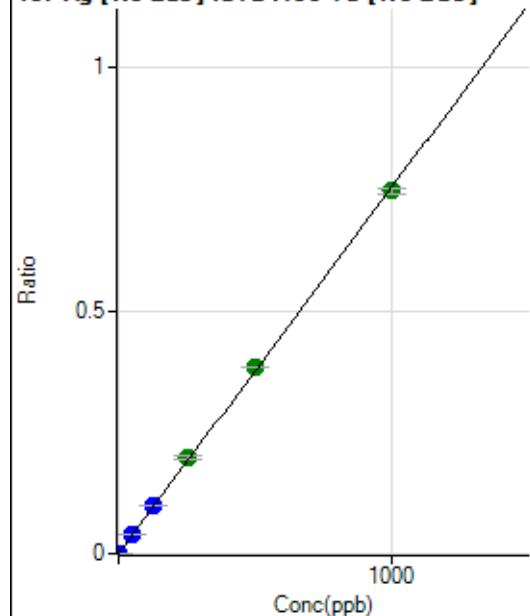
$$y = 1.6808\text{E-}005 * x + 5.3097\text{E-}004$$

$$R = 0.9998$$

$$DL = 1.156$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	316.68	0.0000	P	25.3
2	☐	1.000	0.989	6696.24	0.0008	P	6.6
3	☐	50.000	51.565	334593.99	0.0389	P	0.5
4	☐	125.000	130.067	826487.95	0.0979	P	0.7
5	☐	250.000	263.937	1685792.08	0.1987	A	4.9
6	☐	500.000	509.322	3313394.21	0.3834	A	0.8
7	☐	1000.000	991.143	6490940.73	0.7461	A	1.8
8	☐			2586.42	0.0003	P	11.7

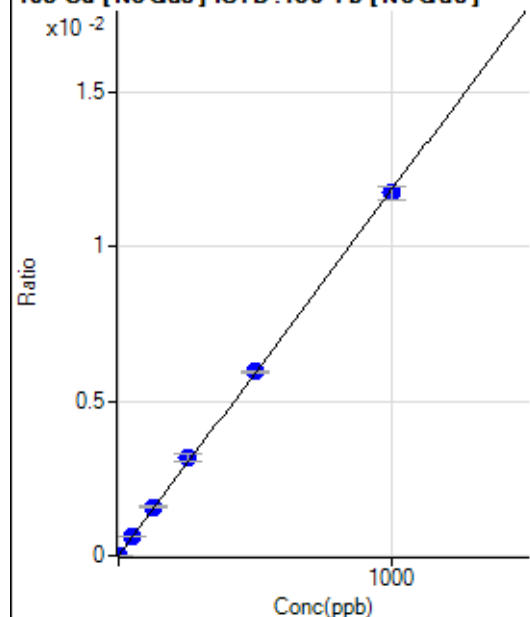
$$y = 7.5276\text{E-}004 * x + 3.8919\text{E-}005$$

$$R = 0.9998$$

$$DL = 0.0392$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	23.61	0.0000	P	45.3
2	☐	1.000	1.149	140.28	0.0000	P	18.4
3	☐	50.000	52.824	5403.92	0.0006	P	1.2
4	☐	125.000	133.376	13332.99	0.0016	P	1.6
5	☐	250.000	268.324	26930.66	0.0032	P	6.3
6	☐	500.000	503.417	51459.68	0.0060	P	1.0
7	☐	1000.000	992.522	102111.36	0.0117	P	3.8
8	☐			70.83	0.0000	P	11.0

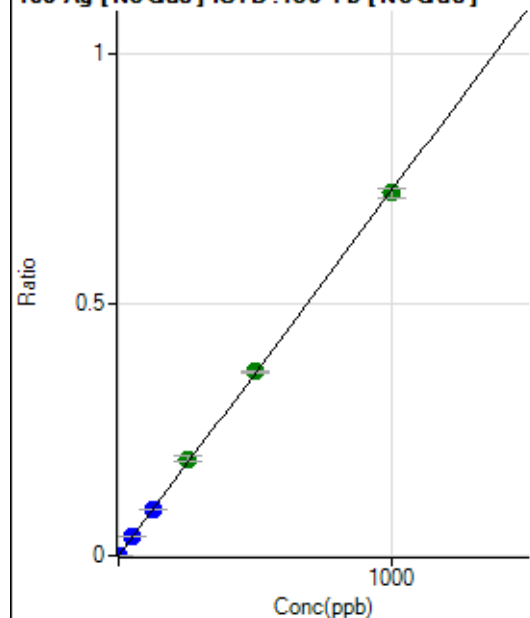
$$y = 1.1825E-005 * x + 2.9085E-006$$

$$R = 0.9998$$

$$DL = 0.3341$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	166.67	0.0000	P	36.3
2	☐	1.000	0.989	6312.74	0.0007	P	7.7
3	☐	50.000	51.682	323684.14	0.0376	P	0.2
4	☐	125.000	127.799	784017.50	0.0929	P	0.5
5	☐	250.000	264.481	1630062.40	0.1923	A	6.8
6	☐	500.000	503.833	3164352.16	0.3662	A	1.5
7	☐	1000.000	994.029	6285306.48	0.7226	A	2.9
8	☐			2375.27	0.0003	P	2.3

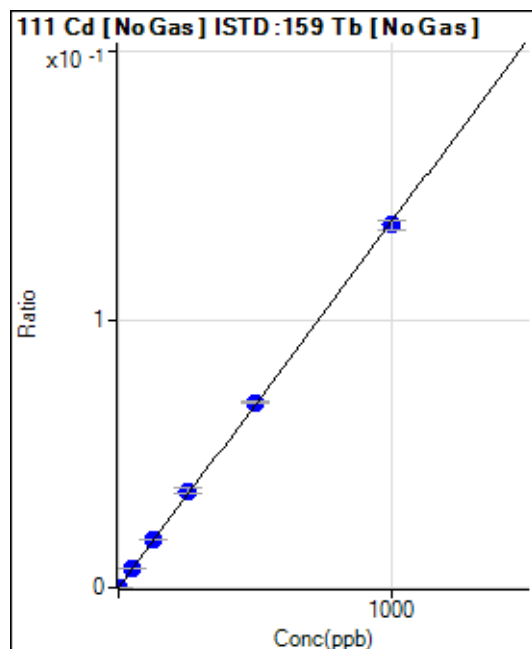
$$y = 7.2688E-004 * x + 2.0496E-005$$

$$R = 0.9999$$

$$DL = 0.03069$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	418.55	0.0001	P	2.3
2	☐	1.000	1.081	1698.93	0.0002	P	7.7
3	☐	50.000	53.589	63444.64	0.0074	P	0.9
4	☐	125.000	133.150	153821.95	0.0182	P	0.8
5	☐	250.000	264.562	306734.22	0.0362	P	5.9
6	☐	500.000	506.719	598188.18	0.0692	P	0.6
7	☐	1000.000	991.802	1178252.28	0.1355	P	3.0
8	☐			774.12	0.0001	P	6.7

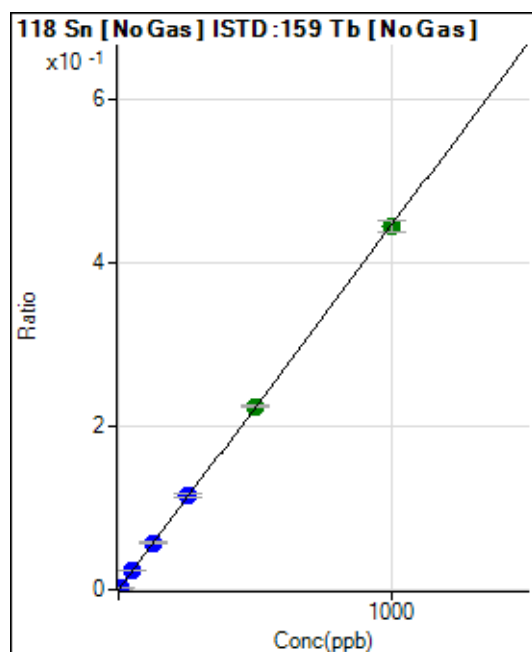
$$y = 1.3652\text{E-}004 * x + 5.1401\text{E-}005$$

$$R = 0.9998$$

$$DL = 0.02634$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	377.79	0.0000	P	7.4
2	☐	5.000	4.992	19414.36	0.0023	P	7.0
3	☐	50.000	51.568	198474.12	0.0230	P	1.7
4	☐	125.000	128.657	484593.52	0.0574	P	1.2
5	☐	250.000	259.001	980651.06	0.1156	P	4.4
6	☐	500.000	503.452	1940668.69	0.2246	A	1.8
7	☐	1000.000	995.488	3862594.49	0.4441	A	3.3
8	☐			6070.94	0.0007	P	3.2

$$y = 4.4603\text{E-}004 * x + 4.6380\text{E-}005$$

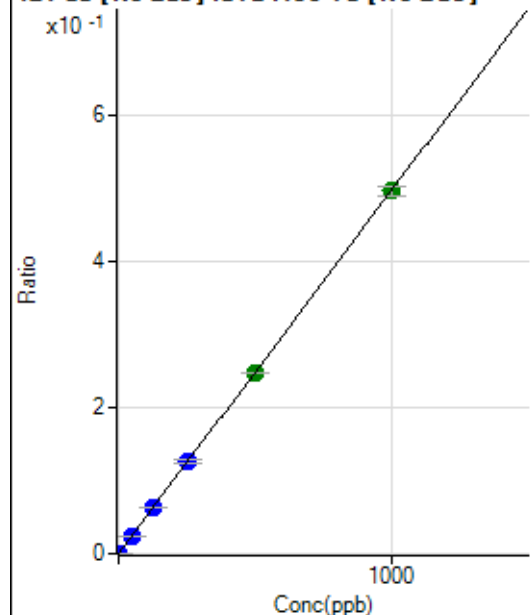
$$R = 0.9999$$

$$DL = 0.02311$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	13.89	0.0000	P	124.2
2	☐	2.000	1.912	8144.32	0.0010	P	6.5
3	☐	50.000	49.865	213750.39	0.0248	P	1.6
4	☐	125.000	127.265	534487.76	0.0633	P	0.8
5	☐	250.000	255.379	1078189.02	0.1271	P	5.2
6	☐	500.000	498.875	2145578.61	0.2483	A	0.3
7	☐	1000.000	998.941	4324809.52	0.4972	A	2.9
8	☐			2350.26	0.0003	P	5.7

$$y = 4.9771E-004 * x + 1.6986E-006$$

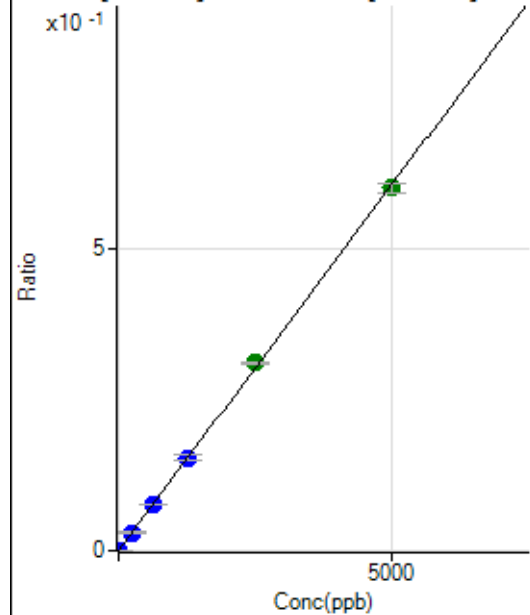
$$R = 1.0000$$

$$DL = 0.01272$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	19.44	0.0000	P	89.1
2	☐	10.000	9.313	9692.58	0.0011	P	4.4
3	☐	250.000	246.702	257996.04	0.0300	P	2.7
4	☐	625.000	625.815	641313.53	0.0760	P	0.6
5	☐	1250.000	1270.009	1307588.88	0.1542	P	6.9
6	☐	2500.000	2567.076	2693852.30	0.3118	A	1.5
7	☐	5000.000	4961.524	5241271.82	0.6025	A	2.9
8	☐			2911.50	0.0003	P	5.8

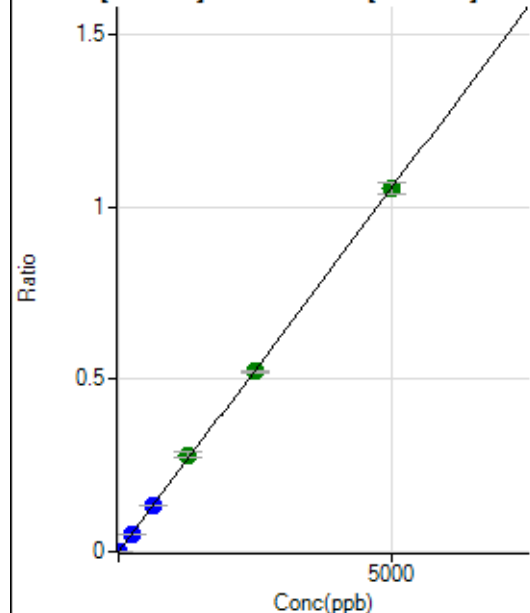
$$y = 1.2144E-004 * x + 2.3731E-006$$

$$R = 0.9999$$

$$DL = 0.05225$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	41.67	0.0000	P	52.2
2	☐	10.000	9.340	16852.64	0.0020	P	6.6
3	☐	250.000	248.898	451458.54	0.0524	P	1.8
4	☐	625.000	638.103	1134169.90	0.1344	P	1.6
5	☐	1250.000	1324.937	2366482.82	0.2791	A	6.2
6	☐	2500.000	2478.373	4510718.85	0.5220	A	1.0
7	☐	5000.000	4990.498	9143804.89	1.0512	A	3.1
8	☐			4923.26	0.0006	P	7.5

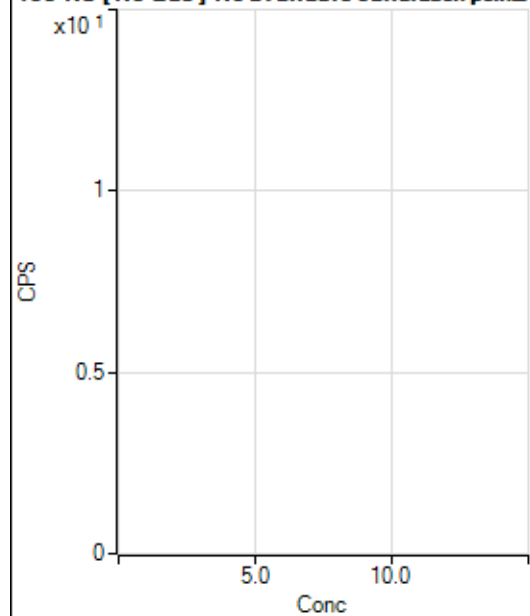
$$y = 2.1064E-004 * x + 5.1085E-006$$

$$R = 0.9999$$

$$DL = 0.03796$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			6.67		P	173.2
2	☐			8.89		P	173.2
3	☐			55.56		P	50.0
4	☐			102.23		P	10.0
5	☐			233.34		P	17.1
6	☐			411.13		P	7.7
7	☐			660.03		P	13.6
8	☐			42.22		P	24.1

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			0.00		P	
2	☐			2.22		P	173.2
3	☐			6.67		P	100.0
4	☐			12.22		P	41.7
5	☐			16.67		P	40.0
6	☐			20.00		P	16.7
7	☐			45.56		P	25.7
8	☐			23.33		P	14.3

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			8.33		P	173.2
2	☐			16.67		P	NaN
3	☐			11.11		P	114.6
4	☐			58.33		P	62.3
5	☐			86.12		P	5.6
6	☐			136.12		P	25.5
7	☐			361.13		P	21.3
8	☐			1019.52		P	11.9

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			1.11		P	173.2
2	☐			1.11		P	173.2
3	☐			3.33		P	100.1
4	☐			20.00		P	16.7
5	☐			50.00		P	6.7
6	☐			78.89		P	24.8
7	☐			166.67		P	14.4
8	☐			490.02		P	6.6

160 Gd [No Gas] Noavailable calibration poin_

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			50.00		P	28.9
2	☐			52.78		P	39.7
3	☐			61.11		P	20.8
4	☐			108.34		P	20.3
5	☐			100.00		P	0.0
6	☐			177.78		P	10.8
7	☐			294.46		P	11.4
8	☐			1075.07		P	4.3

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			126.67		P	27.5
2	☐			102.22		P	15.1
3	☐			146.67		P	18.0
4	☐			142.23		P	13.3
5	☐			166.67		P	10.6
6	☐			190.00		P	12.6
7	☐			265.56		P	11.7
8	☐			653.36		P	5.7

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			58.33		P	28.6
2	☐			61.11		P	28.4
3	☐			41.67		P	60.0
4	☐			52.78		P	9.1
5	☐			58.34		P	37.8
6	☐			80.56		P	15.8
7	☐			113.89		P	23.5
8	☐			91.67		P	15.7

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			27.78		P	18.3
2	☐			30.00		P	38.5
3	☐			28.89		P	46.6
4	☐			28.89		P	35.2
5	☐			32.22		P	21.5
6	☐			42.22		P	12.1
7	☐			55.55		P	19.3
8	☐			34.44		P	29.6

172 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			30.56		P	41.7
2	☐			61.11		P	7.9
3	☐			41.67		P	20.0
4	☐			44.45		P	10.8
5	☐			58.34		P	28.6
6	☐			116.67		P	7.1
7	☐			133.34		P	34.8
8	☐			408.35		P	16.2

172 Yb [He] No available calibration points

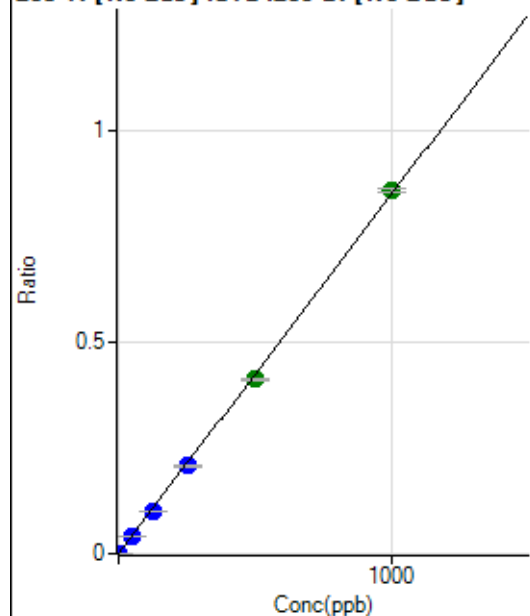
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			29.63		P	10.8
2	☐			31.48		P	53.9
3	☐			29.63		P	28.6
4	☐			35.19		P	50.8
5	☐			38.89		P	14.3
6	☐			62.96		P	35.7
7	☐			92.59		P	18.3
8	☐			237.04		P	4.9

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			1514.02		P	3.7
2	☐			1594.59		P	4.9
3	☐			2380.84		P	3.9
4	☐			3697.86		P	5.6
5	☐			6059.90		P	0.7
6	☐			10304.31		P	4.7
7	☐			19108.72		P	2.7
8	☐			1644.60		P	10.2

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			8971.72		P	2.3
2	☐			9157.03		P	2.0
3	☐			9546.22		P	4.3
4	☐			10248.62		P	2.6
5	☐			11421.78		P	0.3
6	☐			13718.51		P	7.7
7	☐			18346.32		P	1.5
8	☐			9844.60		P	5.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	69.45	0.0000	P	27.2
2	☐	1.000	0.921	4200.82	0.0008	P	5.4
3	☐	50.000	46.944	212149.49	0.0399	P	0.9
4	☐	125.000	118.947	535111.00	0.1010	P	1.5
5	☐	250.000	245.615	1097269.47	0.2085	P	2.5
6	☐	500.000	484.900	2201044.51	0.4117	A	1.5
7	☐	1000.000	1009.556	4517904.14	0.8571	A	1.1
8	☐			850.06	0.0002	P	20.6

$$y = 8.4893E-004 * x + 1.3349E-005$$

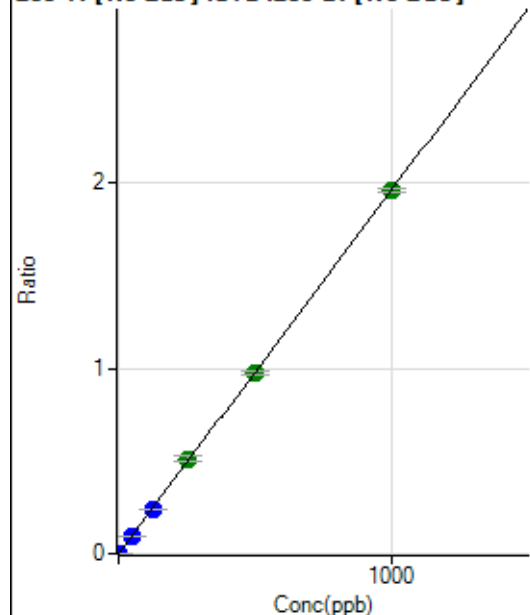
$$R = 0.9998$$

$$DL = 0.01285$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	208.34	0.0000	P	14.2
2	☐	1.000	0.942	9970.75	0.0019	P	1.9
3	☐	50.000	49.136	513306.12	0.0965	P	1.4
4	☐	125.000	122.385	1272677.38	0.2402	P	1.2
5	☐	250.000	261.143	2694111.65	0.5125	A	5.5
6	☐	500.000	499.172	5237230.20	0.9796	A	1.9
7	☐	1000.000	997.998	10322681.91	1.9584	A	1.2
8	☐			2083.56	0.0004	P	14.3

$$y = 0.0020 * x + 4.0065E-005$$

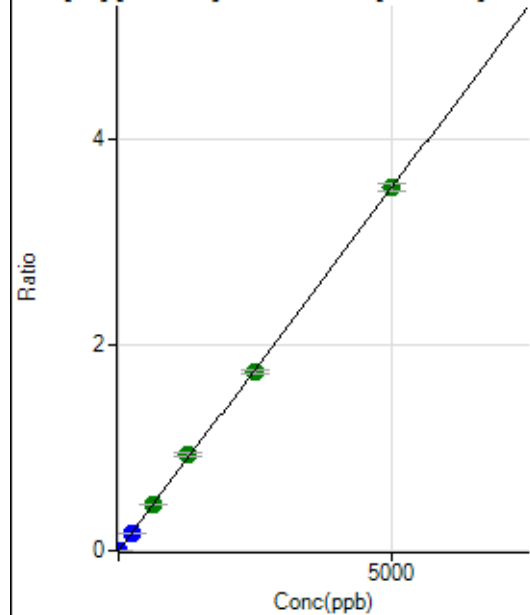
$$R = 0.9999$$

$$DL = 0.008694$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	550.02	0.0001	P	2.2
2	☐	1.000	0.870	3787.66	0.0007	P	4.4
3	☐	250.000	236.201	885195.55	0.1663	P	1.5
4	☐	625.000	642.911	2397956.42	0.4526	A	1.8
5	☐	1250.000	1312.294	4858447.04	0.9236	A	4.1
6	☐	2500.000	2464.510	9274469.30	1.7345	A	2.4
7	☐	5000.000	5000.622	18552111.30	3.5193	A	2.2
8	☐			4047.02	0.0008	P	2.5

$$y = 7.0375E-004 * x + 1.0580E-004$$

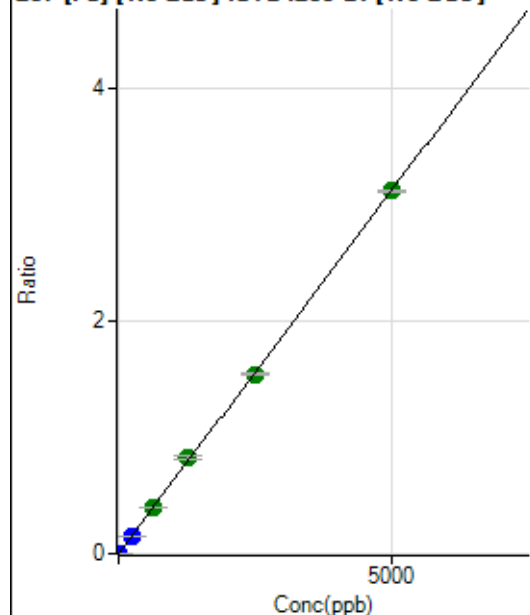
$$R = 0.9999$$

$$DL = 0.009803$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	394.46	0.0001	P	21.4
2	☐	1.000	0.937	3483.87	0.0007	P	2.8
3	☐	250.000	239.762	795610.13	0.1495	P	2.1
4	☐	625.000	637.601	2106527.45	0.3975	A	0.7
5	☐	1250.000	1314.867	4311252.29	0.8196	A	3.6
6	☐	2500.000	2471.003	8235095.73	1.5402	A	0.6
7	☐	5000.000	4997.218	16419145.86	3.1148	A	0.7
8	☐			3774.69	0.0008	P	9.5

$$y = 6.2330E-004 * x + 7.5882E-005$$

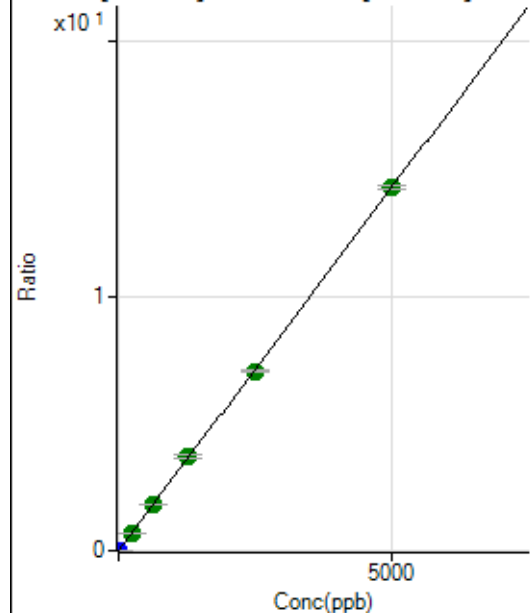
$$R = 0.9999$$

$$DL = 0.07816$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	2024.17	0.0004	P	10.3
2	☐	1.000	0.895	15507.60	0.0029	P	4.9
3	☐	250.000	244.459	3709750.34	0.6971	A	1.2
4	☐	625.000	636.544	9615099.49	1.8146	A	1.0
5	☐	1250.000	1305.517	19574192.86	3.7213	A	3.5
6	☐	2500.000	2473.675	37697631.22	7.0507	A	0.6
7	☐	5000.000	4998.118	75094505.74	14.2458	A	1.0
8	☐			16832.46	0.0035	P	7.5

$$y = 0.0029 * x + 3.8935E-004$$

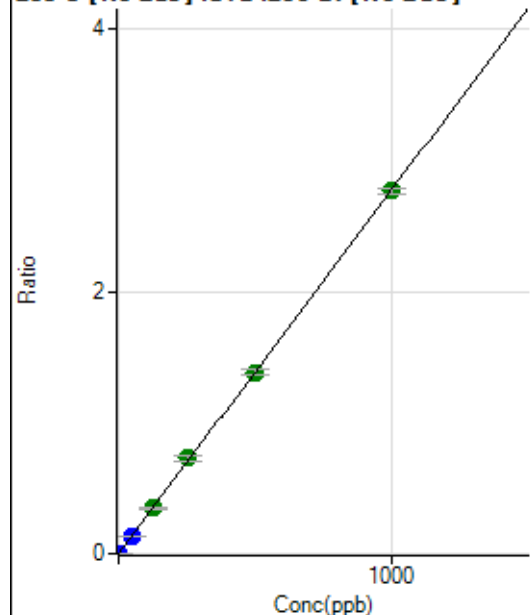
$$R = 0.9999$$

$$DL = 0.04211$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	27.78	0.0000	P	96.0
2	☐	1.000	0.907	13287.93	0.0025	P	4.4
3	☐	50.000	47.022	693303.35	0.1303	P	1.0
4	☐	125.000	124.745	1831215.73	0.3456	A	2.4
5	☐	250.000	261.844	3815103.69	0.7255	A	4.3
6	☐	500.000	498.815	7388487.06	1.3820	A	3.0
7	☐	1000.000	997.812	14573191.47	2.7645	A	1.6
8	☐			1175.10	0.0002	P	20.7

$$y = 0.0028 * x + 5.3303E-006$$

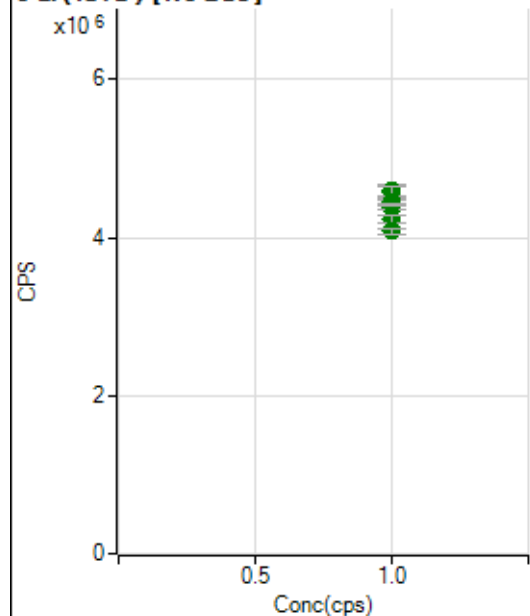
$$R = 0.9999$$

$$DL = 0.005543$$

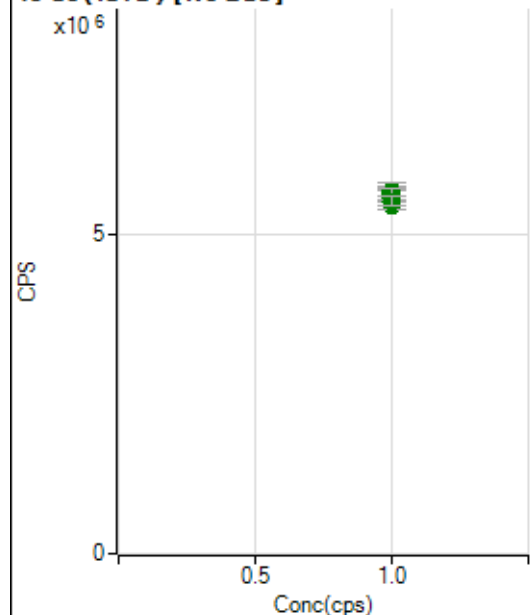
Weight: <None>

Min Conc: 0

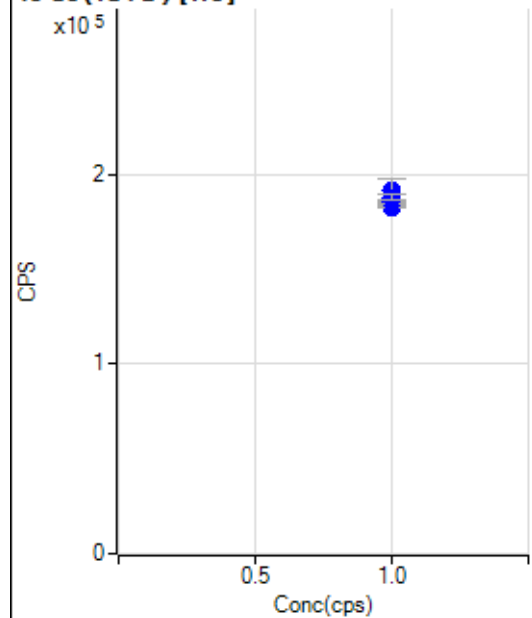
6 Li (ISTD) [No Gas]



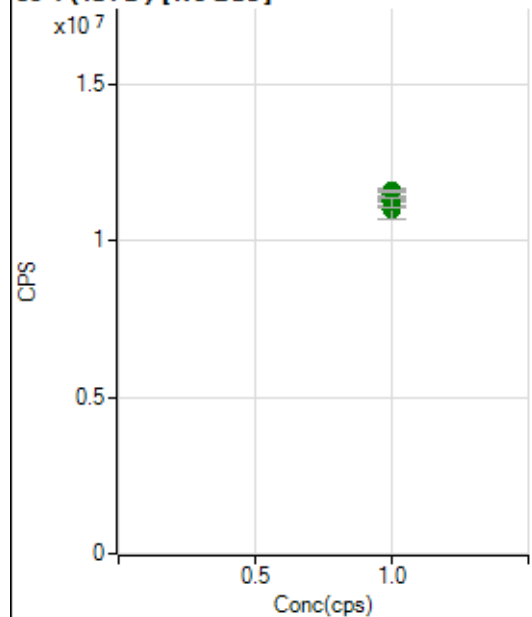
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		4494867.94		A	0.8
2	☐	1.000		4580258.83		A	3.9
3	☐	1.000		4591815.67		A	2.7
4	☐	1.000		4458055.25		A	1.4
5	☐	1.000		4388182.42		A	1.5
6	☐	1.000		4417695.14		A	0.8
7	☐	1.000		4239418.83		A	2.5
8	☐	1.000		4078225.33		A	1.5

45 Sc (ISTD) [No Gas]

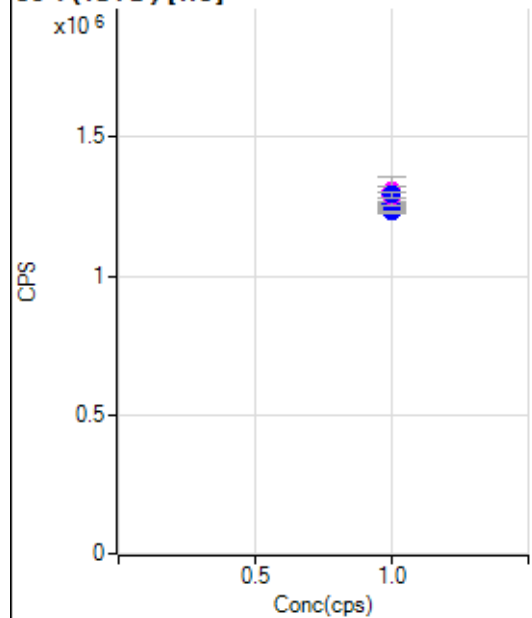
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		5633663.87		A	2.4
2	☐	1.000		5699402.63		A	4.5
3	☐	1.000		5642089.36		A	2.9
4	☐	1.000		5664105.19		A	3.4
5	☐	1.000		5458286.24		A	2.1
6	☐	1.000		5579967.07		A	1.6
7	☐	1.000		5685863.80		A	2.3
8	☐	1.000		5542948.39		A	2.3

45 Sc (ISTD) [He]

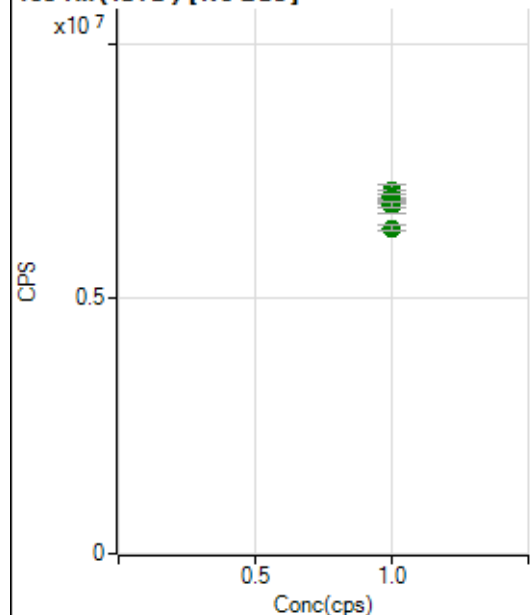
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		184280.72		P	1.0
2	☐	1.000		185135.10		P	0.4
3	☐	1.000		187006.02		P	2.3
4	☐	1.000		182862.22		P	0.7
5	☐	1.000		183304.95		P	0.5
6	☐	1.000		191301.26		P	6.3
7	☐	1.000		185714.78		P	1.3
8	☐	1.000		187709.45		P	1.5

89 Y (ISTD) [No Gas]

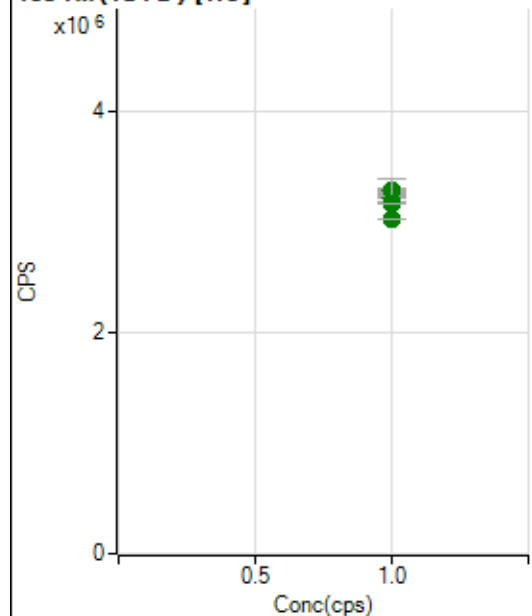
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		11215121.50		A	1.9
2	☐	1.000		11452918.02		A	4.1
3	☐	1.000		11428088.58		A	2.5
4	☐	1.000		11386175.94		A	0.1
5	☐	1.000		10985916.15		A	5.5
6	☐	1.000		11306780.94		A	1.8
7	☐	1.000		11580491.63		A	0.9
8	☐	1.000		11211547.19		A	2.6

89 Y (ISTD) [He]

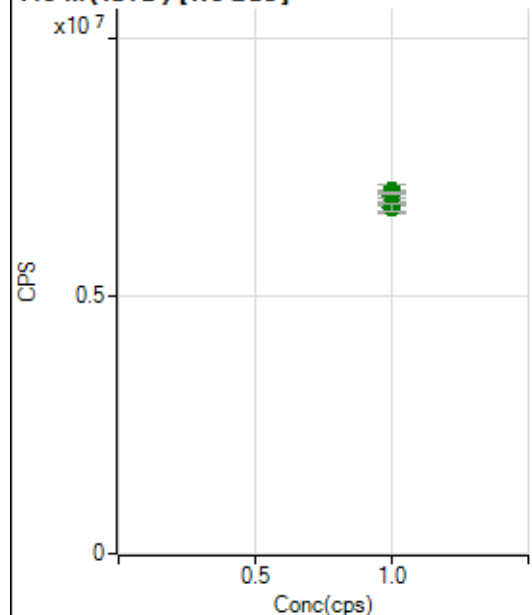
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		1229673.92		P	1.1
2	☐	1.000		1249705.42		P	1.3
3	☐	1.000		1257308.60		P	2.0
4	☐	1.000		1234348.56		P	1.2
5	☐	1.000		1229706.81		P	0.4
6	☐	1.000		1306621.62		M	8.0
7	☐	1.000		1287385.01		M	5.0
8	☐	1.000		1292877.75		P	1.5

103 Rh (ISTD) [No Gas]

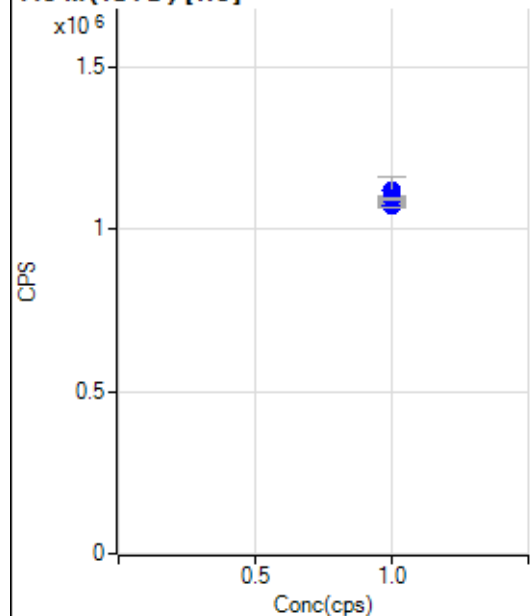
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		6923145.42		A	0.4
2	☐	1.000		7111698.03		A	3.9
3	☐	1.000		7026963.74		A	2.4
4	☐	1.000		6896878.37		A	0.9
5	☐	1.000		6825323.16		A	4.5
6	☐	1.000		6987335.14		A	1.5
7	☐	1.000		6856319.77		A	1.6
8	☐	1.000		6389054.39		A	1.6

103 Rh (ISTD) [He]

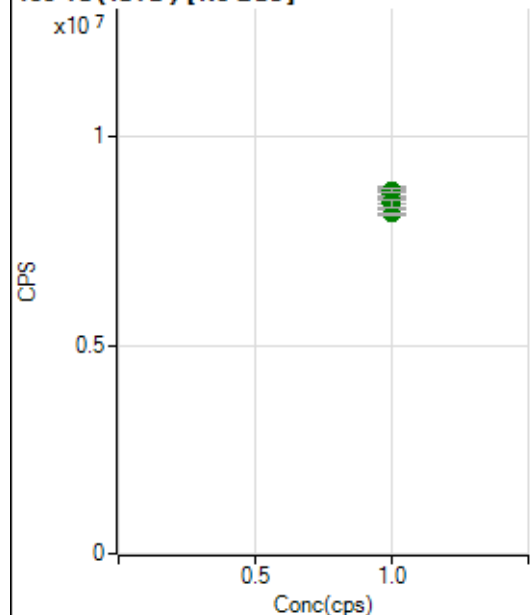
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		3280043.18		A	1.5
2	☐	1.000		3277616.10		A	1.2
3	☐	1.000		3251577.73		A	2.2
4	☐	1.000		3268712.97		A	0.4
5	☐	1.000		3216537.10		A	1.7
6	☐	1.000		3286635.85		A	6.4
7	☐	1.000		3164880.61		A	0.1
8	☐	1.000		3031059.89		A	0.3

115 In (ISTD) [No Gas]

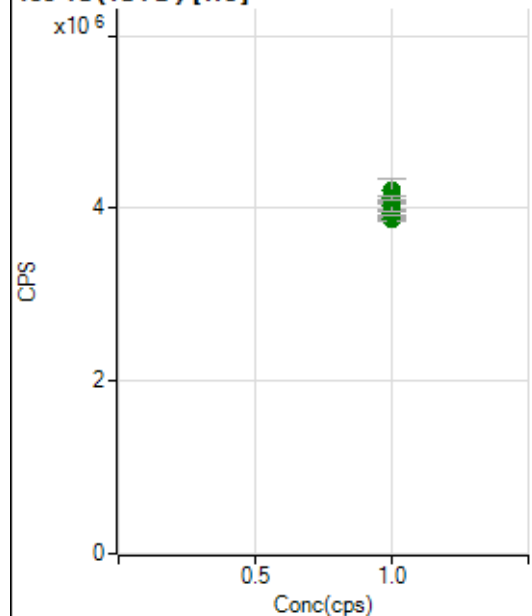
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		6816319.66		A	2.4
2	☐	1.000		7036816.60		A	3.9
3	☐	1.000		7034602.13		A	3.7
4	☐	1.000		7024033.32		A	0.6
5	☐	1.000		6731300.21		A	3.3
6	☐	1.000		6923311.01		A	1.0
7	☐	1.000		7009949.13		A	0.5
8	☐	1.000		6710325.76		A	2.0

115 In (ISTD) [He]

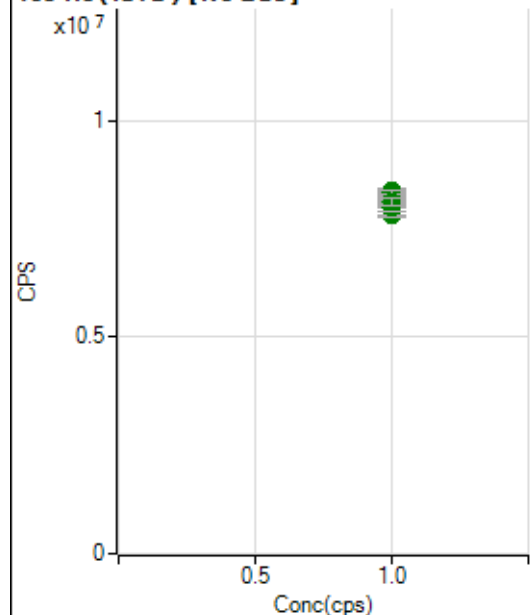
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		1076686.41		P	1.6
2	☐	1.000		1095246.03		P	1.7
3	☐	1.000		1094261.10		P	1.8
4	☐	1.000		1091285.62		P	0.9
5	☐	1.000		1078795.84		P	0.9
6	☐	1.000		1119485.75		P	7.4
7	☐	1.000		1076390.27		P	1.2
8	☐	1.000		1095986.17		P	0.8

159 Tb (ISTD) [No Gas]

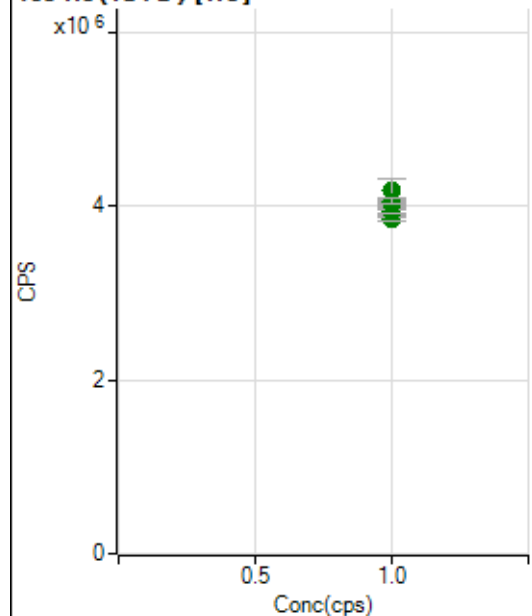
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		8141695.30		A	1.1
2	☐	1.000		8565904.18		A	5.9
3	☐	1.000		8611603.97		A	1.3
4	☐	1.000		8437931.26		A	0.6
5	☐	1.000		8498100.84		A	5.4
6	☐	1.000		8641002.72		A	1.3
7	☐	1.000		8700471.33		A	1.1
8	☐	1.000		8380687.10		A	2.1

159 Tb (ISTD) [He]

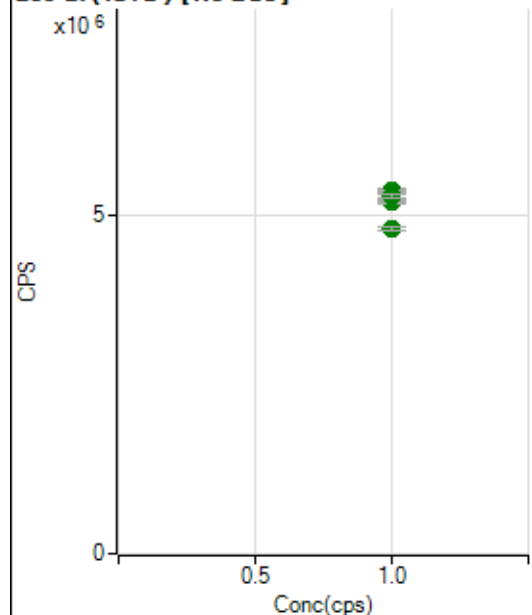
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		3869930.15		A	0.1
2	☐	1.000		3881317.27		A	1.1
3	☐	1.000		3949499.98		A	2.4
4	☐	1.000		3949664.21		A	1.2
5	☐	1.000		4074642.54		A	1.2
6	☐	1.000		4201251.05		A	6.5
7	☐	1.000		4027768.07		A	3.1
8	☐	1.000		4113566.71		A	0.9

165 Ho (ISTD) [No Gas]

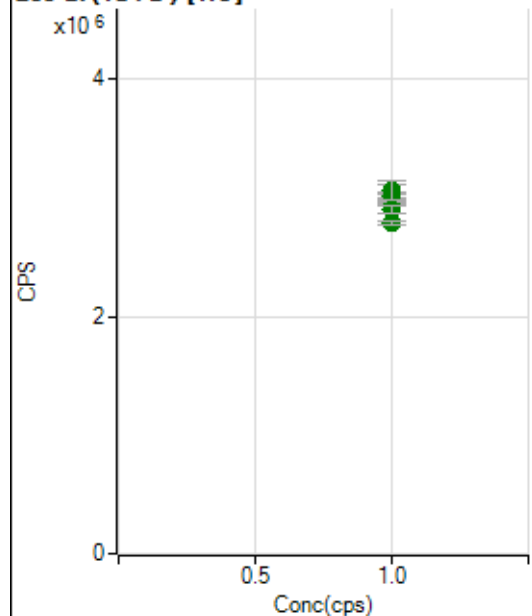
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		7802461.11		A	0.5
2	☐	1.000		8284639.86		A	3.4
3	☐	1.000		8121632.47		A	0.9
4	☐	1.000		8122217.28		A	3.1
5	☐	1.000		8014763.72		A	2.7
6	☐	1.000		8381397.58		A	1.2
7	☐	1.000		8361832.65		A	1.1
8	☐	1.000		8122639.33		A	2.2

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		3858509.73		A	0.9
2	☐	1.000		3943565.32		A	2.0
3	☐	1.000		3994737.79		A	0.3
4	☐	1.000		3951563.48		A	1.1
5	☐	1.000		4048828.86		A	1.3
6	☐	1.000		4178357.93		A	7.1
7	☐	1.000		4026508.97		A	1.4
8	☐	1.000		4059727.09		A	1.5

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		5198807.81		A	0.5
2	☐	1.000		5281911.41		A	4.1
3	☐	1.000		5321834.51		A	1.0
4	☐	1.000		5299254.05		A	1.9
5	☐	1.000		5264549.26		A	4.0
6	☐	1.000		5346695.27		A	0.5
7	☐	1.000		5270979.51		A	1.2
8	☐	1.000		4787980.03		A	0.8

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		2971458.81		A	1.3
2	☐	1.000		3015001.27		A	0.7
3	☐	1.000		3040586.62		A	4.0
4	☐	1.000		3018831.83		A	2.2
5	☐	1.000		2974474.64		A	0.3
6	☐	1.000		3056053.46		A	6.0
7	☐	1.000		2898592.42		A	2.3
8	☐	1.000		2782025.79		A	1.0

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\P8032423MS.b
Acq. Date-Time 2023-03-24 10:45:49
Report Comment ---
Instrument Name G8403A SG19224459

[No Gas]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
9		17820	178200.65			0.570	5.000
24		126050	1260495.29			1.345	5.000
25		16243	162427.78			0.935	5.000
26		18792	187920.16			0.577	5.000
59		87767	877672.72			1.157	5.000
113		7725	77254.55			0.619	5.000
115		102007	1020069.11			1.792	5.000
206		20720	207202.88			0.670	5.000
207		19115	191150.06			1.569	5.000
208		45304	453038.20			0.455	5.000
220		0	3.90			33.185	

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

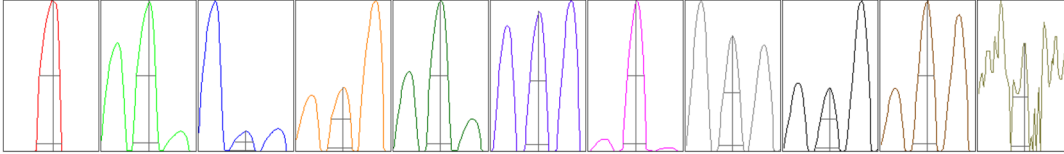
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	17982	17724	17780	17850	17764
24	126484	127100	127844	123511	125310
25	16434	16284	16150	16039	16307
26	18965	18688	18753	18825	18730
59	88814	87720	88517	87575	86209
113	7747	7774	7652	7749	7705
115	104859	100831	101854	102400	100091
206	20804	20817	20599	20840	20542
207	18976	19423	18716	19403	19057
208	45138	45464	45550	45066	45301

US EPA Tune Check Report

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
220	0	1	0	0	0

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	30022.62	9.10	8.90 - 9.10	
24	226313.97	24.05	23.90 - 24.10	
25	29018.57	25.00	24.90 - 25.10	
26	33155.50	26.00	25.90 - 26.10	
59	162354.86	59.00	58.90 - 59.10	
113	15660.25	113.05	112.90 - 113.10	
115	205705.67	115.05	114.90 - 115.10	
206	41539.10	206.00	205.90 - 206.10	
207	38375.52	207.00	206.90 - 207.10	
208	91449.21	208.00	207.90 - 208.10	
220	0.75	220.00	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.63	0.786	0.900	
24	0.60	0.819	0.900	
25	0.58	0.788	0.900	
26	0.61	0.782	0.900	
59	0.56	0.777	0.900	
113	0.51	0.734	0.900	
115	0.52	0.729	0.900	
206	0.51	0.779	0.900	
207	0.51	0.770	0.900	
208	0.50	0.766	0.900	
220	0.50	0.590		

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode --- Nebulizer Gas 0.87 L/min Dilution Gas 0.40 L/min

US EPA Tune Check Report

RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.40 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	10.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	-6.0 V	Omega Lens	11.4 V	Deflect	15.2 V
Extract 2	-210.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-110 V	Cell Exit	-50 V		

Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	4.0 V
He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	---	OctP RF	140 V		

QP Parameters

Mass Gain	124	Axis Gain	0.9990	QP Bias	-4.0 V
Mass Offset	124	Axis Offset	0.02		

Hardware Settings

Torch

Torch H	1.4 mm	Torch V	-1.0 mm
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EM

Discriminator	4.6 mV	Analog HV	2317 V	Pulse HV	1730 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		18305	183045.56			0.339	
89		20323	203231.17			0.378	
205		15483	154830.81			1.320	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	18235	18361	18275	18273	18379
89	20411	20275	20290	20241	20399
205	15584	15553	15252	15293	15733

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	---	Nebulizer Gas	0.87 L/min	Dilution Gas	0.40 L/min
RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.40 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	10.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	-6.0 V	Omega Lens	11.4 V	Deflect	4.4 V
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US EPA Tune Check Report

Extract 2	-210.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-110 V	Cell Exit	-70 V		
Cell Parameters					
Use Gas	Yes	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	4.5 mL/min	OctP Bias	-18.0 V		
H2 Flow	---	OctP RF	200 V		
QP Parameters					
Mass Gain	124	Axis Gain	0.9990	QP Bias	-13.0 V
Mass Offset	124	Axis Offset	0.02		
Hardware Settings					
Torch					
Torch H	1.4 mm	Torch V	-1.0 mm		
EM					
Discriminator	4.6 mV	Analog HV	2317 V	Pulse HV	1730 V

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P8
Client Sample ID :	TUNE	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 10:48:46	DataFile Name :	001SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2						ppb
Antimony	121-1						ppb
Arsenic	75-2						ppb
Barium	135-1						ppb
Barium	137-1						ppb
Beryllium	9-1						ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Boron	10-1						ppb
Boron	11-1						ppb
Bromine	81-1						cps
Cadmium	111-1						ppb
Cadmium	106-1						ppb
Cadmium	108-1						ppb
Calcium	43-1						ppb
Calcium	44-1						ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2						ppb
Cobalt	59-2						ppb
Copper	63-2						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				100		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	54-2						ppb
Iron	56-2						ppb
Iron	57-2						ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P8
Client Sample ID :	TUNE	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 10:48:46	DataFile Name :	001SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1						ppb
Lead	207-1						ppb
Lead	208-1						ppb
Lithium	6-1				99		%
Magnesium	24-2						ppb
Manganese	55-2						ppb
Molybdenum	94-1						ppb
Molybdenum	95-1						ppb
Molybdenum	96-1						ppb
Molybdenum	97-1						ppb
Molybdenum	98-1						ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2						ppb
Phosphorus	31-2						ppb
Potassium	39-2						ppb
Rhodium	103-1				101		%
Rhodium	103-2				97		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	82-1						ppb
Selenium	77-2						ppb
Selenium	78-2						ppb
Silicon	28-1						ppb
Silver	107-1						ppb
Silver	109-1						ppb
Sodium	23-2						ppb
Strontium	86-1						ppb
Strontium	88-1						ppb
Sulfur	34-1						ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1						ppb
Thallium	205-1						ppb
Tin	118-1						ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P8
Client Sample ID :	TUNE	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 10:48:46	DataFile Name :	001SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1						ppb
Uranium	238-1						ppb
Vanadium	51-2						ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2						ppb
Zirconium	90-1						ppb
Zirconium	91-1						ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 12:05:36	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.06	-0.27	0.21	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.00	-0.02	0.02	0.00	N/A	ppb
Barium	135-1	0.01	0.01	-0.02	0.00	N/A	ppb
Barium	137-1	0.01	-0.01	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.04	0.01	0.03	0.00	N/A	ppb
Boron	11-1	-0.05	0.01	0.04	0.00	N/A	ppb
Bromine	81-1						cps
Cadmium	111-1	0.01	0.00	-0.01	0.00	N/A	ppb
Cadmium	106-1	0.37	-0.40	0.04	0.00	N/A	ppb
Cadmium	108-1	-0.12	0.01	0.10	0.00	N/A	ppb
Calcium	43-1	0.41	-0.51	0.10	0.00	N/A	ppb
Calcium	44-1	-0.69	0.69	0.00	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	0.01	0.00	0.00	N/A	ppb
Cobalt	59-2	0.01	-0.01	-0.01	0.00	N/A	ppb
Copper	63-2	0.01	0.00	-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	54-2	0.82	-1.51	0.69	0.00	N/A	ppb
Iron	56-2	0.02	-0.06	0.04	0.00	N/A	ppb
Iron	57-2	-0.09	0.02	0.07	0.00	N/A	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 12:05:36	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	207-1	0.01	0.02	-0.03	0.00	N/A	ppb
Lead	208-1	0.01	0.01	-0.02	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.21	-0.52	0.32	0.00	N/A	ppb
Manganese	55-2	0.00	0.01	-0.01	0.00	N/A	ppb
Molybdenum	94-1	-0.01	0.01	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.01	-0.01	-0.01	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	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	0.02	0.00	N/A	ppb
Phosphorus	31-2	-9.28	-12.91	-1.10	-7.77		ppb
Potassium	39-2	1.57	-7.34	5.77	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.21	-0.45	0.24	0.00	N/A	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.59	0.28	0.31	0.00	N/A	ppb
Silicon	28-1	-0.50	0.54	-0.04	0.00	N/A	ppb
Silver	107-1	-0.01	0.01	0.00	0.00	N/A	ppb
Silver	109-1	-0.01	0.01	0.00	0.00	N/A	ppb
Sodium	23-2	1.98	-1.80	-0.18	0.00	N/A	ppb
Strontium	86-1	0.14	-0.08	-0.06	0.00	N/A	ppb
Strontium	88-1	0.03	-0.02	-0.02	0.00	N/A	ppb
Sulfur	34-1	-413.42	298.34	-13.70	-42.93		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	0.00	0.01	-0.01	0.00	N/A	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 12:05:36	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.01	-0.02	0.01	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.08	-0.03	-0.04	0.00	N/A	ppb
Zirconium	90-1	0.01	0.00	-0.01	0.00	N/A	ppb
Zirconium	91-1	0.02	-0.02	0.00	0.00	N/A	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 12:11:41	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.36	21.24	19.70	20.10	4.98	ppb
Antimony	121-1	2.02	1.77	1.95	1.91	6.55	ppb
Arsenic	75-2	1.06	0.97	1.07	1.03	5.41	ppb
Barium	135-1	9.47	8.85	9.62	9.31	4.37	ppb
Barium	137-1	9.59	8.64	9.80	9.34	6.62	ppb
Beryllium	9-1	1.07	1.04	1.09	1.06	2.24	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	10-1	11.55	11.85	13.18	12.20	7.11	ppb
Boron	11-1	12.18	12.58	13.98	12.91	7.33	ppb
Bromine	81-1						cps
Cadmium	111-1	1.16	0.95	1.13	1.08	10.38	ppb
Cadmium	106-1	2.09	1.59	2.56	2.08	23.43	ppb
Cadmium	108-1	1.38	0.87	1.20	1.15	22.35	ppb
Calcium	43-1	524.00	487.02	508.09	506.37	3.66	ppb
Calcium	44-1	504.76	476.05	509.63	496.81	3.65	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.82	1.71	1.72	1.75	3.39	ppb
Cobalt	59-2	0.94	0.96	0.94	0.95	1.41	ppb
Copper	63-2	1.99	1.90	1.97	1.95	2.38	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				106		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	54-2	51.98	50.51	46.01	49.50	6.28	ppb
Iron	56-2	50.18	50.21	48.23	49.54	2.29	ppb
Iron	57-2	53.56	52.88	53.10	53.18	0.65	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 12:11:41	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.92	0.83	0.87	0.87	5.21	ppb
Lead	207-1	0.96	0.90	0.95	0.94	3.13	ppb
Lead	208-1	0.93	0.84	0.92	0.89	5.69	ppb
Lithium	6-1				102		%
Magnesium	24-2	518.26	504.97	500.33	507.85	1.83	ppb
Manganese	55-2	1.08	1.12	1.06	1.08	2.77	ppb
Molybdenum	94-1	5.51	5.33	5.35	5.40	1.81	ppb
Molybdenum	95-1	4.59	4.42	4.41	4.47	2.27	ppb
Molybdenum	96-1	5.03	4.62	4.71	4.79	4.51	ppb
Molybdenum	97-1	4.68	4.28	4.54	4.50	4.47	ppb
Molybdenum	98-1	4.62	4.33	4.87	4.61	5.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.03	1.05	0.97	1.02	3.99	ppb
Phosphorus	31-2	-1.33	15.29	9.33	7.77	108.39	ppb
Potassium	39-2	493.51	457.30	450.46	467.09	4.95	ppb
Rhodium	103-1				103		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	82-1	5.30	4.55	5.38	5.07	8.95	ppb
Selenium	77-2	4.72	8.71	4.77	6.07	37.77	ppb
Selenium	78-2	5.75	4.38	5.02	5.05	13.61	ppb
Silicon	28-1	1.90	0.39	1.27	1.19	64.07	ppb
Silver	107-1	1.03	0.91	1.03	0.99	6.90	ppb
Silver	109-1	1.03	0.90	1.03	0.99	7.92	ppb
Sodium	23-2	540.92	526.05	526.96	531.31	1.57	ppb
Strontium	86-1	1.05	0.97	0.81	0.94	12.45	ppb
Strontium	88-1	1.01	0.91	0.91	0.94	6.27	ppb
Sulfur	34-1	335.61	-786.99	580.16	42.93	1698.30	ppb
Terbium	159-1				105		%
Terbium	159-2				100		%
Thallium	203-1	0.88	0.91	0.98	0.92	5.51	ppb
Thallium	205-1	0.93	0.93	0.96	0.94	1.98	ppb
Tin	118-1	5.19	4.58	5.21	4.99	7.20	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 12:11:41	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.83	4.78	4.73	4.78	1.01	ppb
Uranium	238-1	0.93	0.86	0.93	0.91	4.40	ppb
Vanadium	51-2	4.95	4.51	4.58	4.68	5.13	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	2.46	2.21	2.48	2.38	6.32	ppb
Zirconium	90-1	0.94	0.89	0.89	0.91	2.68	ppb
Zirconium	91-1	0.89	0.72	0.90	0.83	12.01	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 12:14:43	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1115.57	1094.74	1026.62	1078.98	4.31	ppb
Antimony	121-1	49.85	50.69	49.05	49.86	1.64	ppb
Arsenic	75-2	51.98	51.51	48.67	50.72	3.53	ppb
Barium	135-1	252.51	247.99	239.61	246.70	2.65	ppb
Barium	137-1	253.69	245.16	247.85	248.90	1.75	ppb
Beryllium	9-1	51.23	52.58	50.41	51.41	2.14	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Boron	10-1	42.74	46.77	46.62	45.37	5.04	ppb
Boron	11-1	43.87	49.53	50.04	47.82	7.16	ppb
Bromine	81-1						cps
Cadmium	111-1	53.50	53.15	54.11	53.59	0.91	ppb
Cadmium	106-1	47.40	51.72	53.03	50.72	5.81	ppb
Cadmium	108-1	53.43	52.92	52.12	52.82	1.25	ppb
Calcium	43-1	5837.39	5895.43	5677.91	5803.58	1.94	ppb
Calcium	44-1	5748.83	5744.35	5608.90	5700.69	1.39	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	49.25	48.01	46.02	47.76	3.42	ppb
Cobalt	59-2	49.68	49.56	46.19	48.48	4.09	ppb
Copper	63-2	515.41	500.15	470.96	495.51	4.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	54-2	2712.89	2693.33	2529.93	2645.38	3.80	ppb
Iron	56-2	2835.23	2712.95	2567.80	2705.33	4.95	ppb
Iron	57-2	2652.80	2632.24	2435.08	2573.37	4.67	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 12:14:43	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	232.55	236.42	239.64	236.20	1.50	ppb
Lead	207-1	241.88	234.03	243.38	239.76	2.09	ppb
Lead	208-1	245.03	241.18	247.17	244.46	1.24	ppb
Lithium	6-1				102		%
Magnesium	24-2	5620.33	5499.82	5253.98	5458.04	3.42	ppb
Manganese	55-2	499.83	478.09	455.79	477.90	4.61	ppb
Molybdenum	94-1	493.23	509.79	490.40	497.80	2.10	ppb
Molybdenum	95-1	492.56	507.79	492.02	497.46	1.80	ppb
Molybdenum	96-1	502.68	508.36	501.78	504.27	0.71	ppb
Molybdenum	97-1	509.87	511.65	495.16	505.56	1.79	ppb
Molybdenum	98-1	507.67	521.90	498.04	509.20	2.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.92	52.54	48.88	51.11	3.84	ppb
Phosphorus	31-2	1021.44	1074.24	941.52	1012.40	6.60	ppb
Potassium	39-2	2578.53	2558.75	2342.11	2493.13	5.26	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	82-1	54.65	53.01	51.42	53.03	3.04	ppb
Selenium	77-2	53.17	40.04	46.45	46.55	14.11	ppb
Selenium	78-2	56.88	50.49	50.16	52.51	7.21	ppb
Silicon	28-1	54.91	55.99	53.60	54.83	2.18	ppb
Silver	107-1	51.81	51.34	51.55	51.57	0.45	ppb
Silver	109-1	51.68	51.81	51.56	51.68	0.24	ppb
Sodium	23-2	5767.02	5498.51	5320.97	5528.83	4.06	ppb
Strontium	86-1	1316.86	1292.28	1264.44	1291.19	2.03	ppb
Strontium	88-1	1255.82	1265.89	1261.83	1261.18	0.40	ppb
Sulfur	34-1	1710.64	1628.07	841.60	1393.44	34.42	ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	46.92	46.54	47.37	46.94	0.88	ppb
Thallium	205-1	48.92	48.56	49.93	49.14	1.45	ppb
Tin	118-1	51.87	52.24	50.59	51.57	1.68	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 12:14:43	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	507.57	520.06	499.87	509.17	2.00	ppb
Uranium	238-1	47.55	46.65	46.87	47.02	1.00	ppb
Vanadium	51-2	49.27	48.93	46.11	48.10	3.61	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	529.65	514.63	481.45	508.58	4.85	ppb
Zirconium	90-1	50.19	51.39	48.75	50.11	2.63	ppb
Zirconium	91-1	49.79	49.61	47.10	48.83	3.08	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 12:17:43	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2667.93	2608.55	2573.70	2616.73	1.82	ppb
Antimony	121-1	126.54	128.49	126.77	127.27	0.84	ppb
Arsenic	75-2	128.90	127.56	125.90	127.45	1.18	ppb
Barium	135-1	622.66	629.49	625.30	625.82	0.55	ppb
Barium	137-1	635.24	649.24	629.83	638.10	1.57	ppb
Beryllium	9-1	132.09	132.42	130.10	131.53	0.96	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Boron	10-1	110.08	116.94	123.82	116.95	5.87	ppb
Boron	11-1	115.48	122.87	130.21	122.85	5.99	ppb
Bromine	81-1						cps
Cadmium	111-1	131.96	133.32	134.18	133.15	0.84	ppb
Cadmium	106-1	132.20	138.81	143.44	138.15	4.09	ppb
Cadmium	108-1	132.94	131.53	135.66	133.38	1.57	ppb
Calcium	43-1	14517.50	14084.20	14641.70	14414.47	2.03	ppb
Calcium	44-1	14240.66	13853.35	13889.69	13994.57	1.53	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	127.03	125.51	122.46	125.00	1.86	ppb
Cobalt	59-2	124.16	124.17	121.54	123.29	1.23	ppb
Copper	63-2	1334.74	1336.43	1258.71	1309.96	3.39	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				104		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	54-2	6783.73	6687.68	6503.01	6658.14	2.14	ppb
Iron	56-2	6731.73	6841.81	6582.26	6718.60	1.94	ppb
Iron	57-2	6588.73	6697.01	6433.07	6572.94	2.02	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 12:17:43	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	638.99	655.67	634.07	642.91	1.76	ppb
Lead	207-1	632.61	640.47	639.72	637.60	0.68	ppb
Lead	208-1	639.59	640.69	629.35	636.54	0.98	ppb
Lithium	6-1				99		%
Magnesium	24-2	14182.17	14067.57	13236.05	13828.59	3.73	ppb
Manganese	55-2	1257.24	1222.06	1196.80	1225.37	2.48	ppb
Molybdenum	94-1	1249.72	1253.11	1255.98	1252.94	0.25	ppb
Molybdenum	95-1	1238.08	1233.65	1236.49	1236.08	0.18	ppb
Molybdenum	96-1	1279.64	1257.99	1249.71	1262.45	1.22	ppb
Molybdenum	97-1	1255.20	1276.99	1283.13	1271.77	1.15	ppb
Molybdenum	98-1	1228.91	1264.78	1292.46	1262.05	2.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	135.58	133.12	130.38	133.03	1.95	ppb
Phosphorus	31-2	2534.50	2465.47	2448.54	2482.83	1.83	ppb
Potassium	39-2	6376.26	6388.02	6213.56	6325.95	1.54	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	82-1	133.88	131.92	132.85	132.88	0.74	ppb
Selenium	77-2	130.26	128.34	128.22	128.94	0.89	ppb
Selenium	78-2	135.38	129.57	119.33	128.10	6.35	ppb
Silicon	28-1	135.59	126.73	142.72	135.01	5.93	ppb
Silver	107-1	130.08	129.09	131.03	130.07	0.75	ppb
Silver	109-1	127.64	127.31	128.45	127.80	0.46	ppb
Sodium	23-2	13671.69	13550.66	13159.21	13460.52	1.99	ppb
Strontium	86-1	3134.76	3167.94	3120.38	3141.03	0.78	ppb
Strontium	88-1	3115.54	3162.01	3121.82	3133.12	0.80	ppb
Sulfur	34-1	3696.91	2410.32	3540.06	3215.77	21.83	ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	118.78	120.81	117.25	118.95	1.50	ppb
Thallium	205-1	123.10	123.42	120.64	122.39	1.25	ppb
Tin	118-1	128.28	130.33	127.36	128.66	1.18	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 12:17:43	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1272.85	1246.39	1274.19	1264.47	1.24	ppb
Uranium	238-1	124.13	128.00	122.09	124.74	2.41	ppb
Vanadium	51-2	122.96	121.76	119.73	121.49	1.34	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	1295.70	1286.35	1264.59	1282.21	1.24	ppb
Zirconium	90-1	122.38	123.81	125.73	123.97	1.36	ppb
Zirconium	91-1	122.62	121.96	124.80	123.13	1.21	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 12:20:42	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5298.34	5173.99	5104.80	5192.38	1.89	ppb
Antimony	121-1	258.80	266.55	240.79	255.38	5.18	ppb
Arsenic	75-2	268.31	259.86	256.10	261.42	2.39	ppb
Barium	135-1	1281.60	1351.63	1176.79	1270.01	6.93	ppb
Barium	137-1	1349.90	1391.85	1233.06	1324.94	6.21	ppb
Beryllium	9-1	260.76	270.40	258.59	263.25	2.39	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Boron	10-1	219.02	248.37	250.88	239.42	7.40	ppb
Boron	11-1	231.02	265.85	267.70	254.86	8.11	ppb
Bromine	81-1						cps
Cadmium	111-1	268.82	277.58	247.29	264.56	5.89	ppb
Cadmium	106-1	270.11	275.79	252.81	266.24	4.50	ppb
Cadmium	108-1	269.82	284.50	250.65	268.32	6.33	ppb
Calcium	43-1	29677.67	31201.39	29375.78	30084.95	3.25	ppb
Calcium	44-1	29258.33	30207.49	29001.83	29489.22	2.15	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	247.73	241.52	236.17	241.81	2.39	ppb
Cobalt	59-2	251.33	242.48	239.08	244.30	2.59	ppb
Copper	63-2	2644.49	2655.59	2596.37	2632.15	1.20	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				103		%
Holmium	165-2				105		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	54-2	13310.03	13184.68	13282.49	13259.07	0.50	ppb
Iron	56-2	13760.01	13479.76	13602.13	13613.97	1.03	ppb
Iron	57-2	13507.76	13250.50	12938.66	13232.31	2.15	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 12:20:42	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1316.35	1363.92	1256.62	1312.29	4.10	ppb
Lead	207-1	1332.54	1350.44	1261.62	1314.87	3.57	ppb
Lead	208-1	1324.24	1338.75	1253.56	1305.52	3.49	ppb
Lithium	6-1				98		%
Magnesium	24-2	28502.44	27737.93	26868.82	27703.06	2.95	ppb
Manganese	55-2	2616.72	2534.18	2580.39	2577.09	1.61	ppb
Molybdenum	94-1	2550.13	2776.41	2483.28	2603.28	5.90	ppb
Molybdenum	95-1	2552.73	2833.23	2469.31	2618.42	7.28	ppb
Molybdenum	96-1	2611.03	2740.39	2484.50	2611.97	4.90	ppb
Molybdenum	97-1	2679.96	2734.38	2474.79	2629.71	5.21	ppb
Molybdenum	98-1	2623.65	2847.87	2513.35	2661.62	6.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	260.02	259.51	258.45	259.33	0.31	ppb
Phosphorus	31-2	5152.28	4926.14	4649.42	4909.28	5.13	ppb
Potassium	39-2	13039.93	12562.60	12543.47	12715.33	2.21	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				97		%
Scandium	45-2				99		%
Selenium	82-1	270.05	287.91	260.20	272.72	5.15	ppb
Selenium	77-2	271.12	246.53	273.62	263.76	5.67	ppb
Selenium	78-2	275.15	261.28	257.09	264.51	3.57	ppb
Silicon	28-1	266.59	280.92	268.93	272.15	2.82	ppb
Silver	107-1	271.51	271.32	248.98	263.94	4.91	ppb
Silver	109-1	267.45	280.74	245.26	264.48	6.78	ppb
Sodium	23-2	27637.43	27102.90	26351.31	27030.55	2.39	ppb
Strontium	86-1	6655.94	6888.76	6217.59	6587.43	5.17	ppb
Strontium	88-1	6681.87	6894.10	6226.64	6600.87	5.17	ppb
Sulfur	34-1	6530.02	7069.96	6106.14	6568.70	7.35	ppb
Terbium	159-1				104		%
Terbium	159-2				105		%
Thallium	203-1	245.40	251.91	239.54	245.62	2.52	ppb
Thallium	205-1	269.17	269.80	244.46	261.14	5.54	ppb
Tin	118-1	259.78	270.01	247.21	259.00	4.41	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 12:20:42	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2640.17	2775.53	2560.03	2658.58	4.10	ppb
Uranium	238-1	267.10	269.50	248.93	261.84	4.30	ppb
Vanadium	51-2	252.97	246.37	242.29	247.21	2.18	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				100		%
Zinc	66-2	2647.16	2613.72	2513.96	2591.61	2.67	ppb
Zirconium	90-1	263.03	275.57	255.97	264.86	3.75	ppb
Zirconium	91-1	254.24	270.12	246.19	256.85	4.74	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 12:23:43	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10422.97	10258.86	8819.88	9833.90	8.97	ppb
Antimony	121-1	497.91	500.71	498.01	498.88	0.32	ppb
Arsenic	75-2	530.91	495.54	428.04	484.83	10.78	ppb
Barium	135-1	2582.05	2595.42	2523.77	2567.08	1.48	ppb
Barium	137-1	2503.36	2477.40	2454.37	2478.37	0.99	ppb
Beryllium	9-1	506.86	523.69	511.78	514.11	1.68	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Boron	10-1	460.35	503.35	523.60	495.77	6.52	ppb
Boron	11-1	456.93	499.44	504.49	486.96	5.36	ppb
Bromine	81-1						cps
Cadmium	111-1	508.33	503.41	508.42	506.72	0.57	ppb
Cadmium	106-1	498.05	509.05	491.71	499.60	1.76	ppb
Cadmium	108-1	507.58	497.53	505.15	503.42	1.04	ppb
Calcium	43-1	56753.75	57772.19	56817.80	57114.58	1.00	ppb
Calcium	44-1	55471.41	55693.88	55880.35	55681.88	0.37	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	482.89	474.29	414.77	457.32	8.11	ppb
Cobalt	59-2	497.19	486.66	428.84	470.89	7.81	ppb
Copper	63-2	5272.72	5055.69	4318.58	4882.33	10.24	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				107		%
Holmium	165-2				108		%
Indium	115-1				102		%
Indium	115-2				104		%
Iron	54-2	28475.16	26582.78	24069.11	26375.68	8.38	ppb
Iron	56-2	27288.61	26157.22	23050.50	25498.78	8.61	ppb
Iron	57-2	26957.37	25655.11	22620.40	25077.63	8.87	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 12:23:43	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2423.86	2533.70	2435.97	2464.51	2.44	ppb
Lead	207-1	2481.94	2453.53	2477.54	2471.00	0.62	ppb
Lead	208-1	2462.64	2467.87	2490.52	2473.67	0.60	ppb
Lithium	6-1				98		%
Magnesium	24-2	56444.42	54021.71	45279.59	51915.24	11.31	ppb
Manganese	55-2	5003.18	4950.37	4453.67	4802.40	6.31	ppb
Molybdenum	94-1	4861.98	5024.89	5065.91	4984.26	2.16	ppb
Molybdenum	95-1	4796.89	4955.48	5104.48	4952.28	3.11	ppb
Molybdenum	96-1	4894.88	4965.90	5078.85	4979.88	1.86	ppb
Molybdenum	97-1	4827.17	5001.70	5002.97	4943.95	2.05	ppb
Molybdenum	98-1	4944.85	4985.81	5023.68	4984.78	0.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	517.90	504.22	437.53	486.55	8.84	ppb
Phosphorus	31-2	10438.56	10087.69	8924.65	9816.96	8.07	ppb
Potassium	39-2	27171.89	25102.54	22030.50	24768.31	10.44	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				104		%
Selenium	82-1	503.44	512.82	537.70	517.98	3.42	ppb
Selenium	77-2	523.82	515.72	431.34	490.29	10.45	ppb
Selenium	78-2	535.55	497.69	431.29	488.18	10.81	ppb
Silicon	28-1	509.34	536.19	519.80	521.78	2.59	ppb
Silver	107-1	508.47	513.55	505.94	509.32	0.76	ppb
Silver	109-1	509.94	495.58	505.98	503.83	1.47	ppb
Sodium	23-2	53870.89	53036.77	44937.47	50615.04	9.75	ppb
Strontium	86-1	12592.17	12680.35	13248.75	12840.42	2.78	ppb
Strontium	88-1	12238.83	12527.86	13090.79	12619.16	3.43	ppb
Sulfur	34-1	11632.70	12354.81	11448.17	11811.89	4.06	ppb
Terbium	159-1				106		%
Terbium	159-2				109		%
Thallium	203-1	476.46	490.11	488.13	484.90	1.52	ppb
Thallium	205-1	491.89	495.91	509.72	499.17	1.87	ppb
Tin	118-1	503.39	494.28	512.68	503.45	1.83	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 12:23:43	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4939.32	5159.20	4976.03	5024.85	2.34	ppb
Uranium	238-1	497.14	484.90	514.41	498.82	2.97	ppb
Vanadium	51-2	509.12	489.19	424.00	474.10	9.39	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				106		%
Zinc	66-2	5120.78	4932.96	4291.03	4781.59	9.10	ppb
Zirconium	90-1	495.77	496.35	517.15	503.09	2.42	ppb
Zirconium	91-1	477.07	496.43	508.37	493.96	3.20	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 12:26:41	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20857.22	20843.42	19674.43	20458.36	3.32	ppb
Antimony	121-1	965.84	1011.07	1019.91	998.94	2.90	ppb
Arsenic	75-2	1044.64	1033.77	934.75	1004.39	6.03	ppb
Barium	135-1	4795.06	5040.89	5048.62	4961.52	2.91	ppb
Barium	137-1	4813.05	5061.14	5097.30	4990.50	3.10	ppb
Beryllium	9-1	1016.05	970.97	979.22	988.75	2.43	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Boron	10-1	953.52	1025.38	1040.06	1006.32	4.60	ppb
Boron	11-1	975.69	1007.32	1034.95	1005.99	2.95	ppb
Bromine	81-1						cps
Cadmium	111-1	958.01	1006.84	1010.55	991.80	2.96	ppb
Cadmium	106-1	956.43	1024.43	1002.51	994.46	3.49	ppb
Cadmium	108-1	949.58	1022.05	1005.93	992.52	3.83	ppb
Calcium	43-1	118587.64	117837.69	117944.76	118123.37	0.34	ppb
Calcium	44-1	110075.38	110385.21	108949.11	109803.23	0.69	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1037.55	1034.51	998.45	1023.50	2.12	ppb
Cobalt	59-2	1030.13	1038.53	980.15	1016.27	3.11	ppb
Copper	63-2	10292.84	10117.52	9645.21	10018.53	3.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	54-2	55463.16	55716.71	55183.67	55454.51	0.48	ppb
Iron	56-2	53769.11	54805.58	52712.47	53762.39	1.95	ppb
Iron	57-2	55873.74	57286.32	53474.01	55544.69	3.47	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 12:26:41	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4897.76	5118.68	4985.43	5000.62	2.22	ppb
Lead	207-1	4955.28	5022.52	5013.86	4997.22	0.73	ppb
Lead	208-1	4941.72	5039.59	5013.04	4998.12	1.01	ppb
Lithium	6-1				94		%
Magnesium	24-2	109174.35	108126.04	104215.81	107172.07	2.44	ppb
Manganese	55-2	10215.18	10203.66	9832.29	10083.71	2.16	ppb
Molybdenum	94-1	9770.19	10213.97	9961.22	9981.79	2.23	ppb
Molybdenum	95-1	9613.11	10417.24	9958.01	9996.12	4.04	ppb
Molybdenum	96-1	9707.63	10342.15	9891.12	9980.30	3.27	ppb
Molybdenum	97-1	9643.91	10322.15	10011.75	9992.60	3.40	ppb
Molybdenum	98-1	9696.39	10155.82	10043.51	9965.24	2.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1020.97	1016.21	972.82	1003.33	2.64	ppb
Phosphorus	31-2	20686.16	20717.38	18943.62	20115.72	5.05	ppb
Potassium	39-2	52774.10	53248.89	50314.88	52112.62	3.02	ppb
Rhodium	103-1				99		%
Rhodium	103-2				96		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	82-1	966.04	1005.34	981.19	984.19	2.01	ppb
Selenium	77-2	973.08	1079.17	951.02	1001.09	6.84	ppb
Selenium	78-2	1048.59	1041.36	915.37	1001.77	7.48	ppb
Silicon	28-1	983.93	978.36	984.22	982.17	0.34	ppb
Silver	107-1	971.41	1006.66	995.36	991.14	1.82	ppb
Silver	109-1	964.15	996.99	1020.95	994.03	2.87	ppb
Sodium	23-2	106260.95	106960.09	101285.57	104835.54	2.95	ppb
Strontium	86-1	24296.12	24874.12	25010.07	24726.77	1.53	ppb
Strontium	88-1	24371.59	25303.29	24832.46	24835.78	1.88	ppb
Sulfur	34-1	19146.52	18168.13	18463.55	18592.74	2.70	ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	996.49	1016.97	1015.21	1009.56	1.12	ppb
Thallium	205-1	994.96	1011.00	988.04	998.00	1.18	ppb
Tin	118-1	957.34	1012.80	1016.32	995.49	3.32	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 12:26:41	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	9900.69	10068.38	9867.93	9945.66	1.08	ppb
Uranium	238-1	980.53	1012.94	999.96	997.81	1.63	ppb
Vanadium	51-2	1034.95	1022.75	984.84	1014.18	2.58	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				105		%
Zinc	66-2	10186.67	10221.20	9837.67	10081.85	2.10	ppb
Zirconium	90-1	969.23	1015.11	1000.25	994.86	2.35	ppb
Zirconium	91-1	980.05	1022.21	1002.55	1001.60	2.11	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 12:29:42	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	102166.12	95988.41	101580.30	99911.61	3.41	ppb
Antimony	121-1	0.54	0.55	0.60	0.56	5.74	ppb
Arsenic	75-2	0.18	0.18	0.18	0.18	1.27	ppb
Barium	135-1	2.97	2.66	2.90	2.84	5.83	ppb
Barium	137-1	3.01	2.67	2.63	2.77	7.56	ppb
Beryllium	9-1	0.33	0.29	0.25	0.29	12.96	ppb
Bismuth	209-1				92		%
Bismuth	209-2				94		%
Boron	10-1	85.17	78.80	69.75	77.91	9.94	ppb
Boron	11-1	91.03	83.73	72.81	82.53	11.11	ppb
Bromine	81-1						cps
Cadmium	111-1	0.35	0.26	0.29	0.30	15.17	ppb
Cadmium	106-1	0.90	-3.03	-2.32	-1.48		ppb
Cadmium	108-1	0.48	0.54	0.38	0.47	16.78	ppb
Calcium	43-1	492826.93	498495.04	494739.18	495353.72	0.58	ppb
Calcium	44-1	502699.73	498463.08	490444.20	497202.34	1.25	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6.90	6.30	6.40	6.53	4.96	ppb
Cobalt	59-2	0.69	0.62	0.63	0.64	5.53	ppb
Copper	63-2	1.62	1.65	1.50	1.59	4.93	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				104		%
Holmium	165-2				105		%
Indium	115-1				98		%
Indium	115-2				102		%
Iron	54-2	255530.38	241138.56	249496.82	248721.92	2.91	ppb
Iron	56-2	255136.74	242493.56	249754.23	249128.18	2.55	ppb
Iron	57-2	251921.72	247355.73	247236.18	248837.88	1.07	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 12:29:42	DataFile Name :	012CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.08	1.02	1.05	1.05	2.80	ppb
Lead	207-1	1.28	1.07	1.08	1.14	10.56	ppb
Lead	208-1	1.20	1.03	1.05	1.10	8.48	ppb
Lithium	6-1				91		%
Magnesium	24-2	508365.92	478707.94	507529.46	498201.11	3.39	ppb
Manganese	55-2	7.24	6.91	7.30	7.15	2.95	ppb
Molybdenum	94-1	2.59	1.84	1.74	2.06	22.60	ppb
Molybdenum	95-1	2.30	1.96	1.70	1.98	15.19	ppb
Molybdenum	96-1	4.19	3.24	3.55	3.66	13.27	ppb
Molybdenum	97-1	2.43	1.72	1.82	1.99	19.48	ppb
Molybdenum	98-1	2.30	1.84	1.57	1.90	19.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.89	1.75	1.84	1.83	3.86	ppb
Phosphorus	31-2	12.08	10.35	23.19	15.20	45.85	ppb
Potassium	39-2	256391.70	244633.21	247739.42	249588.11	2.44	ppb
Rhodium	103-1				92		%
Rhodium	103-2				92		%
Scandium	45-1				98		%
Scandium	45-2				102		%
Selenium	82-1	0.52	0.66	1.01	0.73	34.44	ppb
Selenium	77-2	1.88	0.00	0.91	0.93	101.04	ppb
Selenium	78-2	-0.01	0.00	1.25	0.41	175.11	ppb
Silicon	28-1	14.63	12.15	10.31	12.37	17.53	ppb
Silver	107-1	0.41	0.32	0.35	0.36	13.38	ppb
Silver	109-1	0.37	0.35	0.36	0.36	2.51	ppb
Sodium	23-2	514448.50	483428.39	498644.69	498840.53	3.11	ppb
Strontium	86-1	8.07	6.81	6.54	7.14	11.45	ppb
Strontium	88-1	8.09	6.77	6.80	7.22	10.39	ppb
Sulfur	34-1	-1906.47	-2151.39	-2123.53	-2060.46		ppb
Terbium	159-1				103		%
Terbium	159-2				106		%
Thallium	203-1	0.24	0.17	0.17	0.19	22.28	ppb
Thallium	205-1	0.24	0.18	0.18	0.20	15.72	ppb
Tin	118-1	1.55	1.55	1.46	1.52	3.46	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 12:29:42	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.77	1.25	1.29	1.43	20.09	ppb
Uranium	238-1	0.10	0.09	0.07	0.09	21.13	ppb
Vanadium	51-2	0.15	0.20	0.20	0.19	14.90	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				105		%
Zinc	66-2	6.61	6.45	6.47	6.51	1.31	ppb
Zirconium	90-1	0.23	0.20	0.22	0.22	6.40	ppb
Zirconium	91-1	0.22	0.22	0.18	0.21	11.26	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	ICV45	Instrumnet Name :	P8
Client Sample ID :	ICV45	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 13:20:10	DataFile Name :	014ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	496.96	485.43	476.93	486.44	2.07	ppb
Antimony	121-1	199.80	190.61	200.41	196.94	2.79	ppb
Arsenic	75-2	198.65	193.72	201.42	197.93	1.97	ppb
Barium	135-1	98.58	95.85	99.09	97.84	1.78	ppb
Barium	137-1	103.14	98.01	103.73	101.63	3.09	ppb
Beryllium	9-1	99.95	98.90	99.68	99.51	0.55	ppb
Bismuth	209-1				105		%
Bismuth	209-2				109		%
Boron	10-1	2.81	2.54	2.69	2.68	5.08	ppb
Boron	11-1	2.83	2.65	2.70	2.73	3.56	ppb
Bromine	81-1						cps
Cadmium	111-1	107.01	101.14	105.50	104.55	2.91	ppb
Cadmium	106-1	80.53	70.49	79.58	76.86	7.21	ppb
Cadmium	108-1	85.58	84.01	86.08	85.23	1.27	ppb
Calcium	43-1	1899.17	1907.40	1941.84	1916.14	1.18	ppb
Calcium	44-1	1925.32	1947.56	1934.22	1935.70	0.58	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	95.02	92.19	91.50	92.90	2.01	ppb
Cobalt	59-2	95.66	94.80	92.81	94.42	1.55	ppb
Copper	63-2	94.95	92.87	92.87	93.56	1.28	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				112		%
Holmium	165-2				116		%
Indium	115-1				111		%
Indium	115-2				116		%
Iron	54-2	2052.96	1987.27	1976.28	2005.50	2.07	ppb
Iron	56-2	2018.01	2040.43	1959.44	2005.96	2.08	ppb
Iron	57-2	1981.59	1923.18	1861.46	1922.08	3.13	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	ICV45	Instrumnet Name :	P8
Client Sample ID :	ICV45	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 13:20:10	DataFile Name :	014ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	198.92	192.81	191.60	194.45	2.02	ppb
Lead	207-1	186.33	180.38	180.18	182.30	1.92	ppb
Lead	208-1	189.65	185.53	184.45	186.54	1.47	ppb
Lithium	6-1				100		%
Magnesium	24-2	1139.08	1100.56	1100.51	1113.39	2.00	ppb
Manganese	55-2	94.51	90.98	92.01	92.50	1.97	ppb
Molybdenum	94-1	0.06	0.04	0.01	0.04	64.48	ppb
Molybdenum	95-1	0.08	0.02	0.05	0.05	56.77	ppb
Molybdenum	96-1	0.10	0.05	0.06	0.07	34.37	ppb
Molybdenum	97-1	0.03	0.04	0.02	0.03	41.33	ppb
Molybdenum	98-1	0.06	0.04	0.05	0.05	29.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	104.38	103.36	100.48	102.74	1.97	ppb
Phosphorus	31-2	-3.62	-9.52	14.54	0.47	2681.95	ppb
Potassium	39-2	1875.79	1818.31	1808.62	1834.24	1.98	ppb
Rhodium	103-1				110		%
Rhodium	103-2				111		%
Scandium	45-1				109		%
Scandium	45-2				112		%
Selenium	82-1	201.76	202.54	208.84	204.38	1.90	ppb
Selenium	77-2	193.56	201.29	203.21	199.36	2.56	ppb
Selenium	78-2	211.03	210.80	205.28	209.04	1.56	ppb
Silicon	28-1	-1.36	-1.21	-1.06	-1.21		ppb
Silver	107-1	50.44	46.89	50.44	49.26	4.16	ppb
Silver	109-1	49.92	47.55	48.55	48.67	2.45	ppb
Sodium	23-2	1960.32	1905.62	1889.22	1918.39	1.94	ppb
Strontium	86-1	0.28	0.25	0.20	0.24	16.45	ppb
Strontium	88-1	0.22	0.24	0.22	0.23	4.68	ppb
Sulfur	34-1	-2505.49	-2568.58	-2367.92	-2480.66		ppb
Terbium	159-1				109		%
Terbium	159-2				113		%
Thallium	203-1	199.23	197.01	195.38	197.21	0.98	ppb
Thallium	205-1	218.81	212.39	211.18	214.13	1.91	ppb
Tin	118-1	0.02	0.00	0.07	0.03	104.80	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	ICV45	Instrumnet Name :	P8
Client Sample ID :	ICV45	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 13:20:10	DataFile Name :	014ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.02	0.03	0.00	0.02	73.81	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	93.59	92.17	90.95	92.23	1.43	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				115		%
Zinc	66-2	194.48	195.79	188.01	192.76	2.16	ppb
Zirconium	90-1	0.01	0.00	0.01	0.01	120.89	ppb
Zirconium	91-1	0.11	0.04	0.10	0.09	43.82	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 13:29:16	DataFile Name :	015LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.70	20.48	20.33	20.83	3.61	ppb
Antimony	121-1	1.93	1.95	2.15	2.01	6.25	ppb
Arsenic	75-2	0.97	0.84	0.91	0.91	7.25	ppb
Barium	135-1	9.17	9.10	9.05	9.11	0.66	ppb
Barium	137-1	9.00	9.18	9.41	9.20	2.23	ppb
Beryllium	9-1	1.03	1.02	1.09	1.05	3.45	ppb
Bismuth	209-1				107		%
Bismuth	209-2				111		%
Boron	10-1	12.17	13.73	14.60	13.50	9.10	ppb
Boron	11-1	13.67	14.62	15.45	14.58	6.09	ppb
Bromine	81-1						cps
Cadmium	111-1	1.09	0.92	1.10	1.04	9.96	ppb
Cadmium	106-1	-2.70	-2.52	-2.45	-2.56		ppb
Cadmium	108-1	0.95	0.77	0.99	0.91	13.20	ppb
Calcium	43-1	491.75	493.54	487.22	490.84	0.66	ppb
Calcium	44-1	494.86	500.84	495.31	497.00	0.67	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.88	1.70	1.68	1.75	6.23	ppb
Cobalt	59-2	0.86	0.88	0.87	0.87	1.52	ppb
Copper	63-2	1.85	1.85	1.75	1.82	3.08	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				112		%
Indium	115-2				115		%
Iron	54-2	47.82	50.71	46.16	48.23	4.77	ppb
Iron	56-2	49.41	47.26	47.04	47.90	2.73	ppb
Iron	57-2	50.81	47.70	57.72	52.08	9.85	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 13:29:16	DataFile Name :	015LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.88	0.79	0.85	0.84	5.07	ppb
Lead	207-1	0.89	0.87	0.89	0.88	1.09	ppb
Lead	208-1	0.87	0.80	0.87	0.85	4.41	ppb
Lithium	6-1				99		%
Magnesium	24-2	488.28	465.44	460.83	471.52	3.12	ppb
Manganese	55-2	1.01	0.94	0.96	0.97	3.76	ppb
Molybdenum	94-1	5.09	5.31	5.10	5.16	2.36	ppb
Molybdenum	95-1	4.60	4.37	4.40	4.46	2.86	ppb
Molybdenum	96-1	4.45	4.54	4.36	4.45	2.01	ppb
Molybdenum	97-1	4.16	4.46	4.22	4.28	3.75	ppb
Molybdenum	98-1	4.29	4.45	4.30	4.35	2.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.91	0.95	0.90	0.92	3.09	ppb
Phosphorus	31-2	3.60	20.13	-1.66	7.36	154.50	ppb
Potassium	39-2	461.22	443.85	411.25	438.77	5.78	ppb
Rhodium	103-1				108		%
Rhodium	103-2				110		%
Scandium	45-1				106		%
Scandium	45-2				112		%
Selenium	82-1	5.76	5.05	5.02	5.28	7.99	ppb
Selenium	77-2	4.98	0.00	5.79	3.59	87.34	ppb
Selenium	78-2	5.48	5.17	3.90	4.85	17.22	ppb
Silicon	28-1	0.67	-0.20	-0.33	0.05	1183.79	ppb
Silver	107-1	0.97	0.92	1.03	0.97	5.95	ppb
Silver	109-1	0.91	0.92	1.08	0.97	9.79	ppb
Sodium	23-2	479.77	461.25	472.92	471.31	1.99	ppb
Strontium	86-1	0.78	1.08	0.92	0.93	16.59	ppb
Strontium	88-1	0.87	0.99	0.93	0.93	6.65	ppb
Sulfur	34-1	-1749.17	-1860.12	-2091.86	-1900.38		ppb
Terbium	159-1				110		%
Terbium	159-2				111		%
Thallium	203-1	0.92	0.88	0.95	0.92	4.03	ppb
Thallium	205-1	0.93	0.87	0.92	0.90	3.30	ppb
Tin	118-1	4.88	4.94	4.69	4.83	2.66	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 13:29:16	DataFile Name :	015LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.58	4.82	4.65	4.68	2.64	ppb
Uranium	238-1	0.85	0.82	0.85	0.84	2.39	ppb
Vanadium	51-2	4.74	4.62	4.33	4.56	4.70	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				118		%
Zinc	66-2	2.19	1.99	2.15	2.11	4.93	ppb
Zirconium	90-1	0.86	0.87	0.89	0.88	1.84	ppb
Zirconium	91-1	0.92	0.83	0.96	0.90	7.73	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	ICB45	Instrumnet Name :	P8
Client Sample ID :	ICB45	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 13:32:17	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.12	0.31	0.40	0.28	50.05	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	12.45	ppb
Arsenic	75-2	0.00	0.00	-0.01	0.00		ppb
Barium	135-1	0.04	0.00	-0.02	0.01	420.92	ppb
Barium	137-1	0.01	0.00	-0.01	0.00		ppb
Beryllium	9-1	0.02	0.02	0.01	0.02	30.87	ppb
Bismuth	209-1				105		%
Bismuth	209-2				109		%
Boron	10-1	2.53	2.73	2.28	2.51	8.99	ppb
Boron	11-1	2.86	2.67	2.57	2.70	5.42	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.01	-0.03	-0.03	-0.02		ppb
Cadmium	106-1	-1.44	-2.78	-2.74	-2.32		ppb
Cadmium	108-1	-0.01	-0.04	-0.05	-0.03		ppb
Calcium	43-1	2.65	-0.36	-0.56	0.58	311.27	ppb
Calcium	44-1	6.55	3.69	4.45	4.90	30.33	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	-0.06	0.02	-0.01		ppb
Cobalt	59-2	-0.02	-0.02	-0.02	-0.02		ppb
Copper	63-2	-0.09	-0.05	-0.06	-0.07		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				113		%
Indium	115-1				110		%
Indium	115-2				114		%
Iron	54-2	1.89	1.13	1.11	1.38	32.56	ppb
Iron	56-2	0.29	0.14	0.26	0.23	33.56	ppb
Iron	57-2	-0.81	1.69	1.85	0.91	164.11	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	ICB45	Instrumnet Name :	P8
Client Sample ID :	ICB45	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 13:32:17	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	-0.02	-0.03	-0.02	-0.02		ppb
Lead	207-1	0.03	-0.02	0.02	0.01	238.46	ppb
Lead	208-1	0.00	-0.02	0.00	-0.01		ppb
Lithium	6-1				99		%
Magnesium	24-2	-0.48	-0.76	-0.32	-0.52		ppb
Manganese	55-2	0.02	0.03	0.03	0.02	31.67	ppb
Molybdenum	94-1	0.01	0.02	0.01	0.01	64.18	ppb
Molybdenum	95-1	0.00	0.01	0.00	0.00	45.26	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	97-1	0.02	0.00	0.00	0.00	221.18	ppb
Molybdenum	98-1	0.01	0.01	0.00	0.00	204.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.02	0.00	-0.01		ppb
Phosphorus	31-2	-6.35	-16.50	11.17	-3.89		ppb
Potassium	39-2	-25.47	-22.11	-29.07	-25.55		ppb
Rhodium	103-1				108		%
Rhodium	103-2				109		%
Scandium	45-1				105		%
Scandium	45-2				111		%
Selenium	82-1	-0.08	0.24	-0.08	0.02	789.56	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.06	-0.52	-0.12	-0.24		ppb
Silicon	28-1	-0.22	-0.57	-0.72	-0.50		ppb
Silver	107-1	-0.01	0.01	0.00	0.00		ppb
Silver	109-1	0.00	0.01	0.00	0.00	102.76	ppb
Sodium	23-2	11.54	6.36	7.46	8.45	32.28	ppb
Strontium	86-1	0.07	0.01	-0.04	0.02	362.62	ppb
Strontium	88-1	0.02	-0.02	-0.02	-0.01		ppb
Sulfur	34-1	-1468.19	-2021.68	-2153.85	-1881.24		ppb
Terbium	159-1				109		%
Terbium	159-2				111		%
Thallium	203-1	0.01	0.00	0.01	0.01	44.67	ppb
Thallium	205-1	0.01	0.00	0.01	0.01	50.09	ppb
Tin	118-1	0.51	0.54	0.46	0.50	8.24	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	ICB45	Instrumnet Name :	P8
Client Sample ID :	ICB45	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 13:32:17	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.02	0.03	0.02	0.01	266.48	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	96.00	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				115		%
Zinc	66-2	-0.09	-0.05	-0.01	-0.05		ppb
Zirconium	90-1	-0.01	0.00	0.01	0.00	454.24	ppb
Zirconium	91-1	0.01	0.00	0.00	0.01	56.60	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	ICSA45	Instrumnet Name :	P8
Client Sample ID :	ICSA45	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 13:38:58	DataFile Name :	017ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	96632.91	93105.14	89992.63	93243.56	3.56	ppb
Antimony	121-1	1.24	1.12	1.19	1.18	5.11	ppb
Arsenic	75-2	0.41	0.45	0.32	0.39	16.32	ppb
Barium	135-1	1.41	1.60	1.38	1.46	8.43	ppb
Barium	137-1	1.43	1.34	1.46	1.41	4.71	ppb
Beryllium	9-1	0.34	0.29	0.29	0.31	8.83	ppb
Bismuth	209-1				96		%
Bismuth	209-2				106		%
Boron	10-1	2.41	1.91	1.89	2.07	14.20	ppb
Boron	11-1	2.63	2.24	2.14	2.34	11.20	ppb
Bromine	81-1						cps
Cadmium	111-1	0.62	0.54	0.51	0.56	9.62	ppb
Cadmium	106-1	-4.82	-1.52	-5.37	-3.91		ppb
Cadmium	108-1	15.63	13.58	14.35	14.52	7.13	ppb
Calcium	43-1	118422.22	104320.09	104358.10	109033.47	7.46	ppb
Calcium	44-1	113538.02	104184.87	101563.82	106428.90	5.91	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	18.30	17.66	17.74	17.90	1.94	ppb
Cobalt	59-2	1.02	1.03	1.03	1.02	0.80	ppb
Copper	63-2	6.81	6.54	6.55	6.63	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				107		%
Holmium	165-2				114		%
Indium	115-1				102		%
Indium	115-2				112		%
Iron	54-2	99653.74	97621.17	91795.90	96356.94	4.23	ppb
Iron	56-2	101197.75	97154.28	92937.14	97096.39	4.25	ppb
Iron	57-2	100916.41	102656.34	96366.03	99979.60	3.25	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	ICSA45	Instrumnet Name :	P8
Client Sample ID :	ICSA45	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 13:38:58	DataFile Name :	017ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4.99	5.00	5.04	5.01	0.57	ppb
Lead	207-1	4.45	4.45	4.63	4.51	2.32	ppb
Lead	208-1	4.74	4.63	4.70	4.69	1.11	ppb
Lithium	6-1				92		%
Magnesium	24-2	94295.82	92227.83	87851.85	91458.50	3.60	ppb
Manganese	55-2	7.39	7.24	6.82	7.15	4.12	ppb
Molybdenum	94-1	1651.32	1462.33	1494.88	1536.18	6.58	ppb
Molybdenum	95-1	2016.27	1788.21	1889.06	1897.85	6.02	ppb
Molybdenum	96-1	1933.99	1771.06	1810.86	1838.64	4.62	ppb
Molybdenum	97-1	2030.96	1782.69	1816.76	1876.80	7.17	ppb
Molybdenum	98-1	2013.03	1771.61	1817.00	1867.22	6.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.23	4.83	4.84	4.97	4.55	ppb
Phosphorus	31-2	92349.08	91339.85	86576.18	90088.37	3.42	ppb
Potassium	39-2	97500.56	95030.72	92837.89	95123.06	2.45	ppb
Rhodium	103-1				99		%
Rhodium	103-2				104		%
Scandium	45-1				102		%
Scandium	45-2				109		%
Selenium	82-1	0.09	0.26	0.30	0.22	49.88	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.10	-0.80	-0.43	-0.44		ppb
Silicon	28-1	5.99	2.75	2.89	3.87	47.25	ppb
Silver	107-1	-0.01	-0.02	-0.02	-0.02		ppb
Silver	109-1	0.01	0.01	0.01	0.01	40.35	ppb
Sodium	23-2	98325.42	96333.11	91161.47	95273.33	3.88	ppb
Strontium	86-1	36.26	32.78	33.04	34.03	5.70	ppb
Strontium	88-1	36.64	33.11	32.95	34.24	6.09	ppb
Sulfur	34-1	104942.25	95329.94	91112.32	97128.17	7.30	ppb
Terbium	159-1				105		%
Terbium	159-2				113		%
Thallium	203-1	0.10	0.09	0.07	0.08	18.27	ppb
Thallium	205-1	0.09	0.07	0.07	0.08	13.63	ppb
Tin	118-1	0.69	0.63	0.66	0.66	5.21	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	ICSA45	Instrumnet Name :	P8
Client Sample ID :	ICSA45	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 13:38:58	DataFile Name :	017ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2289.38	2079.53	2013.36	2127.42	6.77	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	12.52	ppb
Vanadium	51-2	0.15	0.18	0.15	0.16	14.09	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				114		%
Zinc	66-2	12.72	13.56	12.86	13.05	3.44	ppb
Zirconium	90-1	0.00	-0.01	0.02	0.00	560.29	ppb
Zirconium	91-1	0.01	-0.02	0.03	0.01	313.00	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	ICSAB45	Instrumnet Name :	P8
Client Sample ID :	ICSAB45	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 13:42:19	DataFile Name :	018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	93331.24	91926.70	89054.39	91437.44	2.38	ppb
Antimony	121-1	21.42	21.21	20.74	21.12	1.65	ppb
Arsenic	75-2	19.29	18.50	18.26	18.68	2.89	ppb
Barium	135-1	21.77	21.46	21.23	21.48	1.26	ppb
Barium	137-1	21.05	22.38	22.13	21.85	3.22	ppb
Beryllium	9-1	19.74	20.11	19.90	19.92	0.95	ppb
Bismuth	209-1				103		%
Bismuth	209-2				104		%
Boron	10-1	1.86	1.84	1.75	1.82	3.31	ppb
Boron	11-1	1.93	2.09	1.91	1.98	4.93	ppb
Bromine	81-1						cps
Cadmium	111-1	20.45	20.73	19.69	20.29	2.65	ppb
Cadmium	106-1	12.87	12.81	10.71	12.13	10.12	ppb
Cadmium	108-1	28.46	30.45	28.63	29.18	3.78	ppb
Calcium	43-1	104308.32	101796.61	101269.25	102458.06	1.58	ppb
Calcium	44-1	101047.06	98809.14	97308.86	99055.02	1.90	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	36.32	35.78	34.12	35.41	3.24	ppb
Cobalt	59-2	19.59	19.26	18.69	19.18	2.37	ppb
Copper	63-2	25.25	24.81	24.08	24.71	2.39	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				112		%
Holmium	165-2				114		%
Indium	115-1				110		%
Indium	115-2				112		%
Iron	54-2	98771.66	95974.39	96879.16	97208.41	1.47	ppb
Iron	56-2	98509.38	96205.41	91612.59	95442.46	3.68	ppb
Iron	57-2	102557.41	98543.26	95282.29	98794.32	3.69	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	ICSAB45	Instrumnet Name :	P8
Client Sample ID :	ICSAB45	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 13:42:19	DataFile Name :	018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	26.82	26.44	26.42	26.56	0.85	ppb
Lead	207-1	25.15	25.66	25.30	25.37	1.03	ppb
Lead	208-1	25.82	25.86	25.48	25.72	0.80	ppb
Lithium	6-1				94		%
Magnesium	24-2	89977.16	89331.73	85098.04	88135.64	3.01	ppb
Manganese	55-2	25.32	25.36	24.56	25.08	1.79	ppb
Molybdenum	94-1	1491.96	1458.20	1450.28	1466.82	1.51	ppb
Molybdenum	95-1	1775.48	1773.02	1726.52	1758.34	1.57	ppb
Molybdenum	96-1	1730.21	1721.14	1684.68	1712.01	1.41	ppb
Molybdenum	97-1	1736.64	1803.43	1696.95	1745.67	3.08	ppb
Molybdenum	98-1	1769.71	1771.13	1720.29	1753.71	1.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.26	23.45	23.41	23.71	2.04	ppb
Phosphorus	31-2	90784.99	89491.55	89542.71	89939.75	0.81	ppb
Potassium	39-2	94143.55	95106.11	88968.70	92739.45	3.56	ppb
Rhodium	103-1				102		%
Rhodium	103-2				104		%
Scandium	45-1				106		%
Scandium	45-2				109		%
Selenium	82-1	19.72	19.52	19.58	19.61	0.52	ppb
Selenium	77-2	21.54	21.49	16.54	19.85	14.46	ppb
Selenium	78-2	18.79	17.75	15.58	17.37	9.44	ppb
Silicon	28-1	3.13	2.37	2.46	2.65	15.67	ppb
Silver	107-1	18.30	18.30	18.57	18.39	0.84	ppb
Silver	109-1	18.28	18.59	18.42	18.43	0.83	ppb
Sodium	23-2	94833.27	93435.22	91736.35	93334.95	1.66	ppb
Strontium	86-1	33.32	32.00	31.54	32.29	2.87	ppb
Strontium	88-1	33.18	32.28	31.46	32.31	2.67	ppb
Sulfur	34-1	92050.81	87682.46	84595.97	88109.75	4.25	ppb
Terbium	159-1				111		%
Terbium	159-2				113		%
Thallium	203-1	21.60	21.77	20.97	21.45	1.96	ppb
Thallium	205-1	22.46	22.27	21.75	22.16	1.65	ppb
Tin	118-1	0.24	0.17	0.25	0.22	20.24	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	ICSAB45	Instrumnet Name :	P8
Client Sample ID :	ICSAB45	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 13:42:19	DataFile Name :	018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1994.95	1951.98	1985.76	1977.57	1.14	ppb
Uranium	238-1	0.03	0.04	0.02	0.03	28.23	ppb
Vanadium	51-2	18.97	18.52	17.62	18.37	3.75	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				116		%
Zinc	66-2	29.33	28.75	29.21	29.10	1.06	ppb
Zirconium	90-1	0.02	0.01	0.01	0.01	28.00	ppb
Zirconium	91-1	0.02	0.02	0.03	0.02	22.84	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 13:47:13	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50481.70	47851.31	48820.46	49051.16	2.71	ppb
Antimony	121-1	502.08	474.20	498.90	491.73	3.10	ppb
Arsenic	75-2	495.74	478.41	480.51	484.89	1.95	ppb
Barium	135-1	2575.59	2456.76	2525.38	2519.25	2.37	ppb
Barium	137-1	2497.51	2401.99	2479.84	2459.78	2.07	ppb
Beryllium	9-1	470.59	477.41	496.50	481.50	2.79	ppb
Bismuth	209-1				100		%
Bismuth	209-2				104		%
Boron	10-1	461.68	492.02	510.85	488.19	5.08	ppb
Boron	11-1	472.47	493.09	508.38	491.31	3.67	ppb
Bromine	81-1						cps
Cadmium	111-1	469.20	457.79	479.16	468.72	2.28	ppb
Cadmium	106-1	463.24	443.59	464.42	457.09	2.56	ppb
Cadmium	108-1	463.23	448.49	476.63	462.78	3.04	ppb
Calcium	43-1	244440.17	246607.51	255379.86	248809.18	2.33	ppb
Calcium	44-1	240710.33	243140.14	251109.39	244986.62	2.22	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	474.86	448.09	450.02	457.66	3.26	ppb
Cobalt	59-2	505.34	475.81	486.93	489.36	3.05	ppb
Copper	63-2	4961.03	4741.49	4783.50	4828.68	2.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				115		%
Indium	115-1				108		%
Indium	115-2				113		%
Iron	54-2	126559.51	120249.17	121123.31	122644.00	2.79	ppb
Iron	56-2	125344.69	118283.45	120674.48	121434.21	2.96	ppb
Iron	57-2	128216.40	120661.63	118238.66	122372.23	4.25	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 13:47:13	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2524.65	2431.75	2597.88	2518.09	3.31	ppb
Lead	207-1	2452.92	2411.25	2542.43	2468.87	2.71	ppb
Lead	208-1	2474.97	2445.08	2528.10	2482.72	1.69	ppb
Lithium	6-1				97		%
Magnesium	24-2	245265.02	239154.44	241361.10	241926.85	1.28	ppb
Manganese	55-2	4814.02	4659.92	4688.77	4720.90	1.74	ppb
Molybdenum	94-1	4713.00	4787.03	4866.82	4788.95	1.61	ppb
Molybdenum	95-1	4676.26	4759.87	4964.01	4800.05	3.08	ppb
Molybdenum	96-1	4724.37	4874.26	4877.38	4825.34	1.81	ppb
Molybdenum	97-1	4689.92	4804.15	4852.41	4782.16	1.75	ppb
Molybdenum	98-1	4818.31	4810.21	4944.02	4857.51	1.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	490.37	468.46	481.50	480.11	2.30	ppb
Phosphorus	31-2	9739.86	9100.78	9512.96	9451.20	3.43	ppb
Potassium	39-2	125668.22	121512.70	120150.20	122443.70	2.35	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				108		%
Scandium	45-2				112		%
Selenium	82-1	480.70	488.69	501.62	490.34	2.15	ppb
Selenium	77-2	482.01	469.14	549.49	500.21	8.63	ppb
Selenium	78-2	510.82	491.04	501.99	501.28	1.98	ppb
Silicon	28-1	494.08	500.91	518.32	504.43	2.48	ppb
Silver	107-1	492.05	459.71	489.88	480.55	3.76	ppb
Silver	109-1	475.13	464.49	482.75	474.12	1.93	ppb
Sodium	23-2	242350.46	233304.37	234680.53	236778.45	2.06	ppb
Strontium	86-1	11962.23	12132.53	12320.57	12138.44	1.48	ppb
Strontium	88-1	12226.51	12029.27	12291.89	12182.56	1.12	ppb
Sulfur	34-1	8436.88	8796.82	9238.21	8823.97	4.55	ppb
Terbium	159-1				112		%
Terbium	159-2				113		%
Thallium	203-1	497.66	495.63	514.66	502.65	2.08	ppb
Thallium	205-1	517.14	496.54	517.39	510.36	2.34	ppb
Tin	118-1	499.35	493.60	504.58	499.18	1.10	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 13:47:13	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4794.62	4810.60	5108.24	4904.49	3.60	ppb
Uranium	238-1	497.27	494.56	502.51	498.11	0.81	ppb
Vanadium	51-2	498.53	466.79	475.78	480.37	3.41	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				116		%
Zinc	66-2	4692.68	4554.14	4555.34	4600.72	1.73	ppb
Zirconium	90-1	466.72	494.64	490.07	483.81	3.09	ppb
Zirconium	91-1	467.76	479.81	483.74	477.10	1.75	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 13:55:05	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.34	1.05	0.58	0.66	55.47	ppb
Antimony	121-1	0.07	0.05	0.08	0.07	16.81	ppb
Arsenic	75-2	0.01	0.04	0.00	0.02	116.16	ppb
Barium	135-1	0.01	0.03	0.03	0.02	66.28	ppb
Barium	137-1	0.05	-0.01	0.02	0.02	128.51	ppb
Beryllium	9-1	0.05	0.03	0.04	0.04	21.20	ppb
Bismuth	209-1				102		%
Bismuth	209-2				108		%
Boron	10-1	7.99	8.03	7.96	7.99	0.45	ppb
Boron	11-1	8.81	8.85	8.26	8.64	3.87	ppb
Bromine	81-1						cps
Cadmium	111-1	0.03	0.01	-0.01	0.01	180.75	ppb
Cadmium	106-1	-0.65	-0.87	-2.15	-1.23		ppb
Cadmium	108-1	-0.12	-0.08	-0.09	-0.09		ppb
Calcium	43-1	8.94	3.10	3.07	5.04	67.13	ppb
Calcium	44-1	16.69	11.49	10.14	12.78	27.08	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.03	0.01	-0.04	-0.02		ppb
Cobalt	59-2	-0.02	-0.02	-0.02	-0.02		ppb
Copper	63-2	0.17	0.23	0.13	0.17	28.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				112		%
Indium	115-1				103		%
Indium	115-2				114		%
Iron	54-2	2.46	2.56	0.26	1.76	73.72	ppb
Iron	56-2	1.83	1.82	1.44	1.70	13.03	ppb
Iron	57-2	4.34	2.23	5.40	3.99	40.50	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 13:55:05	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.12	0.12	0.08	0.11	22.36	ppb
Lead	207-1	0.12	0.12	0.07	0.10	32.45	ppb
Lead	208-1	0.12	0.11	0.07	0.10	23.09	ppb
Lithium	6-1				89		%
Magnesium	24-2	2.86	2.08	1.46	2.13	33.07	ppb
Manganese	55-2	0.07	0.02	0.02	0.04	72.34	ppb
Molybdenum	94-1	0.19	0.08	0.13	0.13	41.27	ppb
Molybdenum	95-1	0.20	0.13	0.09	0.14	41.09	ppb
Molybdenum	96-1	0.20	0.11	0.11	0.14	36.32	ppb
Molybdenum	97-1	0.15	0.17	0.10	0.14	25.86	ppb
Molybdenum	98-1	0.26	0.10	0.14	0.16	49.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.01	0.00	0.00		ppb
Phosphorus	31-2	7.35	-20.41	-18.23	-10.43		ppb
Potassium	39-2	-2.07	4.76	-7.75	-1.69		ppb
Rhodium	103-1				102		%
Rhodium	103-2				107		%
Scandium	45-1				100		%
Scandium	45-2				108		%
Selenium	82-1	0.04	0.20	0.00	0.08	136.92	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.02	0.34	0.40	0.24	94.20	ppb
Silicon	28-1	1.74	1.05	-0.25	0.85	118.86	ppb
Silver	107-1	-0.01	0.01	-0.02	-0.01		ppb
Silver	109-1	0.01	0.01	0.01	0.01	35.28	ppb
Sodium	23-2	24.90	27.70	28.19	26.93	6.58	ppb
Strontium	86-1	0.20	0.13	0.02	0.12	74.17	ppb
Strontium	88-1	0.22	0.11	0.08	0.13	53.24	ppb
Sulfur	34-1	-1199.18	-1716.56	-2540.87	-1818.87		ppb
Terbium	159-1				105		%
Terbium	159-2				111		%
Thallium	203-1	0.05	0.09	0.05	0.06	31.56	ppb
Thallium	205-1	0.05	0.06	0.04	0.05	18.39	ppb
Tin	118-1	0.02	-0.03	-0.01	-0.01		ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 13:55:05	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.20	0.11	0.01	0.10	90.03	ppb
Uranium	238-1	0.01	0.00	0.00	0.01	83.00	ppb
Vanadium	51-2	0.00	0.01	0.00	0.01	117.07	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				114		%
Zinc	66-2	0.10	0.00	0.02	0.04	131.95	ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	38.37	ppb
Zirconium	91-1	-0.01	-0.01	-0.02	-0.01		ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 13:58:06	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.23	19.94	19.60	19.92	1.59	ppb
Antimony	121-1	1.87	1.86	1.99	1.91	3.71	ppb
Arsenic	75-2	0.93	1.06	0.99	1.00	6.45	ppb
Barium	135-1	9.93	9.46	9.03	9.47	4.72	ppb
Barium	137-1	9.72	9.20	9.11	9.34	3.49	ppb
Beryllium	9-1	1.11	1.15	1.14	1.13	1.61	ppb
Bismuth	209-1				105		%
Bismuth	209-2				109		%
Boron	10-1	17.03	18.36	18.40	17.93	4.35	ppb
Boron	11-1	17.79	19.10	19.31	18.73	4.40	ppb
Bromine	81-1						cps
Cadmium	111-1	1.06	1.10	1.00	1.05	4.67	ppb
Cadmium	106-1	1.66	-2.30	-1.07	-0.57		ppb
Cadmium	108-1	0.62	0.75	0.78	0.72	12.22	ppb
Calcium	43-1	499.69	507.94	472.35	493.33	3.78	ppb
Calcium	44-1	507.45	501.96	487.45	498.95	2.07	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.84	1.87	1.74	1.82	3.92	ppb
Cobalt	59-2	0.92	0.93	0.87	0.90	3.73	ppb
Copper	63-2	2.05	1.95	1.89	1.96	4.24	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				112		%
Indium	115-1				111		%
Indium	115-2				115		%
Iron	54-2	46.36	50.81	48.72	48.63	4.58	ppb
Iron	56-2	49.56	49.96	47.47	49.00	2.72	ppb
Iron	57-2	54.16	52.03	49.48	51.89	4.52	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 13:58:06	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.02	0.91	0.95	0.96	5.40	ppb
Lead	207-1	0.94	0.98	0.94	0.95	2.67	ppb
Lead	208-1	0.96	0.92	0.92	0.93	2.60	ppb
Lithium	6-1				93		%
Magnesium	24-2	494.01	466.01	454.25	471.42	4.33	ppb
Manganese	55-2	1.11	1.04	1.04	1.06	3.97	ppb
Molybdenum	94-1	5.14	5.28	5.63	5.35	4.70	ppb
Molybdenum	95-1	4.66	4.85	4.45	4.65	4.30	ppb
Molybdenum	96-1	4.66	4.87	4.56	4.70	3.31	ppb
Molybdenum	97-1	4.65	4.62	4.30	4.52	4.30	ppb
Molybdenum	98-1	4.88	4.62	4.47	4.66	4.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.01	0.91	0.89	0.94	6.40	ppb
Phosphorus	31-2	-3.21	-0.09	-5.72	-3.01		ppb
Potassium	39-2	455.81	447.16	438.29	447.09	1.96	ppb
Rhodium	103-1				110		%
Rhodium	103-2				110		%
Scandium	45-1				106		%
Scandium	45-2				109		%
Selenium	82-1	5.20	6.04	4.84	5.36	11.52	ppb
Selenium	77-2	6.63	5.05	5.03	5.57	16.46	ppb
Selenium	78-2	4.73	4.66	4.02	4.47	8.78	ppb
Silicon	28-1	0.57	0.25	-0.02	0.27	111.38	ppb
Silver	107-1	0.93	0.92	0.99	0.95	3.81	ppb
Silver	109-1	0.96	0.94	1.01	0.97	3.90	ppb
Sodium	23-2	505.35	495.81	475.46	492.21	3.10	ppb
Strontium	86-1	0.85	0.97	1.00	0.94	8.55	ppb
Strontium	88-1	0.98	1.03	0.92	0.98	5.68	ppb
Sulfur	34-1	-2449.08	-2531.99	-2933.50	-2638.19		ppb
Terbium	159-1				111		%
Terbium	159-2				110		%
Thallium	203-1	0.90	1.07	0.89	0.95	10.77	ppb
Thallium	205-1	0.99	1.00	0.95	0.98	2.67	ppb
Tin	118-1	5.01	5.14	4.90	5.02	2.37	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 13:58:06	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.59	4.84	4.93	4.79	3.64	ppb
Uranium	238-1	0.88	0.89	0.80	0.86	5.80	ppb
Vanadium	51-2	4.57	4.48	4.38	4.48	2.05	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				116		%
Zinc	66-2	2.51	2.42	2.28	2.41	4.94	ppb
Zirconium	90-1	0.95	0.86	0.93	0.91	5.07	ppb
Zirconium	91-1	0.99	0.84	0.92	0.92	8.33	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	PB151639BL	Instrumnet Name :	P8
Client Sample ID :	PB151639BL	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 14:01:10	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.16	0.41	0.49	0.68	60.04	ppb
Antimony	121-1	0.02	0.03	0.02	0.02	33.66	ppb
Arsenic	75-2	0.03	0.01	-0.02	0.01	427.18	ppb
Barium	135-1	0.00	-0.02	0.01	0.00		ppb
Barium	137-1	0.01	0.00	0.00	0.01	105.53	ppb
Beryllium	9-1	0.02	0.02	0.02	0.02	24.13	ppb
Bismuth	209-1				108		%
Bismuth	209-2				109		%
Boron	10-1	5.00	4.92	4.84	4.92	1.69	ppb
Boron	11-1	5.40	5.39	5.22	5.34	1.91	ppb
Bromine	81-1						cps
Cadmium	111-1	0.01	0.01	0.02	0.01	15.58	ppb
Cadmium	106-1	-0.78	-1.21	-0.03	-0.68		ppb
Cadmium	108-1	-0.13	-0.25	-0.13	-0.17		ppb
Calcium	43-1	2.57	-0.53	0.96	1.00	154.90	ppb
Calcium	44-1	7.04	5.62	6.70	6.45	11.47	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.06	0.01	0.02	-0.01		ppb
Cobalt	59-2	-0.02	-0.02	-0.02	-0.02		ppb
Copper	63-2	0.10	0.10	0.09	0.10	7.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				115		%
Indium	115-1				112		%
Indium	115-2				115		%
Iron	54-2	1.87	2.85	2.10	2.27	22.47	ppb
Iron	56-2	0.86	0.96	0.63	0.82	20.27	ppb
Iron	57-2	2.64	3.32	2.44	2.80	16.52	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	PB151639BL	Instrumnet Name :	P8
Client Sample ID :	PB151639BL	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 14:01:10	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.03	0.03	0.04	0.04	20.16	ppb
Lead	207-1	0.03	0.06	0.06	0.05	33.84	ppb
Lead	208-1	0.03	0.04	0.05	0.04	20.33	ppb
Lithium	6-1				95		%
Magnesium	24-2	1.39	1.15	-0.12	0.81	100.01	ppb
Manganese	55-2	0.02	0.03	0.05	0.03	38.86	ppb
Molybdenum	94-1	0.05	0.04	0.09	0.06	48.82	ppb
Molybdenum	95-1	0.04	0.03	0.05	0.04	23.58	ppb
Molybdenum	96-1	0.03	0.03	0.04	0.03	16.44	ppb
Molybdenum	97-1	0.03	0.03	0.04	0.03	22.85	ppb
Molybdenum	98-1	0.04	0.01	0.04	0.03	46.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.01	-0.03	-0.02		ppb
Phosphorus	31-2	-21.83	-10.66	-16.00	-16.16		ppb
Potassium	39-2	-18.03	-14.27	-12.40	-14.90		ppb
Rhodium	103-1				110		%
Rhodium	103-2				109		%
Scandium	45-1				109		%
Scandium	45-2				110		%
Selenium	82-1	0.12	-0.23	0.50	0.13	284.04	ppb
Selenium	77-2	0.83	0.00	0.00	0.28	173.21	ppb
Selenium	78-2	0.26	-0.39	-0.63	-0.25		ppb
Silicon	28-1	-1.72	-1.50	-1.38	-1.53		ppb
Silver	107-1	0.00	-0.02	-0.01	-0.01		ppb
Silver	109-1	0.02	0.02	0.00	0.01	61.75	ppb
Sodium	23-2	20.28	19.47	17.04	18.93	8.90	ppb
Strontium	86-1	-0.06	-0.04	-0.01	-0.03		ppb
Strontium	88-1	0.04	0.01	0.04	0.03	68.23	ppb
Sulfur	34-1	-2933.56	-2871.15	-2754.40	-2853.04		ppb
Terbium	159-1				111		%
Terbium	159-2				111		%
Thallium	203-1	0.03	0.05	0.07	0.05	38.75	ppb
Thallium	205-1	0.04	0.04	0.02	0.03	36.82	ppb
Tin	118-1	-0.03	-0.03	-0.04	-0.03		ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	PB151639BL	Instrumnet Name :	P8
Client Sample ID :	PB151639BL	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 14:01:10	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.13	-0.06	0.00	0.03	362.84	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	117.12	ppb
Vanadium	51-2	0.01	0.00	0.00	0.00	93.90	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				116		%
Zinc	66-2	-0.01	-0.04	-0.09	-0.05		ppb
Zirconium	90-1	0.00	0.02	0.01	0.01	77.04	ppb
Zirconium	91-1	-0.01	0.01	0.01	0.00	228.74	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	PB151639BS	Instrumnet Name :	P8
Client Sample ID :	PB151639BS	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 14:04:11	DataFile Name :	023LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9727.10	9585.49	9143.11	9485.23	3.21	ppb
Antimony	121-1	486.43	514.27	497.57	499.42	2.81	ppb
Arsenic	75-2	495.49	461.10	443.84	466.81	5.63	ppb
Barium	135-1	2429.91	2654.07	2511.83	2531.94	4.48	ppb
Barium	137-1	2462.55	2582.72	2513.39	2519.56	2.39	ppb
Beryllium	9-1	497.43	502.09	522.39	507.30	2.62	ppb
Bismuth	209-1				104		%
Bismuth	209-2				107		%
Boron	10-1	328.62	354.36	365.54	349.50	5.42	ppb
Boron	11-1	357.29	384.74	395.44	379.16	5.19	ppb
Bromine	81-1						cps
Cadmium	111-1	482.74	523.59	500.21	502.18	4.08	ppb
Cadmium	106-1	494.12	527.26	483.41	501.60	4.56	ppb
Cadmium	108-1	493.61	517.11	500.07	503.60	2.41	ppb
Calcium	43-1	53617.17	59215.53	55519.22	56117.31	5.07	ppb
Calcium	44-1	51036.20	55723.31	54292.28	53683.93	4.47	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	469.22	454.81	429.43	451.15	4.46	ppb
Cobalt	59-2	502.05	490.08	451.52	481.22	5.49	ppb
Copper	63-2	4969.32	4706.51	4603.18	4759.67	3.97	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				112		%
Holmium	165-2				117		%
Indium	115-1				107		%
Indium	115-2				117		%
Iron	54-2	27440.39	25911.81	25429.56	26260.59	4.00	ppb
Iron	56-2	25526.71	25395.73	23855.10	24925.85	3.73	ppb
Iron	57-2	25598.94	24944.54	23461.54	24668.34	4.44	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	PB151639BS	Instrumnet Name :	P8
Client Sample ID :	PB151639BS	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 14:04:11	DataFile Name :	023LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2326.83	2552.02	2448.09	2442.32	4.61	ppb
Lead	207-1	2340.21	2529.67	2457.96	2442.61	3.92	ppb
Lead	208-1	2333.25	2500.45	2445.84	2426.51	3.51	ppb
Lithium	6-1				96		%
Magnesium	24-2	51349.43	50419.53	47857.39	49875.45	3.63	ppb
Manganese	55-2	4979.85	4787.77	4564.66	4777.43	4.35	ppb
Molybdenum	94-1	4712.47	4852.41	4804.59	4789.82	1.49	ppb
Molybdenum	95-1	4692.00	4903.53	4857.25	4817.59	2.31	ppb
Molybdenum	96-1	4719.91	4942.84	4818.49	4827.08	2.31	ppb
Molybdenum	97-1	4724.61	4929.86	4878.06	4844.18	2.20	ppb
Molybdenum	98-1	4804.57	4865.05	4818.26	4829.29	0.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	494.18	483.80	446.65	474.87	5.26	ppb
Phosphorus	31-2	9905.76	9631.33	9301.81	9612.97	3.15	ppb
Potassium	39-2	24932.62	25051.20	24505.72	24829.85	1.16	ppb
Rhodium	103-1				107		%
Rhodium	103-2				109		%
Scandium	45-1				107		%
Scandium	45-2				113		%
Selenium	82-1	476.24	506.38	496.07	492.89	3.11	ppb
Selenium	77-2	513.43	466.22	473.45	484.37	5.25	ppb
Selenium	78-2	490.12	463.92	453.32	469.12	4.04	ppb
Silicon	28-1	279.43	319.34	314.16	304.31	7.13	ppb
Silver	107-1	496.47	533.34	501.24	510.35	3.93	ppb
Silver	109-1	473.87	522.80	486.59	494.42	5.13	ppb
Sodium	23-2	50060.05	48491.45	47656.83	48736.11	2.50	ppb
Strontium	86-1	11670.09	12721.34	12182.32	12191.25	4.31	ppb
Strontium	88-1	11579.61	12608.92	12265.66	12151.40	4.31	ppb
Sulfur	34-1	8673.81	10648.59	9638.43	9653.61	10.23	ppb
Terbium	159-1				111		%
Terbium	159-2				117		%
Thallium	203-1	465.73	503.90	487.13	485.58	3.94	ppb
Thallium	205-1	471.59	505.21	484.48	487.10	3.48	ppb
Tin	118-1	488.03	519.83	494.64	500.83	3.35	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	PB151639BS	Instrumnet Name :	P8
Client Sample ID :	PB151639BS	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 14:04:11	DataFile Name :	023LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4549.54	5126.27	4859.55	4845.12	5.96	ppb
Uranium	238-1	446.03	479.39	471.22	465.54	3.74	ppb
Vanadium	51-2	483.75	467.61	444.37	465.24	4.26	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				121		%
Zinc	66-2	5100.86	4875.98	4547.60	4841.48	5.75	ppb
Zirconium	90-1	471.91	487.00	484.15	481.02	1.67	ppb
Zirconium	91-1	463.93	484.85	473.99	474.26	2.21	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	O2028-01	Instrumnet Name :	P8
Client Sample ID :	TR-05-032123	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 14:14:35	DataFile Name :	024AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	73940.07	75643.22	72725.31	74102.87	1.98	ppb
Antimony	121-1	0.18	0.17	0.16	0.17	7.66	ppb
Arsenic	75-2	35.58	36.33	35.84	35.92	1.07	ppb
Barium	135-1	349.63	361.72	366.86	359.40	2.46	ppb
Barium	137-1	356.00	363.32	371.87	363.73	2.18	ppb
Beryllium	9-1	4.24	4.19	4.54	4.33	4.42	ppb
Bismuth	209-1				129		%
Bismuth	209-2				125		%
Boron	10-1	36.59	39.96	42.45	39.67	7.41	ppb
Boron	11-1	39.99	43.07	46.53	43.20	7.57	ppb
Bromine	81-1						cps
Cadmium	111-1	0.58	0.60	0.64	0.61	5.19	ppb
Cadmium	106-1	8.93	12.70	10.35	10.66	17.84	ppb
Cadmium	108-1	5.52	5.00	5.03	5.19	5.57	ppb
Calcium	43-1	47964.53	47431.18	48197.02	47864.24	0.82	ppb
Calcium	44-1	47559.10	47635.08	46787.94	47327.37	0.99	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	128.62	130.62	130.23	129.82	0.82	ppb
Cobalt	59-2	59.65	61.44	59.53	60.21	1.78	ppb
Copper	63-2	139.65	142.58	141.68	141.30	1.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				140		%
Holmium	165-2				136		%
Indium	115-1				137		%
Indium	115-2				138		%
Iron	54-2	141138.31	149870.92	140078.15	143695.79	3.74	ppb
Iron	56-2	136591.17	140469.34	138898.16	138652.89	1.41	ppb
Iron	57-2	143158.32	144399.09	138477.37	142011.59	2.20	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	O2028-01	Instrumnet Name :	P8
Client Sample ID :	TR-05-032123	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 14:14:35	DataFile Name :	024AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	164.30	168.11	163.30	165.24	1.54	ppb
Lead	207-1	153.75	156.39	154.38	154.84	0.89	ppb
Lead	208-1	163.29	165.70	163.43	164.14	0.82	ppb
Lithium	6-1				116		%
Magnesium	24-2	26322.83	27463.07	26133.53	26639.81	2.70	ppb
Manganese	55-2	2159.41	2233.99	2137.82	2177.08	2.32	ppb
Molybdenum	94-1	71.97	74.59	73.63	73.40	1.80	ppb
Molybdenum	95-1	2.65	2.74	2.75	2.71	1.87	ppb
Molybdenum	96-1	11.16	11.32	10.96	11.15	1.61	ppb
Molybdenum	97-1	2.86	2.85	2.99	2.90	2.67	ppb
Molybdenum	98-1	2.88	2.83	2.70	2.80	3.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	129.85	130.41	127.18	129.15	1.34	ppb
Phosphorus	31-2	2616.36	2563.31	2591.63	2590.43	1.02	ppb
Potassium	39-2	5882.49	6032.64	5905.18	5940.10	1.36	ppb
Rhodium	103-1				130		%
Rhodium	103-2				128		%
Scandium	45-1				140		%
Scandium	45-2				136		%
Selenium	82-1	1.81	2.28	2.44	2.18	14.98	ppb
Selenium	77-2	33.59	42.98	38.64	38.40	12.24	ppb
Selenium	78-2	10.39	7.99	8.50	8.96	14.12	ppb
Silicon	28-1	416.22	331.75	350.01	365.99	12.15	ppb
Silver	107-1	0.19	0.22	0.23	0.21	9.96	ppb
Silver	109-1	0.14	0.18	0.19	0.17	16.69	ppb
Sodium	23-2	3896.74	4143.55	3932.30	3990.86	3.34	ppb
Strontium	86-1	182.74	181.67	182.59	182.33	0.32	ppb
Strontium	88-1	184.88	184.50	181.15	183.51	1.12	ppb
Sulfur	34-1	-3696.01	-3912.31	-3509.02	-3705.78		ppb
Terbium	159-1				139		%
Terbium	159-2				134		%
Thallium	203-1	0.66	0.69	0.67	0.67	2.24	ppb
Thallium	205-1	0.73	0.72	0.72	0.72	0.93	ppb
Tin	118-1	10.04	10.60	10.28	10.31	2.72	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	O2028-01	Instrumnet Name :	P8
Client Sample ID :	TR-05-032123	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 14:14:35	DataFile Name :	024AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	569.51	545.50	559.55	558.19	2.16	ppb
Uranium	238-1	5.89	5.84	5.76	5.83	1.10	ppb
Vanadium	51-2	170.94	175.88	171.59	172.80	1.55	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				148		%
Yttrium	89-2				153		%
Zinc	66-2	387.08	397.02	385.76	389.95	1.58	ppb
Zirconium	90-1	40.39	42.10	41.73	41.41	2.17	ppb
Zirconium	91-1	40.27	40.74	41.19	40.73	1.14	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	O2028-01DLX5	Instrumnet Name :	P8
Client Sample ID :	TR-05-032123DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-24 14:17:28	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14686.38	14213.28	13953.95	14284.54	2.60	ppb
Antimony	121-1	0.04	0.06	0.04	0.05	21.74	ppb
Arsenic	75-2	7.42	7.06	6.82	7.10	4.28	ppb
Barium	135-1	76.52	72.28	71.32	73.37	3.77	ppb
Barium	137-1	77.49	74.34	70.00	73.94	5.09	ppb
Beryllium	9-1	0.94	0.87	0.81	0.87	7.39	ppb
Bismuth	209-1				104		%
Bismuth	209-2				112		%
Boron	10-1	15.73	14.30	14.27	14.77	5.66	ppb
Boron	11-1	17.20	15.50	15.20	15.96	6.76	ppb
Bromine	81-1						cps
Cadmium	111-1	0.02	0.05	0.09	0.05	70.88	ppb
Cadmium	106-1	-2.08	1.20	-2.11	-1.00		ppb
Cadmium	108-1	1.26	1.25	1.07	1.19	8.83	ppb
Calcium	43-1	10697.91	9768.54	9463.11	9976.52	6.45	ppb
Calcium	44-1	10774.96	9798.44	9645.53	10072.98	6.08	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	25.93	25.31	24.78	25.34	2.26	ppb
Cobalt	59-2	12.13	11.53	11.56	11.74	2.91	ppb
Copper	63-2	29.11	27.42	26.55	27.69	4.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				116		%
Indium	115-1				110		%
Indium	115-2				118		%
Iron	54-2	28747.46	28385.35	28462.91	28531.90	0.67	ppb
Iron	56-2	28245.10	27975.67	27040.63	27753.80	2.28	ppb
Iron	57-2	27787.01	27270.36	26550.05	27202.47	2.28	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	O2028-01DLX5	Instrumnet Name :	P8
Client Sample ID :	TR-05-032123DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-24 14:17:28	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	35.37	32.16	31.52	33.02	6.26	ppb
Lead	207-1	32.56	29.73	29.53	30.61	5.53	ppb
Lead	208-1	33.49	30.51	30.20	31.40	5.79	ppb
Lithium	6-1				92		%
Magnesium	24-2	5359.36	5174.06	5067.52	5200.31	2.84	ppb
Manganese	55-2	414.64	406.30	399.79	406.91	1.83	ppb
Molybdenum	94-1	17.01	15.40	15.17	15.86	6.32	ppb
Molybdenum	95-1	0.76	0.63	0.63	0.67	10.74	ppb
Molybdenum	96-1	2.60	2.40	2.26	2.42	6.91	ppb
Molybdenum	97-1	0.61	0.65	0.62	0.62	3.70	ppb
Molybdenum	98-1	0.75	0.52	0.50	0.59	23.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.22	24.81	25.79	25.27	1.96	ppb
Phosphorus	31-2	497.04	395.50	446.23	446.25	11.38	ppb
Potassium	39-2	1165.69	1117.00	1128.69	1137.13	2.24	ppb
Rhodium	103-1				108		%
Rhodium	103-2				111		%
Scandium	45-1				108		%
Scandium	45-2				113		%
Selenium	82-1	0.27	0.45	0.45	0.39	27.31	ppb
Selenium	77-2	6.43	8.29	15.09	9.94	45.86	ppb
Selenium	78-2	1.73	1.40	0.59	1.24	47.27	ppb
Silicon	28-1	74.39	67.33	64.75	68.83	7.25	ppb
Silver	107-1	0.01	0.01	0.02	0.01	43.56	ppb
Silver	109-1	0.02	0.02	0.01	0.02	17.21	ppb
Sodium	23-2	800.32	757.16	779.56	779.01	2.77	ppb
Strontium	86-1	42.50	38.23	36.26	38.99	8.18	ppb
Strontium	88-1	42.06	37.86	36.83	38.92	7.11	ppb
Sulfur	34-1	-1891.33	-3270.77	-3156.06	-2772.72		ppb
Terbium	159-1				109		%
Terbium	159-2				116		%
Thallium	203-1	0.17	0.13	0.14	0.15	17.53	ppb
Thallium	205-1	0.19	0.14	0.17	0.17	12.58	ppb
Tin	118-1	2.59	2.20	2.07	2.29	11.65	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	O2028-01DLX5	Instrumnet Name :	P8
Client Sample ID :	TR-05-032123DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-24 14:17:28	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	138.77	110.40	107.75	118.97	14.45	ppb
Uranium	238-1	1.23	1.12	1.05	1.13	7.89	ppb
Vanadium	51-2	34.28	32.82	32.20	33.10	3.23	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				120		%
Zinc	66-2	76.33	71.19	71.19	72.90	4.08	ppb
Zirconium	90-1	9.51	8.56	8.37	8.81	6.92	ppb
Zirconium	91-1	9.63	8.66	7.81	8.70	10.48	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	O2028-01DUP	Instrumnet Name :	P8
Client Sample ID :	TR-05-032123DUP	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 14:20:29	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	74391.12	74120.26	73732.97	74081.45	0.45	ppb
Antimony	121-1	0.16	0.14	0.12	0.14	13.47	ppb
Arsenic	75-2	41.32	42.05	40.42	41.26	1.98	ppb
Barium	135-1	361.39	368.85	359.01	363.08	1.41	ppb
Barium	137-1	358.67	370.88	360.99	363.51	1.78	ppb
Beryllium	9-1	4.73	4.80	4.87	4.80	1.51	ppb
Bismuth	209-1				128		%
Bismuth	209-2				123		%
Boron	10-1	22.66	25.81	26.50	24.99	8.21	ppb
Boron	11-1	24.99	27.59	29.26	27.28	7.89	ppb
Bromine	81-1						cps
Cadmium	111-1	0.54	0.54	0.50	0.53	4.54	ppb
Cadmium	106-1	10.66	10.06	10.99	10.57	4.45	ppb
Cadmium	108-1	5.63	4.96	5.66	5.42	7.36	ppb
Calcium	43-1	61027.27	63462.34	64447.69	62979.10	2.80	ppb
Calcium	44-1	59238.33	62675.91	62242.00	61385.41	3.05	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	186.49	175.96	181.99	181.48	2.91	ppb
Cobalt	59-2	57.62	55.90	57.17	56.90	1.56	ppb
Copper	63-2	152.61	148.70	148.64	149.99	1.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				139		%
Holmium	165-2				134		%
Indium	115-1				138		%
Indium	115-2				133		%
Iron	54-2	160057.80	153330.73	151470.40	154952.98	2.92	ppb
Iron	56-2	155399.95	150655.89	149631.67	151895.84	2.03	ppb
Iron	57-2	160543.99	149649.15	157585.35	155926.16	3.61	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	O2028-01DUP	Instrumnet Name :	P8
Client Sample ID :	TR-05-032123DUP	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 14:20:29	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	200.79	213.03	215.85	209.89	3.81	ppb
Lead	207-1	186.66	194.34	196.92	192.64	2.77	ppb
Lead	208-1	201.56	210.54	210.37	207.49	2.48	ppb
Lithium	6-1				115		%
Magnesium	24-2	27502.37	26726.86	27149.99	27126.41	1.43	ppb
Manganese	55-2	2127.74	2036.39	2084.61	2082.91	2.19	ppb
Molybdenum	94-1	71.02	71.71	71.06	71.27	0.54	ppb
Molybdenum	95-1	2.47	2.60	2.67	2.58	3.80	ppb
Molybdenum	96-1	10.72	10.82	10.36	10.64	2.27	ppb
Molybdenum	97-1	2.36	2.42	2.40	2.39	1.22	ppb
Molybdenum	98-1	2.57	2.44	2.63	2.54	3.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	123.22	121.50	122.21	122.31	0.71	ppb
Phosphorus	31-2	2971.67	2933.92	2868.85	2924.81	1.78	ppb
Potassium	39-2	6200.17	5938.88	6096.52	6078.52	2.16	ppb
Rhodium	103-1				135		%
Rhodium	103-2				125		%
Scandium	45-1				141		%
Scandium	45-2				133		%
Selenium	82-1	2.09	1.85	2.71	2.21	20.02	ppb
Selenium	77-2	36.58	41.01	43.98	40.53	9.19	ppb
Selenium	78-2	11.11	10.39	8.69	10.06	12.34	ppb
Silicon	28-1	313.84	320.48	331.30	321.87	2.74	ppb
Silver	107-1	0.22	0.21	0.23	0.22	4.80	ppb
Silver	109-1	0.17	0.21	0.18	0.19	9.36	ppb
Sodium	23-2	4078.33	4009.26	4012.70	4033.43	0.96	ppb
Strontium	86-1	199.42	207.94	202.06	203.14	2.15	ppb
Strontium	88-1	199.73	206.47	205.92	204.04	1.84	ppb
Sulfur	34-1	-4352.82	-3670.78	-3512.44	-3845.35		ppb
Terbium	159-1				140		%
Terbium	159-2				134		%
Thallium	203-1	0.66	0.69	0.64	0.66	4.00	ppb
Thallium	205-1	0.63	0.64	0.68	0.65	3.91	ppb
Tin	118-1	7.12	7.80	7.66	7.53	4.75	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	O2028-01DUP	Instrumnet Name :	P8
Client Sample ID :	TR-05-032123DUP	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 14:20:29	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	510.46	546.00	525.01	527.16	3.39	ppb
Uranium	238-1	5.89	6.38	6.13	6.14	3.99	ppb
Vanadium	51-2	197.23	192.41	195.94	195.19	1.28	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				151		%
Yttrium	89-2				151		%
Zinc	66-2	383.74	378.81	380.65	381.07	0.65	ppb
Zirconium	90-1	40.13	39.95	39.79	39.95	0.43	ppb
Zirconium	91-1	38.46	39.21	40.60	39.42	2.76	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	O2028-01DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	TR-05-032123DUPDL	Dilution Factor :	5
Date & Time Acquired :	2023-03-24 14:23:21	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14353.28	13889.43	13444.45	13895.72	3.27	ppb
Antimony	121-1	0.03	0.03	0.03	0.03	6.63	ppb
Arsenic	75-2	7.52	7.39	6.94	7.28	4.19	ppb
Barium	135-1	72.81	70.98	70.83	71.54	1.54	ppb
Barium	137-1	71.32	71.23	69.55	70.70	1.41	ppb
Beryllium	9-1	0.80	0.85	0.87	0.84	3.98	ppb
Bismuth	209-1				104		%
Bismuth	209-2				105		%
Boron	10-1	11.53	12.43	12.62	12.19	4.77	ppb
Boron	11-1	12.59	13.35	13.68	13.21	4.21	ppb
Bromine	81-1						cps
Cadmium	111-1	0.14	0.12	0.11	0.13	11.95	ppb
Cadmium	106-1	0.33	0.22	-0.35	0.06	561.12	ppb
Cadmium	108-1	1.24	0.62	0.74	0.87	37.85	ppb
Calcium	43-1	9938.86	10163.32	10200.03	10100.74	1.40	ppb
Calcium	44-1	10121.82	10348.13	10190.31	10220.09	1.14	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	27.01	27.25	25.98	26.75	2.52	ppb
Cobalt	59-2	11.86	11.74	10.97	11.52	4.22	ppb
Copper	63-2	29.08	27.95	26.74	27.92	4.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				111		%
Indium	115-1				108		%
Indium	115-2				111		%
Iron	54-2	29235.29	28705.97	28653.72	28864.99	1.11	ppb
Iron	56-2	27929.71	27636.79	27063.12	27543.21	1.60	ppb
Iron	57-2	28176.59	27377.58	26490.70	27348.29	3.08	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	O2028-01DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	TR-05-032123DUPDL	Dilution Factor :	5
Date & Time Acquired :	2023-03-24 14:23:21	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	32.88	31.21	33.03	32.37	3.12	ppb
Lead	207-1	30.65	29.33	30.77	30.25	2.64	ppb
Lead	208-1	31.45	30.68	31.91	31.35	1.97	ppb
Lithium	6-1				92		%
Magnesium	24-2	5245.84	5075.30	4851.29	5057.48	3.91	ppb
Manganese	55-2	405.49	400.53	388.09	398.04	2.25	ppb
Molybdenum	94-1	15.65	15.06	15.69	15.47	2.25	ppb
Molybdenum	95-1	0.58	0.58	0.60	0.58	2.24	ppb
Molybdenum	96-1	2.38	2.30	2.43	2.37	2.70	ppb
Molybdenum	97-1	0.64	0.61	0.59	0.61	4.06	ppb
Molybdenum	98-1	0.51	0.53	0.59	0.54	8.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.82	25.22	23.71	24.58	3.18	ppb
Phosphorus	31-2	592.77	422.85	477.54	497.72	17.43	ppb
Potassium	39-2	1184.41	1164.62	1123.68	1157.57	2.68	ppb
Rhodium	103-1				107		%
Rhodium	103-2				105		%
Scandium	45-1				107		%
Scandium	45-2				107		%
Selenium	82-1	0.86	0.45	0.05	0.45	89.05	ppb
Selenium	77-2	7.69	8.51	3.37	6.52	42.37	ppb
Selenium	78-2	2.58	1.71	2.17	2.15	20.17	ppb
Silicon	28-1	70.42	72.81	65.67	69.63	5.22	ppb
Silver	107-1	0.02	0.02	0.02	0.02	18.87	ppb
Silver	109-1	0.02	0.03	0.01	0.02	49.74	ppb
Sodium	23-2	786.00	755.75	742.19	761.32	2.95	ppb
Strontium	86-1	37.79	38.89	39.23	38.63	1.95	ppb
Strontium	88-1	38.63	39.27	38.43	38.77	1.13	ppb
Sulfur	34-1	-2815.50	-2983.52	-2472.81	-2757.28		ppb
Terbium	159-1				108		%
Terbium	159-2				108		%
Thallium	203-1	0.17	0.17	0.22	0.19	14.24	ppb
Thallium	205-1	0.16	0.15	0.16	0.16	5.17	ppb
Tin	118-1	2.00	1.91	1.99	1.97	2.41	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	O2028-01DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	TR-05-032123DUPDL	Dilution Factor :	5
Date & Time Acquired :	2023-03-24 14:23:21	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	109.13	108.50	108.96	108.86	0.30	ppb
Uranium	238-1	1.01	1.05	1.10	1.05	4.47	ppb
Vanadium	51-2	33.68	33.90	32.94	33.51	1.50	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				114		%
Zinc	66-2	74.46	71.23	69.62	71.77	3.44	ppb
Zirconium	90-1	8.46	8.74	8.72	8.64	1.78	ppb
Zirconium	91-1	8.28	8.55	8.96	8.60	3.98	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	O2028-01LX5	Instrumnet Name :	P8
Client Sample ID :	TR-05-032123L	Dilution Factor :	5
Date & Time Acquired :	2023-03-24 14:26:22	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14196.45	13476.95	13584.63	13752.68	2.82	ppb
Antimony	121-1	0.04	0.04	0.03	0.04	14.15	ppb
Arsenic	75-2	6.61	7.13	6.48	6.74	5.18	ppb
Barium	135-1	67.03	67.16	69.60	67.93	2.14	ppb
Barium	137-1	65.43	67.28	66.96	66.56	1.48	ppb
Beryllium	9-1	0.80	0.82	0.79	0.80	1.95	ppb
Bismuth	209-1				104		%
Bismuth	209-2				107		%
Boron	10-1	10.61	10.81	11.63	11.02	4.90	ppb
Boron	11-1	11.75	12.65	12.59	12.33	4.07	ppb
Bromine	81-1						cps
Cadmium	111-1	0.09	0.07	0.09	0.08	13.61	ppb
Cadmium	106-1	0.49	0.45	1.27	0.74	61.95	ppb
Cadmium	108-1	1.11	0.84	0.91	0.95	14.94	ppb
Calcium	43-1	9141.34	9473.43	9654.87	9423.21	2.76	ppb
Calcium	44-1	9078.74	9616.90	9658.60	9451.41	3.42	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	25.23	23.82	24.11	24.39	3.04	ppb
Cobalt	59-2	11.64	11.33	11.04	11.34	2.65	ppb
Copper	63-2	27.97	26.94	26.52	27.15	2.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				111		%
Indium	115-1				110		%
Indium	115-2				115		%
Iron	54-2	28395.11	26934.96	26760.58	27363.55	3.28	ppb
Iron	56-2	27386.38	26576.98	26640.45	26867.93	1.68	ppb
Iron	57-2	26607.21	25709.89	26099.16	26138.75	1.72	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	O2028-01LX5	Instrumnet Name :	P8
Client Sample ID :	TR-05-032123L	Dilution Factor :	5
Date & Time Acquired :	2023-03-24 14:26:22	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	31.06	31.02	31.54	31.21	0.93	ppb
Lead	207-1	28.72	28.37	29.13	28.74	1.33	ppb
Lead	208-1	29.31	29.47	30.01	29.60	1.25	ppb
Lithium	6-1				93		%
Magnesium	24-2	5178.77	4970.58	4910.11	5019.82	2.81	ppb
Manganese	55-2	408.77	383.92	387.35	393.35	3.42	ppb
Molybdenum	94-1	15.55	14.00	15.42	14.99	5.75	ppb
Molybdenum	95-1	0.62	0.61	0.61	0.61	1.43	ppb
Molybdenum	96-1	2.30	2.12	2.38	2.26	5.84	ppb
Molybdenum	97-1	0.63	0.52	0.59	0.58	9.99	ppb
Molybdenum	98-1	0.62	0.51	0.56	0.56	10.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.33	24.38	24.27	24.66	2.37	ppb
Phosphorus	31-2	448.89	504.73	445.37	466.33	7.14	ppb
Potassium	39-2	1107.77	1087.49	1114.29	1103.18	1.27	ppb
Rhodium	103-1				110		%
Rhodium	103-2				109		%
Scandium	45-1				107		%
Scandium	45-2				110		%
Selenium	82-1	0.41	0.57	0.11	0.36	63.62	ppb
Selenium	77-2	8.31	8.18	10.65	9.05	15.37	ppb
Selenium	78-2	1.49	2.35	3.02	2.29	33.44	ppb
Silicon	28-1	70.56	63.27	65.20	66.34	5.70	ppb
Silver	107-1	0.01	0.01	0.01	0.01	20.20	ppb
Silver	109-1	0.03	0.01	0.03	0.02	62.83	ppb
Sodium	23-2	767.81	735.90	736.56	746.76	2.44	ppb
Strontium	86-1	36.50	35.52	38.04	36.69	3.46	ppb
Strontium	88-1	36.59	36.57	37.45	36.87	1.37	ppb
Sulfur	34-1	-3203.09	-2992.74	-2399.42	-2865.08		ppb
Terbium	159-1				113		%
Terbium	159-2				113		%
Thallium	203-1	0.19	0.12	0.15	0.16	21.31	ppb
Thallium	205-1	0.15	0.14	0.17	0.15	9.72	ppb
Tin	118-1	2.01	1.91	2.30	2.07	9.90	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	O2028-01LX5	Instrumnet Name :	P8
Client Sample ID :	TR-05-032123L	Dilution Factor :	5
Date & Time Acquired :	2023-03-24 14:26:22	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	107.11	104.19	108.41	106.57	2.03	ppb
Uranium	238-1	1.07	1.05	1.07	1.06	1.26	ppb
Vanadium	51-2	32.42	31.60	31.30	31.77	1.82	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				118		%
Zinc	66-2	71.14	68.10	69.12	69.46	2.23	ppb
Zirconium	90-1	8.36	8.58	8.57	8.51	1.44	ppb
Zirconium	91-1	8.09	8.25	8.09	8.15	1.14	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	O2028-01LDLX25	Instrumnet Name :	P8
Client Sample ID :	TR-05-032123LDL	Dilution Factor :	25
Date & Time Acquired :	2023-03-24 14:29:20	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2810.67	2680.59	2703.48	2731.58	2.54	ppb
Antimony	121-1	0.03	0.01	0.01	0.02	59.41	ppb
Arsenic	75-2	1.34	1.27	1.39	1.34	4.54	ppb
Barium	135-1	13.71	13.21	12.40	13.11	5.06	ppb
Barium	137-1	13.69	13.42	12.39	13.17	5.21	ppb
Beryllium	9-1	0.16	0.17	0.17	0.17	0.96	ppb
Bismuth	209-1				104		%
Bismuth	209-2				105		%
Boron	10-1	5.18	4.97	4.93	5.03	2.64	ppb
Boron	11-1	5.90	5.57	5.41	5.63	4.43	ppb
Bromine	81-1						cps
Cadmium	111-1	0.01	-0.01	-0.04	-0.01		ppb
Cadmium	106-1	-1.20	-2.98	-4.64	-2.94		ppb
Cadmium	108-1	0.03	0.15	0.10	0.10	61.05	ppb
Calcium	43-1	1846.50	1812.00	1657.87	1772.12	5.67	ppb
Calcium	44-1	1845.21	1827.04	1648.23	1773.50	6.14	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.94	4.62	4.77	4.78	3.28	ppb
Cobalt	59-2	2.35	2.26	2.18	2.26	3.76	ppb
Copper	63-2	5.25	5.58	5.16	5.33	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				111		%
Holmium	165-2				109		%
Indium	115-1				111		%
Indium	115-2				110		%
Iron	54-2	5232.57	5176.51	5179.79	5196.29	0.61	ppb
Iron	56-2	5448.06	5433.61	5525.12	5468.93	0.90	ppb
Iron	57-2	5292.90	5191.09	5331.67	5271.88	1.38	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	O2028-01LDLX25	Instrumnet Name :	P8
Client Sample ID :	TR-05-032123LDL	Dilution Factor :	25
Date & Time Acquired :	2023-03-24 14:29:20	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	6.14	5.80	5.71	5.88	3.87	ppb
Lead	207-1	5.69	5.66	5.20	5.52	4.94	ppb
Lead	208-1	5.83	5.71	5.36	5.63	4.33	ppb
Lithium	6-1				92		%
Magnesium	24-2	1008.04	1001.21	968.48	992.57	2.13	ppb
Manganese	55-2	78.70	79.38	78.58	78.89	0.55	ppb
Molybdenum	94-1	3.10	2.82	2.71	2.88	6.84	ppb
Molybdenum	95-1	0.18	0.15	0.12	0.15	17.37	ppb
Molybdenum	96-1	0.45	0.46	0.43	0.45	3.93	ppb
Molybdenum	97-1	0.13	0.18	0.10	0.14	28.18	ppb
Molybdenum	98-1	0.15	0.15	0.13	0.14	5.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.90	5.01	5.19	5.03	2.95	ppb
Phosphorus	31-2	62.22	110.30	43.08	71.86	48.19	ppb
Potassium	39-2	232.41	227.10	217.13	225.55	3.44	ppb
Rhodium	103-1				110		%
Rhodium	103-2				104		%
Scandium	45-1				108		%
Scandium	45-2				104		%
Selenium	82-1	0.06	0.13	-0.32	-0.04		ppb
Selenium	77-2	0.00	0.89	3.47	1.45	124.00	ppb
Selenium	78-2	1.07	-0.06	0.29	0.43	135.05	ppb
Silicon	28-1	12.52	11.45	9.05	11.01	16.12	ppb
Silver	107-1	-0.03	-0.02	-0.02	-0.02		ppb
Silver	109-1	-0.01	-0.01	-0.02	-0.01		ppb
Sodium	23-2	166.48	162.33	161.85	163.55	1.56	ppb
Strontium	86-1	7.44	7.23	6.35	7.00	8.29	ppb
Strontium	88-1	7.29	7.14	6.75	7.06	3.91	ppb
Sulfur	34-1	-3223.40	-3001.24	-3935.42	-3386.68		ppb
Terbium	159-1				110		%
Terbium	159-2				109		%
Thallium	203-1	0.07	0.04	0.05	0.05	24.96	ppb
Thallium	205-1	0.06	0.06	0.04	0.05	18.20	ppb
Tin	118-1	0.55	0.53	0.44	0.50	11.89	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	O2028-01LDLX25	Instrumnet Name :	P8
Client Sample ID :	TR-05-032123LDL	Dilution Factor :	25
Date & Time Acquired :	2023-03-24 14:29:20	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	21.67	21.14	18.66	20.49	7.85	ppb
Uranium	238-1	0.19	0.19	0.19	0.19	0.84	ppb
Vanadium	51-2	6.17	6.32	6.16	6.22	1.44	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				110		%
Zinc	66-2	14.98	14.69	13.89	14.52	3.89	ppb
Zirconium	90-1	1.69	1.65	1.53	1.62	4.97	ppb
Zirconium	91-1	1.56	1.53	1.49	1.53	2.13	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	O2028-01MS	Instrumnet Name :	P8
Client Sample ID :	TR-05-032123MS	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 14:32:24	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	73231.42	74909.67	73970.74	74037.28	1.14	ppb
Antimony	121-1	245.50	272.18	260.29	259.33	5.15	ppb
Arsenic	75-2	521.89	524.62	499.34	515.28	2.69	ppb
Barium	135-1	2836.81	2948.99	2920.67	2902.16	2.01	ppb
Barium	137-1	2752.73	2915.37	2815.11	2827.74	2.90	ppb
Beryllium	9-1	559.51	536.14	553.00	549.55	2.19	ppb
Bismuth	209-1				126		%
Bismuth	209-2				122		%
Boron	10-1	260.83	263.91	280.38	268.37	3.92	ppb
Boron	11-1	280.14	284.53	304.30	289.66	4.44	ppb
Bromine	81-1						cps
Cadmium	111-1	514.24	545.96	539.83	533.34	3.16	ppb
Cadmium	106-1	499.90	537.99	526.23	521.37	3.74	ppb
Cadmium	108-1	473.29	508.60	509.75	497.21	4.17	ppb
Calcium	43-1	87419.74	92746.27	90552.81	90239.60	2.97	ppb
Calcium	44-1	89854.25	89743.88	90361.33	89986.48	0.37	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	558.06	563.56	560.27	560.63	0.49	ppb
Cobalt	59-2	532.70	534.88	532.82	533.47	0.23	ppb
Copper	63-2	4779.58	4976.27	4809.79	4855.22	2.18	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				140		%
Holmium	165-2				134		%
Indium	115-1				133		%
Indium	115-2				132		%
Iron	54-2	146538.97	151571.91	149392.83	149167.90	1.69	ppb
Iron	56-2	145367.26	150370.86	146477.63	147405.25	1.78	ppb
Iron	57-2	146942.62	153911.97	146956.87	149270.49	2.69	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	O2028-01MS	Instrumnet Name :	P8
Client Sample ID :	TR-05-032123MS	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 14:32:24	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2149.12	2122.15	2144.30	2138.52	0.67	ppb
Lead	207-1	2102.10	2049.83	2045.43	2065.79	1.53	ppb
Lead	208-1	2154.14	2070.00	2088.30	2104.15	2.10	ppb
Lithium	6-1				112		%
Magnesium	24-2	73815.97	75059.23	74259.98	74378.39	0.85	ppb
Manganese	55-2	6419.25	6707.24	6541.21	6555.90	2.20	ppb
Molybdenum	94-1	2149.85	2170.84	2261.69	2194.13	2.71	ppb
Molybdenum	95-1	1665.12	1675.15	1699.91	1680.06	1.07	ppb
Molybdenum	96-1	1725.88	1767.88	1768.52	1754.09	1.39	ppb
Molybdenum	97-1	1649.10	1675.80	1700.41	1675.11	1.53	ppb
Molybdenum	98-1	1617.31	1709.28	1748.21	1691.60	3.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	570.87	581.12	563.42	571.80	1.55	ppb
Phosphorus	31-2	2335.59	2373.57	2241.33	2316.83	2.94	ppb
Potassium	39-2	26420.96	26746.19	26074.82	26413.99	1.27	ppb
Rhodium	103-1				128		%
Rhodium	103-2				124		%
Scandium	45-1				136		%
Scandium	45-2				133		%
Selenium	82-1	475.80	498.57	510.19	494.85	3.53	ppb
Selenium	77-2	562.37	537.13	571.29	556.93	3.18	ppb
Selenium	78-2	515.81	530.09	511.50	519.13	1.87	ppb
Silicon	28-1	368.77	348.15	425.22	380.71	10.48	ppb
Silver	107-1	376.63	376.99	431.84	395.16	8.04	ppb
Silver	109-1	496.36	297.17	526.11	439.88	28.30	ppb
Sodium	23-2	51976.27	54402.49	52770.80	53049.85	2.33	ppb
Strontium	86-1	625.19	629.90	615.40	623.49	1.19	ppb
Strontium	88-1	607.90	613.15	616.43	612.49	0.70	ppb
Sulfur	34-1	-4396.78	-4332.96	-4254.10	-4327.95		ppb
Terbium	159-1				138		%
Terbium	159-2				132		%
Thallium	203-1	483.75	492.11	475.59	483.82	1.71	ppb
Thallium	205-1	492.15	502.31	496.58	497.01	1.02	ppb
Tin	118-1	474.77	495.80	504.45	491.67	3.10	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	O2028-01MS	Instrumnet Name :	P8
Client Sample ID :	TR-05-032123MS	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 14:32:24	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2722.18	2466.12	2384.44	2524.25	6.98	ppb
Uranium	238-1	484.07	476.17	483.56	481.26	0.92	ppb
Vanadium	51-2	625.71	639.69	624.55	629.98	1.34	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				148		%
Yttrium	89-2				149		%
Zinc	66-2	337.94	344.87	337.32	340.04	1.23	ppb
Zirconium	90-1	468.32	481.64	480.74	476.90	1.56	ppb
Zirconium	91-1	468.76	477.25	484.21	476.74	1.62	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	CCV04	Instrumnet Name :	P8
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 14:43:40	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49854.10	51256.75	48178.79	49763.21	3.10	ppb
Antimony	121-1	474.61	490.42	508.49	491.18	3.45	ppb
Arsenic	75-2	473.92	476.57	471.96	474.15	0.49	ppb
Barium	135-1	2504.00	2556.21	2615.74	2558.65	2.19	ppb
Barium	137-1	2454.33	2515.82	2501.04	2490.40	1.29	ppb
Beryllium	9-1	486.31	493.27	516.44	498.67	3.16	ppb
Bismuth	209-1				97		%
Bismuth	209-2				99		%
Boron	10-1	500.22	532.69	575.99	536.30	7.09	ppb
Boron	11-1	512.40	550.36	569.18	543.98	5.32	ppb
Bromine	81-1						cps
Cadmium	111-1	457.28	461.16	479.70	466.05	2.57	ppb
Cadmium	106-1	455.19	467.81	461.45	461.49	1.37	ppb
Cadmium	108-1	460.71	476.63	468.14	468.49	1.70	ppb
Calcium	43-1	235743.22	255300.25	249555.88	246866.45	4.07	ppb
Calcium	44-1	242797.41	251968.69	252515.88	249093.99	2.19	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	457.31	470.85	446.34	458.17	2.68	ppb
Cobalt	59-2	511.25	503.97	475.85	497.02	3.76	ppb
Copper	63-2	4933.25	4930.88	4730.80	4864.98	2.39	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				111		%
Holmium	165-2				111		%
Indium	115-1				106		%
Indium	115-2				108		%
Iron	54-2	124967.71	125728.85	120780.31	123825.62	2.15	ppb
Iron	56-2	121462.94	125002.47	117805.53	121423.64	2.96	ppb
Iron	57-2	125742.51	128060.86	122768.82	125524.06	2.11	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	CCV04	Instrumnet Name :	P8
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 14:43:40	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2554.74	2596.65	2568.59	2573.33	0.83	ppb
Lead	207-1	2510.24	2594.43	2528.22	2544.30	1.74	ppb
Lead	208-1	2511.72	2591.28	2538.16	2547.05	1.59	ppb
Lithium	6-1				91		%
Magnesium	24-2	247357.03	251327.69	237791.31	245492.01	2.83	ppb
Manganese	55-2	4894.44	4907.15	4615.93	4805.84	3.42	ppb
Molybdenum	94-1	4779.02	4810.52	4960.77	4850.10	2.00	ppb
Molybdenum	95-1	4821.80	4934.22	4900.73	4885.58	1.18	ppb
Molybdenum	96-1	4896.26	4974.74	4783.51	4884.84	1.97	ppb
Molybdenum	97-1	4903.15	4906.48	4881.85	4897.16	0.27	ppb
Molybdenum	98-1	4896.72	5110.85	5023.35	5010.31	2.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	484.78	494.62	475.84	485.08	1.94	ppb
Phosphorus	31-2	9493.82	9913.99	9111.63	9506.48	4.22	ppb
Potassium	39-2	125125.45	126669.00	122910.85	124901.77	1.51	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				106		%
Scandium	45-2				106		%
Selenium	82-1	494.44	509.24	503.42	502.36	1.48	ppb
Selenium	77-2	506.38	486.21	517.68	503.42	3.17	ppb
Selenium	78-2	491.98	496.80	474.21	487.67	2.44	ppb
Silicon	28-1	489.34	524.21	517.84	510.46	3.64	ppb
Silver	107-1	463.53	473.71	499.13	478.79	3.83	ppb
Silver	109-1	461.18	475.93	469.47	468.86	1.58	ppb
Sodium	23-2	242315.82	244631.08	234783.51	240576.80	2.14	ppb
Strontium	86-1	12212.63	12500.69	12338.58	12350.63	1.17	ppb
Strontium	88-1	12211.56	12334.08	12455.56	12333.73	0.99	ppb
Sulfur	34-1	9308.64	9547.22	9335.66	9397.17	1.39	ppb
Terbium	159-1				111		%
Terbium	159-2				109		%
Thallium	203-1	493.60	524.79	529.13	515.84	3.76	ppb
Thallium	205-1	523.55	534.47	517.95	525.32	1.60	ppb
Tin	118-1	491.30	515.32	513.69	506.77	2.65	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	CCV04	Instrumnet Name :	P8
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 14:43:40	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4914.61	5050.15	4992.18	4985.65	1.36	ppb
Uranium	238-1	483.73	523.65	513.12	506.83	4.08	ppb
Vanadium	51-2	477.95	485.89	473.10	478.98	1.35	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				115		%
Zinc	66-2	4691.83	4755.95	4574.67	4674.15	1.97	ppb
Zirconium	90-1	491.13	509.08	512.86	504.36	2.30	ppb
Zirconium	91-1	478.61	487.68	493.05	486.45	1.50	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	CCB04	Instrumnet Name :	P8
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 14:50:08	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.40	1.34	1.29	1.35	4.10	ppb
Antimony	121-1	0.13	0.11	0.15	0.13	12.79	ppb
Arsenic	75-2	0.02	0.00	0.01	0.01	95.11	ppb
Barium	135-1	0.23	0.09	0.12	0.15	49.37	ppb
Barium	137-1	0.10	0.06	0.07	0.07	27.58	ppb
Beryllium	9-1	0.11	0.10	0.08	0.10	17.25	ppb
Bismuth	209-1				106		%
Bismuth	209-2				110		%
Boron	10-1	17.30	17.69	16.27	17.09	4.31	ppb
Boron	11-1	19.19	18.57	17.92	18.56	3.43	ppb
Bromine	81-1						cps
Cadmium	111-1	0.00	-0.01	0.00	0.00		ppb
Cadmium	106-1	-3.28	-3.58	-2.32	-3.06		ppb
Cadmium	108-1	-0.04	0.04	-0.05	-0.02		ppb
Calcium	43-1	11.14	11.93	7.54	10.20	22.95	ppb
Calcium	44-1	19.36	16.91	15.23	17.17	12.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.07	0.04	-0.02	-0.02		ppb
Cobalt	59-2	-0.01	-0.01	0.00	-0.01		ppb
Copper	63-2	0.29	0.35	0.35	0.33	9.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				113		%
Indium	115-1				110		%
Indium	115-2				115		%
Iron	54-2	3.86	3.35	3.96	3.72	8.79	ppb
Iron	56-2	3.24	2.89	3.37	3.17	7.88	ppb
Iron	57-2	2.74	4.04	4.91	3.90	28.06	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	CCB04	Instrumnet Name :	P8
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 14:50:08	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.10	0.08	0.07	0.08	18.65	ppb
Lead	207-1	0.16	0.13	0.06	0.12	41.63	ppb
Lead	208-1	0.12	0.09	0.06	0.09	32.24	ppb
Lithium	6-1				92		%
Magnesium	24-2	5.53	5.75	4.25	5.18	15.68	ppb
Manganese	55-2	0.14	0.11	0.13	0.12	12.06	ppb
Molybdenum	94-1	0.32	0.24	0.35	0.30	18.24	ppb
Molybdenum	95-1	0.42	0.26	0.25	0.31	31.05	ppb
Molybdenum	96-1	0.39	0.23	0.26	0.29	29.84	ppb
Molybdenum	97-1	0.33	0.31	0.29	0.31	7.27	ppb
Molybdenum	98-1	0.36	0.27	0.25	0.29	20.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.01	0.01	0.00	299.12	ppb
Phosphorus	31-2	-12.20	1.30	-12.10	-7.67		ppb
Potassium	39-2	0.88	-1.10	13.11	4.30	179.05	ppb
Rhodium	103-1				105		%
Rhodium	103-2				110		%
Scandium	45-1				103		%
Scandium	45-2				110		%
Selenium	82-1	0.33	0.12	0.35	0.27	46.53	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.22	0.22	0.92	0.45	89.62	ppb
Silicon	28-1	0.35	0.73	0.10	0.39	80.20	ppb
Silver	107-1	0.06	0.06	0.05	0.06	9.50	ppb
Silver	109-1	0.06	0.07	0.10	0.08	24.81	ppb
Sodium	23-2	29.47	35.34	39.39	34.73	14.36	ppb
Strontium	86-1	0.48	0.36	0.25	0.36	32.18	ppb
Strontium	88-1	0.58	0.39	0.29	0.42	34.87	ppb
Sulfur	34-1	-2125.35	-2212.50	-2361.51	-2233.12		ppb
Terbium	159-1				107		%
Terbium	159-2				113		%
Thallium	203-1	0.08	0.07	0.08	0.08	6.90	ppb
Thallium	205-1	0.07	0.07	0.06	0.07	10.35	ppb
Tin	118-1	0.04	0.02	0.01	0.02	84.67	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	CCB04	Instrumnet Name :	P8
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 14:50:08	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.47	0.31	0.20	0.33	42.65	ppb
Uranium	238-1	0.02	0.01	0.01	0.02	15.28	ppb
Vanadium	51-2	0.02	0.01	0.01	0.01	47.54	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				116		%
Zinc	66-2	0.22	-0.02	0.10	0.10	119.89	ppb
Zirconium	90-1	0.01	0.02	0.02	0.02	27.55	ppb
Zirconium	91-1	0.02	0.02	-0.01	0.01	197.07	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	O2028-01MSDLX5	Instrumnet Name :	P8
Client Sample ID :	TR-05-032123MSDL	Dilution Factor :	5
Date & Time Acquired :	2023-03-24 14:54:51	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14618.15	14911.16	14018.60	14515.97	3.13	ppb
Antimony	121-1	54.67	56.51	55.94	55.71	1.70	ppb
Arsenic	75-2	102.59	105.22	101.07	102.96	2.04	ppb
Barium	135-1	552.93	561.30	563.31	559.18	0.98	ppb
Barium	137-1	544.45	564.83	564.58	557.95	2.10	ppb
Beryllium	9-1	101.55	103.72	104.57	103.28	1.51	ppb
Bismuth	209-1				107		%
Bismuth	209-2				110		%
Boron	10-1	57.91	63.75	66.75	62.80	7.15	ppb
Boron	11-1	64.91	68.65	72.90	68.82	5.80	ppb
Bromine	81-1						cps
Cadmium	111-1	104.32	105.65	108.15	106.04	1.84	ppb
Cadmium	106-1	101.10	99.83	102.34	101.09	1.24	ppb
Cadmium	108-1	100.83	97.66	100.22	99.57	1.69	ppb
Calcium	43-1	17517.66	17893.46	18042.56	17817.89	1.52	ppb
Calcium	44-1	17484.32	18086.82	18219.47	17930.20	2.19	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	113.43	118.86	110.07	114.12	3.89	ppb
Cobalt	59-2	104.50	105.65	99.99	103.38	2.90	ppb
Copper	63-2	1028.89	1013.08	983.75	1008.57	2.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				114		%
Indium	115-1				114		%
Indium	115-2				118		%
Iron	54-2	31183.41	31499.83	29370.04	30684.43	3.75	ppb
Iron	56-2	30628.19	30254.84	28345.73	29742.92	4.12	ppb
Iron	57-2	29424.85	29835.19	28299.22	29186.42	2.72	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	O2028-01MSDLX5	Instrumnet Name :	P8
Client Sample ID :	TR-05-032123MSDL	Dilution Factor :	5
Date & Time Acquired :	2023-03-24 14:54:51	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	376.78	388.43	395.42	386.87	2.43	ppb
Lead	207-1	364.48	388.17	389.08	380.58	3.66	ppb
Lead	208-1	385.28	403.82	400.19	396.43	2.48	ppb
Lithium	6-1				94		%
Magnesium	24-2	15384.55	15434.36	14270.06	15029.66	4.38	ppb
Manganese	55-2	1297.54	1319.82	1202.74	1273.37	4.88	ppb
Molybdenum	94-1	442.78	455.77	463.30	453.95	2.29	ppb
Molybdenum	95-1	332.13	350.92	344.63	342.56	2.79	ppb
Molybdenum	96-1	355.02	360.56	358.36	357.98	0.78	ppb
Molybdenum	97-1	343.82	354.25	350.42	349.50	1.51	ppb
Molybdenum	98-1	342.66	354.91	348.39	348.66	1.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	120.60	119.91	113.65	118.05	3.24	ppb
Phosphorus	31-2	397.19	496.99	449.20	447.79	11.15	ppb
Potassium	39-2	5075.28	5230.04	5048.37	5117.90	1.92	ppb
Rhodium	103-1				110		%
Rhodium	103-2				110		%
Scandium	45-1				110		%
Scandium	45-2				113		%
Selenium	82-1	97.08	100.55	100.77	99.47	2.08	ppb
Selenium	77-2	103.73	116.84	98.85	106.47	8.74	ppb
Selenium	78-2	98.40	103.67	94.61	98.89	4.60	ppb
Silicon	28-1	62.33	66.15	82.80	70.43	15.45	ppb
Silver	107-1	110.28	112.85	113.54	112.23	1.53	ppb
Silver	109-1	109.64	109.40	108.34	109.12	0.64	ppb
Sodium	23-2	10838.46	10644.06	10110.74	10531.09	3.58	ppb
Strontium	86-1	125.30	128.76	127.52	127.19	1.38	ppb
Strontium	88-1	124.19	129.25	130.59	128.01	2.64	ppb
Sulfur	34-1	-2927.65	-2749.00	-2882.87	-2853.17		ppb
Terbium	159-1				113		%
Terbium	159-2				113		%
Thallium	203-1	85.70	91.78	90.66	89.38	3.62	ppb
Thallium	205-1	87.07	93.26	94.04	91.46	4.17	ppb
Tin	118-1	95.13	96.27	95.66	95.69	0.60	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	O2028-01MSDLX5	Instrumnet Name :	P8
Client Sample ID :	TR-05-032123MSDL	Dilution Factor :	5
Date & Time Acquired :	2023-03-24 14:54:51	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	457.13	469.91	501.95	476.33	4.85	ppb
Uranium	238-1	86.85	91.15	90.89	89.63	2.69	ppb
Vanadium	51-2	125.17	127.79	119.90	124.29	3.23	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				114		%
Yttrium	89-2				123		%
Zinc	66-2	69.51	68.13	66.26	67.97	2.41	ppb
Zirconium	90-1	95.87	97.03	98.03	96.98	1.11	ppb
Zirconium	91-1	95.83	95.99	97.10	96.30	0.72	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	O2028-01MSD	Instrumnet Name :	P8
Client Sample ID :	TR-05-032123MSD	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 14:57:46	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	82191.07	82811.61	81775.02	82259.23	0.63	ppb
Antimony	121-1	226.70	246.23	236.85	236.59	4.13	ppb
Arsenic	75-2	519.84	529.06	509.03	519.31	1.93	ppb
Barium	135-1	2803.56	2982.74	2921.08	2902.46	3.14	ppb
Barium	137-1	2763.67	2928.94	2761.53	2818.05	3.41	ppb
Beryllium	9-1	518.47	508.39	551.58	526.15	4.29	ppb
Bismuth	209-1				125		%
Bismuth	209-2				125		%
Boron	10-1	257.11	261.88	285.92	268.30	5.76	ppb
Boron	11-1	272.07	289.52	310.63	290.74	6.64	ppb
Bromine	81-1						cps
Cadmium	111-1	487.39	533.12	524.35	514.95	4.71	ppb
Cadmium	106-1	491.00	512.18	518.06	507.08	2.81	ppb
Cadmium	108-1	465.84	489.75	495.80	483.80	3.27	ppb
Calcium	43-1	85130.61	88237.64	86407.05	86591.76	1.80	ppb
Calcium	44-1	83299.18	86764.16	88524.45	86195.93	3.08	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	579.60	586.68	566.58	577.62	1.76	ppb
Cobalt	59-2	531.94	533.28	511.53	525.58	2.32	ppb
Copper	63-2	4703.24	4616.19	4631.69	4650.37	1.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				141		%
Holmium	165-2				138		%
Indium	115-1				138		%
Indium	115-2				141		%
Iron	54-2	170601.46	168903.96	165737.18	168414.20	1.47	ppb
Iron	56-2	166768.67	167645.73	162025.92	165480.11	1.83	ppb
Iron	57-2	169174.17	171923.08	165738.81	168945.35	1.83	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	O2028-01MSD	Instrumnet Name :	P8
Client Sample ID :	TR-05-032123MSD	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 14:57:46	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2001.04	2130.83	2149.13	2093.67	3.86	ppb
Lead	207-1	1958.07	2058.74	2107.41	2041.40	3.73	ppb
Lead	208-1	1971.92	2072.70	2105.16	2049.92	3.39	ppb
Lithium	6-1				116		%
Magnesium	24-2	75406.70	73732.09	72639.48	73926.09	1.89	ppb
Manganese	55-2	6324.75	6365.31	6179.46	6289.84	1.55	ppb
Molybdenum	94-1	2036.24	2118.93	2159.74	2104.97	2.99	ppb
Molybdenum	95-1	1578.95	1628.47	1689.72	1632.38	3.40	ppb
Molybdenum	96-1	1660.06	1696.69	1710.42	1689.06	1.54	ppb
Molybdenum	97-1	1608.26	1651.54	1666.41	1642.07	1.84	ppb
Molybdenum	98-1	1567.38	1654.01	1682.09	1634.49	3.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	569.54	574.30	559.49	567.78	1.33	ppb
Phosphorus	31-2	2723.26	2674.55	2713.22	2703.68	0.95	ppb
Potassium	39-2	26425.73	25761.97	25754.05	25980.58	1.48	ppb
Rhodium	103-1				132		%
Rhodium	103-2				127		%
Scandium	45-1				142		%
Scandium	45-2				140		%
Selenium	82-1	462.47	483.55	490.89	478.97	3.08	ppb
Selenium	77-2	533.58	555.00	560.74	549.77	2.60	ppb
Selenium	78-2	506.05	522.87	497.40	508.77	2.55	ppb
Silicon	28-1	327.71	336.01	385.30	349.67	8.90	ppb
Silver	107-1	362.11	313.53	324.41	333.35	7.65	ppb
Silver	109-1	458.77	370.89	366.14	398.60	13.09	ppb
Sodium	23-2	52556.14	50926.39	51251.88	51578.14	1.67	ppb
Strontium	86-1	587.53	634.94	620.47	614.31	3.96	ppb
Strontium	88-1	594.74	606.84	613.05	604.88	1.54	ppb
Sulfur	34-1	-5029.94	-4500.15	-4112.74	-4547.61		ppb
Terbium	159-1				140		%
Terbium	159-2				137		%
Thallium	203-1	465.81	500.83	496.42	487.69	3.91	ppb
Thallium	205-1	454.29	495.79	490.72	480.27	4.71	ppb
Tin	118-1	439.98	496.19	464.38	466.85	6.04	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	O2028-01MSD	Instrumnet Name :	P8
Client Sample ID :	TR-05-032123MSD	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 14:57:46	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2184.29	2281.98	2482.80	2316.36	6.57	ppb
Uranium	238-1	453.42	480.92	491.66	475.33	4.15	ppb
Vanadium	51-2	655.11	662.54	630.03	649.23	2.62	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				151		%
Yttrium	89-2				154		%
Zinc	66-2	398.82	398.37	387.04	394.75	1.69	ppb
Zirconium	90-1	439.33	456.91	469.34	455.19	3.31	ppb
Zirconium	91-1	428.52	459.83	472.68	453.68	5.01	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	O2028-01MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	TR-05-032123MSDDL	Dilution Factor :	5
Date & Time Acquired :	2023-03-24 15:00:37	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15982.44	15931.29	15849.47	15921.07	0.42	ppb
Antimony	121-1	49.93	51.61	50.64	50.73	1.67	ppb
Arsenic	75-2	103.58	101.37	95.47	100.14	4.19	ppb
Barium	135-1	532.76	552.34	546.88	543.99	1.86	ppb
Barium	137-1	539.64	564.62	554.79	553.02	2.28	ppb
Beryllium	9-1	99.23	99.75	98.35	99.11	0.71	ppb
Bismuth	209-1				106		%
Bismuth	209-2				111		%
Boron	10-1	77.33	79.18	76.62	77.71	1.70	ppb
Boron	11-1	83.25	85.90	84.66	84.60	1.57	ppb
Bromine	81-1						cps
Cadmium	111-1	99.07	105.18	106.23	103.49	3.74	ppb
Cadmium	106-1	100.44	104.72	97.73	100.97	3.49	ppb
Cadmium	108-1	94.04	97.67	99.29	97.00	2.77	ppb
Calcium	43-1	17154.57	17303.98	17446.16	17301.57	0.84	ppb
Calcium	44-1	17103.98	17324.86	17538.61	17322.49	1.25	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	115.29	114.20	112.82	114.11	1.09	ppb
Cobalt	59-2	101.39	100.02	100.11	100.51	0.76	ppb
Copper	63-2	965.38	946.21	945.83	952.48	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				112		%
Holmium	165-2				118		%
Indium	115-1				112		%
Indium	115-2				120		%
Iron	54-2	34670.79	34300.49	33398.20	34123.16	1.92	ppb
Iron	56-2	33481.08	32353.59	32158.23	32664.30	2.19	ppb
Iron	57-2	32377.80	32203.74	32010.74	32197.43	0.57	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	O2028-01MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	TR-05-032123MSDDL	Dilution Factor :	5
Date & Time Acquired :	2023-03-24 15:00:37	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	374.05	386.57	362.83	374.49	3.17	ppb
Lead	207-1	372.51	375.31	364.09	370.64	1.58	ppb
Lead	208-1	382.95	404.10	375.88	387.64	3.79	ppb
Lithium	6-1				94		%
Magnesium	24-2	15180.55	14221.58	14362.09	14588.07	3.55	ppb
Manganese	55-2	1238.35	1225.47	1221.76	1228.53	0.71	ppb
Molybdenum	94-1	423.82	438.53	434.75	432.37	1.77	ppb
Molybdenum	95-1	318.97	329.30	333.65	327.31	2.30	ppb
Molybdenum	96-1	332.05	343.22	349.88	341.71	2.64	ppb
Molybdenum	97-1	318.97	330.09	340.31	329.79	3.24	ppb
Molybdenum	98-1	320.88	332.91	346.33	333.37	3.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	116.53	115.76	111.42	114.57	2.40	ppb
Phosphorus	31-2	507.40	585.95	511.49	534.95	8.27	ppb
Potassium	39-2	5082.02	5095.65	5076.53	5084.73	0.19	ppb
Rhodium	103-1				111		%
Rhodium	103-2				112		%
Scandium	45-1				110		%
Scandium	45-2				115		%
Selenium	82-1	91.19	95.13	94.08	93.46	2.19	ppb
Selenium	77-2	109.90	90.83	99.93	100.22	9.52	ppb
Selenium	78-2	99.22	98.21	90.38	95.93	5.04	ppb
Silicon	28-1	68.96	64.49	71.74	68.40	5.35	ppb
Silver	107-1	106.41	106.19	109.37	107.32	1.65	ppb
Silver	109-1	101.33	105.48	109.23	105.34	3.75	ppb
Sodium	23-2	10415.97	9946.77	10024.41	10129.05	2.48	ppb
Strontium	86-1	117.38	122.94	123.25	121.19	2.73	ppb
Strontium	88-1	121.85	126.20	123.56	123.87	1.77	ppb
Sulfur	34-1	-2991.15	-3077.42	-2916.73	-2995.10		ppb
Terbium	159-1				113		%
Terbium	159-2				117		%
Thallium	203-1	83.28	88.39	84.83	85.50	3.07	ppb
Thallium	205-1	87.94	89.86	87.59	88.46	1.38	ppb
Tin	118-1	89.79	91.32	91.88	90.99	1.19	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	O2028-01MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	TR-05-032123MSDDL	Dilution Factor :	5
Date & Time Acquired :	2023-03-24 15:00:37	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	449.64	466.90	472.16	462.90	2.54	ppb
Uranium	238-1	86.11	86.57	85.47	86.05	0.64	ppb
Vanadium	51-2	125.51	125.05	125.12	125.23	0.20	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				117		%
Yttrium	89-2				124		%
Zinc	66-2	84.27	82.16	78.75	81.73	3.40	ppb
Zirconium	90-1	89.33	93.85	93.65	92.28	2.77	ppb
Zirconium	91-1	89.21	92.83	90.87	90.97	1.99	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	O2028-01A	Instrumnet Name :	P8
Client Sample ID :	TR-05-032123A	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 15:03:31	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	78657.31	72545.81	76436.61	75879.91	4.08	ppb
Antimony	121-1	486.87	452.33	438.41	459.20	5.43	ppb
Arsenic	75-2	482.87	477.60	463.00	474.49	2.17	ppb
Barium	135-1	2928.60	2786.66	2674.18	2796.48	4.56	ppb
Barium	137-1	2916.37	2691.06	2648.83	2752.09	5.23	ppb
Beryllium	9-1	505.11	501.14	485.36	497.20	2.10	ppb
Bismuth	209-1				120		%
Bismuth	209-2				123		%
Boron	10-1	283.96	277.24	291.60	284.27	2.53	ppb
Boron	11-1	314.97	297.41	313.36	308.58	3.15	ppb
Bromine	81-1						cps
Cadmium	111-1	522.14	492.77	484.62	499.84	3.95	ppb
Cadmium	106-1	523.37	497.67	472.10	497.71	5.15	ppb
Cadmium	108-1	507.38	470.69	465.18	481.09	4.77	ppb
Calcium	43-1	98825.90	91822.73	92060.55	94236.39	4.22	ppb
Calcium	44-1	97190.73	89905.76	91248.30	92781.60	4.18	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	536.01	520.82	523.70	526.84	1.53	ppb
Cobalt	59-2	506.16	478.62	479.63	488.14	3.20	ppb
Copper	63-2	4400.20	4342.45	4454.39	4399.02	1.27	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				133		%
Holmium	165-2				135		%
Indium	115-1				129		%
Indium	115-2				136		%
Iron	54-2	156158.28	157829.22	153793.31	155926.94	1.30	ppb
Iron	56-2	155704.87	150284.51	150126.25	152038.54	2.09	ppb
Iron	57-2	161971.41	150766.16	157756.83	156831.47	3.61	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	O2028-01A	Instrumnet Name :	P8
Client Sample ID :	TR-05-032123A	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 15:03:31	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2135.30	2000.25	1953.14	2029.56	4.66	ppb
Lead	207-1	2105.39	1899.13	1935.26	1979.93	5.56	ppb
Lead	208-1	2127.02	1928.24	1968.98	2008.08	5.23	ppb
Lithium	6-1				108		%
Magnesium	24-2	72076.92	68281.90	69141.03	69833.28	2.85	ppb
Manganese	55-2	6483.11	6330.08	6356.88	6390.02	1.28	ppb
Molybdenum	94-1	2232.21	2043.16	2133.03	2136.13	4.43	ppb
Molybdenum	95-1	1705.94	1544.12	1610.47	1620.18	5.02	ppb
Molybdenum	96-1	1784.36	1564.10	1644.81	1664.42	6.69	ppb
Molybdenum	97-1	1708.33	1497.55	1609.89	1605.26	6.57	ppb
Molybdenum	98-1	1738.05	1556.11	1581.74	1625.30	6.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	555.25	529.60	539.98	541.61	2.38	ppb
Phosphorus	31-2	2424.46	2365.58	2263.98	2351.34	3.45	ppb
Potassium	39-2	25265.81	25134.97	24014.72	24805.16	2.77	ppb
Rhodium	103-1				126		%
Rhodium	103-2				125		%
Scandium	45-1				133		%
Scandium	45-2				136		%
Selenium	82-1	481.73	445.64	465.16	464.18	3.89	ppb
Selenium	77-2	513.10	482.78	501.69	499.19	3.07	ppb
Selenium	78-2	476.16	470.66	471.94	472.92	0.61	ppb
Silicon	28-1	365.17	314.93	324.92	335.01	7.94	ppb
Silver	107-1	317.22	378.44	554.97	416.88	29.61	ppb
Silver	109-1	536.82	342.78	412.56	430.72	22.82	ppb
Sodium	23-2	48824.10	45841.95	48440.71	47702.25	3.40	ppb
Strontium	86-1	649.74	583.38	586.19	606.44	6.19	ppb
Strontium	88-1	636.95	560.63	579.07	592.22	6.72	ppb
Sulfur	34-1	-2850.01	-3664.14	-3339.82	-3284.66		ppb
Terbium	159-1				132		%
Terbium	159-2				132		%
Thallium	203-1	496.47	456.12	456.09	469.56	4.96	ppb
Thallium	205-1	485.37	464.35	466.84	472.19	2.43	ppb
Tin	118-1	517.77	487.81	475.31	493.63	4.42	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	O2028-01A	Instrumnet Name :	P8
Client Sample ID :	TR-05-032123A	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 15:03:31	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2509.18	2275.94	2236.75	2340.63	6.29	ppb
Uranium	238-1	484.54	442.73	470.53	465.94	4.57	ppb
Vanadium	51-2	615.14	586.47	593.09	598.23	2.51	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				144		%
Yttrium	89-2				150		%
Zinc	66-2	352.27	344.25	356.80	351.11	1.81	ppb
Zirconium	90-1	485.64	448.39	443.30	459.11	5.03	ppb
Zirconium	91-1	478.18	440.33	444.75	454.42	4.55	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	O2028-01ADLX5	Instrumnet Name :	P8
Client Sample ID :	TR-05-032123ADL	Dilution Factor :	5
Date & Time Acquired :	2023-03-24 15:06:22	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14757.03	14671.44	14624.50	14684.32	0.46	ppb
Antimony	121-1	87.63	87.41	89.47	88.17	1.29	ppb
Arsenic	75-2	93.89	98.43	91.04	94.45	3.95	ppb
Barium	135-1	508.46	493.54	502.93	501.64	1.50	ppb
Barium	137-1	506.58	501.26	517.24	508.36	1.60	ppb
Beryllium	9-1	91.50	95.22	92.86	93.19	2.02	ppb
Bismuth	209-1				106		%
Bismuth	209-2				111		%
Boron	10-1	82.55	84.78	83.44	83.59	1.35	ppb
Boron	11-1	87.49	90.13	89.88	89.17	1.64	ppb
Bromine	81-1						cps
Cadmium	111-1	95.33	93.92	93.58	94.28	0.98	ppb
Cadmium	106-1	94.18	88.98	94.73	92.63	3.43	ppb
Cadmium	108-1	89.26	84.82	89.92	88.00	3.15	ppb
Calcium	43-1	17734.58	17288.24	17592.73	17538.52	1.30	ppb
Calcium	44-1	17556.48	18147.97	17887.93	17864.13	1.66	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	103.40	101.34	100.89	101.87	1.31	ppb
Cobalt	59-2	95.90	93.24	92.10	93.75	2.08	ppb
Copper	63-2	914.54	894.64	894.94	901.37	1.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				118		%
Indium	115-1				114		%
Indium	115-2				120		%
Iron	54-2	31352.97	30051.01	30822.18	30742.05	2.13	ppb
Iron	56-2	29873.21	30346.85	29552.31	29924.12	1.34	ppb
Iron	57-2	29349.10	30152.75	28945.27	29482.37	2.08	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	O2028-01ADLX5	Instrumnet Name :	P8
Client Sample ID :	TR-05-032123ADL	Dilution Factor :	5
Date & Time Acquired :	2023-03-24 15:06:22	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	352.36	356.66	356.77	355.26	0.71	ppb
Lead	207-1	338.30	348.64	351.09	346.01	1.96	ppb
Lead	208-1	355.33	363.61	369.40	362.78	1.95	ppb
Lithium	6-1				92		%
Magnesium	24-2	13835.11	13851.78	13364.69	13683.86	2.02	ppb
Manganese	55-2	1197.12	1174.00	1185.74	1185.62	0.97	ppb
Molybdenum	94-1	418.51	413.16	429.45	420.37	1.97	ppb
Molybdenum	95-1	319.88	312.24	322.11	318.07	1.63	ppb
Molybdenum	96-1	339.18	328.30	333.62	333.70	1.63	ppb
Molybdenum	97-1	326.26	316.58	324.90	322.58	1.62	ppb
Molybdenum	98-1	328.82	320.92	325.20	324.98	1.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	109.60	107.23	106.24	107.69	1.60	ppb
Phosphorus	31-2	418.00	429.44	411.75	419.73	2.14	ppb
Potassium	39-2	4791.82	4829.72	4681.35	4767.63	1.62	ppb
Rhodium	103-1				110		%
Rhodium	103-2				112		%
Scandium	45-1				112		%
Scandium	45-2				116		%
Selenium	82-1	93.43	87.68	93.80	91.64	3.74	ppb
Selenium	77-2	93.87	120.21	119.67	111.25	13.54	ppb
Selenium	78-2	90.13	89.37	86.27	88.59	2.31	ppb
Silicon	28-1	62.42	63.58	69.30	65.10	5.66	ppb
Silver	107-1	98.56	97.46	98.00	98.01	0.56	ppb
Silver	109-1	100.15	95.62	98.47	98.08	2.34	ppb
Sodium	23-2	9481.14	9458.14	9579.03	9506.10	0.68	ppb
Strontium	86-1	118.76	120.33	119.22	119.44	0.67	ppb
Strontium	88-1	121.24	121.12	117.53	119.96	1.76	ppb
Sulfur	34-1	-2793.19	-3200.91	-3144.59	-3046.23		ppb
Terbium	159-1				114		%
Terbium	159-2				117		%
Thallium	203-1	79.92	81.52	81.55	80.99	1.15	ppb
Thallium	205-1	82.47	85.02	84.99	84.16	1.74	ppb
Tin	118-1	89.72	88.77	91.17	89.89	1.35	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	O2028-01ADLX5	Instrumnet Name :	P8
Client Sample ID :	TR-05-032123ADL	Dilution Factor :	5
Date & Time Acquired :	2023-03-24 15:06:22	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	447.27	436.64	437.05	440.32	1.37	ppb
Uranium	238-1	78.49	79.21	80.14	79.28	1.04	ppb
Vanadium	51-2	117.42	113.33	113.56	114.77	2.00	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				115		%
Yttrium	89-2				124		%
Zinc	66-2	79.47	80.14	78.07	79.23	1.33	ppb
Zirconium	90-1	91.91	90.38	91.77	91.35	0.93	ppb
Zirconium	91-1	89.41	88.19	92.15	89.92	2.25	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	O2047-01	Instrumnet Name :	P8
Client Sample ID :	R-PIT	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 15:09:17	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	216082.72	212510.22	215272.36	214621.77	0.87	ppb
Antimony	121-1	17.71	18.56	18.48	18.25	2.60	ppb
Arsenic	75-2	164.00	157.59	160.71	160.77	2.00	ppb
Barium	135-1	3273.38	3504.97	3392.73	3390.36	3.42	ppb
Barium	137-1	3282.86	3462.99	3320.86	3355.57	2.83	ppb
Beryllium	9-1	34.40	35.82	33.27	34.50	3.69	ppb
Bismuth	209-1				110		%
Bismuth	209-2				113		%
Boron	10-1	69.80	74.77	72.50	72.36	3.44	ppb
Boron	11-1	76.38	81.68	79.56	79.21	3.36	ppb
Bromine	81-1						cps
Cadmium	111-1	4.30	4.72	4.36	4.46	5.06	ppb
Cadmium	106-1	19.11	21.77	18.67	19.85	8.44	ppb
Cadmium	108-1	6.45	6.63	6.56	6.55	1.36	ppb
Calcium	43-1	18341.34	18401.37	19113.33	18618.68	2.31	ppb
Calcium	44-1	18284.94	18525.13	18302.63	18370.90	0.73	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	328.12	319.35	321.15	322.87	1.43	ppb
Cobalt	59-2	257.85	250.50	257.51	255.28	1.63	ppb
Copper	63-2	1340.12	1342.31	1355.26	1345.90	0.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				124		%
Holmium	165-2				122		%
Indium	115-1				116		%
Indium	115-2				119		%
Iron	54-2	804207.26	797934.78	783373.32	795171.79	1.34	ppb
Iron	56-2	786205.53	773270.95	773786.14	777754.21	0.94	ppb
Iron	57-2	791559.03	779454.68	818635.53	796549.75	2.52	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	O2047-01	Instrumnet Name :	P8
Client Sample ID :	R-PIT	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 15:09:17	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	800.44	843.42	826.62	823.49	2.63	ppb
Lead	207-1	744.81	795.36	798.70	779.62	3.87	ppb
Lead	208-1	769.18	811.50	794.82	791.83	2.69	ppb
Lithium	6-1				105		%
Magnesium	24-2	71766.19	72065.15	75267.17	73032.84	2.66	ppb
Manganese	55-2	28188.76	28181.50	28168.92	28179.73	0.04	ppb
Molybdenum	94-1	32.66	32.59	31.56	32.27	1.91	ppb
Molybdenum	95-1	5.97	5.71	5.74	5.81	2.51	ppb
Molybdenum	96-1	12.73	12.83	12.68	12.75	0.59	ppb
Molybdenum	97-1	5.33	5.50	5.66	5.49	2.97	ppb
Molybdenum	98-1	5.13	5.39	5.28	5.27	2.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	468.31	460.98	463.67	464.32	0.80	ppb
Phosphorus	31-2	10236.15	10439.38	10092.21	10255.92	1.70	ppb
Potassium	39-2	20352.94	19435.51	19890.80	19893.08	2.31	ppb
Rhodium	103-1				113		%
Rhodium	103-2				110		%
Scandium	45-1				135		%
Scandium	45-2				134		%
Selenium	82-1	8.38	8.34	8.37	8.37	0.22	ppb
Selenium	77-2	198.37	199.27	185.18	194.27	4.06	ppb
Selenium	78-2	45.72	39.48	45.24	43.48	7.98	ppb
Silicon	28-1	654.49	634.63	689.26	659.46	4.19	ppb
Silver	107-1	0.93	1.02	1.04	1.00	5.71	ppb
Silver	109-1	0.94	0.96	0.94	0.95	1.30	ppb
Sodium	23-2	2042.82	1984.95	2129.66	2052.48	3.55	ppb
Strontium	86-1	197.50	195.97	195.50	196.33	0.53	ppb
Strontium	88-1	198.42	197.22	194.96	196.87	0.89	ppb
Sulfur	34-1	-1851.40	-2015.67	-1314.03	-1727.03		ppb
Terbium	159-1				124		%
Terbium	159-2				122		%
Thallium	203-1	2.71	3.00	2.98	2.89	5.56	ppb
Thallium	205-1	2.86	3.09	3.04	3.00	4.17	ppb
Tin	118-1	49.51	50.91	50.81	50.41	1.55	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	O2047-01	Instrumnet Name :	P8
Client Sample ID :	R-PIT	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 15:09:17	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2689.59	2758.52	2867.19	2771.77	3.23	ppb
Uranium	238-1	19.63	20.57	20.49	20.23	2.59	ppb
Vanadium	51-2	376.00	367.06	369.97	371.01	1.23	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				179		%
Yttrium	89-2				178		%
Zinc	66-2	1274.82	1259.80	1289.45	1274.69	1.16	ppb
Zirconium	90-1	22.68	16.10	15.30	18.03	22.45	ppb
Zirconium	91-1	15.80	16.25	17.38	16.48	4.95	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	O2047-01DLX5	Instrumnet Name :	P8
Client Sample ID :	R-PITDL	Dilution Factor :	5
Date & Time Acquired :	2023-03-24 15:12:09	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49660.03	48239.00	48233.52	48710.85	1.69	ppb
Antimony	121-1	4.02	3.82	3.69	3.84	4.25	ppb
Arsenic	75-2	42.89	41.67	41.78	42.12	1.60	ppb
Barium	135-1	711.52	697.03	638.62	682.39	5.66	ppb
Barium	137-1	705.33	690.53	628.96	674.94	6.00	ppb
Beryllium	9-1	7.76	7.70	7.08	7.51	5.03	ppb
Bismuth	209-1				99		%
Bismuth	209-2				109		%
Boron	10-1	29.00	27.98	26.51	27.83	4.51	ppb
Boron	11-1	31.09	31.14	27.90	30.04	6.19	ppb
Bromine	81-1						cps
Cadmium	111-1	1.09	1.01	0.92	1.01	8.38	ppb
Cadmium	106-1	3.86	0.18	1.07	1.70	112.80	ppb
Cadmium	108-1	1.43	0.96	0.98	1.12	23.62	ppb
Calcium	43-1	4129.97	4403.30	4005.72	4179.66	4.87	ppb
Calcium	44-1	4244.40	4482.47	3989.42	4238.76	5.82	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	71.95	68.58	68.92	69.82	2.66	ppb
Cobalt	59-2	58.55	55.14	56.05	56.58	3.12	ppb
Copper	63-2	304.06	291.85	292.22	296.04	2.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				116		%
Indium	115-1				108		%
Indium	115-2				117		%
Iron	54-2	183657.30	168265.14	171906.52	174609.65	4.61	ppb
Iron	56-2	178101.96	166431.30	165985.87	170173.04	4.04	ppb
Iron	57-2	177744.57	170130.08	172604.29	173492.98	2.24	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	O2047-01DLX5	Instrumnet Name :	P8
Client Sample ID :	R-PITDL	Dilution Factor :	5
Date & Time Acquired :	2023-03-24 15:12:09	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	160.17	152.56	146.30	153.01	4.54	ppb
Lead	207-1	157.77	143.12	139.50	146.80	6.59	ppb
Lead	208-1	157.90	146.14	143.17	149.07	5.22	ppb
Lithium	6-1				93		%
Magnesium	24-2	16424.36	16149.54	16004.08	16192.66	1.32	ppb
Manganese	55-2	6413.38	5896.98	6017.64	6109.33	4.42	ppb
Molybdenum	94-1	8.93	8.51	8.07	8.51	5.06	ppb
Molybdenum	95-1	1.63	1.56	1.47	1.55	5.01	ppb
Molybdenum	96-1	3.72	3.95	3.33	3.67	8.44	ppb
Molybdenum	97-1	1.62	1.44	1.40	1.49	7.90	ppb
Molybdenum	98-1	1.53	1.42	1.40	1.45	4.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	107.59	103.48	104.64	105.23	2.01	ppb
Phosphorus	31-2	2348.78	2297.64	2230.95	2292.45	2.58	ppb
Potassium	39-2	4306.03	4079.95	4042.80	4142.93	3.44	ppb
Rhodium	103-1				106		%
Rhodium	103-2				110		%
Scandium	45-1				109		%
Scandium	45-2				114		%
Selenium	82-1	2.42	2.21	2.58	2.40	7.56	ppb
Selenium	77-2	47.31	48.86	54.66	50.28	7.70	ppb
Selenium	78-2	13.20	11.74	12.27	12.40	5.96	ppb
Silicon	28-1	141.21	155.13	132.54	142.96	7.97	ppb
Silver	107-1	0.22	0.17	0.18	0.19	15.71	ppb
Silver	109-1	0.21	0.21	0.19	0.20	3.02	ppb
Sodium	23-2	515.52	487.75	479.73	494.33	3.80	ppb
Strontium	86-1	53.86	53.83	50.28	52.66	3.90	ppb
Strontium	88-1	54.43	53.93	49.73	52.70	4.89	ppb
Sulfur	34-1	-2746.05	-2101.96	-3360.53	-2736.18		ppb
Terbium	159-1				109		%
Terbium	159-2				113		%
Thallium	203-1	0.69	0.64	0.64	0.66	4.78	ppb
Thallium	205-1	0.67	0.65	0.70	0.67	4.16	ppb
Tin	118-1	12.25	11.55	10.67	11.49	6.92	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	O2047-01DLX5	Instrumnet Name :	P8
Client Sample ID :	R-PITDL	Dilution Factor :	5
Date & Time Acquired :	2023-03-24 15:12:09	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	607.63	646.10	593.42	615.72	4.43	ppb
Uranium	238-1	4.25	4.09	3.84	4.06	5.11	ppb
Vanadium	51-2	82.48	77.62	77.40	79.17	3.62	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				120		%
Yttrium	89-2				128		%
Zinc	66-2	307.83	296.61	293.16	299.20	2.56	ppb
Zirconium	90-1	4.40	4.20	4.08	4.23	3.88	ppb
Zirconium	91-1	4.28	4.31	3.94	4.18	4.90	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	O2049-01	Instrumnet Name :	P8
Client Sample ID :	OK-02-032323	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 15:15:03	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	73.77	88.78	83.09	81.88	9.26	ppb
Antimony	121-1	0.08	0.09	0.07	0.08	11.94	ppb
Arsenic	75-2	0.09	0.14	0.10	0.11	19.78	ppb
Barium	135-1	1.85	1.93	1.83	1.87	2.85	ppb
Barium	137-1	1.87	2.06	1.83	1.92	6.57	ppb
Beryllium	9-1	0.06	0.05	0.05	0.05	11.91	ppb
Bismuth	209-1				164		%
Bismuth	209-2				150		%
Boron	10-1	7.28	7.12	7.60	7.33	3.31	ppb
Boron	11-1	8.05	8.06	8.27	8.13	1.53	ppb
Bromine	81-1						cps
Cadmium	111-1	0.02	0.01	0.00	0.01	122.67	ppb
Cadmium	106-1	-2.38	-2.24	-4.04	-2.89		ppb
Cadmium	108-1	-0.15	-0.10	-0.01	-0.09		ppb
Calcium	43-1	750.05	767.00	756.06	757.70	1.13	ppb
Calcium	44-1	744.93	758.25	748.75	750.64	0.91	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	-0.01	-0.10	-0.04		ppb
Cobalt	59-2	0.06	0.05	0.04	0.05	29.20	ppb
Copper	63-2	1.22	1.40	1.41	1.34	7.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				171		%
Holmium	165-2				155		%
Indium	115-1				175		%
Indium	115-2				164		%
Iron	54-2	101.22	135.57	99.32	112.04	18.21	ppb
Iron	56-2	82.65	86.10	119.26	96.00	21.05	ppb
Iron	57-2	183.27	92.14	196.79	157.40	36.16	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	O2049-01	Instrumnet Name :	P8
Client Sample ID :	OK-02-032323	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 15:15:03	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.34	0.36	0.35	0.35	3.70	ppb
Lead	207-1	0.40	0.35	0.38	0.38	6.19	ppb
Lead	208-1	0.36	0.38	0.38	0.37	3.72	ppb
Lithium	6-1				139		%
Magnesium	24-2	106.81	114.49	110.80	110.70	3.47	ppb
Manganese	55-2	4.71	4.92	4.65	4.76	2.95	ppb
Molybdenum	94-1	0.28	0.27	0.27	0.28	2.56	ppb
Molybdenum	95-1	0.29	0.32	0.31	0.31	4.32	ppb
Molybdenum	96-1	0.25	0.24	0.21	0.24	10.64	ppb
Molybdenum	97-1	0.25	0.31	0.23	0.26	14.86	ppb
Molybdenum	98-1	0.28	0.26	0.27	0.27	3.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.37	0.48	0.37	0.41	16.35	ppb
Phosphorus	31-2	-20.40	-17.80	-14.09	-17.43		ppb
Potassium	39-2	63.52	107.81	100.59	90.64	26.22	ppb
Rhodium	103-1				171		%
Rhodium	103-2				149		%
Scandium	45-1				166		%
Scandium	45-2				149		%
Selenium	82-1	0.38	0.22	0.01	0.20	91.02	ppb
Selenium	77-2	0.57	1.23	0.62	0.81	45.28	ppb
Selenium	78-2	-0.99	-0.84	-0.88	-0.91		ppb
Silicon	28-1	5.38	8.92	7.60	7.30	24.51	ppb
Silver	107-1	-0.02	-0.03	-0.02	-0.02		ppb
Silver	109-1	0.00	-0.01	-0.01	-0.01		ppb
Sodium	23-2	3804.56	3997.96	4105.85	3969.46	3.85	ppb
Strontium	86-1	2.65	2.50	2.47	2.54	3.88	ppb
Strontium	88-1	2.59	2.70	2.58	2.63	2.58	ppb
Sulfur	34-1	-8228.74	-7680.87	-7177.04	-7695.55		ppb
Terbium	159-1				173		%
Terbium	159-2				153		%
Thallium	203-1	0.06	0.04	0.04	0.05	21.60	ppb
Thallium	205-1	0.06	0.05	0.06	0.05	10.60	ppb
Tin	118-1	2.06	2.02	2.13	2.07	2.83	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	O2049-01	Instrumnet Name :	P8
Client Sample ID :	OK-02-032323	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 15:15:03	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	3.42	5.96	4.27	4.55	28.37	ppb
Uranium	238-1	0.02	0.03	0.01	0.02	32.75	ppb
Vanadium	51-2	0.55	0.63	0.54	0.57	8.28	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				172		%
Yttrium	89-2				162		%
Zinc	66-2	4.52	4.79	5.40	4.90	9.24	ppb
Zirconium	90-1	0.01	0.04	0.02	0.02	61.71	ppb
Zirconium	91-1	0.03	0.07	0.04	0.05	47.26	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	O2049-01DLX5	Instrumnet Name :	P8
Client Sample ID :	OK-02-032323DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-24 15:18:05	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	58.60	61.25	60.25	60.03	2.22	ppb
Antimony	121-1	0.05	0.05	0.03	0.04	23.44	ppb
Arsenic	75-2	0.02	0.05	0.04	0.04	49.22	ppb
Barium	135-1	0.52	0.52	0.60	0.54	8.15	ppb
Barium	137-1	0.51	0.62	0.59	0.57	9.30	ppb
Beryllium	9-1	0.08	0.08	0.08	0.08	3.42	ppb
Bismuth	209-1				103		%
Bismuth	209-2				111		%
Boron	10-1	9.95	9.66	9.74	9.78	1.55	ppb
Boron	11-1	10.77	10.12	10.22	10.37	3.35	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.02	0.02	-0.02	-0.01		ppb
Cadmium	106-1	-3.91	-0.28	-2.90	-2.36		ppb
Cadmium	108-1	-0.13	0.11	-0.12	-0.05		ppb
Calcium	43-1	139.68	160.45	156.45	152.19	7.24	ppb
Calcium	44-1	155.47	162.89	157.46	158.61	2.42	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.05	0.05	0.10	0.07	37.28	ppb
Cobalt	59-2	0.01	0.02	0.01	0.01	32.00	ppb
Copper	63-2	0.67	0.76	0.68	0.70	6.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				115		%
Indium	115-1				110		%
Indium	115-2				117		%
Iron	54-2	80.50	49.94	53.78	61.41	27.11	ppb
Iron	56-2	62.18	54.39	55.10	57.22	7.53	ppb
Iron	57-2	59.16	52.83	56.37	56.12	5.66	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	O2049-01DLX5	Instrumnet Name :	P8
Client Sample ID :	OK-02-032323DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-24 15:18:05	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.24	0.26	0.21	0.23	10.57	ppb
Lead	207-1	0.27	0.25	0.20	0.24	15.39	ppb
Lead	208-1	0.24	0.23	0.23	0.24	3.12	ppb
Lithium	6-1				91		%
Magnesium	24-2	30.73	37.90	30.60	33.08	12.63	ppb
Manganese	55-2	1.51	1.32	1.45	1.43	6.58	ppb
Molybdenum	94-1	0.16	0.12	0.15	0.14	12.73	ppb
Molybdenum	95-1	0.10	0.10	0.11	0.10	6.17	ppb
Molybdenum	96-1	0.11	0.07	0.07	0.08	31.53	ppb
Molybdenum	97-1	0.15	0.10	0.08	0.11	34.30	ppb
Molybdenum	98-1	0.10	0.09	0.06	0.08	26.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.09	0.08	0.16	0.11	38.59	ppb
Phosphorus	31-2	11.54	5.38	-28.44	-3.84		ppb
Potassium	39-2	20.14	44.41	35.38	33.31	36.81	ppb
Rhodium	103-1				110		%
Rhodium	103-2				112		%
Scandium	45-1				106		%
Scandium	45-2				109		%
Selenium	82-1	-0.16	-0.06	0.08	-0.05		ppb
Selenium	77-2	0.00	0.00	0.82	0.27	173.21	ppb
Selenium	78-2	0.85	0.33	1.57	0.92	67.56	ppb
Silicon	28-1	3.29	2.50	0.86	2.21	55.95	ppb
Silver	107-1	-0.02	-0.02	-0.02	-0.02		ppb
Silver	109-1	-0.01	-0.01	-0.02	-0.01		ppb
Sodium	23-2	744.15	750.45	729.09	741.23	1.48	ppb
Strontium	86-1	0.50	0.49	0.53	0.51	3.92	ppb
Strontium	88-1	0.56	0.56	0.55	0.56	0.45	ppb
Sulfur	34-1	-3615.66	-3099.52	-3464.55	-3393.24		ppb
Terbium	159-1				109		%
Terbium	159-2				112		%
Thallium	203-1	0.07	0.05	0.08	0.07	22.38	ppb
Thallium	205-1	0.07	0.07	0.07	0.07	1.30	ppb
Tin	118-1	1.03	1.14	1.15	1.11	5.87	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	O2049-01DLX5	Instrumnet Name :	P8
Client Sample ID :	OK-02-032323DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-24 15:18:05	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.94	1.00	0.79	0.91	11.74	ppb
Uranium	238-1	0.03	0.01	0.01	0.02	63.20	ppb
Vanadium	51-2	0.18	0.17	0.17	0.17	5.05	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				118		%
Zinc	66-2	4.94	4.39	4.74	4.69	5.89	ppb
Zirconium	90-1	0.02	0.03	0.01	0.02	36.96	ppb
Zirconium	91-1	0.02	0.00	0.00	0.01	129.23	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	O2047-01DL2X25	Instrumnet Name :	P8
Client Sample ID :	R-PITDL2	Dilution Factor :	25
Date & Time Acquired :	2023-03-24 15:21:06	DataFile Name :	043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9912.65	9666.67	9834.02	9804.44	1.28	ppb
Antimony	121-1	0.79	0.81	0.73	0.78	4.88	ppb
Arsenic	75-2	9.12	8.90	9.61	9.21	3.95	ppb
Barium	135-1	136.13	137.38	139.94	137.82	1.41	ppb
Barium	137-1	133.77	138.27	136.19	136.08	1.65	ppb
Beryllium	9-1	1.60	1.63	1.63	1.62	1.00	ppb
Bismuth	209-1				101		%
Bismuth	209-2				108		%
Boron	10-1	10.61	10.76	11.12	10.83	2.44	ppb
Boron	11-1	11.26	11.51	11.49	11.42	1.26	ppb
Bromine	81-1						cps
Cadmium	111-1	0.19	0.30	0.15	0.21	36.81	ppb
Cadmium	106-1	-0.97	1.57	-1.12	-0.17		ppb
Cadmium	108-1	0.28	0.40	0.27	0.32	22.29	ppb
Calcium	43-1	865.68	919.17	865.01	883.28	3.52	ppb
Calcium	44-1	857.01	914.19	866.38	879.19	3.49	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	14.78	14.83	14.65	14.75	0.66	ppb
Cobalt	59-2	11.68	11.67	11.81	11.72	0.66	ppb
Copper	63-2	63.20	62.62	63.43	63.08	0.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				115		%
Indium	115-1				109		%
Indium	115-2				115		%
Iron	54-2	37537.17	37450.58	36527.46	37171.74	1.51	ppb
Iron	56-2	36751.73	37066.07	37395.12	37070.97	0.87	ppb
Iron	57-2	35789.10	36180.93	35856.05	35942.02	0.58	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	O2047-01DL2X25	Instrumnet Name :	P8
Client Sample ID :	R-PITDL2	Dilution Factor :	25
Date & Time Acquired :	2023-03-24 15:21:06	DataFile Name :	043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	31.35	31.52	30.69	31.18	1.41	ppb
Lead	207-1	30.34	30.07	28.47	29.63	3.42	ppb
Lead	208-1	30.06	30.76	29.67	30.17	1.84	ppb
Lithium	6-1				91		%
Magnesium	24-2	3392.48	3381.36	3372.70	3382.18	0.29	ppb
Manganese	55-2	1261.78	1265.13	1254.54	1260.49	0.43	ppb
Molybdenum	94-1	1.98	2.07	1.88	1.98	4.79	ppb
Molybdenum	95-1	0.35	0.49	0.34	0.39	21.70	ppb
Molybdenum	96-1	0.77	0.86	0.75	0.79	7.28	ppb
Molybdenum	97-1	0.38	0.45	0.36	0.40	12.33	ppb
Molybdenum	98-1	0.34	0.50	0.34	0.39	22.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	22.11	22.44	22.29	22.28	0.75	ppb
Phosphorus	31-2	436.05	446.21	537.90	473.39	11.85	ppb
Potassium	39-2	853.65	854.68	854.54	854.29	0.07	ppb
Rhodium	103-1				107		%
Rhodium	103-2				109		%
Scandium	45-1				104		%
Scandium	45-2				111		%
Selenium	82-1	0.57	0.64	0.78	0.66	16.40	ppb
Selenium	77-2	11.11	8.20	12.38	10.57	20.28	ppb
Selenium	78-2	2.50	3.69	2.41	2.87	24.85	ppb
Silicon	28-1	31.96	30.33	30.39	30.89	2.98	ppb
Silver	107-1	0.01	0.03	0.01	0.02	48.28	ppb
Silver	109-1	0.02	0.05	0.03	0.03	36.52	ppb
Sodium	23-2	125.49	131.08	124.32	126.96	2.84	ppb
Strontium	86-1	11.36	11.45	11.72	11.51	1.62	ppb
Strontium	88-1	11.38	11.61	11.57	11.52	1.07	ppb
Sulfur	34-1	-3126.56	-2897.40	-3288.76	-3104.24		ppb
Terbium	159-1				107		%
Terbium	159-2				113		%
Thallium	203-1	0.15	0.20	0.15	0.17	18.22	ppb
Thallium	205-1	0.14	0.19	0.17	0.17	14.77	ppb
Tin	118-1	2.16	2.32	2.22	2.23	3.67	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	O2047-01DL2X25	Instrumnet Name :	P8
Client Sample ID :	R-PITDL2	Dilution Factor :	25
Date & Time Acquired :	2023-03-24 15:21:06	DataFile Name :	043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	126.25	130.95	125.71	127.64	2.26	ppb
Uranium	238-1	0.83	0.87	0.78	0.82	5.62	ppb
Vanadium	51-2	17.36	16.85	16.76	16.99	1.92	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				119		%
Zinc	66-2	63.62	62.78	63.38	63.26	0.68	ppb
Zirconium	90-1	0.95	0.93	0.94	0.94	1.10	ppb
Zirconium	91-1	0.92	0.94	1.02	0.96	5.70	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P8
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 15:27:45	DataFile Name :	044CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50809.55	50067.25	46995.85	49290.88	4.10	ppb
Antimony	121-1	510.99	485.66	412.66	469.77	10.87	ppb
Arsenic	75-2	477.67	471.00	444.35	464.34	3.80	ppb
Barium	135-1	2617.28	2562.91	2139.27	2439.82	10.73	ppb
Barium	137-1	2535.35	2491.26	2176.38	2400.99	8.15	ppb
Beryllium	9-1	508.81	493.95	437.06	479.94	7.89	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Boron	10-1	492.46	509.91	457.51	486.62	5.48	ppb
Boron	11-1	501.11	515.18	450.70	489.00	6.93	ppb
Bromine	81-1						cps
Cadmium	111-1	477.49	472.58	403.74	451.27	9.14	ppb
Cadmium	106-1	465.14	477.70	415.08	452.64	7.32	ppb
Cadmium	108-1	477.60	481.78	406.52	455.30	9.29	ppb
Calcium	43-1	252406.81	241571.43	204993.78	232990.67	10.66	ppb
Calcium	44-1	245763.21	239403.63	204405.46	229857.43	9.69	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	471.33	465.10	440.31	458.91	3.58	ppb
Cobalt	59-2	499.77	477.37	458.03	478.39	4.37	ppb
Copper	63-2	4864.83	4913.61	4750.01	4842.82	1.73	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				114		%
Holmium	165-2				115		%
Indium	115-1				111		%
Indium	115-2				112		%
Iron	54-2	127942.41	123100.27	122034.84	124359.18	2.53	ppb
Iron	56-2	125462.93	124093.47	120063.82	123206.74	2.28	ppb
Iron	57-2	127876.39	128235.68	122144.25	126085.44	2.71	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P8
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 15:27:45	DataFile Name :	044CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2418.14	2529.40	2138.82	2362.12	8.52	ppb
Lead	207-1	2443.59	2517.29	2113.80	2358.23	9.11	ppb
Lead	208-1	2440.09	2527.45	2109.54	2359.03	9.34	ppb
Lithium	6-1				96		%
Magnesium	24-2	258524.69	244388.32	235859.10	246257.37	4.65	ppb
Manganese	55-2	4886.78	4740.88	4672.25	4766.64	2.30	ppb
Molybdenum	94-1	4735.30	4749.09	4170.79	4551.72	7.25	ppb
Molybdenum	95-1	4787.36	4865.16	4161.25	4604.59	8.38	ppb
Molybdenum	96-1	4658.36	4790.70	4118.84	4522.63	7.87	ppb
Molybdenum	97-1	4741.19	4687.01	4078.94	4502.38	8.17	ppb
Molybdenum	98-1	4722.43	4800.67	4036.39	4519.83	9.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	493.16	483.58	468.19	481.64	2.62	ppb
Phosphorus	31-2	9951.46	9682.44	9530.14	9721.35	2.19	ppb
Potassium	39-2	123784.49	125774.94	121200.20	123586.54	1.86	ppb
Rhodium	103-1				105		%
Rhodium	103-2				103		%
Scandium	45-1				112		%
Scandium	45-2				109		%
Selenium	82-1	482.00	483.36	415.88	460.41	8.38	ppb
Selenium	77-2	484.72	473.00	446.72	468.15	4.16	ppb
Selenium	78-2	494.35	479.66	461.95	478.66	3.39	ppb
Silicon	28-1	506.22	500.68	428.46	478.46	9.07	ppb
Silver	107-1	478.38	489.02	421.58	462.99	7.83	ppb
Silver	109-1	495.17	482.55	405.47	461.07	10.53	ppb
Sodium	23-2	241345.23	240634.56	231811.95	237930.58	2.23	ppb
Strontium	86-1	11943.40	12117.68	10499.54	11520.20	7.71	ppb
Strontium	88-1	11901.90	11939.08	10511.46	11450.81	7.11	ppb
Sulfur	34-1	9739.81	9376.36	5459.69	8191.95	28.97	ppb
Terbium	159-1				113		%
Terbium	159-2				113		%
Thallium	203-1	483.27	512.45	429.25	474.99	8.89	ppb
Thallium	205-1	489.61	503.11	434.41	475.71	7.65	ppb
Tin	118-1	519.65	508.35	428.87	485.63	10.19	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P8
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 15:27:45	DataFile Name :	044CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4939.84	4826.26	4073.23	4613.11	10.21	ppb
Uranium	238-1	483.74	482.12	419.81	461.89	7.89	ppb
Vanadium	51-2	491.59	475.65	461.25	476.16	3.19	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				114		%
Yttrium	89-2				120		%
Zinc	66-2	4667.91	4677.09	4503.57	4616.19	2.12	ppb
Zirconium	90-1	486.30	487.14	424.68	466.04	7.69	ppb
Zirconium	91-1	467.75	464.43	416.06	449.41	6.44	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	CCB05	Instrumnet Name :	P8
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 15:36:17	DataFile Name :	045CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.78	1.04	1.37	1.06	27.57	ppb
Antimony	121-1	0.06	0.07	0.07	0.07	7.04	ppb
Arsenic	75-2	0.01	0.02	0.04	0.02	79.62	ppb
Barium	135-1	0.05	0.04	0.00	0.03	97.95	ppb
Barium	137-1	0.05	0.02	0.04	0.03	44.47	ppb
Beryllium	9-1	0.07	0.08	0.06	0.07	13.48	ppb
Bismuth	209-1				101		%
Bismuth	209-2				108		%
Boron	10-1	10.38	10.60	9.60	10.19	5.14	ppb
Boron	11-1	11.15	10.58	10.47	10.73	3.37	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.02	0.00	-0.03	-0.02		ppb
Cadmium	106-1	-3.61	-1.52	-4.50	-3.21		ppb
Cadmium	108-1	-0.08	0.00	0.00	-0.03		ppb
Calcium	43-1	4.40	4.72	2.80	3.97	25.85	ppb
Calcium	44-1	12.04	8.62	7.19	9.28	26.81	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	-0.01	-0.04	-0.02		ppb
Cobalt	59-2	-0.02	-0.01	-0.01	-0.02		ppb
Copper	63-2	0.20	0.24	0.17	0.21	17.93	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				107		%
Holmium	165-2				111		%
Indium	115-1				106		%
Indium	115-2				112		%
Iron	54-2	2.33	3.37	3.39	3.03	20.09	ppb
Iron	56-2	2.20	2.51	2.41	2.37	6.76	ppb
Iron	57-2	3.84	4.25	3.29	3.79	12.71	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	CCB05	Instrumnet Name :	P8
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 15:36:17	DataFile Name :	045CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.08	0.05	0.01	0.05	67.79	ppb
Lead	207-1	0.12	0.07	0.07	0.09	29.90	ppb
Lead	208-1	0.10	0.07	0.05	0.07	32.67	ppb
Lithium	6-1				93		%
Magnesium	24-2	1.04	1.86	1.29	1.40	30.04	ppb
Manganese	55-2	0.07	0.08	0.06	0.07	18.26	ppb
Molybdenum	94-1	0.21	0.11	0.14	0.16	32.38	ppb
Molybdenum	95-1	0.16	0.09	0.07	0.11	42.43	ppb
Molybdenum	96-1	0.19	0.09	0.09	0.12	43.45	ppb
Molybdenum	97-1	0.17	0.11	0.07	0.12	44.55	ppb
Molybdenum	98-1	0.18	0.09	0.08	0.12	48.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.01	-0.01	-0.02		ppb
Phosphorus	31-2	-8.01	-6.62	-1.92	-5.52		ppb
Potassium	39-2	-4.72	-10.44	-11.51	-8.89		ppb
Rhodium	103-1				106		%
Rhodium	103-2				106		%
Scandium	45-1				102		%
Scandium	45-2				107		%
Selenium	82-1	0.58	-0.24	0.12	0.15	272.95	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.43	-0.02	0.78	0.11	571.00	ppb
Silicon	28-1	-0.58	-0.65	-1.32	-0.85		ppb
Silver	107-1	-0.02	-0.02	-0.03	-0.02		ppb
Silver	109-1	-0.01	0.00	0.00	0.00		ppb
Sodium	23-2	29.64	32.85	34.30	32.26	7.39	ppb
Strontium	86-1	0.24	0.20	0.14	0.19	28.25	ppb
Strontium	88-1	0.23	0.11	0.10	0.14	49.41	ppb
Sulfur	34-1	-1782.54	-1987.71	-2414.43	-2061.56		ppb
Terbium	159-1				105		%
Terbium	159-2				110		%
Thallium	203-1	0.08	0.08	0.08	0.08	1.18	ppb
Thallium	205-1	0.07	0.06	0.06	0.07	11.31	ppb
Tin	118-1	0.00	-0.02	0.01	0.00		ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	CCB05	Instrumnet Name :	P8
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 15:36:17	DataFile Name :	045CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.17	0.02	0.01	0.07	131.19	ppb
Uranium	238-1	0.01	0.01	0.00	0.01	83.09	ppb
Vanadium	51-2	0.01	0.02	0.00	0.01	120.83	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				113		%
Zinc	66-2	-0.04	0.00	0.05	0.00	912.46	ppb
Zirconium	90-1	0.02	0.00	0.00	0.01	136.74	ppb
Zirconium	91-1	0.01	0.02	0.03	0.02	46.29	ppb

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P8
Client Sample ID :	TUNE	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 10:48:46	DataFile Name :	001SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	111	112	126	117	7.13	cps
Antimony	121-1	267	342	292	300	12.73	cps
Arsenic	75-2	10	13	6	10	36.33	cps
Barium	135-1	92	100	83	92	9.09	cps
Barium	137-1	133	125	100	119	14.53	cps
Beryllium	9-1	246	199	169	205	19.10	cps
Bismuth	209-1	5665045	5131965	4956103	5251037	7.03	cps
Bismuth	209-2	2872492	2948666	3040462	2953873	2.85	cps
Boron	10-1	360	390	382	377	4.12	cps
Boron	11-1	1634	1444	1532	1536	6.19	cps
Bromine	81-1	32914	32856	33424	33065	0.95	cps
Cadmium	111-1	603	551	531	562	6.55	cps
Cadmium	106-1	5693	5393	5326	5471	3.57	cps
Cadmium	108-1	42	25	38	35	24.98	cps
Calcium	43-1	219	204	176	200	10.80	cps
Calcium	44-1	15086	15242	15349	15226	0.87	cps
Carbon	12-1	4851910	4950018	4917814	4906581	1.02	cps
Carbon	12-2	55731	55246	56058	55678	0.73	cps
Chlorine	35-1	212433	217516	219681	216543	1.72	cps
Chlorine	35-2	1333	1342	1250	1308	3.87	cps
Chromium	52-2	727	737	727	730	0.79	cps
Cobalt	59-2	237	200	167	201	17.41	cps
Copper	63-2	787	930	907	874	8.79	cps
Dysprosium	156-1	17	0	0	6	173.21	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	58	58	58	58	0.01	cps
Erbium	164-2	13	43	37	31	50.64	cps
Gadolinium	160-1	100	117	83	100	16.66	cps
Gadolinium	160-2	97	77	147	107	33.80	cps
Holmium	165-1	8547558	7770090	7536956	7951535	6.65	cps
Holmium	165-2	3756497	3859181	3904067	3839915	1.97	cps
Indium	115-1	7296927	6924894	6566219	6929346	5.27	cps
Indium	115-2	1059433	1072045	1112165	1081214	2.55	cps
Iron	54-2	667	883	833	794	14.28	cps
Iron	56-2	4840	4845	4868	4851	0.30	cps
Iron	57-2	244	172	250	222	19.53	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P8
Client Sample ID :	TUNE	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 10:48:46	DataFile Name :	001SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	347	342	366	352	3.56	cps
Lead	206-1	761	656	628	682	10.32	cps
Lead	207-1	622	706	539	622	13.39	cps
Lead	208-1	2856	2817	2495	2722	7.28	cps
Lithium	6-1	4702932	4325001	4264132	4430688	5.37	cps
Magnesium	24-2	750	675	717	714	5.26	cps
Manganese	55-2	107	137	100	114	17.07	cps
Molybdenum	94-1	442	492	475	469	5.42	cps
Molybdenum	95-1	608	492	417	506	19.11	cps
Molybdenum	96-1	483	642	475	533	17.61	cps
Molybdenum	97-1	292	308	242	281	12.37	cps
Molybdenum	98-1	642	650	708	667	5.45	cps
Neodymium	150-1	13	0	13	9	86.60	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	110	90	97	99	10.30	cps
Phosphorus	31-2	158	217	108	161	33.65	cps
Potassium	39-2	26525	26241	27635	26800	2.75	cps
Rhodium	103-1	7361753	6876197	6795582	7011177	4.37	cps
Rhodium	103-2	3115447	3115464	3360329	3197080	4.42	cps
Scandium	45-1	5914003	5370494	5501438	5595312	5.07	cps
Scandium	45-2	181407	184216	189956	185193	2.35	cps
Selenium	82-1	14	15	-11	6	253.85	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	39	68	65	57	27.82	cps
Silicon	28-1	868225	865929	879235	871130	0.82	cps
Silver	107-1	208	275	225	236	14.69	cps
Silver	109-1	225	250	200	225	11.11	cps
Sodium	23-2	25556	25131	26207	25631	2.12	cps
Strontium	86-1	692	650	642	661	4.05	cps
Strontium	88-1	1000	1100	1467	1189	20.67	cps
Sulfur	34-1	506726	507244	511333	508434	0.50	cps
Terbium	159-1	8799722	8040298	8051794	8297272	5.24	cps
Terbium	159-2	3732652	3784880	3932492	3816675	2.72	cps
Thallium	203-1	225	242	150	206	23.76	cps
Thallium	205-1	675	458	392	508	29.14	cps
Tin	118-1	467	592	500	519	12.46	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P8
Client Sample ID :	TUNE	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 10:48:46	DataFile Name :	001SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	200	200	133	178	21.65	cps
Uranium	238-1	650	542	483	558	15.15	cps
Vanadium	51-2	10	23	30	21	48.24	cps
Ytterbium	172-1	75	42	58	58	28.57	cps
Ytterbium	172-2	22	39	39	33	28.87	cps
Ytterbium	176-1	2142	1817	1892	1950	8.73	cps
Ytterbium	176-2	7474	7930	8169	7858	4.49	cps
Yttrium	89-1	11852263	11011409	10994502	11286058	4.35	cps
Yttrium	89-2	1203309	1218181	1260943	1227478	2.44	cps
Zinc	66-2	130	97	103	110	16.03	cps
Zirconium	90-1	550	542	542	544	0.88	cps
Zirconium	91-1	100	25	75	67	57.28	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 12:05:36	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	52	75	65	17.63	cps
Antimony	121-1	33	0	8	14	124.91	cps
Arsenic	75-2	2	0	6	3	114.56	cps
Barium	135-1	33	25	0	19	89.21	cps
Barium	137-1	67	25	33	42	52.91	cps
Beryllium	9-1	33	29	25	29	13.04	cps
Bismuth	209-1	5224099	5176976	5195348	5198808	0.46	cps
Bismuth	209-2	3010343	2971768	2932266	2971459	1.31	cps
Boron	10-1	350	370	382	367	4.40	cps
Boron	11-1	1434	1550	1620	1534	6.12	cps
Bromine	81-1	31579	31653	33157	32130	2.77	cps
Cadmium	111-1	432	419	404	419	3.34	cps
Cadmium	106-1	4409	4284	4276	4323	1.73	cps
Cadmium	108-1	13	25	33	24	44.41	cps
Calcium	43-1	147	125	139	137	8.27	cps
Calcium	44-1	12636	12438	12553	12542	0.80	cps
Carbon	12-1	4719419	4694081	4768534	4727344	0.80	cps
Carbon	12-2	52101	53540	53465	53035	1.53	cps
Chlorine	35-1	162370	158957	159741	160356	1.11	cps
Chlorine	35-2	925	942	975	947	2.69	cps
Chromium	52-2	667	703	687	686	2.68	cps
Cobalt	59-2	140	97	93	110	23.67	cps
Copper	63-2	840	843	803	829	2.68	cps
Dysprosium	156-1	0	25	0	8	173.21	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	75	42	58	58	28.57	cps
Erbium	164-2	27	23	33	28	18.33	cps
Gadolinium	160-1	42	67	42	50	28.87	cps
Gadolinium	160-2	103	110	167	127	27.48	cps
Holmium	165-1	7764374	7840849	7802160	7802461	0.49	cps
Holmium	165-2	3874919	3817269	3883342	3858510	0.93	cps
Indium	115-1	6677836	6770767	7000356	6816320	2.44	cps
Indium	115-2	1086026	1057396	1086637	1076686	1.55	cps
Iron	54-2	622	478	617	572	14.30	cps
Iron	56-2	2500	2450	2539	2497	1.79	cps
Iron	57-2	111	117	117	115	2.80	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 12:05:36	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	324	374	330	342	7.96	cps
Lead	206-1	539	556	556	550	1.75	cps
Lead	207-1	422	461	300	394	21.31	cps
Lead	208-1	2139	2150	1783	2024	10.30	cps
Lithium	6-1	4532689	4484539	4467376	4494868	0.75	cps
Magnesium	24-2	383	292	400	358	16.28	cps
Manganese	55-2	33	43	30	36	19.51	cps
Molybdenum	94-1	125	167	133	142	15.56	cps
Molybdenum	95-1	67	17	8	31	103.26	cps
Molybdenum	96-1	83	83	83	83	0.00	cps
Molybdenum	97-1	8	0	8	6	86.60	cps
Molybdenum	98-1	42	33	33	36	13.33	cps
Neodymium	150-1	20	0	0	7	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	23	30	43	32	31.61	cps
Phosphorus	31-2	133	125	158	139	12.49	cps
Potassium	39-2	26784	26491	27301	26859	1.53	cps
Rhodium	103-1	6893792	6927955	6947689	6923145	0.39	cps
Rhodium	103-2	3258480	3246315	3335335	3280043	1.47	cps
Scandium	45-1	5765305	5498982	5636705	5633664	2.36	cps
Scandium	45-2	182780	186326	183737	184281	1.00	cps
Selenium	82-1	25	-49	30	2	2116.51	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	44	55	55	51	12.38	cps
Silicon	28-1	835288	835578	834485	835117	0.07	cps
Silver	107-1	233	392	325	317	25.10	cps
Silver	109-1	100	217	183	167	36.06	cps
Sodium	23-2	22192	21675	21775	21881	1.25	cps
Strontium	86-1	825	492	517	611	30.38	cps
Strontium	88-1	992	350	358	567	64.96	cps
Sulfur	34-1	519176	517355	520353	518961	0.29	cps
Terbium	159-1	8208822	8172466	8043798	8141695	1.06	cps
Terbium	159-2	3871141	3873294	3865356	3869930	0.11	cps
Thallium	203-1	92	58	58	69	27.71	cps
Thallium	205-1	217	175	233	208	14.42	cps
Tin	118-1	392	400	342	378	8.35	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 12:05:36	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	133	100	125	119	14.53	cps
Uranium	238-1	58	17	8	28	96.44	cps
Vanadium	51-2	3	0	3	2	86.60	cps
Ytterbium	172-1	17	42	33	31	41.66	cps
Ytterbium	172-2	33	28	28	30	10.81	cps
Ytterbium	176-1	1550	1450	1542	1514	3.67	cps
Ytterbium	176-2	9214	8836	8864	8972	2.35	cps
Yttrium	89-1	10975653	11383572	11286139	11215122	1.90	cps
Yttrium	89-2	1215137	1239962	1233922	1229674	1.05	cps
Zinc	66-2	97	70	67	78	21.14	cps
Zirconium	90-1	517	442	375	444	15.95	cps
Zirconium	91-1	117	42	67	75	50.92	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 12:11:41	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1020	1115	1045	1060	4.65	cps
Antimony	121-1	8286	8086	8061	8144	1.52	cps
Arsenic	75-2	154	137	153	148	6.45	cps
Barium	135-1	9504	9854	9720	9693	1.82	cps
Barium	137-1	16694	16686	17178	16853	1.67	cps
Beryllium	9-1	2440	2557	2535	2511	2.48	cps
Bismuth	209-1	5151822	5532415	5161497	5281911	4.11	cps
Bismuth	209-2	3016335	2993115	3035554	3015001	0.70	cps
Boron	10-1	6338	6996	7342	6892	7.40	cps
Boron	11-1	27240	30271	31752	29754	7.73	cps
Bromine	81-1	32622	31637	33224	32494	2.47	cps
Cadmium	111-1	1727	1659	1711	1699	2.09	cps
Cadmium	106-1	4668	5101	4768	4845	4.68	cps
Cadmium	108-1	158	121	142	140	13.39	cps
Calcium	43-1	9173	9259	8985	9139	1.53	cps
Calcium	44-1	153827	158145	156706	156226	1.41	cps
Carbon	12-1	5011562	5062205	5112337	5062035	1.00	cps
Carbon	12-2	56552	56158	56175	56295	0.40	cps
Chlorine	35-1	222169	229533	227297	226333	1.67	cps
Chlorine	35-2	1450	1475	1383	1436	3.30	cps
Chromium	52-2	3520	3357	3400	3426	2.47	cps
Cobalt	59-2	2677	2747	2700	2708	1.32	cps
Copper	63-2	5071	4891	5064	5009	2.04	cps
Dysprosium	156-1	17	17	17	17	0.00	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	67	42	75	61	28.38	cps
Erbium	164-2	23	43	23	30	38.49	cps
Gadolinium	160-1	33	50	75	53	39.74	cps
Gadolinium	160-2	93	93	120	102	15.06	cps
Holmium	165-1	8201394	8596160	8056366	8284640	3.37	cps
Holmium	165-2	3985601	3853990	3991105	3943565	1.97	cps
Indium	115-1	6749147	7292996	7068307	7036817	3.88	cps
Indium	115-2	1113128	1076403	1096208	1095246	1.68	cps
Iron	54-2	4023	3934	3656	3871	4.94	cps
Iron	56-2	63369	63536	61494	62799	1.81	cps
Iron	57-2	1728	1711	1728	1722	0.56	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 12:11:41	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	332	341	326	333	2.26	cps
Lead	206-1	3867	3801	3695	3788	2.29	cps
Lead	207-1	3478	3539	3434	3484	1.52	cps
Lead	208-1	15648	15343	15532	15508	1.00	cps
Lithium	6-1	4431714	4776978	4532084	4580259	3.88	cps
Magnesium	24-2	70112	68470	68245	68942	1.48	cps
Manganese	55-2	913	943	900	919	2.42	cps
Molybdenum	94-1	10129	10604	10046	10260	2.94	cps
Molybdenum	95-1	12114	12614	11880	12203	3.07	cps
Molybdenum	96-1	14558	14466	13916	14313	2.43	cps
Molybdenum	97-1	7602	7527	7544	7558	0.52	cps
Molybdenum	98-1	19172	19473	20641	19762	3.93	cps
Neodymium	150-1	0	27	0	9	173.21	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	777	797	743	772	3.49	cps
Phosphorus	31-2	158	208	192	186	13.68	cps
Potassium	39-2	71435	68312	68094	69281	2.70	cps
Rhodium	103-1	6811996	7360504	7162594	7111698	3.91	cps
Rhodium	103-2	3238299	3277558	3316992	3277616	1.20	cps
Scandium	45-1	5525185	5993916	5579106	5699403	4.50	cps
Scandium	45-2	184510	184901	185994	185135	0.42	cps
Selenium	82-1	590	549	611	583	5.45	cps
Selenium	77-2	17	30	17	21	36.45	cps
Selenium	78-2	121	102	111	111	8.54	cps
Silicon	28-1	890436	904528	875562	890175	1.63	cps
Silver	107-1	6685	6627	6777	6696	1.13	cps
Silver	109-1	6368	6160	6410	6313	2.12	cps
Sodium	23-2	156013	152651	153781	154149	1.11	cps
Strontium	86-1	2259	2309	1934	2167	9.40	cps
Strontium	88-1	14374	14049	13232	13885	4.24	cps
Sulfur	34-1	520986	527084	533796	527289	1.22	cps
Terbium	159-1	8245703	9146995	8305014	8565904	5.89	cps
Terbium	159-2	3927437	3876378	3840136	3881317	1.13	cps
Thallium	203-1	3909	4343	4351	4201	6.02	cps
Thallium	205-1	9646	10304	9962	9971	3.30	cps
Tin	118-1	19473	19097	19673	19414	1.51	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 12:11:41	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4201	4509	4159	4290	4.46	cps
Uranium	238-1	13241	13232	13391	13288	0.67	cps
Vanadium	51-2	5975	5451	5561	5662	4.88	cps
Ytterbium	172-1	58	67	58	61	7.88	cps
Ytterbium	172-2	50	28	17	31	53.90	cps
Ytterbium	176-1	1533	1567	1683	1595	4.94	cps
Ytterbium	176-2	8981	9137	9353	9157	2.04	cps
Yttrium	89-1	11075191	11976816	11306748	11452918	4.09	cps
Yttrium	89-2	1265563	1232766	1250787	1249705	1.31	cps
Zinc	66-2	710	647	720	692	5.75	cps
Zirconium	90-1	8603	8903	8411	8639	2.87	cps
Zirconium	91-1	1809	1600	1867	1758	7.97	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 12:14:43	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	55068	54055	52758	53960	2.15	cps
Antimony	121-1	210669	219902	210680	213750	2.49	cps
Arsenic	75-2	7243	7279	7058	7193	1.64	cps
Barium	135-1	260357	262528	251104	257996	2.35	cps
Barium	137-1	453695	450159	450521	451459	0.43	cps
Beryllium	9-1	117930	121191	121556	120226	1.66	cps
Bismuth	209-1	5288791	5382117	5294596	5321835	0.98	cps
Bismuth	209-2	2952766	2988049	3180945	3040587	4.04	cps
Boron	10-1	22903	25062	26138	24701	6.67	cps
Boron	11-1	96022	108353	114512	106296	8.86	cps
Bromine	81-1	32622	32113	34410	33048	3.65	cps
Cadmium	111-1	62447	63698	64190	63445	1.42	cps
Cadmium	106-1	11272	12206	12273	11917	4.70	cps
Cadmium	108-1	5389	5480	5343	5404	1.30	cps
Calcium	43-1	100683	102821	103484	102329	1.43	cps
Calcium	44-1	1621821	1638710	1672305	1644279	1.56	cps
Carbon	12-1	5033101	5204897	5153293	5130430	1.72	cps
Carbon	12-2	58141	58115	58149	58135	0.03	cps
Chlorine	35-1	223532	228847	229600	227326	1.45	cps
Chlorine	35-2	1317	1425	1608	1450	10.17	cps
Chromium	52-2	77473	75549	75398	76140	1.52	cps
Cobalt	59-2	135690	135388	131324	134134	1.82	cps
Copper	63-2	1100004	1067758	1046396	1071386	2.52	cps
Dysprosium	156-1	0	25	8	11	114.58	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-1	42	67	17	42	60.00	cps
Erbium	164-2	27	17	43	29	46.62	cps
Gadolinium	160-1	50	75	58	61	20.83	cps
Gadolinium	160-2	177	127	137	147	18.04	cps
Holmium	165-1	8197251	8060164	8107482	8121632	0.86	cps
Holmium	165-2	4001357	3982479	4000378	3994738	0.27	cps
Indium	115-1	6743460	7251917	7108429	7034602	3.73	cps
Indium	115-2	1083330	1082742	1116711	1094261	1.78	cps
Iron	54-2	180576	179325	175336	178412	1.53	cps
Iron	56-2	3440896	3293466	3244237	3326200	3.08	cps
Iron	57-2	79990	79392	76443	78609	2.42	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 12:14:43	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	339	300	364	334	9.61	cps
Lead	206-1	866087	896040	893459	885196	1.88	cps
Lead	207-1	797762	785491	803578	795610	1.16	cps
Lead	208-1	3695594	3701777	3731880	3709750	0.52	cps
Lithium	6-1	4518041	4523967	4733439	4591816	2.67	cps
Magnesium	24-2	756653	740633	736334	744540	1.44	cps
Manganese	55-2	405836	388295	385241	393124	2.83	cps
Molybdenum	94-1	899000	957426	938982	931803	3.21	cps
Molybdenum	95-1	1303239	1384388	1367547	1351725	3.17	cps
Molybdenum	96-1	1452507	1513591	1523110	1496402	2.56	cps
Molybdenum	97-1	832385	860688	849197	847423	1.68	cps
Molybdenum	98-1	2114774	2240136	2179406	2178106	2.88	cps
Neodymium	150-1	87	33	47	56	49.96	cps
Neodymium	150-2	13	7	0	7	99.98	cps
Nickel	60-2	37640	38094	36885	37540	1.63	cps
Phosphorus	31-2	3209	3367	3092	3223	4.28	cps
Potassium	39-2	259556	257840	247983	255126	2.45	cps
Rhodium	103-1	6868752	7204614	7007526	7026964	2.40	cps
Rhodium	103-2	3181117	3250043	3323573	3251578	2.19	cps
Scandium	45-1	5517311	5579078	5829878	5642089	2.93	cps
Scandium	45-2	184471	184519	192028	187006	2.33	cps
Selenium	82-1	6093	6091	6023	6069	0.65	cps
Selenium	77-2	183	140	167	163	13.38	cps
Selenium	78-2	710	645	658	671	5.13	cps
Silicon	28-1	2873523	2946571	2984658	2934917	1.92	cps
Silver	107-1	331405	337185	335192	334594	0.88	cps
Silver	109-1	319106	328417	323530	323684	1.44	cps
Sodium	23-2	1451343	1385154	1395710	1410736	2.52	cps
Strontium	86-1	2091740	2115135	2109926	2105600	0.58	cps
Strontium	88-1	17262698	17930279	18221307	17804761	2.76	cps
Sulfur	34-1	563200	566896	566419	565505	0.36	cps
Terbium	159-1	8489639	8716494	8628679	8611604	1.33	cps
Terbium	159-2	3865046	3930740	4052714	3949500	2.41	cps
Thallium	203-1	210751	212733	212964	212149	0.57	cps
Thallium	205-1	507925	513047	518946	513306	1.07	cps
Tin	118-1	196793	203520	195109	198474	2.24	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 12:14:43	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	428747	444214	446168	439710	2.17	cps
Uranium	238-1	696788	695625	687497	693303	0.73	cps
Vanadium	51-2	59373	58988	57843	58735	1.35	cps
Ytterbium	172-1	50	33	42	42	20.00	cps
Ytterbium	172-2	39	28	22	30	28.65	cps
Ytterbium	176-1	2292	2475	2375	2381	3.86	cps
Ytterbium	176-2	9398	9226	10015	9546	4.35	cps
Yttrium	89-1	11127985	11466350	11689931	11428089	2.48	cps
Yttrium	89-2	1234761	1252139	1285026	1257309	2.03	cps
Zinc	66-2	136085	132262	128774	132374	2.76	cps
Zirconium	90-1	440182	464369	449154	451235	2.71	cps
Zirconium	91-1	97827	100428	97215	98490	1.73	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 12:17:43	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	131561	127019	125320	127967	2.52	cps
Antimony	121-1	527960	540293	535211	534488	1.16	cps
Arsenic	75-2	18126	17536	17589	17750	1.84	cps
Barium	135-1	633908	645861	644172	641314	1.01	cps
Barium	137-1	1121716	1155384	1125410	1134170	1.63	cps
Beryllium	9-1	295056	302786	298208	298684	1.30	cps
Bismuth	209-1	5215558	5272980	5409225	5299254	1.88	cps
Bismuth	209-2	3080673	2947523	3028300	3018832	2.22	cps
Boron	10-1	56694	61628	65391	61238	7.12	cps
Boron	11-1	242868	264430	280810	262703	7.24	cps
Bromine	81-1	32597	32096	32188	32294	0.83	cps
Cadmium	111-1	151448	154198	155820	153822	1.44	cps
Cadmium	106-1	23078	24197	24956	24077	3.92	cps
Cadmium	108-1	13202	13165	13632	13333	1.95	cps
Calcium	43-1	250827	259049	254883	254920	1.61	cps
Calcium	44-1	4009395	4152406	3940435	4034078	2.68	cps
Carbon	12-1	5078084	5080166	5194485	5117578	1.30	cps
Carbon	12-2	58283	58433	57881	58199	0.49	cps
Chlorine	35-1	224412	224208	226299	224973	0.51	cps
Chlorine	35-2	1375	1558	1433	1456	6.44	cps
Chromium	52-2	198662	193823	189133	193873	2.46	cps
Cobalt	59-2	338813	334575	327488	333625	1.72	cps
Copper	63-2	2846362	2814182	2650504	2770350	3.79	cps
Dysprosium	156-1	100	42	33	58	62.27	cps
Dysprosium	156-2	23	17	20	20	16.65	cps
Erbium	164-1	50	50	58	53	9.11	cps
Erbium	164-2	20	27	40	29	35.25	cps
Gadolinium	160-1	117	125	83	108	20.35	cps
Gadolinium	160-2	127	163	137	142	13.33	cps
Holmium	165-1	7845986	8185440	8335225	8122217	3.09	cps
Holmium	165-2	3917754	4003001	3933935	3951563	1.15	cps
Indium	115-1	6981994	7067453	7022653	7024033	0.61	cps
Indium	115-2	1102677	1083099	1088080	1091286	0.93	cps
Iron	54-2	450524	438575	426470	438523	2.74	cps
Iron	56-2	8163515	8192773	7881885	8079391	2.12	cps
Iron	57-2	198433	199159	191310	196301	2.21	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 12:17:43	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	297	356	345	333	9.37	cps
Lead	206-1	2345933	2433654	2414282	2397956	1.92	cps
Lead	207-1	2056919	2105391	2157273	2106527	2.38	cps
Lead	208-1	9509586	9630909	9704804	9615099	1.03	cps
Lithium	6-1	4385223	4488973	4499970	4458055	1.42	cps
Magnesium	24-2	1908116	1868930	1758441	1845162	4.21	cps
Manganese	55-2	1020418	979409	959144	986323	3.16	cps
Molybdenum	94-1	2329606	2339307	2340502	2336472	0.26	cps
Molybdenum	95-1	3350474	3343337	3345061	3346291	0.11	cps
Molybdenum	96-1	3781786	3723190	3692118	3732365	1.22	cps
Molybdenum	97-1	2095928	2135395	2141841	2124388	1.17	cps
Molybdenum	98-1	5235945	5396599	5504849	5379131	2.52	cps
Neodymium	150-1	100	93	113	102	9.96	cps
Neodymium	150-2	17	13	7	12	41.65	cps
Nickel	60-2	98197	95206	93247	95550	2.61	cps
Phosphorus	31-2	7719	7419	7369	7502	2.52	cps
Potassium	39-2	602027	595514	579962	592501	1.91	cps
Rhodium	103-1	6842804	6885354	6962477	6896878	0.88	cps
Rhodium	103-2	3271519	3255434	3279185	3268713	0.37	cps
Scandium	45-1	5531192	5888137	5572987	5664105	3.45	cps
Scandium	45-2	184408	182092	182088	182862	0.73	cps
Selenium	82-1	15265	15063	15143	15157	0.67	cps
Selenium	77-2	453	437	443	444	1.89	cps
Selenium	78-2	1634	1531	1437	1534	6.42	cps
Silicon	28-1	5908281	5935892	6222610	6022261	2.89	cps
Silver	107-1	821138	821290	837036	826488	1.11	cps
Silver	109-1	777903	781952	792197	784018	0.94	cps
Sodium	23-2	3409458	3337028	3241180	3329222	2.54	cps
Strontium	86-1	5092137	5153489	5067080	5104236	0.87	cps
Strontium	88-1	43803380	44521054	43876810	44067082	0.90	cps
Sulfur	34-1	626824	624380	626611	625938	0.22	cps
Terbium	159-1	8382821	8448279	8482694	8437931	0.60	cps
Terbium	159-2	3992056	3956617	3900320	3949664	1.17	cps
Thallium	203-1	525980	540848	538505	535111	1.49	cps
Thallium	205-1	1260034	1277301	1280697	1272677	0.87	cps
Tin	118-1	480006	491495	482280	484594	1.26	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 12:17:43	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1077707	1123406	1086992	1096035	2.20	cps
Uranium	238-1	1793781	1870066	1829800	1831216	2.08	cps
Vanadium	51-2	148135	144839	142429	145134	1.97	cps
Ytterbium	172-1	42	50	42	44	10.82	cps
Ytterbium	172-2	56	28	22	35	50.76	cps
Ytterbium	176-1	3934	3617	3542	3698	5.62	cps
Ytterbium	176-2	9960	10304	10482	10249	2.59	cps
Yttrium	89-1	11381960	11398440	11378128	11386176	0.09	cps
Yttrium	89-2	1246367	1218423	1238255	1234349	1.16	cps
Zinc	66-2	332679	326131	320608	326473	1.85	cps
Zirconium	90-1	1097084	1111536	1126756	1111792	1.33	cps
Zirconium	91-1	246301	245342	250599	247414	1.13	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 12:20:42	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	261090	253215	249108	254471	2.39	cps
Antimony	121-1	1067204	1085926	1081437	1078189	0.91	cps
Arsenic	75-2	37183	36198	35421	36267	2.44	cps
Barium	135-1	1289529	1343622	1289615	1307589	2.39	cps
Barium	137-1	2355845	2399833	2343771	2366483	1.25	cps
Beryllium	9-1	584527	594347	585921	588265	0.90	cps
Bismuth	209-1	5091293	5200704	5501651	5264549	4.04	cps
Bismuth	209-2	2984442	2972221	2966761	2974475	0.30	cps
Boron	10-1	112843	125431	130607	122961	7.43	cps
Boron	11-1	486089	548275	569109	534491	8.08	cps
Bromine	81-1	30994	31027	32656	31559	3.01	cps
Cadmium	111-1	304483	310616	305104	306734	1.10	cps
Cadmium	106-1	42015	42290	43135	42480	1.37	cps
Cadmium	108-1	26459	27561	26772	26931	2.11	cps
Calcium	43-1	504140	521448	512191	512593	1.69	cps
Calcium	44-1	8088539	8215545	8229478	8177854	0.95	cps
Carbon	12-1	5029237	5193021	5220849	5147702	2.01	cps
Carbon	12-2	60149	60383	58542	59691	1.68	cps
Chlorine	35-1	217949	223351	223006	221435	1.37	cps
Chlorine	35-2	1308	1300	1567	1392	10.89	cps
Chromium	52-2	386597	374347	365003	375316	2.89	cps
Cobalt	59-2	685405	656748	645649	662600	3.10	cps
Copper	63-2	5636080	5620911	5479717	5578902	1.55	cps
Dysprosium	156-1	92	83	83	86	5.58	cps
Dysprosium	156-2	53	50	47	50	6.66	cps
Erbium	164-1	83	50	42	58	37.80	cps
Erbium	164-2	40	30	27	32	21.53	cps
Gadolinium	160-1	100	100	100	100	0.00	cps
Gadolinium	160-2	160	153	187	167	10.58	cps
Holmium	165-1	7899146	7882397	8262748	8014764	2.68	cps
Holmium	165-2	4093438	3993192	4059856	4048829	1.26	cps
Indium	115-1	6652673	6556182	6985045	6731300	3.34	cps
Indium	115-2	1073436	1072813	1090139	1078796	0.91	cps
Iron	54-2	882998	868689	872602	874763	0.85	cps
Iron	56-2	16676494	16224839	16324842	16408725	1.45	cps
Iron	57-2	406508	396033	385599	396047	2.64	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 12:20:42	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	354	326	371	350	6.47	cps
Lead	206-1	4716989	4992447	4865905	4858447	2.84	cps
Lead	207-1	4229064	4377977	4326715	4311252	1.75	cps
Lead	208-1	19217956	19845985	19658637	19574193	1.65	cps
Lithium	6-1	4400810	4315308	4448429	4388182	1.54	cps
Magnesium	24-2	3832711	3704336	3577919	3704989	3.44	cps
Manganese	55-2	2122816	2041753	2072983	2079184	1.97	cps
Molybdenum	94-1	4598389	4717421	4706461	4674090	1.41	cps
Molybdenum	95-1	6682630	6988796	6794261	6821896	2.27	cps
Molybdenum	96-1	7464540	7382146	7465431	7437372	0.64	cps
Molybdenum	97-1	4328898	4161846	4201572	4230772	2.06	cps
Molybdenum	98-1	10813470	11060104	10887738	10920437	1.16	cps
Neodymium	150-1	193	233	273	233	17.14	cps
Neodymium	150-2	23	10	17	17	39.99	cps
Nickel	60-2	188215	186556	185256	186676	0.79	cps
Phosphorus	31-2	15517	14741	13882	14713	5.56	cps
Potassium	39-2	1202553	1151564	1146531	1166883	2.66	cps
Rhodium	103-1	6677894	6619735	7178341	6825323	4.50	cps
Rhodium	103-2	3236584	3154880	3258147	3216537	1.69	cps
Scandium	45-1	5439714	5351772	5583373	5458286	2.14	cps
Scandium	45-2	184324	183060	182531	183305	0.50	cps
Selenium	82-1	29783	29920	30162	29955	0.64	cps
Selenium	77-2	930	850	937	906	5.33	cps
Selenium	78-2	3221	3077	3007	3101	3.52	cps
Silicon	28-1	10645353	10993266	11014895	10884504	1.91	cps
Silver	107-1	1693641	1672141	1691594	1685792	0.70	cps
Silver	109-1	1610809	1670499	1608879	1630062	2.15	cps
Sodium	23-2	6866763	6688190	6484547	6679834	2.86	cps
Strontium	86-1	10458354	10199355	10268394	10308701	1.30	cps
Strontium	88-1	90877102	88351300	89009294	89412565	1.47	cps
Sulfur	34-1	703719	708704	708903	707108	0.42	cps
Terbium	159-1	8285159	8185467	9023677	8498101	5.39	cps
Terbium	159-2	4101218	4102313	4020396	4074643	1.15	cps
Thallium	203-1	1060724	1112252	1118832	1097269	2.90	cps
Thallium	205-1	2689386	2753626	2639323	2694112	2.13	cps
Tin	118-1	960389	986156	995409	980651	1.85	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 12:20:42	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2198310	2273652	2187875	2219946	2.11	cps
Uranium	238-1	3767681	3883254	3794376	3815104	1.59	cps
Vanadium	51-2	304610	294633	288919	296054	2.68	cps
Ytterbium	172-1	75	42	58	58	28.57	cps
Ytterbium	172-2	44	33	39	39	14.30	cps
Ytterbium	176-1	6085	6010	6085	6060	0.71	cps
Ytterbium	176-2	11383	11433	11450	11422	0.30	cps
Yttrium	89-1	11010389	10374844	11572515	10985916	5.45	cps
Yttrium	89-2	1228428	1234736	1225956	1229707	0.37	cps
Zinc	66-2	679286	666105	638836	661409	3.12	cps
Zirconium	90-1	2280530	2251252	2332609	2288130	1.80	cps
Zirconium	91-1	493927	494492	502709	497042	0.99	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 12:23:43	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	510210	509078	483662	500983	3.00	cps
Antimony	121-1	2109601	2178285	2148850	2145579	1.61	cps
Arsenic	75-2	73571	70783	68826	71060	3.36	cps
Barium	135-1	2669388	2755069	2657100	2693852	1.98	cps
Barium	137-1	4488893	4561316	4481948	4510719	0.97	cps
Beryllium	9-1	1150807	1169142	1150184	1156711	0.93	cps
Bismuth	209-1	5341190	5374612	5324284	5346695	0.48	cps
Bismuth	209-2	2949573	2950538	3268049	3056053	6.01	cps
Boron	10-1	239843	257831	269981	255885	5.93	cps
Boron	11-1	972335	1044898	1062489	1026574	4.66	cps
Bromine	81-1	31520	31704	31812	31678	0.47	cps
Cadmium	111-1	591209	601175	602180	598188	1.01	cps
Cadmium	106-1	75785	79429	76253	77156	2.57	cps
Cadmium	108-1	51120	51450	51810	51460	0.67	cps
Calcium	43-1	992412	988628	1003974	995005	0.80	cps
Calcium	44-1	15776589	15501283	16059846	15779239	1.77	cps
Carbon	12-1	5015043	5167829	5161688	5114853	1.69	cps
Carbon	12-2	60266	59923	57229	59139	2.81	cps
Chlorine	35-1	211494	217194	217830	215506	1.62	cps
Chlorine	35-2	1283	1417	1358	1353	4.94	cps
Chromium	52-2	748030	744813	719872	737572	2.09	cps
Cobalt	59-2	1346940	1336527	1301486	1328318	1.79	cps
Copper	63-2	11163440	10851062	10242917	10752473	4.35	cps
Dysprosium	156-1	108	175	125	136	25.49	cps
Dysprosium	156-2	87	57	93	79	24.76	cps
Erbium	164-1	92	67	83	81	15.80	cps
Erbium	164-2	47	37	43	42	12.06	cps
Gadolinium	160-1	200	167	167	178	10.83	cps
Gadolinium	160-2	163	210	197	190	12.65	cps
Holmium	165-1	8270200	8398659	8475334	8381398	1.24	cps
Holmium	165-2	3972412	4044451	4518211	4178358	7.10	cps
Indium	115-1	6847500	6988093	6934339	6923311	1.02	cps
Indium	115-2	1051266	1096239	1210953	1119486	7.36	cps
Iron	54-2	1876106	1775530	1776593	1809410	3.19	cps
Iron	56-2	32854566	31925234	31089451	31956417	2.76	cps
Iron	57-2	805866	777480	757547	780298	3.11	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 12:23:43	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	335	352	337	342	2.77	cps
Lead	206-1	9111484	9583928	9127997	9274469	2.89	cps
Lead	207-1	8263160	8219698	8222429	8235096	0.30	cps
Lead	208-1	37491253	37805980	37795660	37697631	0.47	cps
Lithium	6-1	4457600	4383115	4412371	4417695	0.85	cps
Magnesium	24-2	7540248	7315780	6776173	7210734	5.45	cps
Manganese	55-2	4032349	4044609	4021084	4032681	0.29	cps
Molybdenum	94-1	9136673	9356400	9189100	9227391	1.24	cps
Molybdenum	95-1	13086966	13395903	13442237	13308369	1.45	cps
Molybdenum	96-1	14583756	14659961	14606095	14616604	0.27	cps
Molybdenum	97-1	8126053	8342803	8129350	8199402	1.51	cps
Molybdenum	98-1	21239794	21219766	20828624	21096061	1.10	cps
Neodymium	150-1	400	447	387	411	7.66	cps
Neodymium	150-2	17	20	23	20	16.65	cps
Nickel	60-2	372407	367553	352449	364136	2.86	cps
Phosphorus	31-2	31067	30441	29782	30430	2.11	cps
Potassium	39-2	2460556	2306460	2240517	2335844	4.83	cps
Rhodium	103-1	6949230	7106421	6906355	6987335	1.51	cps
Rhodium	103-2	3117740	3220761	3521407	3286636	6.38	cps
Scandium	45-1	5600243	5480555	5659104	5579967	1.63	cps
Scandium	45-2	183123	185639	205142	191301	6.30	cps
Selenium	82-1	57862	58401	59653	58639	1.57	cps
Selenium	77-2	1797	1823	1717	1779	3.12	cps
Selenium	78-2	6220	5962	5824	6002	3.35	cps
Silicon	28-1	20182488	20749424	20796049	20575987	1.66	cps
Silver	107-1	3258707	3379404	3302072	3313394	1.85	cps
Silver	109-1	3155595	3148834	3188627	3164352	0.67	cps
Sodium	23-2	13276836	13251206	12410887	12979643	3.80	cps
Strontium	86-1	20619615	20573982	20940915	20711504	0.97	cps
Strontium	88-1	173473646	175945212	179102092	176173650	1.60	cps
Sulfur	34-1	886290	889757	889693	888580	0.22	cps
Terbium	159-1	8512848	8740828	8669332	8641003	1.35	cps
Terbium	159-2	4006472	4086054	4511227	4201251	6.46	cps
Thallium	203-1	2160480	2236272	2206382	2201045	1.73	cps
Thallium	205-1	5155663	5230327	5325701	5237230	1.63	cps
Tin	118-1	1911751	1927431	1982824	1940669	1.92	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 12:23:43	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4233935	4327892	4310239	4290688	1.16	cps
Uranium	238-1	7356804	7220466	7588191	7388487	2.52	cps
Vanadium	51-2	609053	593254	568216	590174	3.49	cps
Ytterbium	172-1	117	125	108	117	7.14	cps
Ytterbium	172-2	50	89	50	63	35.66	cps
Ytterbium	176-1	10713	10429	9771	10304	4.69	cps
Ytterbium	176-2	12701	13646	14809	13719	7.70	cps
Yttrium	89-1	11474689	11369674	11075980	11306781	1.83	cps
Yttrium	89-2	1228379	1266168	1425317	1306622	8.00	cps
Zinc	66-2	1305405	1274807	1225429	1268547	3.18	cps
Zirconium	90-1	4479238	4443414	4510011	4477554	0.74	cps
Zirconium	91-1	965864	995850	993470	985061	1.69	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 12:26:41	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1038811	1019354	987849	1015338	2.53	cps
Antimony	121-1	4235268	4358056	4381105	4324810	1.81	cps
Arsenic	75-2	148628	144624	143495	145582	1.85	cps
Barium	135-1	5130550	5301647	5291619	5241272	1.83	cps
Barium	137-1	8932197	9232526	9266691	9143805	2.01	cps
Beryllium	9-1	2139398	2096477	2167188	2134354	1.67	cps
Bismuth	209-1	5198554	5290374	5324011	5270980	1.23	cps
Bismuth	209-2	2828900	2905380	2961498	2898592	2.30	cps
Boron	10-1	460355	507612	527764	498577	6.94	cps
Boron	11-1	1923878	2036728	2144924	2035177	5.43	cps
Bromine	81-1	32029	31845	32406	32093	0.89	cps
Cadmium	111-1	1152757	1190849	1191150	1178252	1.87	cps
Cadmium	106-1	146314	153720	150014	150016	2.47	cps
Cadmium	108-1	98956	104691	102688	102111	2.85	cps
Calcium	43-1	2049403	2114459	2126722	2096861	1.98	cps
Calcium	44-1	30930376	32205675	31942174	31692742	2.12	cps
Carbon	12-1	5155660	5294480	5438278	5296139	2.67	cps
Carbon	12-2	64015	62282	63513	63270	1.41	cps
Chlorine	35-1	210769	218608	216806	215394	1.91	cps
Chlorine	35-2	1425	1458	1300	1395	5.99	cps
Chromium	52-2	1634614	1600355	1585801	1606923	1.56	cps
Cobalt	59-2	2839556	2810946	2723713	2791405	2.16	cps
Copper	63-2	22173471	21401700	20946791	21507321	2.88	cps
Dysprosium	156-1	317	317	450	361	21.32	cps
Dysprosium	156-2	193	147	160	167	14.42	cps
Erbium	164-1	83	133	125	114	23.52	cps
Erbium	164-2	43	60	63	56	19.29	cps
Gadolinium	160-1	300	258	325	294	11.44	cps
Gadolinium	160-2	230	287	280	266	11.66	cps
Holmium	165-1	8464336	8316921	8304241	8361833	1.06	cps
Holmium	165-2	4011812	3979708	4088007	4026509	1.38	cps
Indium	115-1	7027892	7032898	6969058	7009949	0.51	cps
Indium	115-2	1065537	1073453	1090181	1076390	1.17	cps
Iron	54-2	3717769	3667233	3729023	3704675	0.89	cps
Iron	56-2	65869081	65924796	65098170	65630682	0.70	cps
Iron	57-2	1699463	1710921	1639662	1683349	2.27	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 12:26:41	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	374	350	364	362	3.29	cps
Lead	206-1	17918814	19057807	18679713	18552111	3.13	cps
Lead	207-1	16056730	16562060	16638648	16419146	1.93	cps
Lead	208-1	73221720	75990766	76071032	75094506	2.16	cps
Lithium	6-1	4133965	4239102	4345190	4239419	2.49	cps
Magnesium	24-2	14839724	14431491	14280574	14517263	1.99	cps
Manganese	55-2	8377355	8216603	8128714	8240891	1.53	cps
Molybdenum	94-1	18629900	19179576	18975843	18928440	1.47	cps
Molybdenum	95-1	26612060	28399064	27540288	27517137	3.25	cps
Molybdenum	96-1	29347771	30790014	29873698	30003828	2.43	cps
Molybdenum	97-1	16473113	17363209	17084965	16973762	2.68	cps
Molybdenum	98-1	42261300	43589808	43732057	43194388	1.88	cps
Neodymium	150-1	587	760	633	660	13.59	cps
Neodymium	150-2	47	57	33	46	25.70	cps
Nickel	60-2	746986	730062	717534	731528	2.02	cps
Phosphorus	31-2	62485	61448	57699	60544	4.16	cps
Potassium	39-2	4837188	4792218	4650441	4759949	2.05	cps
Rhodium	103-1	6757140	6832535	6979285	6856320	1.65	cps
Rhodium	103-2	3167833	3162459	3164350	3164881	0.09	cps
Scandium	45-1	5535136	5747186	5775270	5685864	2.31	cps
Scandium	45-2	186334	182965	187845	185715	1.35	cps
Selenium	82-1	112662	115459	114319	114146	1.23	cps
Selenium	77-2	3427	3737	3614	3593	4.35	cps
Selenium	78-2	12454	12161	11737	12117	2.97	cps
Silicon	28-1	37769943	38999631	39419840	38729805	2.21	cps
Silver	107-1	6442890	6562885	6467047	6490941	0.98	cps
Silver	109-1	6174702	6276167	6405051	6285306	1.84	cps
Sodium	23-2	26626481	26316922	25586550	26176651	2.04	cps
Strontium	86-1	40368876	40700004	41515076	40861319	1.44	cps
Strontium	88-1	350519900	358379308	356804116	355234441	1.17	cps
Sulfur	34-1	1111477	1122219	1137364	1123687	1.16	cps
Terbium	159-1	8810457	8660284	8630673	8700471	1.11	cps
Terbium	159-2	4131037	3891378	4060889	4027768	3.06	cps
Thallium	203-1	4397766	4567434	4588512	4517904	2.31	cps
Thallium	205-1	10149854	10495638	10322554	10322682	1.67	cps
Tin	118-1	3762485	3912553	3912745	3862594	2.24	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 12:26:41	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	8387991	8856841	8722930	8655921	2.79	cps
Uranium	238-1	14122519	14847045	14750011	14573191	2.70	cps
Vanadium	51-2	1259818	1222457	1208535	1230270	2.16	cps
Ytterbium	172-1	183	92	125	133	34.80	cps
Ytterbium	172-2	78	89	111	93	18.33	cps
Ytterbium	176-1	18580	19139	19607	19109	2.69	cps
Ytterbium	176-2	18268	18658	18113	18346	1.53	cps
Yttrium	89-1	11643319	11466053	11632102	11580492	0.86	cps
Yttrium	89-2	1261220	1240134	1360801	1287385	5.01	cps
Zinc	66-2	2642284	2603302	2572445	2606011	1.34	cps
Zirconium	90-1	8885133	9164000	9160642	9069925	1.76	cps
Zirconium	91-1	2013250	2067885	2057493	2046209	1.42	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 12:29:42	DataFile Name :	012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5081357	4901666	5049685	5010902	1.91	cps
Antimony	121-1	2200	2342	2509	2350	6.57	cps
Arsenic	75-2	29	29	30	29	1.97	cps
Barium	135-1	2975	2775	2984	2912	4.05	cps
Barium	137-1	5235	4843	4693	4923	5.68	cps
Beryllium	9-1	705	622	562	630	11.36	cps
Bismuth	209-1	4820463	4799199	4744278	4787980	0.82	cps
Bismuth	209-2	2748773	2803058	2794247	2782026	1.05	cps
Boron	10-1	40588	37458	34099	37381	8.68	cps
Boron	11-1	177120	162506	145340	161655	9.84	cps
Bromine	81-1	32113	31971	33382	32489	2.39	cps
Cadmium	111-1	815	746	761	774	4.64	cps
Cadmium	106-1	4476	4101	4134	4237	4.90	cps
Cadmium	108-1	71	79	63	71	11.77	cps
Calcium	43-1	8313505	8671469	8732908	8572627	2.64	cps
Calcium	44-1	137845315	140947982	140723555	139838950	1.24	cps
Carbon	12-1	4757170	4832307	4840270	4809916	0.95	cps
Carbon	12-2	59789	60208	59412	59803	0.67	cps
Chlorine	35-1	205645	215378	216788	212604	2.85	cps
Chlorine	35-2	1375	1758	1367	1500	14.92	cps
Chromium	52-2	11548	10878	10754	11060	3.86	cps
Cobalt	59-2	1997	1860	1847	1901	4.37	cps
Copper	63-2	4317	4514	4071	4301	5.17	cps
Dysprosium	156-1	883	1117	1058	1020	11.91	cps
Dysprosium	156-2	503	453	513	490	6.56	cps
Erbium	164-1	83	108	83	92	15.74	cps
Erbium	164-2	43	37	23	34	29.57	cps
Gadolinium	160-1	1025	1083	1117	1075	4.32	cps
Gadolinium	160-2	693	620	647	653	5.68	cps
Holmium	165-1	7969671	8320231	8078017	8122639	2.21	cps
Holmium	165-2	3998291	4121127	4059764	4059727	1.51	cps
Indium	115-1	6643088	6867388	6620501	6710326	2.03	cps
Indium	115-2	1086998	1096223	1104738	1095986	0.81	cps
Iron	54-2	17103371	16571374	16691159	16788635	1.66	cps
Iron	56-2	312120985	304580540	305382985	307361503	1.35	cps
Iron	57-2	7651753	7713814	7505669	7623745	1.40	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 12:29:42	DataFile Name :	012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	386	351	376	371	4.86	cps
Lead	206-1	4179	3962	4001	4047	2.86	cps
Lead	207-1	4217	3567	3539	3775	10.16	cps
Lead	208-1	18411	16015	16071	16832	8.12	cps
Lithium	6-1	4050257	4037319	4147100	4078225	1.47	cps
Magnesium	24-2	69006133	66716587	68858010	68193577	1.88	cps
Manganese	55-2	5968	5845	6008	5940	1.43	cps
Molybdenum	94-1	4793	3626	3300	3906	20.09	cps
Molybdenum	95-1	6027	5410	4509	5315	14.36	cps
Molybdenum	96-1	12022	9787	10321	10710	10.90	cps
Molybdenum	97-1	3926	2917	2967	3270	17.38	cps
Molybdenum	98-1	9495	7978	6560	8011	18.32	cps
Neodymium	150-1	33	40	53	42	24.12	cps
Neodymium	150-2	20	23	27	23	14.29	cps
Nickel	60-2	1413	1347	1377	1379	2.42	cps
Phosphorus	31-2	200	200	233	211	9.11	cps
Potassium	39-2	23364124	22889535	22565253	22939637	1.75	cps
Rhodium	103-1	6384051	6495936	6287176	6389054	1.64	cps
Rhodium	103-2	3023400	3040465	3029315	3031060	0.29	cps
Scandium	45-1	5403210	5571780	5653855	5542948	2.31	cps
Scandium	45-2	186083	191055	185990	187709	1.54	cps
Selenium	82-1	60	79	115	85	33.06	cps
Selenium	77-2	7	0	3	3	100.05	cps
Selenium	78-2	53	54	70	59	16.17	cps
Silicon	28-1	1337636	1285698	1233982	1285772	4.03	cps
Silver	107-1	2859	2375	2525	2586	9.57	cps
Silver	109-1	2367	2359	2400	2375	0.93	cps
Sodium	23-2	128650040	124124282	124636007	125803443	1.97	cps
Strontium	86-1	13248	11847	10980	12025	9.52	cps
Strontium	88-1	110252	97205	93910	100456	8.60	cps
Sulfur	34-1	440890	446918	454394	447401	1.51	cps
Terbium	159-1	8196346	8543021	8402694	8380687	2.08	cps
Terbium	159-2	4073736	4144723	4122241	4113567	0.88	cps
Thallium	203-1	1058	742	750	850	21.23	cps
Thallium	205-1	2442	1909	1900	2084	14.90	cps
Tin	118-1	6051	6302	5860	6071	3.65	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 12:29:42	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1575	1183	1233	1331	16.02	cps
Uranium	238-1	1408	1208	908	1175	21.42	cps
Vanadium	51-2	190	253	250	231	15.42	cps
Ytterbium	172-1	433	333	458	408	16.20	cps
Ytterbium	172-2	250	233	228	237	4.88	cps
Ytterbium	176-1	1634	1483	1817	1645	10.15	cps
Ytterbium	176-2	9276	10271	9987	9845	5.21	cps
Yttrium	89-1	10979666	11546446	11108529	11211547	2.65	cps
Yttrium	89-2	1272810	1295083	1310741	1292878	1.47	cps
Zinc	66-2	1790	1797	1753	1780	1.31	cps
Zirconium	90-1	2409	2284	2334	2342	2.69	cps
Zirconium	91-1	508	533	433	492	10.59	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	ICV45	Instrumnet Name :	P8
Client Sample ID :	ICV45	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 13:20:10	DataFile Name :	014ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	27033	26894	26757	26895	0.51	cps
Antimony	121-1	858485	863985	876044	866171	1.04	cps
Arsenic	75-2	31928	31366	31769	31688	0.91	cps
Barium	135-1	103369	106032	105705	105035	1.38	cps
Barium	137-1	187595	188063	191931	189196	1.26	cps
Beryllium	9-1	223560	227756	229436	226918	1.33	cps
Bismuth	209-1	5380299	5464634	5573361	5472765	1.77	cps
Bismuth	209-2	3170163	3266808	3275737	3237569	1.81	cps
Boron	10-1	1798	1708	1788	1764	2.80	cps
Boron	11-1	7430	7244	7356	7344	1.28	cps
Bromine	81-1	35496	35830	36331	35886	1.17	cps
Cadmium	111-1	126565	126220	126943	126576	0.29	cps
Cadmium	106-1	16268	15626	16410	16102	2.60	cps
Cadmium	108-1	8761	9074	8966	8934	1.78	cps
Calcium	43-1	36776	36896	37392	37022	0.88	cps
Calcium	44-1	617273	623590	616656	619173	0.62	cps
Carbon	12-1	5133714	5122204	5260617	5172178	1.48	cps
Carbon	12-2	57212	60357	57882	58484	2.83	cps
Chlorine	35-1	237789	247922	245065	243592	2.14	cps
Chlorine	35-2	1583	1692	1633	1636	3.31	cps
Chromium	52-2	163757	161825	162653	162745	0.60	cps
Cobalt	59-2	287361	290013	287517	288297	0.52	cps
Copper	63-2	223721	222870	225687	224093	0.64	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	3	0	7	3	100.05	cps
Erbium	164-1	92	58	67	72	24.02	cps
Erbium	164-2	27	30	27	28	6.92	cps
Gadolinium	160-1	75	58	17	50	60.09	cps
Gadolinium	160-2	93	137	93	108	23.22	cps
Holmium	165-1	8595943	8837017	8697705	8710222	1.39	cps
Holmium	165-2	4497005	4354959	4553510	4468491	2.29	cps
Indium	115-1	7459293	7571539	7641130	7557321	1.21	cps
Indium	115-2	1259165	1248243	1253389	1253599	0.44	cps
Iron	54-2	150514	148404	149447	149455	0.71	cps
Iron	56-2	2695637	2775781	2699323	2723580	1.66	cps
Iron	57-2	65779	65020	63731	64844	1.60	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	ICV45	Instrumnet Name :	P8
Client Sample ID :	ICV45	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 13:20:10	DataFile Name :	014ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	342	377	396	372	7.33	cps
Lead	206-1	753770	742087	752104	749320	0.84	cps
Lead	207-1	625268	614804	626350	622141	1.02	cps
Lead	208-1	2910241	2891736	2932159	2911379	0.70	cps
Lithium	6-1	4390930	4520639	4518510	4476693	1.66	cps
Magnesium	24-2	169056	166362	168451	167956	0.84	cps
Manganese	55-2	84472	82813	84804	84030	1.27	cps
Molybdenum	94-1	283	242	175	233	23.42	cps
Molybdenum	95-1	258	92	183	178	46.95	cps
Molybdenum	96-1	400	258	267	308	25.78	cps
Molybdenum	97-1	67	75	33	58	37.80	cps
Molybdenum	98-1	333	200	250	261	25.80	cps
Neodymium	150-1	13	20	20	18	21.66	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	83222	83930	82622	83258	0.79	cps
Phosphorus	31-2	167	150	233	183	24.05	cps
Potassium	39-2	215829	213994	215699	215174	0.48	cps
Rhodium	103-1	7487503	7644676	7707594	7613258	1.49	cps
Rhodium	103-2	3599434	3738144	3597527	3645035	2.21	cps
Scandium	45-1	6177223	6170754	6143287	6163755	0.29	cps
Scandium	45-2	202981	206722	209328	206344	1.55	cps
Selenium	82-1	25052	24746	25075	24958	0.74	cps
Selenium	77-2	770	807	793	790	2.35	cps
Selenium	78-2	2879	2897	2750	2842	2.82	cps
Silicon	28-1	859156	864465	866991	863537	0.46	cps
Silver	107-1	328110	321798	333816	327908	1.83	cps
Silver	109-1	313429	314931	310097	312819	0.79	cps
Sodium	23-2	558753	553857	556227	556279	0.44	cps
Strontium	86-1	1175	1100	1000	1092	8.04	cps
Strontium	88-1	4076	4209	3826	4037	4.82	cps
Sulfur	34-1	483096	480386	485228	482903	0.50	cps
Terbium	159-1	8632886	9107031	8782442	8840786	2.74	cps
Terbium	159-2	4343797	4365038	4377210	4362015	0.39	cps
Thallium	203-1	910033	914035	924494	916187	0.81	cps
Thallium	205-1	2310342	2277776	2309824	2299314	0.81	cps
Tin	118-1	492	433	667	531	22.89	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	ICV45	Instrumnet Name :	P8
Client Sample ID :	ICV45	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 13:20:10	DataFile Name :	014ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	150	158	133	147	8.65	cps
Uranium	238-1	42	25	17	28	45.82	cps
Vanadium	51-2	124101	124470	124373	124314	0.15	cps
Ytterbium	172-1	42	67	42	50	28.87	cps
Ytterbium	172-2	17	11	39	22	66.14	cps
Ytterbium	176-1	1367	1383	1433	1395	2.49	cps
Ytterbium	176-2	9098	9732	10621	9817	7.80	cps
Yttrium	89-1	12395820	12197091	11986569	12193160	1.68	cps
Yttrium	89-2	1424645	1435130	1398069	1419281	1.35	cps
Zinc	66-2	55037	56429	54873	55446	1.54	cps
Zirconium	90-1	600	458	592	550	14.45	cps
Zirconium	91-1	333	175	292	267	30.78	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 13:29:16	DataFile Name :	015LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1257	1209	1187	1218	2.95	cps
Antimony	121-1	8453	8761	9771	8995	7.66	cps
Arsenic	75-2	161	142	151	151	6.28	cps
Barium	135-1	9829	9996	10029	9951	1.08	cps
Barium	137-1	16736	17503	18087	17442	3.89	cps
Beryllium	9-1	2341	2390	2477	2403	2.87	cps
Bismuth	209-1	5485038	5613701	5663442	5587394	1.65	cps
Bismuth	209-2	3321881	3244120	3304654	3290218	1.24	cps
Boron	10-1	6616	7659	7899	7391	9.22	cps
Boron	11-1	30199	33235	34083	32506	6.28	cps
Bromine	81-1	36190	34368	34970	35176	2.64	cps
Cadmium	111-1	1765	1594	1836	1732	7.17	cps
Cadmium	106-1	4276	4409	4459	4381	2.16	cps
Cadmium	108-1	125	108	133	122	10.42	cps
Calcium	43-1	9169	9341	9323	9278	1.02	cps
Calcium	44-1	160736	164966	165066	163590	1.51	cps
Carbon	12-1	4637588	4644657	4696000	4659415	0.68	cps
Carbon	12-2	53030	51357	51817	52068	1.66	cps
Chlorine	35-1	164248	164571	162277	163699	0.76	cps
Chlorine	35-2	992	1050	967	1003	4.27	cps
Chromium	52-2	4007	3757	3677	3814	4.51	cps
Cobalt	59-2	2710	2830	2777	2773	2.17	cps
Copper	63-2	5291	5368	5081	5247	2.83	cps
Dysprosium	156-1	17	17	0	11	86.60	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	8	83	33	42	91.66	cps
Erbium	164-2	20	23	37	27	33.08	cps
Gadolinium	160-1	100	75	67	81	21.53	cps
Gadolinium	160-2	120	123	137	127	6.96	cps
Holmium	165-1	8277326	8650405	8755568	8561100	2.94	cps
Holmium	165-2	4414585	4412849	4302019	4376484	1.47	cps
Indium	115-1	7448177	7847584	7596639	7630800	2.65	cps
Indium	115-2	1227043	1234723	1256899	1239555	1.25	cps
Iron	54-2	4151	4429	4045	4208	4.71	cps
Iron	56-2	69151	67264	66242	67552	2.18	cps
Iron	57-2	1822	1745	2061	1876	8.80	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 13:29:16	DataFile Name :	015LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	329	405	339	357	11.59	cps
Lead	206-1	3967	3728	3973	3890	3.59	cps
Lead	207-1	3456	3478	3567	3501	1.68	cps
Lead	208-1	15693	15065	16282	15680	3.88	cps
Lithium	6-1	4403252	4547160	4423712	4458041	1.75	cps
Magnesium	24-2	73193	70839	69382	71138	2.70	cps
Manganese	55-2	950	900	907	919	2.95	cps
Molybdenum	94-1	10346	10454	10646	10482	1.45	cps
Molybdenum	95-1	13423	12356	13173	12984	4.30	cps
Molybdenum	96-1	14233	14074	14316	14208	0.86	cps
Molybdenum	97-1	7469	7769	7777	7672	2.29	cps
Molybdenum	98-1	19681	19815	20274	19923	1.56	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	763	813	763	780	3.70	cps
Phosphorus	31-2	192	250	175	206	19.16	cps
Potassium	39-2	75900	75280	71193	74124	3.45	cps
Rhodium	103-1	7453956	7369421	7602760	7475379	1.58	cps
Rhodium	103-2	3625093	3605280	3603442	3611272	0.33	cps
Scandium	45-1	5879449	5967952	6032821	5960074	1.29	cps
Scandium	45-2	204379	207456	205210	205681	0.77	cps
Selenium	82-1	709	602	634	648	8.42	cps
Selenium	77-2	20	0	23	14	87.37	cps
Selenium	78-2	134	132	113	126	9.17	cps
Silicon	28-1	898476	876835	881207	885506	1.29	cps
Silver	107-1	6769	6585	7436	6930	6.46	cps
Silver	109-1	6035	6243	7361	6546	10.89	cps
Sodium	23-2	156021	153208	154768	154666	0.91	cps
Strontium	86-1	2025	2484	2334	2281	10.25	cps
Strontium	88-1	13740	15134	15034	14636	5.31	cps
Sulfur	34-1	484987	488538	485932	486486	0.38	cps
Terbium	159-1	8805978	9024148	9104511	8978212	1.72	cps
Terbium	159-2	4298248	4302610	4339965	4313608	0.53	cps
Thallium	203-1	4351	4259	4651	4420	4.64	cps
Thallium	205-1	10196	9812	10396	10135	2.93	cps
Tin	118-1	19565	20282	19464	19770	2.26	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 13:29:16	DataFile Name :	015LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4242	4526	4417	4395	3.25	cps
Uranium	238-1	12949	12740	13424	13038	2.69	cps
Vanadium	51-2	6335	6265	5801	6134	4.73	cps
Ytterbium	172-1	75	33	75	61	39.37	cps
Ytterbium	172-2	28	61	17	35	65.73	cps
Ytterbium	176-1	1550	1300	1275	1375	11.06	cps
Ytterbium	176-2	9442	10215	9965	9874	3.99	cps
Yttrium	89-1	12230643	11860256	12556869	12215922	2.85	cps
Yttrium	89-2	1439121	1463435	1442829	1448462	0.90	cps
Zinc	66-2	710	663	700	691	3.56	cps
Zirconium	90-1	8811	8595	9345	8917	4.33	cps
Zirconium	91-1	2067	1809	2217	2031	10.17	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	ICB45	Instrumnet Name :	P8
Client Sample ID :	ICB45	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 13:32:17	DataFile Name :	016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	79	89	94	87	8.77	cps
Antimony	121-1	67	67	58	64	7.54	cps
Arsenic	75-2	3	3	1	2	49.49	cps
Barium	135-1	58	25	0	28	105.35	cps
Barium	137-1	58	42	33	44	28.64	cps
Beryllium	9-1	75	77	55	69	17.83	cps
Bismuth	209-1	5436548	5418997	5499580	5451709	0.78	cps
Bismuth	209-2	3235092	3221196	3229080	3228456	0.22	cps
Boron	10-1	1646	1802	1554	1667	7.52	cps
Boron	11-1	7442	7280	7018	7247	2.95	cps
Bromine	81-1	35939	35638	34744	35440	1.75	cps
Cadmium	111-1	437	417	435	430	2.51	cps
Cadmium	106-1	4459	4234	4409	4368	2.71	cps
Cadmium	108-1	25	21	21	22	10.84	cps
Calcium	43-1	190	139	135	155	19.88	cps
Calcium	44-1	14921	14443	14673	14679	1.63	cps
Carbon	12-1	4671752	4824278	4798151	4764727	1.71	cps
Carbon	12-2	54585	54819	54719	54708	0.21	cps
Chlorine	35-1	191360	197103	196792	195085	1.66	cps
Chlorine	35-2	1408	1350	1200	1320	8.15	cps
Chromium	52-2	807	657	787	750	10.86	cps
Cobalt	59-2	70	67	77	71	7.16	cps
Copper	63-2	703	797	770	757	6.35	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	10	7	3	7	50.03	cps
Erbium	164-1	42	117	50	69	59.19	cps
Erbium	164-2	30	27	30	29	6.65	cps
Gadolinium	160-1	58	108	67	78	34.44	cps
Gadolinium	160-2	120	120	137	126	7.67	cps
Holmium	165-1	8328044	8520047	8552334	8466808	1.43	cps
Holmium	165-2	4355809	4329819	4351874	4345834	0.32	cps
Indium	115-1	7383125	7491817	7523930	7466291	0.99	cps
Indium	115-2	1205843	1234008	1228921	1222924	1.23	cps
Iron	54-2	772	717	717	735	4.36	cps
Iron	56-2	3150	2956	3117	3074	3.38	cps
Iron	57-2	100	183	189	157	31.63	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	ICB45	Instrumnet Name :	P8
Client Sample ID :	ICB45	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 13:32:17	DataFile Name :	016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	417	366	374	386	7.17	cps
Lead	206-1	500	456	489	482	4.80	cps
Lead	207-1	528	350	478	452	20.29	cps
Lead	208-1	2145	1800	2083	2009	9.15	cps
Lithium	6-1	4362426	4506230	4473949	4447535	1.70	cps
Magnesium	24-2	325	283	350	319	10.54	cps
Manganese	55-2	53	67	63	61	11.36	cps
Molybdenum	94-1	175	200	167	181	9.61	cps
Molybdenum	95-1	42	50	42	44	10.82	cps
Molybdenum	96-1	100	92	75	89	14.32	cps
Molybdenum	97-1	33	8	0	14	124.91	cps
Molybdenum	98-1	75	75	17	56	60.62	cps
Neodymium	150-1	0	20	0	7	173.21	cps
Neodymium	150-2	10	0	3	4	114.60	cps
Nickel	60-2	27	20	37	28	30.20	cps
Phosphorus	31-2	158	125	217	167	27.84	cps
Potassium	39-2	27168	27527	26884	27193	1.18	cps
Rhodium	103-1	7399151	7318759	7676666	7464859	2.52	cps
Rhodium	103-2	3462930	3656511	3585572	3568338	2.74	cps
Scandium	45-1	5829738	5983109	5982899	5931916	1.49	cps
Scandium	45-2	203791	203972	204365	204043	0.14	cps
Selenium	82-1	-8	31	-8	5	413.03	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	57	52	58	56	5.77	cps
Silicon	28-1	855725	864063	858181	859323	0.50	cps
Silver	107-1	258	375	333	322	18.35	cps
Silver	109-1	200	242	192	211	12.69	cps
Sodium	23-2	27360	25965	26316	26547	2.73	cps
Strontium	86-1	792	683	592	689	14.53	cps
Strontium	88-1	925	308	350	528	65.30	cps
Sulfur	34-1	490161	484306	479811	484759	1.07	cps
Terbium	159-1	8798363	8742315	9092979	8877885	2.12	cps
Terbium	159-2	4166731	4367301	4329161	4287731	2.48	cps
Thallium	203-1	108	92	125	108	15.39	cps
Thallium	205-1	283	242	300	275	10.93	cps
Tin	118-1	2400	2517	2284	2400	4.86	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	ICB45	Instrumnet Name :	P8
Client Sample ID :	ICB45	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 13:32:17	DataFile Name :	016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	108	150	142	133	16.53	cps
Uranium	238-1	42	8	17	22	78.07	cps
Vanadium	51-2	7	13	3	8	65.47	cps
Ytterbium	172-1	100	50	75	75	33.33	cps
Ytterbium	172-2	6	33	17	19	75.47	cps
Ytterbium	176-1	1350	1350	1567	1422	8.80	cps
Ytterbium	176-2	9909	9959	10949	10273	5.71	cps
Yttrium	89-1	12201860	12043262	12059988	12101703	0.72	cps
Yttrium	89-2	1384792	1412907	1430476	1409392	1.64	cps
Zinc	66-2	60	73	83	72	16.21	cps
Zirconium	90-1	417	492	592	500	17.56	cps
Zirconium	91-1	108	92	92	97	9.90	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	ICSA45	Instrumnet Name :	P8
Client Sample ID :	ICSA45	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 13:38:58	DataFile Name :	017ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5192754	4961769	4864776	5006433	3.37	cps
Antimony	121-1	4926	4909	5276	5037	4.11	cps
Arsenic	75-2	70	72	53	65	16.06	cps
Barium	135-1	1383	1734	1508	1542	11.51	cps
Barium	137-1	2434	2517	2792	2581	7.27	cps
Beryllium	9-1	694	666	652	671	3.13	cps
Bismuth	209-1	4592163	5144728	5225447	4987446	6.91	cps
Bismuth	209-2	3182679	3034194	3223876	3146916	3.17	cps
Boron	10-1	1414	1298	1294	1335	5.10	cps
Boron	11-1	6222	6006	5820	6016	3.34	cps
Bromine	81-1	38078	37175	39607	38287	3.21	cps
Cadmium	111-1	1082	1105	1083	1090	1.17	cps
Cadmium	106-1	3584	4443	3926	3984	10.85	cps
Cadmium	108-1	1496	1438	1538	1490	3.37	cps
Calcium	43-1	1959153	1941483	1924388	1941675	0.90	cps
Calcium	44-1	30540660	31527045	30452520	30840075	1.93	cps
Carbon	12-1	21947935	22048597	22001752	21999428	0.23	cps
Carbon	12-2	247851	234750	233891	238831	3.28	cps
Chlorine	35-1	10056178	12419779	13626284	12034080	15.09	cps
Chlorine	35-2	110849	113896	118248	114331	3.25	cps
Chromium	52-2	31839	30506	31067	31137	2.15	cps
Cobalt	59-2	3140	3157	3200	3166	0.98	cps
Copper	63-2	16727	15972	16226	16308	2.35	cps
Dysprosium	156-1	25	50	17	31	56.77	cps
Dysprosium	156-2	10	7	13	10	33.30	cps
Erbium	164-1	50	42	75	56	31.22	cps
Erbium	164-2	33	37	37	36	5.42	cps
Gadolinium	160-1	58	83	58	67	21.65	cps
Gadolinium	160-2	120	110	150	127	16.43	cps
Holmium	165-1	7525669	8683253	8795777	8334900	8.44	cps
Holmium	165-2	4376220	4342842	4490762	4403274	1.76	cps
Indium	115-1	6165572	7142640	7528950	6945721	10.12	cps
Indium	115-2	1217191	1186193	1207185	1203523	1.31	cps
Iron	54-2	7207014	7001588	6678378	6962327	3.83	cps
Iron	56-2	133759850	127352422	123574181	128228818	4.02	cps
Iron	57-2	3311819	3341029	3181356	3278068	2.59	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	ICSA45	Instrumnet Name :	P8
Client Sample ID :	ICSA45	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 13:38:58	DataFile Name :	017ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	374	382	365	374	2.34	cps
Lead	206-1	16600	18636	19087	18107	7.32	cps
Lead	207-1	13073	14653	15471	14399	8.46	cps
Lead	208-1	63780	69952	72062	68598	6.27	cps
Lithium	6-1	3896854	4265697	4275807	4146119	5.21	cps
Magnesium	24-2	13829719	13414458	12961505	13401894	3.24	cps
Manganese	55-2	6575	6388	6108	6357	3.70	cps
Molybdenum	94-1	2926165	2941665	2984438	2950756	1.02	cps
Molybdenum	95-1	5186889	5222252	5475108	5294750	2.97	cps
Molybdenum	96-1	5433304	5648363	5731680	5604449	2.75	cps
Molybdenum	97-1	3223797	3212337	3249006	3228380	0.58	cps
Molybdenum	98-1	8153190	8145620	8291249	8196686	1.00	cps
Neodymium	150-1	33	20	53	36	47.19	cps
Neodymium	150-2	7	13	3	8	65.47	cps
Nickel	60-2	4161	3814	3881	3952	4.66	cps
Phosphorus	31-2	300371	294631	283285	292762	2.97	cps
Potassium	39-2	9617742	9297248	9213836	9376276	2.27	cps
Rhodium	103-1	6231464	7187104	7156758	6858442	7.92	cps
Rhodium	103-2	3456927	3306297	3453181	3405468	2.52	cps
Scandium	45-1	5298777	5960766	5906129	5721891	6.42	cps
Scandium	45-2	201051	199387	202251	200896	0.72	cps
Selenium	82-1	13	35	39	29	49.38	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	59	47	52	53	11.45	cps
Silicon	28-1	1000970	995178	991445	995864	0.48	cps
Silver	107-1	275	233	183	231	19.91	cps
Silver	109-1	233	258	217	236	8.88	cps
Sodium	23-2	26585757	25831929	24797500	25738395	3.49	cps
Strontium	86-1	56583	58130	58147	57620	1.56	cps
Strontium	88-1	490249	503050	496776	496692	1.29	cps
Sulfur	34-1	3638120	3768214	3592630	3666321	2.49	cps
Terbium	159-1	7966391	8791019	8906559	8554656	5.99	cps
Terbium	159-2	4510078	4328012	4306570	4381553	2.55	cps
Thallium	203-1	450	442	375	422	9.74	cps
Thallium	205-1	958	867	975	933	6.25	cps
Tin	118-1	2834	2859	3017	2903	3.43	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	ICSA45	Instrumnet Name :	P8
Client Sample ID :	ICSA45	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 13:38:58	DataFile Name :	017ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1856854	1897382	1820172	1858136	2.08	cps
Uranium	238-1	200	183	225	203	10.34	cps
Vanadium	51-2	193	243	197	211	13.24	cps
Ytterbium	172-1	50	17	83	50	66.67	cps
Ytterbium	172-2	44	17	17	26	61.85	cps
Ytterbium	176-1	1258	1325	1342	1308	3.37	cps
Ytterbium	176-2	9932	10199	10360	10163	2.13	cps
Yttrium	89-1	10819801	12282829	12190068	11764233	6.96	cps
Yttrium	89-2	1446894	1372078	1379135	1399369	2.95	cps
Zinc	66-2	3644	3847	3707	3733	2.79	cps
Zirconium	90-1	458	375	633	489	26.97	cps
Zirconium	91-1	100	42	142	94	53.18	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	ICSAB45	Instrumnet Name :	P8
Client Sample ID :	ICSAB45	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 13:42:19	DataFile Name :	018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5026189	4928712	4837690	4930863	1.91	cps
Antimony	121-1	93705	95534	94880	94706	0.98	cps
Arsenic	75-2	3139	2901	2976	3005	4.05	cps
Barium	135-1	23254	23596	23713	23521	1.01	cps
Barium	137-1	39024	42685	42886	41531	5.23	cps
Beryllium	9-1	42556	43293	43368	43072	1.04	cps
Bismuth	209-1	5220053	5295006	5501241	5338767	2.73	cps
Bismuth	209-2	3110930	3053511	3085660	3083367	0.93	cps
Boron	10-1	1266	1250	1222	1246	1.79	cps
Boron	11-1	5340	5650	5358	5449	3.19	cps
Bromine	81-1	40051	39098	42792	40647	4.72	cps
Cadmium	111-1	24990	26063	25175	25409	2.26	cps
Cadmium	106-1	6568	6752	6535	6618	1.76	cps
Cadmium	108-1	2984	3284	3138	3135	4.79	cps
Calcium	43-1	1890972	1924721	1889066	1901586	1.05	cps
Calcium	44-1	29785749	30377623	29515281	29892884	1.48	cps
Carbon	12-1	21377429	21915731	21933619	21742260	1.45	cps
Carbon	12-2	243502	237551	237372	239475	1.46	cps
Chlorine	35-1	13227776	15749019	17297376	15424724	13.32	cps
Chlorine	35-2	140612	145578	146209	144133	2.13	cps
Chromium	52-2	62603	61405	59366	61125	2.68	cps
Cobalt	59-2	58497	57268	56311	57359	1.91	cps
Copper	63-2	59729	58430	57496	58551	1.91	cps
Dysprosium	156-1	50	42	50	47	10.18	cps
Dysprosium	156-2	10	13	23	16	44.60	cps
Erbium	164-1	117	83	108	103	16.88	cps
Erbium	164-2	30	57	30	39	39.59	cps
Gadolinium	160-1	100	75	92	89	14.32	cps
Gadolinium	160-2	100	143	173	139	26.55	cps
Holmium	165-1	8490943	8497726	9150081	8712917	4.35	cps
Holmium	165-2	4500090	4317683	4396280	4404684	2.08	cps
Indium	115-1	7286015	7592651	7605701	7494789	2.41	cps
Indium	115-2	1217181	1212183	1190453	1206606	1.18	cps
Iron	54-2	7158687	6925280	7082763	7055576	1.69	cps
Iron	56-2	130488320	126874278	122410997	126591198	3.20	cps
Iron	57-2	3372954	3226642	3161021	3253539	3.33	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	ICSAB45	Instrumnet Name :	P8
Client Sample ID :	ICSAB45	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 13:42:19	DataFile Name :	018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	355	351	342	350	1.84	cps
Lead	206-1	99083	99088	102861	100344	2.17	cps
Lead	207-1	82232	85095	87181	84836	2.93	cps
Lead	208-1	386171	392257	401703	393377	1.99	cps
Lithium	6-1	4230661	4223400	4276037	4243366	0.67	cps
Magnesium	24-2	13224907	13072120	12616858	12971295	2.44	cps
Manganese	55-2	22491	22428	22010	22310	1.17	cps
Molybdenum	94-1	2899450	2986653	3020839	2968981	2.11	cps
Molybdenum	95-1	5009157	5271954	5220786	5167299	2.70	cps
Molybdenum	96-1	5330886	5588891	5563311	5494363	2.59	cps
Molybdenum	97-1	3023181	3308740	3166209	3166043	4.51	cps
Molybdenum	98-1	7860829	8291346	8189999	8114058	2.77	cps
Neodymium	150-1	7	7	47	20	115.45	cps
Neodymium	150-2	7	10	13	10	33.30	cps
Nickel	60-2	19230	18502	18716	18816	1.99	cps
Phosphorus	31-2	295925	290425	294424	293591	0.97	cps
Potassium	39-2	9307707	9361092	8874413	9181071	2.91	cps
Rhodium	103-1	6886518	7133447	7245606	7088523	2.59	cps
Rhodium	103-2	3473624	3333882	3435258	3414255	2.11	cps
Scandium	45-1	5806342	6055781	5974548	5945557	2.14	cps
Scandium	45-2	201486	200598	203243	201776	0.67	cps
Selenium	82-1	2346	2447	2497	2430	3.17	cps
Selenium	77-2	87	83	67	79	13.58	cps
Selenium	78-2	314	289	271	291	7.41	cps
Silicon	28-1	984410	995305	985871	988528	0.60	cps
Silver	107-1	121444	124941	128809	125065	2.95	cps
Silver	109-1	116997	122419	123209	120875	2.80	cps
Sodium	23-2	25697875	25207686	25076223	25327261	1.29	cps
Strontium	86-1	57076	57795	57929	57600	0.80	cps
Strontium	88-1	486930	499297	494850	493692	1.27	cps
Sulfur	34-1	3562785	3566055	3413807	3514216	2.47	cps
Terbium	159-1	8789586	9046632	9190459	9008892	2.25	cps
Terbium	159-2	4302573	4495096	4332154	4376608	2.37	cps
Thallium	203-1	95803	97935	98021	97253	1.29	cps
Thallium	205-1	230244	231604	235039	232296	1.06	cps
Tin	118-1	1333	1092	1442	1289	13.90	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	ICSAB45	Instrumnet Name :	P8
Client Sample ID :	ICSAB45	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 13:42:19	DataFile Name :	018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1773062	1809401	1816020	1799494	1.29	cps
Uranium	238-1	400	542	333	425	25.03	cps
Vanadium	51-2	24972	24274	23396	24214	3.26	cps
Ytterbium	172-1	50	25	50	42	34.64	cps
Ytterbium	172-2	28	22	11	20	41.67	cps
Ytterbium	176-1	1350	1408	1367	1375	2.19	cps
Ytterbium	176-2	9887	10582	10655	10375	4.08	cps
Yttrium	89-1	11866111	12505966	12718165	12363414	3.59	cps
Yttrium	89-2	1441204	1388719	1443402	1424442	2.17	cps
Zinc	66-2	8313	8112	8349	8258	1.54	cps
Zirconium	90-1	617	583	650	617	5.41	cps
Zirconium	91-1	125	125	150	133	10.83	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 13:47:13	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2788763	2670628	2639050	2699481	2.92	cps
Antimony	121-1	2263357	2223332	2232420	2239703	0.94	cps
Arsenic	75-2	81028	78006	75489	78174	3.55	cps
Barium	135-1	2833020	2810595	2757294	2800303	1.39	cps
Barium	137-1	4764853	4766235	4696226	4742438	0.84	cps
Beryllium	9-1	1050632	1063822	1083559	1066004	1.55	cps
Bismuth	209-1	5083026	5334858	5208424	5208769	2.42	cps
Bismuth	209-2	3055541	3080732	3124905	3087060	1.14	cps
Boron	10-1	236521	251564	255791	247959	4.08	cps
Boron	11-1	988552	1029681	1039683	1019305	2.66	cps
Bromine	81-1	38345	34811	36657	36605	4.83	cps
Cadmium	111-1	580635	589236	588574	586148	0.82	cps
Cadmium	106-1	75333	75239	74954	75175	0.26	cps
Cadmium	108-1	49639	49986	50697	50108	1.08	cps
Calcium	43-1	4649634	4725458	4837038	4737377	1.99	cps
Calcium	44-1	74433563	75739350	77318070	75830328	1.90	cps
Carbon	12-1	5780893	6057679	6086929	5975167	2.83	cps
Carbon	12-2	74121	73760	73350	73744	0.52	cps
Chlorine	35-1	2353326	2348695	2284971	2328997	1.64	cps
Chlorine	35-2	15776	15000	14975	15250	2.99	cps
Chromium	52-2	830235	791541	769945	797240	3.83	cps
Cobalt	59-2	1545158	1469836	1456876	1490623	3.20	cps
Copper	63-2	11855005	11446888	11185212	11495701	2.94	cps
Dysprosium	156-1	592	633	525	583	9.37	cps
Dysprosium	156-2	250	330	250	277	16.69	cps
Erbium	164-1	125	50	125	100	43.30	cps
Erbium	164-2	33	53	47	44	22.92	cps
Gadolinium	160-1	600	617	625	614	2.07	cps
Gadolinium	160-2	453	497	437	462	6.70	cps
Holmium	165-1	8730046	9002557	8616292	8782965	2.26	cps
Holmium	165-2	4374262	4524270	4399512	4432681	1.81	cps
Indium	115-1	7575362	7432202	7174299	7393954	2.75	cps
Indium	115-2	1208533	1226890	1205363	1213595	0.96	cps
Iron	54-2	9409101	9031882	8811505	9084163	3.33	cps
Iron	56-2	170317287	162374743	160448704	164380244	3.18	cps
Iron	57-2	4325581	4112559	3903275	4113805	5.13	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 13:47:13	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	375	340	359	358	4.89	cps
Lead	206-1	9031601	9130282	9522823	9228235	2.82	cps
Lead	207-1	7771839	8018324	8254142	8014768	3.01	cps
Lead	208-1	35857800	37179812	37531089	36856234	2.39	cps
Lithium	6-1	4383178	4374883	4284676	4347579	1.26	cps
Magnesium	24-2	36978434	36427782	35608030	36338082	1.90	cps
Manganese	55-2	4379100	4282491	4173527	4278372	2.40	cps
Molybdenum	94-1	9724168	9892823	9821152	9812715	0.86	cps
Molybdenum	95-1	14007413	14280826	14543010	14277083	1.88	cps
Molybdenum	96-1	15454389	15970368	15604727	15676495	1.69	cps
Molybdenum	97-1	8668264	8893705	8771757	8777908	1.29	cps
Molybdenum	98-1	22723335	22721695	22804459	22749830	0.21	cps
Neodymium	150-1	340	313	347	333	5.29	cps
Neodymium	150-2	40	57	47	48	17.56	cps
Nickel	60-2	397975	384106	382384	388155	2.20	cps
Phosphorus	31-2	32730	30908	31284	31641	3.04	cps
Potassium	39-2	12734866	12441334	11915390	12363863	3.36	cps
Rhodium	103-1	7202063	7067500	6924686	7064750	1.96	cps
Rhodium	103-2	3379442	3406798	3325148	3370463	1.23	cps
Scandium	45-1	6092580	6137519	6066644	6098915	0.59	cps
Scandium	45-2	206684	208808	202243	205912	1.63	cps
Selenium	82-1	60660	61769	61912	61447	1.11	cps
Selenium	77-2	1950	1893	2137	1993	6.39	cps
Selenium	78-2	7000	6715	6613	6776	2.96	cps
Silicon	28-1	21325836	21767518	22232985	21775446	2.08	cps
Silver	107-1	3355139	3260273	3315716	3310376	1.44	cps
Silver	109-1	3128229	3180701	3154913	3154614	0.83	cps
Sodium	23-2	67327860	65481895	63797093	65535616	2.69	cps
Strontium	86-1	21506671	21847973	21664736	21673127	0.79	cps
Strontium	88-1	190272621	187504604	187091679	188289635	0.92	cps
Sulfur	34-1	853960	872767	877851	868193	1.45	cps
Terbium	159-1	9057330	9420233	8990476	9156013	2.53	cps
Terbium	159-2	4283065	4419364	4364454	4355628	1.57	cps
Thallium	203-1	2147540	2244729	2275662	2222643	3.01	cps
Thallium	205-1	5158384	5198293	5288187	5214955	1.27	cps
Tin	118-1	2017705	2074374	2023793	2038624	1.53	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	CCV03	Instrumnet Name :	P8
Client Sample ID :	CCV03	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 13:47:13	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4471219	4519215	4743397	4577944	3.17	cps
Uranium	238-1	7002997	7309886	7251370	7188084	2.27	cps
Vanadium	51-2	673123	636744	628600	646156	3.67	cps
Ytterbium	172-1	275	292	250	272	7.70	cps
Ytterbium	172-2	128	128	139	131	4.88	cps
Ytterbium	176-1	9812	10596	10846	10418	5.18	cps
Ytterbium	176-2	14514	15365	15698	15192	4.02	cps
Yttrium	89-1	12598562	12618858	12322055	12513158	1.33	cps
Yttrium	89-2	1448859	1445334	1392593	1428929	2.21	cps
Zinc	66-2	1350197	1323806	1282524	1318842	2.59	cps
Zirconium	90-1	4629821	4914627	4754684	4766377	3.00	cps
Zirconium	91-1	1039773	1068270	1051692	1053245	1.36	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 13:55:05	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	89	125	101	105	17.54	cps
Antimony	121-1	292	242	350	294	18.41	cps
Arsenic	75-2	5	9	3	6	53.91	cps
Barium	135-1	25	50	58	44	39.03	cps
Barium	137-1	125	33	83	81	56.98	cps
Beryllium	9-1	130	95	107	111	16.00	cps
Bismuth	209-1	5129874	5193042	5582019	5301645	4.62	cps
Bismuth	209-2	3217293	3252477	3185025	3218265	1.05	cps
Boron	10-1	4020	4034	4090	4048	0.91	cps
Boron	11-1	17999	18068	17315	17794	2.34	cps
Bromine	81-1	36407	39449	34694	36850	6.53	cps
Cadmium	111-1	453	451	445	450	0.91	cps
Cadmium	106-1	4242	4376	4401	4340	1.96	cps
Cadmium	108-1	13	17	17	15	15.76	cps
Calcium	43-1	281	190	200	224	22.37	cps
Calcium	44-1	16553	15707	16177	16146	2.62	cps
Carbon	12-1	5283808	5326041	5389814	5333221	1.00	cps
Carbon	12-2	59320	59529	57747	58866	1.65	cps
Chlorine	35-1	1087800	1082400	1065976	1078725	1.05	cps
Chlorine	35-2	7385	6952	7152	7163	3.03	cps
Chromium	52-2	700	750	673	708	5.50	cps
Cobalt	59-2	63	70	50	61	16.66	cps
Copper	63-2	1290	1400	1190	1293	8.12	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Dysprosium	156-2	3	0	10	4	114.60	cps
Erbium	164-1	67	33	58	53	32.88	cps
Erbium	164-2	27	37	23	29	24.03	cps
Gadolinium	160-1	33	133	50	72	74.19	cps
Gadolinium	160-2	113	120	120	118	3.26	cps
Holmium	165-1	7855030	7850165	8568739	8091311	5.11	cps
Holmium	165-2	4297420	4355808	4363659	4338962	0.83	cps
Indium	115-1	6751000	6969729	7323937	7014889	4.12	cps
Indium	115-2	1215691	1211308	1239742	1222247	1.25	cps
Iron	54-2	800	794	639	744	12.29	cps
Iron	56-2	5129	5029	4595	4918	5.77	cps
Iron	57-2	267	194	300	254	21.27	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 13:55:05	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	371	356	400	376	5.92	cps
Lead	206-1	989	989	906	961	5.01	cps
Lead	207-1	789	789	650	743	10.80	cps
Lead	208-1	3739	3595	3356	3563	5.43	cps
Lithium	6-1	3963064	3960539	4048671	3990758	1.26	cps
Magnesium	24-2	808	683	600	697	15.04	cps
Manganese	55-2	97	53	60	70	33.34	cps
Molybdenum	94-1	475	292	400	389	23.70	cps
Molybdenum	95-1	558	392	283	411	33.70	cps
Molybdenum	96-1	650	408	442	500	26.20	cps
Molybdenum	97-1	242	292	183	239	22.70	cps
Molybdenum	98-1	1083	458	658	733	43.53	cps
Neodymium	150-1	7	33	7	16	98.94	cps
Neodymium	150-2	3	7	3	4	43.40	cps
Nickel	60-2	30	40	33	34	14.78	cps
Phosphorus	31-2	200	108	117	142	35.78	cps
Potassium	39-2	28996	29197	28320	28838	1.59	cps
Rhodium	103-1	6887767	6955357	7439852	7094326	4.24	cps
Rhodium	103-2	3484213	3497200	3552212	3511209	1.03	cps
Scandium	45-1	5384796	5589450	5901133	5625126	4.62	cps
Scandium	45-2	200314	197148	199471	198978	0.82	cps
Selenium	82-1	6	25	3	11	107.15	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	57	63	65	62	6.75	cps
Silicon	28-1	862237	868855	865215	865436	0.38	cps
Silver	107-1	267	367	183	272	33.72	cps
Silver	109-1	200	233	258	231	12.69	cps
Sodium	23-2	30491	30750	31242	30828	1.24	cps
Strontium	86-1	908	833	700	814	12.97	cps
Strontium	88-1	3476	2059	1825	2453	36.41	cps
Sulfur	34-1	460953	462097	460322	461124	0.20	cps
Terbium	159-1	8157996	8475677	8893975	8509216	4.34	cps
Terbium	159-2	4227863	4278850	4344034	4283582	1.36	cps
Thallium	203-1	283	450	333	356	24.06	cps
Thallium	205-1	758	800	667	742	9.20	cps
Tin	118-1	458	292	367	372	22.43	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	CCB03	Instrumnet Name :	P8
Client Sample ID :	CCB03	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 13:55:05	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	275	208	133	206	34.48	cps
Uranium	238-1	192	67	83	114	59.59	cps
Vanadium	51-2	7	20	3	10	88.20	cps
Ytterbium	172-1	83	50	58	64	27.16	cps
Ytterbium	172-2	22	28	50	33	44.10	cps
Ytterbium	176-1	1267	1333	1350	1317	3.35	cps
Ytterbium	176-2	9765	9826	10254	9948	2.68	cps
Yttrium	89-1	10951904	11353260	12023460	11442874	4.73	cps
Yttrium	89-2	1372403	1402198	1429027	1401209	2.02	cps
Zinc	66-2	113	83	90	96	16.49	cps
Zirconium	90-1	525	542	658	575	12.63	cps
Zirconium	91-1	50	50	42	47	10.18	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 13:58:06	DataFile Name :	021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1160	1132	1125	1139	1.62	cps
Antimony	121-1	8361	8253	9145	8586	5.67	cps
Arsenic	75-2	155	173	162	163	5.55	cps
Barium	135-1	10846	10237	10146	10410	3.66	cps
Barium	137-1	18422	17278	17754	17818	3.22	cps
Beryllium	9-1	2420	2421	2467	2436	1.11	cps
Bismuth	209-1	5480309	5338513	5579791	5466204	2.22	cps
Bismuth	209-2	3326001	3205702	3197601	3243101	2.22	cps
Boron	10-1	8745	9117	9407	9090	3.65	cps
Boron	11-1	37276	38707	40289	38757	3.89	cps
Bromine	81-1	38195	37886	37827	37969	0.52	cps
Cadmium	111-1	1767	1790	1736	1764	1.52	cps
Cadmium	106-1	5018	4376	4734	4709	6.83	cps
Cadmium	108-1	92	104	113	103	10.20	cps
Calcium	43-1	9334	9556	9197	9362	1.93	cps
Calcium	44-1	164833	164388	165426	164882	0.32	cps
Carbon	12-1	4486217	4589889	4462799	4512968	1.50	cps
Carbon	12-2	50404	48748	50680	49944	2.09	cps
Chlorine	35-1	925234	918553	896709	913499	1.63	cps
Chlorine	35-2	6593	5993	6343	6310	4.78	cps
Chromium	52-2	3887	3897	3704	3829	2.84	cps
Cobalt	59-2	2870	2847	2697	2805	3.35	cps
Copper	63-2	5685	5398	5294	5459	3.70	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	42	58	42	47	20.37	cps
Erbium	164-2	33	17	27	26	32.81	cps
Gadolinium	160-1	50	75	75	67	21.65	cps
Gadolinium	160-2	140	123	117	127	9.49	cps
Holmium	165-1	8562282	8768953	8767958	8699731	1.37	cps
Holmium	165-2	4318828	4374723	4255378	4316310	1.38	cps
Indium	115-1	7683355	7396679	7523037	7534357	1.91	cps
Indium	115-2	1241943	1238001	1240874	1240273	0.16	cps
Iron	54-2	3984	4262	4151	4132	3.38	cps
Iron	56-2	68341	68157	65517	67338	2.35	cps
Iron	57-2	1906	1817	1750	1824	4.28	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 13:58:06	DataFile Name :	021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	375	309	365	350	10.22	cps
Lead	206-1	4495	3995	4317	4269	5.94	cps
Lead	207-1	3628	3673	3678	3660	0.75	cps
Lead	208-1	17099	16037	16727	16621	3.24	cps
Lithium	6-1	4226926	4098595	4221292	4182271	1.73	cps
Magnesium	24-2	72958	68134	67055	69383	4.53	cps
Manganese	55-2	1023	947	960	977	4.19	cps
Molybdenum	94-1	10179	10604	11430	10738	5.92	cps
Molybdenum	95-1	13223	13974	12973	13390	3.89	cps
Molybdenum	96-1	14508	15376	14583	14822	3.24	cps
Molybdenum	97-1	8128	8203	7719	8016	3.25	cps
Molybdenum	98-1	21801	20975	20516	21097	3.09	cps
Neodymium	150-1	13	13	7	11	34.61	cps
Neodymium	150-2	0	10	3	4	114.60	cps
Nickel	60-2	830	750	740	773	6.38	cps
Phosphorus	31-2	167	175	158	167	5.00	cps
Potassium	39-2	74250	72641	72457	73116	1.35	cps
Rhodium	103-1	7793755	7394770	7652721	7613748	2.66	cps
Rhodium	103-2	3669323	3592748	3530841	3597637	1.93	cps
Scandium	45-1	5891645	5934872	6135372	5987297	2.17	cps
Scandium	45-2	201369	199293	201184	200615	0.57	cps
Selenium	82-1	622	735	596	651	11.32	cps
Selenium	77-2	27	20	20	22	17.33	cps
Selenium	78-2	124	121	113	119	4.76	cps
Silicon	28-1	896372	890340	908817	898510	1.05	cps
Silver	107-1	6643	6527	7235	6802	5.59	cps
Silver	109-1	6443	6235	6969	6549	5.77	cps
Sodium	23-2	160646	156435	152418	156499	2.63	cps
Strontium	86-1	2092	2342	2409	2281	7.32	cps
Strontium	88-1	15042	15976	14491	15170	4.95	cps
Sulfur	34-1	462644	463252	464954	463617	0.26	cps
Terbium	159-1	8979633	8888136	9230133	9032634	1.96	cps
Terbium	159-2	4319362	4265583	4158993	4247980	1.92	cps
Thallium	203-1	4243	4934	4309	4495	8.49	cps
Thallium	205-1	10830	10655	10596	10694	1.14	cps
Tin	118-1	20466	20783	20608	20619	0.77	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 13:58:06	DataFile Name :	021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4267	4526	4759	4517	5.45	cps
Uranium	238-1	13432	13199	12406	13013	4.13	cps
Vanadium	51-2	6008	5838	5761	5869	2.15	cps
Ytterbium	172-1	75	75	17	56	60.62	cps
Ytterbium	172-2	39	39	22	33	28.87	cps
Ytterbium	176-1	1525	1558	1592	1558	2.14	cps
Ytterbium	176-2	9837	10199	10371	10136	2.69	cps
Yttrium	89-1	11912491	12095086	12234573	12080717	1.34	cps
Yttrium	89-2	1440447	1417429	1423528	1427135	0.84	cps
Zinc	66-2	790	757	723	757	4.41	cps
Zirconium	90-1	9395	8686	9412	9164	4.52	cps
Zirconium	91-1	2159	1867	2067	2031	7.35	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	PB151639BL	Instrumnet Name :	P8
Client Sample ID :	PB151639BL	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 14:01:10	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	136	92	97	109	22.02	cps
Antimony	121-1	100	142	83	108	27.73	cps
Arsenic	75-2	8	4	0	4	100.00	cps
Barium	135-1	17	0	33	17	99.99	cps
Barium	137-1	75	50	50	58	24.74	cps
Beryllium	9-1	84	60	67	70	17.24	cps
Bismuth	209-1	5807486	5470478	5629806	5635923	2.99	cps
Bismuth	209-2	3204145	3258844	3229435	3230808	0.85	cps
Boron	10-1	2926	2762	2722	2803	3.86	cps
Boron	11-1	12811	12255	11916	12327	3.66	cps
Bromine	81-1	36966	37067	37351	37128	0.54	cps
Cadmium	111-1	496	471	476	481	2.82	cps
Cadmium	106-1	4843	4543	4718	4701	3.21	cps
Cadmium	108-1	13	0	13	8	86.60	cps
Calcium	43-1	200	139	166	168	18.23	cps
Calcium	44-1	15978	15388	15618	15661	1.90	cps
Carbon	12-1	5234042	5406456	5281782	5307427	1.68	cps
Carbon	12-2	59630	59438	60424	59831	0.87	cps
Chlorine	35-1	741226	738431	723178	734278	1.32	cps
Chlorine	35-2	5059	5101	5084	5082	0.41	cps
Chromium	52-2	657	760	790	736	9.51	cps
Cobalt	59-2	67	63	60	63	5.27	cps
Copper	63-2	1167	1133	1110	1137	2.51	cps
Dysprosium	156-1	17	8	0	8	100.02	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	42	92	50	61	43.83	cps
Erbium	164-2	20	33	27	27	24.99	cps
Gadolinium	160-1	42	42	75	53	36.46	cps
Gadolinium	160-2	127	143	130	133	6.62	cps
Holmium	165-1	8890214	8768248	8592416	8750293	1.71	cps
Holmium	165-2	4477813	4352391	4462833	4431013	1.55	cps
Indium	115-1	7982957	7561094	7317131	7620394	4.42	cps
Indium	115-2	1231026	1229139	1245189	1235118	0.71	cps
Iron	54-2	778	828	778	794	3.63	cps
Iron	56-2	3956	3973	3567	3832	5.99	cps
Iron	57-2	217	233	206	219	6.40	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	PB151639BL	Instrumnet Name :	P8
Client Sample ID :	PB151639BL	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 14:01:10	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	369	355	370	365	2.28	cps
Lead	206-1	739	700	767	735	4.55	cps
Lead	207-1	556	622	650	609	7.97	cps
Lead	208-1	2784	2689	2939	2804	4.50	cps
Lithium	6-1	4396773	4209200	4213154	4273042	2.51	cps
Magnesium	24-2	608	558	375	514	23.91	cps
Manganese	55-2	60	63	80	68	15.81	cps
Molybdenum	94-1	267	233	342	281	19.78	cps
Molybdenum	95-1	158	117	167	147	18.20	cps
Molybdenum	96-1	192	200	217	203	6.28	cps
Molybdenum	97-1	58	67	83	69	18.34	cps
Molybdenum	98-1	242	108	225	192	37.90	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	27	27	13	22	34.66	cps
Phosphorus	31-2	108	142	125	125	13.33	cps
Potassium	39-2	28170	27802	28128	28033	0.72	cps
Rhodium	103-1	7776587	7529265	7598550	7634801	1.67	cps
Rhodium	103-2	3584172	3593606	3552912	3576897	0.60	cps
Scandium	45-1	6183146	6125281	6084552	6130993	0.81	cps
Scandium	45-2	205694	200325	201341	202453	1.41	cps
Selenium	82-1	19	-26	64	19	240.02	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	63	53	52	56	10.86	cps
Silicon	28-1	844612	845882	845393	845295	0.08	cps
Silver	107-1	375	233	250	286	27.06	cps
Silver	109-1	317	308	208	278	21.70	cps
Sodium	23-2	30031	29029	28520	29194	2.63	cps
Strontium	86-1	608	617	658	628	4.27	cps
Strontium	88-1	1242	725	1250	1072	28.05	cps
Sulfur	34-1	468573	466352	467274	467399	0.24	cps
Terbium	159-1	9352490	8895988	8894066	9047515	2.92	cps
Terbium	159-2	4362556	4258193	4307865	4309538	1.21	cps
Thallium	203-1	233	292	408	311	28.64	cps
Thallium	205-1	683	675	442	600	22.86	cps
Tin	118-1	308	292	242	281	12.37	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	PB151639BL	Instrumnet Name :	P8
Client Sample ID :	PB151639BL	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 14:01:10	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	258	75	133	156	60.21	cps
Uranium	238-1	67	25	50	47	44.41	cps
Vanadium	51-2	13	7	3	8	65.47	cps
Ytterbium	172-1	58	67	92	72	24.02	cps
Ytterbium	172-2	39	44	22	35	32.88	cps
Ytterbium	176-1	1408	1325	1558	1431	8.27	cps
Ytterbium	176-2	9704	9515	9943	9720	2.21	cps
Yttrium	89-1	12999771	12405046	12302187	12569002	3.00	cps
Yttrium	89-2	1428238	1391696	1452791	1424242	2.16	cps
Zinc	66-2	83	73	60	72	16.21	cps
Zirconium	90-1	533	658	600	597	10.47	cps
Zirconium	91-1	75	100	100	92	15.75	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	PB151639BS	Instrumnet Name :	P8
Client Sample ID :	PB151639BS	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 14:04:11	DataFile Name :	023LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	535201	528412	517598	527070	1.68	cps
Antimony	121-1	2209778	2229965	2289188	2242977	1.84	cps
Arsenic	75-2	81230	77651	76381	78421	3.21	cps
Barium	135-1	2693505	2808088	2819776	2773789	2.52	cps
Barium	137-1	4734572	4739628	4893885	4789362	1.89	cps
Beryllium	9-1	1089755	1095361	1145160	1110092	2.75	cps
Bismuth	209-1	5532454	5308551	5369022	5403342	2.14	cps
Bismuth	209-2	3188672	3206471	3187193	3194112	0.34	cps
Boron	10-1	165300	177476	183950	175575	5.39	cps
Boron	11-1	733930	786893	812661	777828	5.16	cps
Bromine	81-1	36716	35905	36850	36490	1.40	cps
Cadmium	111-1	602016	623200	631729	618982	2.47	cps
Cadmium	106-1	80654	81836	80017	80836	1.14	cps
Cadmium	108-1	53303	53298	54688	53763	1.49	cps
Calcium	43-1	1043793	1071868	1055853	1057171	1.33	cps
Calcium	44-1	16160749	16405522	16793871	16453380	1.94	cps
Carbon	12-1	5161362	5438302	5628945	5409537	4.35	cps
Carbon	12-2	64325	63622	65237	64395	1.26	cps
Chlorine	35-1	676721	660109	657948	664926	1.54	cps
Chlorine	35-2	4626	4618	4509	4584	1.42	cps
Chromium	52-2	817007	793441	769386	793278	3.00	cps
Cobalt	59-2	1528776	1495173	1414637	1479529	3.96	cps
Copper	63-2	11825901	11221805	11270925	11439544	2.93	cps
Dysprosium	156-1	108	125	117	117	7.14	cps
Dysprosium	156-2	107	93	93	98	7.88	cps
Erbium	164-1	108	50	108	89	37.89	cps
Erbium	164-2	37	63	30	43	40.70	cps
Gadolinium	160-1	200	225	208	211	6.03	cps
Gadolinium	160-2	193	217	193	201	6.70	cps
Holmium	165-1	8995828	8743829	8511130	8750262	2.77	cps
Holmium	165-2	4542372	4417079	4594646	4518032	2.02	cps
Indium	115-1	7453108	7061504	7360679	7291764	2.81	cps
Indium	115-2	1233519	1246863	1287964	1256115	2.26	cps
Iron	54-2	2032164	1922643	1937668	1964158	3.02	cps
Iron	56-2	34544880	34432935	33214956	34064257	2.17	cps
Iron	57-2	860167	839774	811119	837020	2.94	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	PB151639BS	Instrumnet Name :	P8
Client Sample ID :	PB151639BS	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 14:04:11	DataFile Name :	023LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	362	362	365	363	0.40	cps
Lead	206-1	9059977	9534587	9250504	9281689	2.57	cps
Lead	207-1	8070313	8370596	8225986	8222298	1.83	cps
Lead	208-1	36793545	37834253	37429599	37352466	1.40	cps
Lithium	6-1	4301098	4283131	4303873	4296034	0.26	cps
Magnesium	24-2	7710356	7585119	7393510	7562995	2.11	cps
Manganese	55-2	4511288	4345528	4254558	4370458	2.98	cps
Molybdenum	94-1	9700592	9587502	9822252	9703448	1.21	cps
Molybdenum	95-1	14022058	14065685	14416155	14167966	1.52	cps
Molybdenum	96-1	15404087	15483776	15617737	15501867	0.70	cps
Molybdenum	97-1	8712200	8725580	8933351	8790377	1.41	cps
Molybdenum	98-1	22606167	21971396	22514761	22364108	1.53	cps
Neodymium	150-1	360	333	307	333	8.00	cps
Neodymium	150-2	43	13	27	28	54.11	cps
Nickel	60-2	399415	391769	371428	387537	3.73	cps
Phosphorus	31-2	33147	32295	32036	32493	1.79	cps
Potassium	39-2	2540250	2557037	2569369	2555552	0.57	cps
Rhodium	103-1	7483224	7295259	7454486	7410989	1.37	cps
Rhodium	103-2	3501909	3517766	3715128	3578268	3.32	cps
Scandium	45-1	6234710	5797192	6090714	6040872	3.69	cps
Scandium	45-2	205833	206224	211776	207944	1.60	cps
Selenium	82-1	59959	61193	62026	61059	1.70	cps
Selenium	77-2	2084	1943	2017	2015	3.48	cps
Selenium	78-2	6739	6556	6548	6615	1.63	cps
Silicon	28-1	12744182	13419426	13884763	13349457	4.30	cps
Silver	107-1	3411500	3498049	3488220	3465923	1.37	cps
Silver	109-1	3144154	3310859	3269613	3241542	2.68	cps
Sodium	23-2	13869410	13461114	13586002	13638842	1.53	cps
Strontium	86-1	20932949	21902112	21701537	21512199	2.38	cps
Strontium	88-1	179788742	187907642	189131729	185609371	2.74	cps
Sulfur	34-1	882245	885156	895136	887512	0.76	cps
Terbium	159-1	9127539	8712143	9243823	9027835	3.10	cps
Terbium	159-2	4548564	4410532	4635062	4531386	2.50	cps
Thallium	203-1	2187447	2270919	2220347	2226238	1.89	cps
Thallium	205-1	5119970	5262935	5104547	5162484	1.69	cps
Tin	118-1	1987254	2020386	2039820	2015820	1.32	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	PB151639BS	Instrumnet Name :	P8
Client Sample ID :	PB151639BS	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 14:04:11	DataFile Name :	023LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4341654	4548719	4530379	4473584	2.56	cps
Uranium	238-1	6836728	7050737	7009506	6965657	1.63	cps
Vanadium	51-2	650478	629962	614776	631739	2.84	cps
Ytterbium	172-1	117	83	108	103	16.88	cps
Ytterbium	172-2	44	50	56	50	11.11	cps
Ytterbium	176-1	10513	9545	10429	10163	5.27	cps
Ytterbium	176-2	14508	14697	13824	14343	3.20	cps
Yttrium	89-1	12569435	12064626	12483055	12372372	2.18	cps
Yttrium	89-2	1453195	1492792	1525475	1490488	2.43	cps
Zinc	66-2	1461587	1399811	1340689	1400696	4.32	cps
Zirconium	90-1	4670460	4626178	4758627	4685089	1.44	cps
Zirconium	91-1	1028878	1032074	1043956	1034969	0.77	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	O2028-01	Instrumnet Name :	P8
Client Sample ID :	TR-05-032123	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 14:14:35	DataFile Name :	024AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5108887	4973954	4840810	4974550	2.69	cps
Antimony	121-1	1092	992	892	992	10.08	cps
Arsenic	75-2	7706	7631	7498	7611	1.38	cps
Barium	135-1	495793	492447	493693	493977	0.34	cps
Barium	137-1	875622	857934	868001	867186	1.02	cps
Beryllium	9-1	11681	11319	11549	11516	1.59	cps
Bismuth	209-1	6789641	6624020	6652927	6688863	1.32	cps
Bismuth	209-2	3779698	3697344	3685615	3720886	1.38	cps
Boron	10-1	23450	25092	25054	24532	3.82	cps
Boron	11-1	104548	110374	112033	108985	3.61	cps
Bromine	81-1	39164	39448	39256	39289	0.37	cps
Cadmium	111-1	1526	1502	1543	1523	1.36	cps
Cadmium	106-1	7953	8344	7811	8036	3.44	cps
Cadmium	108-1	796	696	692	728	8.10	cps
Calcium	43-1	1176679	1189241	1166439	1177453	0.97	cps
Calcium	44-1	18978598	19427813	18419400	18941937	2.67	cps
Carbon	12-1	8153020	8505885	8540326	8399744	2.55	cps
Carbon	12-2	96860	95887	97397	96714	0.79	cps
Chlorine	35-1	799606	827952	847081	824880	2.90	cps
Chlorine	35-2	6026	6201	6126	6118	1.44	cps
Chromium	52-2	281966	272491	275021	276493	1.77	cps
Cobalt	59-2	228279	223758	219446	223828	1.97	cps
Copper	63-2	418528	406614	409037	411393	1.53	cps
Dysprosium	156-1	93285	95348	95173	94602	1.21	cps
Dysprosium	156-2	41588	41889	40274	41250	2.08	cps
Erbium	164-1	81333	78793	80410	80179	1.60	cps
Erbium	164-2	36784	36744	35079	36203	2.69	cps
Gadolinium	160-1	87353	86506	86305	86721	0.64	cps
Gadolinium	160-2	45183	44762	44116	44687	1.20	cps
Holmium	165-1	11521846	10546605	10664791	10911081	4.88	cps
Holmium	165-2	5359851	5216068	5180695	5252205	1.81	cps
Indium	115-1	9484978	9281077	9337959	9368005	1.12	cps
Indium	115-2	1498370	1462118	1513092	1491193	1.76	cps
Iron	54-2	13124037	13262455	12548131	12978208	2.92	cps
Iron	56-2	232138455	227191144	227408533	228912711	1.22	cps
Iron	57-2	6040715	5798580	5629073	5822789	3.55	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	O2028-01	Instrumnet Name :	P8
Client Sample ID :	TR-05-032123	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 14:14:35	DataFile Name :	024AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	535	500	509	515	3.54	cps
Lead	206-1	785788	784366	765260	778471	1.47	cps
Lead	207-1	651166	646210	640695	646024	0.81	cps
Lead	208-1	3162471	3130852	3101563	3131629	0.97	cps
Lithium	6-1	5388535	5288197	4975527	5217420	4.13	cps
Magnesium	24-2	4964289	4928982	4747979	4880417	2.38	cps
Manganese	55-2	2456912	2418916	2343209	2406346	2.41	cps
Molybdenum	94-1	199066	202736	198825	200209	1.09	cps
Molybdenum	95-1	10688	10830	10796	10771	0.69	cps
Molybdenum	96-1	49029	48862	47014	48302	2.31	cps
Molybdenum	97-1	7085	6935	7227	7083	2.06	cps
Molybdenum	98-1	18213	17620	16686	17506	4.40	cps
Neodymium	150-1	136259	136090	137573	136641	0.59	cps
Neodymium	150-2	47360	46989	45835	46728	1.70	cps
Nickel	60-2	131839	126014	124399	127417	3.07	cps
Phosphorus	31-2	11163	10412	10654	10743	3.57	cps
Potassium	39-2	781513	761809	755637	766320	1.76	cps
Rhodium	103-1	9110075	8881545	9005378	8998999	1.27	cps
Rhodium	103-2	4227873	4167260	4169501	4188211	0.82	cps
Scandium	45-1	7856631	8029777	7750697	7879035	1.79	cps
Scandium	45-2	258511	246017	249037	251188	2.60	cps
Selenium	82-1	310	382	406	366	13.69	cps
Selenium	77-2	180	223	200	201	10.79	cps
Selenium	78-2	267	217	225	236	11.36	cps
Silicon	28-1	23350889	19263326	19554159	20722791	11.01	cps
Silver	107-1	2100	2259	2334	2231	5.34	cps
Silver	109-1	1417	1700	1784	1633	11.77	cps
Sodium	23-2	1384223	1398908	1345397	1376176	2.01	cps
Strontium	86-1	440857	430735	430096	433896	1.39	cps
Strontium	88-1	3853483	3779378	3686719	3773193	2.21	cps
Sulfur	34-1	561475	564015	562111	562534	0.23	cps
Terbium	159-1	11676184	11209763	11080497	11322148	2.77	cps
Terbium	159-2	5233651	5202611	5127353	5187872	1.05	cps
Thallium	203-1	3892	3967	3892	3917	1.11	cps
Thallium	205-1	9987	9570	9679	9746	2.22	cps
Tin	118-1	52837	53522	51322	52560	2.14	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	O2028-01	Instrumnet Name :	P8
Client Sample ID :	TR-05-032123	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 14:14:35	DataFile Name :	024AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	685014	670609	663960	673194	1.60	cps
Uranium	238-1	110836	107252	106270	108119	2.22	cps
Vanadium	51-2	288680	282668	279165	283504	1.70	cps
Ytterbium	172-1	24949	24089	23789	24276	2.48	cps
Ytterbium	172-2	12862	12918	12378	12719	2.33	cps
Ytterbium	176-1	18363	17337	17270	17657	3.47	cps
Ytterbium	176-2	20399	19993	20338	20244	1.08	cps
Yttrium	89-1	16870411	16579957	16472279	16640882	1.24	cps
Yttrium	89-2	1919036	1860897	1853356	1877763	1.91	cps
Zinc	66-2	139400	136064	133833	136432	2.05	cps
Zirconium	90-1	537157	550165	541867	543063	1.21	cps
Zirconium	91-1	119958	119285	119814	119686	0.30	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	O2028-01DLX5	Instrumnet Name :	P8
Client Sample ID :	TR-05-032123DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-24 14:17:28	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	814630	796563	783445	798213	1.96	cps
Antimony	121-1	175	275	225	225	22.22	cps
Arsenic	75-2	1246	1149	1159	1185	4.50	cps
Barium	135-1	78412	78470	81043	79308	1.89	cps
Barium	137-1	137735	140000	137968	138568	0.90	cps
Beryllium	9-1	1896	1895	1815	1869	2.49	cps
Bismuth	209-1	5118362	5504525	5580651	5401179	4.59	cps
Bismuth	209-2	3373683	3280251	3292472	3315468	1.53	cps
Boron	10-1	7472	7414	7528	7472	0.76	cps
Boron	11-1	33267	32738	32674	32893	0.99	cps
Bromine	81-1	37434	38437	39114	38328	2.21	cps
Cadmium	111-1	451	519	591	520	13.42	cps
Cadmium	106-1	4184	4926	4634	4581	8.16	cps
Cadmium	108-1	150	158	146	151	4.20	cps
Calcium	43-1	189032	190744	186349	188708	1.17	cps
Calcium	44-1	3105015	3121303	3098810	3108376	0.37	cps
Carbon	12-1	5078377	4997660	5059066	5045034	0.84	cps
Carbon	12-2	55748	56911	58082	56914	2.05	cps
Chlorine	35-1	662862	678879	674302	672014	1.23	cps
Chlorine	35-2	4676	4718	4509	4634	2.38	cps
Chromium	52-2	46248	45633	44777	45552	1.62	cps
Cobalt	59-2	37366	35872	36032	36423	2.25	cps
Copper	63-2	70776	67413	65407	67865	4.00	cps
Dysprosium	156-1	15459	15568	14492	15173	3.91	cps
Dysprosium	156-2	6728	6442	6495	6555	2.33	cps
Erbium	164-1	11922	11997	12907	12275	4.46	cps
Erbium	164-2	6118	5635	5715	5822	4.45	cps
Gadolinium	160-1	13649	13624	13749	13674	0.48	cps
Gadolinium	160-2	7309	6989	7335	7211	2.68	cps
Holmium	165-1	8062190	8632281	9073461	8589311	5.90	cps
Holmium	165-2	4472401	4432484	4525618	4476834	1.04	cps
Indium	115-1	7056074	7816414	7672374	7514954	5.37	cps
Indium	115-2	1275538	1279211	1265984	1273578	0.54	cps
Iron	54-2	2146317	2141259	2150992	2146189	0.23	cps
Iron	56-2	38535469	38563568	37342162	38147066	1.83	cps
Iron	57-2	941303	933381	910373	928352	1.73	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	O2028-01DLX5	Instrumnet Name :	P8
Client Sample ID :	TR-05-032123DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-24 14:17:28	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	415	385	377	392	5.06	cps
Lead	206-1	127956	125150	124366	125824	1.50	cps
Lead	207-1	104257	102426	103147	103277	0.89	cps
Lead	208-1	490607	480781	482532	484640	1.08	cps
Lithium	6-1	3896384	4236369	4308286	4147013	5.31	cps
Magnesium	24-2	811666	791741	776848	793418	2.20	cps
Manganese	55-2	378728	374962	369616	374435	1.22	cps
Molybdenum	94-1	32622	32188	32773	32528	0.93	cps
Molybdenum	95-1	2125	1925	2017	2022	4.95	cps
Molybdenum	96-1	7944	8003	7811	7919	1.24	cps
Molybdenum	97-1	1042	1217	1192	1150	8.23	cps
Molybdenum	98-1	3317	2517	2484	2773	17.02	cps
Neodymium	150-1	22152	22326	21070	21849	3.11	cps
Neodymium	150-2	7819	7626	7329	7591	3.25	cps
Nickel	60-2	20585	20458	21309	20784	2.21	cps
Phosphorus	31-2	1850	1525	1700	1692	9.62	cps
Potassium	39-2	148571	145117	146581	146756	1.18	cps
Rhodium	103-1	7078693	7645703	7607963	7444120	4.26	cps
Rhodium	103-2	3624831	3693564	3621978	3646791	1.11	cps
Scandium	45-1	5655736	6249488	6302371	6069198	5.92	cps
Scandium	45-2	207514	209665	210044	209074	0.65	cps
Selenium	82-1	34	60	62	52	30.58	cps
Selenium	77-2	27	33	63	41	47.50	cps
Selenium	78-2	86	79	71	79	9.54	cps
Silicon	28-1	3693245	3781671	3703361	3726092	1.30	cps
Silver	107-1	408	392	483	428	11.41	cps
Silver	109-1	275	317	292	294	7.12	cps
Sodium	23-2	247792	238203	244954	243650	2.02	cps
Strontium	86-1	71333	69976	68619	69976	1.94	cps
Strontium	88-1	606193	594617	597773	599528	1.00	cps
Sulfur	34-1	461981	461668	469668	464439	0.98	cps
Terbium	159-1	8435604	8937239	9354086	8908977	5.16	cps
Terbium	159-2	4554732	4402484	4547159	4501458	1.91	cps
Thallium	203-1	825	658	725	736	11.40	cps
Thallium	205-1	2067	1775	2084	1975	8.78	cps
Tin	118-1	10118	9203	9078	9467	6.00	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	O2028-01DLX5	Instrumnet Name :	P8
Client Sample ID :	TR-05-032123DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-24 14:17:28	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	120248	105739	104070	110019	8.09	cps
Uranium	238-1	17454	17129	16286	16956	3.56	cps
Vanadium	51-2	46475	44957	44181	45205	2.58	cps
Ytterbium	172-1	3617	3967	3784	3790	4.62	cps
Ytterbium	172-2	2089	1917	1795	1934	7.65	cps
Ytterbium	176-1	3834	4151	3784	3923	5.07	cps
Ytterbium	176-2	10482	10999	10932	10805	2.60	cps
Yttrium	89-1	11657579	12699629	13124061	12493756	6.04	cps
Yttrium	89-2	1484352	1439373	1502636	1475454	2.21	cps
Zinc	66-2	22137	20866	20902	21302	3.40	cps
Zirconium	90-1	87751	86083	87048	86961	0.96	cps
Zirconium	91-1	19890	19497	18171	19186	4.70	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	O2028-01DUP	Instrumnet Name :	P8
Client Sample ID :	TR-05-032123DUP	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 14:20:29	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4967001	4796038	4776268	4846436	2.16	cps
Antimony	121-1	933	808	683	808	15.46	cps
Arsenic	75-2	8825	8426	8667	8639	2.32	cps
Barium	135-1	515692	506691	489027	503803	2.69	cps
Barium	137-1	887749	883705	852894	874783	2.18	cps
Beryllium	9-1	12897	12748	12316	12653	2.38	cps
Bismuth	209-1	6991185	6585811	6346565	6641187	4.91	cps
Bismuth	209-2	3770335	3550868	3674656	3665287	3.00	cps
Boron	10-1	14564	16094	15719	15459	5.16	cps
Boron	11-1	65460	70191	70740	68797	4.22	cps
Bromine	81-1	39757	37852	39916	39175	2.93	cps
Cadmium	111-1	1467	1422	1342	1410	4.49	cps
Cadmium	106-1	8344	7919	8028	8097	2.73	cps
Cadmium	108-1	817	696	783	765	8.16	cps
Calcium	43-1	1569031	1553933	1551908	1558291	0.60	cps
Calcium	44-1	24770748	24959169	24375772	24701896	1.21	cps
Carbon	12-1	8153232	8652383	8667066	8490894	3.45	cps
Carbon	12-2	97422	96064	96717	96734	0.70	cps
Chlorine	35-1	767517	786073	797177	783589	1.91	cps
Chlorine	35-2	5985	5276	6001	5754	7.20	cps
Chromium	52-2	394654	360913	373679	376415	4.53	cps
Cobalt	59-2	213071	200349	205113	206178	3.12	cps
Copper	63-2	441860	417277	417564	425567	3.32	cps
Dysprosium	156-1	102946	102610	100821	102126	1.12	cps
Dysprosium	156-2	44156	41862	42324	42781	2.84	cps
Erbium	164-1	86466	87128	85744	86446	0.80	cps
Erbium	164-2	40132	38031	38205	38789	3.01	cps
Gadolinium	160-1	92143	92279	90617	91680	1.01	cps
Gadolinium	160-2	47719	44792	45845	46119	3.21	cps
Holmium	165-1	10922850	10961992	10765432	10883424	0.96	cps
Holmium	165-2	5174230	5179273	5168818	5174107	0.10	cps
Indium	115-1	9852921	9344221	9075986	9424376	4.19	cps
Indium	115-2	1444735	1395844	1462227	1434269	2.40	cps
Iron	54-2	14382124	13352082	13204716	13646307	4.70	cps
Iron	56-2	255212139	239777989	238411933	244467354	3.82	cps
Iron	57-2	6546231	5913504	6234004	6231246	5.08	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	O2028-01DUP	Instrumnet Name :	P8
Client Sample ID :	TR-05-032123DUP	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 14:20:29	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	537	582	537	552	4.70	cps
Lead	206-1	988640	988033	964725	980466	1.39	cps
Lead	207-1	813904	798241	779440	797195	2.16	cps
Lead	208-1	4018997	3954446	3807832	3927092	2.76	cps
Lithium	6-1	5343139	5201828	4951321	5165430	3.84	cps
Magnesium	24-2	5012097	4720316	4800356	4844256	3.11	cps
Manganese	55-2	2339370	2169777	2223612	2244253	3.86	cps
Molybdenum	94-1	201950	198541	192940	197810	2.30	cps
Molybdenum	95-1	10246	10471	10546	10421	1.50	cps
Molybdenum	96-1	48402	47591	44690	46894	4.16	cps
Molybdenum	97-1	6018	6001	5843	5954	1.62	cps
Molybdenum	98-1	16710	15451	16344	16168	4.01	cps
Neodymium	150-1	150400	145858	141606	145955	3.01	cps
Neodymium	150-2	50934	46882	47377	48398	4.57	cps
Nickel	60-2	120906	115535	116332	117591	2.46	cps
Phosphorus	31-2	12222	11697	11455	11791	3.33	cps
Potassium	39-2	794019	738550	758057	763542	3.69	cps
Rhodium	103-1	9610385	9440528	8920741	9323885	3.85	cps
Rhodium	103-2	4134985	3995663	4140201	4090283	2.00	cps
Scandium	45-1	8234193	7842091	7712144	7929476	3.43	cps
Scandium	45-2	249808	242091	242359	244752	1.79	cps
Selenium	82-1	366	316	452	378	18.22	cps
Selenium	77-2	193	203	233	210	9.91	cps
Selenium	78-2	276	247	234	252	8.52	cps
Silicon	28-1	18753162	18213508	18477827	18481499	1.46	cps
Silver	107-1	2442	2234	2392	2356	4.62	cps
Silver	109-1	1725	1925	1683	1778	7.27	cps
Sodium	23-2	1398572	1332902	1335501	1355658	2.74	cps
Strontium	86-1	494499	502057	478419	491659	2.46	cps
Strontium	88-1	4279719	4308086	4213125	4266977	1.14	cps
Sulfur	34-1	557835	561556	559165	559519	0.34	cps
Terbium	159-1	11749693	11311105	11215964	11425588	2.49	cps
Terbium	159-2	5181680	5083046	5278853	5181193	1.89	cps
Thallium	203-1	3992	3951	3526	3823	6.76	cps
Thallium	205-1	8987	8495	8720	8734	2.82	cps
Tin	118-1	37879	39872	38858	38870	2.56	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	O2028-01DUP	Instrumnet Name :	P8
Client Sample ID :	TR-05-032123DUP	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 14:20:29	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	643519	655531	619885	639645	2.84	cps
Uranium	238-1	114172	116474	107858	112835	3.95	cps
Vanadium	51-2	321863	304303	310230	312132	2.86	cps
Ytterbium	172-1	27705	27529	26662	27298	2.05	cps
Ytterbium	172-2	14180	13151	15018	14116	6.62	cps
Ytterbium	176-1	20132	18672	19064	19290	3.92	cps
Ytterbium	176-2	20683	19270	20266	20073	3.62	cps
Yttrium	89-1	17343658	16888339	16560632	16930876	2.32	cps
Yttrium	89-2	1892525	1775493	1899823	1855947	3.76	cps
Zinc	66-2	133543	127759	128521	129941	2.42	cps
Zirconium	90-1	548605	531833	519379	533272	2.75	cps
Zirconium	91-1	117789	116949	118729	117822	0.76	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	O2028-01DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	TR-05-032123DUPDL	Dilution Factor :	5
Date & Time Acquired :	2023-03-24 14:23:21	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	754790	725786	720850	733809	2.50	cps
Antimony	121-1	150	167	142	153	8.33	cps
Arsenic	75-2	1188	1172	1113	1158	3.41	cps
Barium	135-1	77774	77431	73618	76274	3.02	cps
Barium	137-1	132137	134796	125382	130772	3.71	cps
Beryllium	9-1	1756	1827	1784	1789	2.01	cps
Bismuth	209-1	5379009	5623336	5155047	5385798	4.35	cps
Bismuth	209-2	3089366	3132613	3149840	3123940	1.00	cps
Boron	10-1	6050	6388	6200	6213	2.73	cps
Boron	11-1	26885	27953	27362	27400	1.95	cps
Bromine	81-1	38378	38036	38254	38223	0.45	cps
Cadmium	111-1	622	612	571	602	4.50	cps
Cadmium	106-1	4718	4801	4493	4670	3.42	cps
Cadmium	108-1	154	92	100	115	29.44	cps
Calcium	43-1	187243	194447	186494	189394	2.32	cps
Calcium	44-1	3110486	3229200	3039115	3126267	3.07	cps
Carbon	12-1	4985272	5060758	5110897	5052309	1.25	cps
Carbon	12-2	57538	55656	55220	56138	2.19	cps
Chlorine	35-1	622568	629094	628449	626704	0.57	cps
Chlorine	35-2	4518	4701	4426	4548	3.08	cps
Chromium	52-2	45646	45750	44797	45398	1.15	cps
Cobalt	59-2	34636	34081	32657	33791	3.02	cps
Copper	63-2	67014	64044	62905	64655	3.28	cps
Dysprosium	156-1	13933	14984	14341	14419	3.67	cps
Dysprosium	156-2	6418	6358	6068	6282	2.98	cps
Erbium	164-1	11972	12949	11539	12153	5.94	cps
Erbium	164-2	5721	5281	5561	5521	4.04	cps
Gadolinium	160-1	13249	13716	12231	13065	5.81	cps
Gadolinium	160-2	6618	6715	6565	6633	1.15	cps
Holmium	165-1	8585597	8591276	8457372	8544749	0.89	cps
Holmium	165-2	4310073	4162485	4405867	4292808	2.86	cps
Indium	115-1	7398061	7484961	7222423	7368482	1.82	cps
Indium	115-2	1184144	1182690	1214531	1193788	1.51	cps
Iron	54-2	2069323	2019031	2067896	2052083	1.40	cps
Iron	56-2	36125437	35520736	35690263	35778812	0.87	cps
Iron	57-2	904907	873695	867435	882013	2.28	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	O2028-01DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	TR-05-032123DUPDL	Dilution Factor :	5
Date & Time Acquired :	2023-03-24 14:23:21	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	394	385	427	402	5.58	cps
Lead	206-1	125040	124095	120361	123165	2.01	cps
Lead	207-1	103158	103231	99257	101882	2.23	cps
Lead	208-1	484207	493959	470829	482998	2.40	cps
Lithium	6-1	4238028	4168510	3988386	4131641	3.12	cps
Magnesium	24-2	753204	724127	710227	729186	3.01	cps
Manganese	55-2	351131	344643	342645	346139	1.28	cps
Molybdenum	94-1	31327	30885	30526	30913	1.30	cps
Molybdenum	95-1	1700	1742	1717	1720	1.22	cps
Molybdenum	96-1	7611	7544	7552	7569	0.48	cps
Molybdenum	97-1	1150	1117	1033	1100	5.46	cps
Molybdenum	98-1	2359	2492	2667	2506	6.17	cps
Neodymium	150-1	21705	21658	20837	21400	2.28	cps
Neodymium	150-2	7602	6962	6832	7132	5.78	cps
Nickel	60-2	19203	19390	18706	19100	1.85	cps
Phosphorus	31-2	2059	1508	1725	1764	15.71	cps
Potassium	39-2	142653	139859	139489	140667	1.23	cps
Rhodium	103-1	7484610	7440760	7234874	7386748	1.81	cps
Rhodium	103-2	3488222	3380369	3465083	3444558	1.65	cps
Scandium	45-1	6029719	6123527	5851941	6001729	2.30	cps
Scandium	45-2	196732	195489	200586	197602	1.34	cps
Selenium	82-1	107	59	9	58	84.65	cps
Selenium	77-2	30	33	13	26	41.94	cps
Selenium	78-2	92	81	88	87	6.40	cps
Silicon	28-1	3774750	3933059	3475160	3727657	6.24	cps
Silver	107-1	458	508	442	469	7.39	cps
Silver	109-1	317	408	250	325	24.46	cps
Sodium	23-2	231134	221728	223853	225571	2.19	cps
Strontium	86-1	66267	69801	66844	67637	2.80	cps
Strontium	88-1	581148	604780	561912	582613	3.69	cps
Sulfur	34-1	460976	462322	458740	460680	0.39	cps
Terbium	159-1	8792923	8980648	8555986	8776519	2.42	cps
Terbium	159-2	4141493	4142059	4302099	4195217	2.21	cps
Thallium	203-1	858	883	1017	920	9.26	cps
Thallium	205-1	1867	1867	1875	1870	0.26	cps
Tin	118-1	8244	8078	7994	8105	1.57	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	O2028-01DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	TR-05-032123DUPDL	Dilution Factor :	5
Date & Time Acquired :	2023-03-24 14:23:21	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	100847	101822	97718	100129	2.14	cps
Uranium	238-1	15093	16369	15802	15755	4.06	cps
Vanadium	51-2	43285	43295	43165	43249	0.17	cps
Ytterbium	172-1	3792	3759	4026	3859	3.77	cps
Ytterbium	172-2	1989	1939	2045	1991	2.65	cps
Ytterbium	176-1	4092	4117	4026	4079	1.16	cps
Ytterbium	176-2	9487	10382	10532	10134	5.58	cps
Yttrium	89-1	12165512	12455819	11825273	12148868	2.60	cps
Yttrium	89-2	1396920	1403063	1418338	1406107	0.78	cps
Zinc	66-2	20475	19467	19524	19822	2.86	cps
Zirconium	90-1	81555	86174	81682	83137	3.16	cps
Zirconium	91-1	17854	18863	18771	18496	3.02	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	O2028-01LX5	Instrumnet Name :	P8
Client Sample ID :	TR-05-032123L	Dilution Factor :	5
Date & Time Acquired :	2023-03-24 14:26:22	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	761747	743913	726569	744076	2.36	cps
Antimony	121-1	217	192	158	189	15.49	cps
Arsenic	75-2	1073	1177	1067	1106	5.59	cps
Barium	135-1	76013	76886	74784	75895	1.39	cps
Barium	137-1	128712	133611	124793	129038	3.42	cps
Beryllium	9-1	1735	1786	1654	1725	3.87	cps
Bismuth	209-1	5532513	5548265	5197928	5426235	3.65	cps
Bismuth	209-2	3147534	3252753	3157626	3185971	1.82	cps
Boron	10-1	5556	5666	5832	5685	2.44	cps
Boron	11-1	25010	26871	25711	25864	3.63	cps
Bromine	81-1	38629	39098	37142	38290	2.67	cps
Cadmium	111-1	594	573	558	575	3.17	cps
Cadmium	106-1	5034	5076	4884	4998	2.02	cps
Cadmium	108-1	150	121	121	131	12.89	cps
Calcium	43-1	177663	180527	175418	177870	1.44	cps
Calcium	44-1	2879392	2989884	2863019	2910765	2.37	cps
Carbon	12-1	5565742	5747828	5671976	5661848	1.62	cps
Carbon	12-2	61864	61437	61822	61708	0.38	cps
Chlorine	35-1	521155	517794	522598	520516	0.47	cps
Chlorine	35-2	4076	3634	3392	3701	9.37	cps
Chromium	52-2	43546	42343	41524	42471	2.40	cps
Cobalt	59-2	34699	34746	32808	34084	3.24	cps
Copper	63-2	65815	65256	62256	64442	2.97	cps
Dysprosium	156-1	14700	14684	14633	14672	0.24	cps
Dysprosium	156-2	6275	6172	6298	6248	1.08	cps
Erbium	164-1	11797	12406	11972	12059	2.60	cps
Erbium	164-2	5648	5485	5151	5428	4.67	cps
Gadolinium	160-1	12615	12998	12556	12723	1.89	cps
Gadolinium	160-2	6812	6498	6705	6672	2.39	cps
Holmium	165-1	8866265	9021567	8324626	8737486	4.19	cps
Holmium	165-2	4290345	4333107	4177742	4267065	1.88	cps
Indium	115-1	7511043	7755146	7279954	7515381	3.16	cps
Indium	115-2	1230539	1255749	1224704	1236998	1.33	cps
Iron	54-2	2050800	2001249	1926549	1992866	3.14	cps
Iron	56-2	36144058	36083337	35046230	35757875	1.73	cps
Iron	57-2	871914	866711	852508	863711	1.16	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	O2028-01LX5	Instrumnet Name :	P8
Client Sample ID :	TR-05-032123L	Dilution Factor :	5
Date & Time Acquired :	2023-03-24 14:26:22	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	402	406	405	405	0.47	cps
Lead	206-1	121517	121711	115927	119718	2.74	cps
Lead	207-1	99471	98522	94784	97593	2.54	cps
Lead	208-1	464341	468196	446680	459739	2.50	cps
Lithium	6-1	4208199	4218361	4052771	4159777	2.23	cps
Magnesium	24-2	758721	749152	717060	741644	2.94	cps
Manganese	55-2	361175	348969	341154	350433	2.88	cps
Molybdenum	94-1	31737	29365	30844	30649	3.91	cps
Molybdenum	95-1	1867	1875	1783	1842	2.75	cps
Molybdenum	96-1	7502	7102	7586	7397	3.49	cps
Molybdenum	97-1	1158	975	1050	1061	8.69	cps
Molybdenum	98-1	2925	2459	2575	2653	9.16	cps
Neodymium	150-1	20229	20389	19915	20178	1.20	cps
Neodymium	150-2	7309	7392	6942	7214	3.32	cps
Nickel	60-2	19998	19801	19100	19633	2.40	cps
Phosphorus	31-2	1633	1867	1617	1706	8.20	cps
Potassium	39-2	138032	139949	138225	138735	0.76	cps
Rhodium	103-1	7713533	7725497	7327932	7588987	2.98	cps
Rhodium	103-2	3591558	3665963	3501401	3586307	2.30	cps
Scandium	45-1	6219959	6098854	5814974	6044596	3.44	cps
Scandium	45-2	200738	206504	200091	202444	1.74	cps
Selenium	82-1	54	75	16	48	61.54	cps
Selenium	77-2	33	33	43	37	15.75	cps
Selenium	78-2	80	93	102	92	12.06	cps
Silicon	28-1	3900075	3522364	3434467	3618969	6.84	cps
Silver	107-1	425	408	392	408	4.08	cps
Silver	109-1	367	233	375	325	24.46	cps
Sodium	23-2	230933	228712	221787	227144	2.10	cps
Strontium	86-1	65261	65287	66643	65730	1.20	cps
Strontium	88-1	561137	576152	562951	566747	1.45	cps
Sulfur	34-1	461870	460141	458259	460090	0.39	cps
Terbium	159-1	9335464	9424640	8844745	9201616	3.39	cps
Terbium	159-2	4363852	4393360	4381279	4379497	0.34	cps
Thallium	203-1	967	658	742	789	20.22	cps
Thallium	205-1	1809	1775	1942	1842	4.79	cps
Tin	118-1	8795	8453	9491	8913	5.94	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	O2028-01LX5	Instrumnet Name :	P8
Client Sample ID :	TR-05-032123L	Dilution Factor :	5
Date & Time Acquired :	2023-03-24 14:26:22	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	102103	97389	96610	98701	3.01	cps
Uranium	238-1	16453	16144	15460	16019	3.17	cps
Vanadium	51-2	42513	42633	40912	42019	2.29	cps
Ytterbium	172-1	3459	3609	3717	3595	3.61	cps
Ytterbium	172-2	1967	2017	1745	1909	7.59	cps
Ytterbium	176-1	3876	4142	3642	3887	6.44	cps
Ytterbium	176-2	10543	10654	10504	10567	0.74	cps
Yttrium	89-1	12400277	12741257	12154345	12431960	2.37	cps
Yttrium	89-2	1435818	1458612	1456443	1450291	0.87	cps
Zinc	66-2	19964	19664	19337	19655	1.60	cps
Zirconium	90-1	82151	86578	82511	83747	2.94	cps
Zirconium	91-1	17787	18638	17436	17954	3.44	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	O2028-01LDLX25	Instrumnet Name :	P8
Client Sample ID :	TR-05-032123LDL	Dilution Factor :	25
Date & Time Acquired :	2023-03-24 14:29:20	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	146160	136840	137611	140204	3.69	cps
Antimony	121-1	150	58	83	97	48.73	cps
Arsenic	75-2	205	195	219	206	5.84	cps
Barium	135-1	14667	14283	13791	14247	3.08	cps
Barium	137-1	25416	25182	23922	24840	3.24	cps
Beryllium	9-1	364	379	387	377	3.19	cps
Bismuth	209-1	5321685	5447552	5427714	5398984	1.25	cps
Bismuth	209-2	3134071	3128197	3094747	3119005	0.68	cps
Boron	10-1	2774	2736	2810	2773	1.33	cps
Boron	11-1	12751	12385	12485	12540	1.51	cps
Bromine	81-1	37326	38378	37519	37741	1.49	cps
Cadmium	111-1	466	444	425	445	4.59	cps
Cadmium	106-1	4493	4276	4142	4304	4.11	cps
Cadmium	108-1	29	42	38	36	17.62	cps
Calcium	43-1	34650	33845	32586	33694	3.09	cps
Calcium	44-1	573774	565585	538077	559145	3.34	cps
Carbon	12-1	4580534	4576003	4682018	4612852	1.30	cps
Carbon	12-2	52168	50236	50362	50922	2.12	cps
Chlorine	35-1	555722	565771	556985	559492	0.98	cps
Chlorine	35-2	3967	3976	3709	3884	3.90	cps
Chromium	52-2	8836	8169	8376	8460	4.04	cps
Cobalt	59-2	6878	6485	6255	6539	4.82	cps
Copper	63-2	12676	13183	12209	12689	3.84	cps
Dysprosium	156-1	3009	2817	2842	2889	3.61	cps
Dysprosium	156-2	1110	1070	1247	1142	8.11	cps
Erbium	164-1	2559	2384	2192	2378	7.71	cps
Erbium	164-2	1063	973	1003	1013	4.52	cps
Gadolinium	160-1	2417	2709	2359	2495	7.52	cps
Gadolinium	160-2	1393	1433	1353	1393	2.87	cps
Holmium	165-1	8503207	8634163	8882147	8673172	2.22	cps
Holmium	165-2	4232381	4214039	4179238	4208553	0.64	cps
Indium	115-1	7454358	7621304	7694948	7590203	1.62	cps
Indium	115-2	1177728	1190656	1194585	1187656	0.74	cps
Iron	54-2	366610	356031	355232	359291	1.77	cps
Iron	56-2	6967874	6821828	6916746	6902149	1.07	cps
Iron	57-2	168129	161870	165773	165258	1.91	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	O2028-01LDLX25	Instrumnet Name :	P8
Client Sample ID :	TR-05-032123LDL	Dilution Factor :	25
Date & Time Acquired :	2023-03-24 14:29:20	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	371	386	379	379	1.98	cps
Lead	206-1	23561	22809	22381	22917	2.61	cps
Lead	207-1	19287	19615	18013	18972	4.46	cps
Lead	208-1	90558	90709	85060	88776	3.63	cps
Lithium	6-1	4043621	4136072	4274336	4151343	2.80	cps
Magnesium	24-2	143379	139794	134848	139340	3.07	cps
Manganese	55-2	67395	66732	65865	66664	1.15	cps
Molybdenum	94-1	6435	5768	5701	5968	6.80	cps
Molybdenum	95-1	550	467	400	472	15.91	cps
Molybdenum	96-1	1550	1542	1475	1522	2.70	cps
Molybdenum	97-1	250	325	192	256	26.16	cps
Molybdenum	98-1	717	708	658	694	4.54	cps
Neodymium	150-1	3961	3921	3947	3943	0.52	cps
Neodymium	150-2	1400	1413	1300	1371	4.52	cps
Nickel	60-2	3774	3787	3914	3825	2.02	cps
Phosphorus	31-2	367	508	300	392	27.17	cps
Potassium	39-2	50455	49033	47964	49151	2.54	cps
Rhodium	103-1	7431654	7443789	7890955	7588799	3.45	cps
Rhodium	103-2	3376449	3343788	3502731	3407656	2.46	cps
Scandium	45-1	5985397	5957286	6266428	6069704	2.82	cps
Scandium	45-2	194471	190901	190353	191908	1.17	cps
Selenium	82-1	10	19	-38	-3	-1037.76	cps
Selenium	77-2	0	3	13	6	124.93	cps
Selenium	78-2	69	55	61	62	11.39	cps
Silicon	28-1	1395830	1346183	1314119	1352044	3.05	cps
Silver	107-1	142	242	217	200	26.02	cps
Silver	109-1	125	133	67	108	33.53	cps
Sodium	23-2	66594	64309	63999	64967	2.18	cps
Strontium	86-1	13832	13198	11980	13004	7.24	cps
Strontium	88-1	112167	107809	104727	108234	3.45	cps
Sulfur	34-1	443764	449174	439336	444091	1.11	cps
Terbium	159-1	8795443	8891509	9145418	8944123	2.02	cps
Terbium	159-2	4196896	4202608	4266259	4221921	0.91	cps
Thallium	203-1	375	275	283	311	17.84	cps
Thallium	205-1	800	808	642	750	12.52	cps
Tin	118-1	2559	2500	2200	2420	7.95	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	O2028-01LDLX25	Instrumnet Name :	P8
Client Sample ID :	TR-05-032123LDL	Dilution Factor :	25
Date & Time Acquired :	2023-03-24 14:29:20	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	19981	19406	18028	19138	5.24	cps
Uranium	238-1	2842	2950	2942	2912	2.07	cps
Vanadium	51-2	7842	7882	7659	7794	1.53	cps
Ytterbium	172-1	650	708	742	700	6.63	cps
Ytterbium	172-2	417	439	394	417	5.33	cps
Ytterbium	176-1	1925	1925	1825	1892	3.05	cps
Ytterbium	176-2	9131	9142	9281	9185	0.91	cps
Yttrium	89-1	12387267	12154723	12476410	12339467	1.35	cps
Yttrium	89-2	1334392	1338134	1374341	1348956	1.64	cps
Zinc	66-2	4137	3984	3761	3961	4.78	cps
Zirconium	90-1	16944	16310	15559	16271	4.26	cps
Zirconium	91-1	3484	3367	3367	3406	1.98	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	O2028-01MS	Instrumnet Name :	P8
Client Sample ID :	TR-05-032123MS	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 14:32:24	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4855994	4829983	4808801	4831593	0.49	cps
Antimony	121-1	1413442	1516179	1428249	1452623	3.82	cps
Arsenic	75-2	107985	106679	104649	106437	1.58	cps
Barium	135-1	3985147	4008257	3910324	3967909	1.29	cps
Barium	137-1	6707282	6872981	6537245	6705836	2.50	cps
Beryllium	9-1	1395189	1431688	1400811	1409229	1.39	cps
Bismuth	209-1	6501163	6662660	6452380	6538734	1.68	cps
Bismuth	209-2	3615305	3621258	3677889	3638151	0.95	cps
Boron	10-1	149423	161898	163136	158152	4.80	cps
Boron	11-1	655353	712802	723020	697058	5.23	cps
Bromine	81-1	37710	37844	39315	38290	2.33	cps
Cadmium	111-1	812686	834783	813048	820172	1.54	cps
Cadmium	106-1	103337	107149	103365	104617	2.10	cps
Cadmium	108-1	64772	67343	66485	66200	1.98	cps
Calcium	43-1	2087573	2225326	2164809	2159236	3.20	cps
Calcium	44-1	34890470	35013893	35126613	35010325	0.34	cps
Carbon	12-1	7656064	8140745	8174836	7990548	3.63	cps
Carbon	12-2	92197	94956	95300	94151	1.81	cps
Chlorine	35-1	781249	818488	833360	811033	3.31	cps
Chlorine	35-2	5901	6202	6118	6074	2.55	cps
Chromium	52-2	1171018	1149882	1152602	1157834	0.99	cps
Cobalt	59-2	1955152	1908886	1917222	1927087	1.28	cps
Copper	63-2	13709674	13879294	13525701	13704890	1.29	cps
Dysprosium	156-1	88335	86790	84475	86533	2.24	cps
Dysprosium	156-2	36721	36691	36868	36760	0.26	cps
Erbium	164-1	70437	72792	71023	71418	1.72	cps
Erbium	164-2	30508	31979	30806	31098	2.50	cps
Gadolinium	160-1	78675	80083	75615	78124	2.92	cps
Gadolinium	160-2	39325	38863	39087	39092	0.59	cps
Holmium	165-1	11075529	10977204	10696463	10916398	1.80	cps
Holmium	165-2	5172328	5184796	5147576	5168233	0.37	cps
Indium	115-1	9101007	9267986	8834928	9067973	2.41	cps
Indium	115-2	1418088	1425081	1419804	1420991	0.26	cps
Iron	54-2	13077023	13152275	13070172	13099823	0.35	cps
Iron	56-2	237096350	238478361	234220994	236598568	0.92	cps
Iron	57-2	5950500	6060449	5834341	5948430	1.90	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	O2028-01MS	Instrumnet Name :	P8
Client Sample ID :	TR-05-032123MS	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 14:32:24	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	542	524	506	524	3.46	cps
Lead	206-1	9833255	9951093	9737574	9840641	1.09	cps
Lead	207-1	8518566	8513084	8226713	8419454	1.98	cps
Lead	208-1	39917224	39311064	38406808	39211699	1.94	cps
Lithium	6-1	4895700	5242748	4973273	5037241	3.62	cps
Magnesium	24-2	13359207	13208741	13175932	13247960	0.74	cps
Manganese	55-2	7009167	7121196	7002231	7044198	0.95	cps
Molybdenum	94-1	5970932	5964703	5907752	5947796	0.59	cps
Molybdenum	95-1	6713917	6682083	6446336	6614112	2.21	cps
Molybdenum	96-1	7599618	7701274	7324019	7541637	2.59	cps
Molybdenum	97-1	4102849	4124665	3978756	4068757	1.93	cps
Molybdenum	98-1	10266954	10734702	10437549	10479735	2.26	cps
Neodymium	150-1	127064	128411	123592	126355	1.97	cps
Neodymium	150-2	42568	43059	42919	42848	0.59	cps
Nickel	60-2	556124	550459	538106	548230	1.68	cps
Phosphorus	31-2	9587	9470	9028	9362	3.15	cps
Potassium	39-2	3242398	3191156	3137615	3190390	1.64	cps
Rhodium	103-1	8794152	9167789	8688360	8883434	2.84	cps
Rhodium	103-2	4125691	4043516	3998918	4056042	1.59	cps
Scandium	45-1	7648258	7684748	7656833	7663280	0.25	cps
Scandium	45-2	248092	241235	243226	244184	1.44	cps
Selenium	82-1	80823	83783	81506	82037	1.89	cps
Selenium	77-2	2880	2704	2964	2849	4.66	cps
Selenium	78-2	8948	9035	8988	8990	0.48	cps
Silicon	28-1	20269207	19290829	23224346	20928127	9.79	cps
Silver	107-1	3280038	3176605	3584166	3346936	6.33	cps
Silver	109-1	4173722	2417742	4216169	3602544	28.49	cps
Sodium	23-2	17355696	17662414	17274910	17431007	1.17	cps
Strontium	86-1	1513882	1508960	1401527	1474790	4.31	cps
Strontium	88-1	12735241	12707630	12145297	12529389	2.66	cps
Sulfur	34-1	516236	521476	523001	520237	0.68	cps
Terbium	159-1	11567553	11192066	11024467	11261362	2.47	cps
Terbium	159-2	5039943	5172592	5123941	5112158	1.31	cps
Thallium	203-1	2669925	2783537	2605169	2686211	3.36	cps
Thallium	205-1	6278733	6567519	6287699	6377984	2.57	cps
Tin	118-1	2450065	2475511	2480999	2468858	0.67	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	O2028-01MS	Instrumnet Name :	P8
Client Sample ID :	TR-05-032123MS	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 14:32:24	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3186838	2900856	2794594	2960763	6.85	cps
Uranium	238-1	8719016	8789803	8644449	8717756	0.83	cps
Vanadium	51-2	1014099	1008095	992366	1004853	1.12	cps
Ytterbium	172-1	20667	22010	20341	21006	4.21	cps
Ytterbium	172-2	11233	11122	11172	11175	0.50	cps
Ytterbium	176-1	22319	23438	21994	22584	3.35	cps
Ytterbium	176-2	21023	20856	21112	20997	0.62	cps
Yttrium	89-1	16958634	16777174	15949511	16561773	3.25	cps
Yttrium	89-2	1834134	1802510	1857726	1831457	1.51	cps
Zinc	66-2	116811	115911	114308	115677	1.10	cps
Zirconium	90-1	6253370	6362506	6037315	6217730	2.66	cps
Zirconium	91-1	1402591	1412733	1362613	1392646	1.90	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	CCV04	Instrumnet Name :	P8
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 14:43:40	DataFile Name :	032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2649863	2655727	2521763	2609118	2.90	cps
Antimony	121-1	2127481	2226884	2264973	2206446	3.22	cps
Arsenic	75-2	76885	76033	74649	75856	1.49	cps
Barium	135-1	2738756	2832152	2842939	2804616	2.04	cps
Barium	137-1	4656078	4834687	4714787	4735184	1.92	cps
Beryllium	9-1	1022052	1047515	1051595	1040387	1.54	cps
Bismuth	209-1	5058145	4954930	5044933	5019336	1.12	cps
Bismuth	209-2	2999975	2943955	2852750	2932227	2.53	cps
Boron	10-1	241212	259528	269050	256597	5.51	cps
Boron	11-1	1009129	1095091	1085900	1063374	4.44	cps
Bromine	81-1	35204	37643	35187	36012	3.92	cps
Cadmium	111-1	562716	574845	586554	574705	2.07	cps
Cadmium	106-1	73689	76581	74167	74812	2.07	cps
Cadmium	108-1	49092	51446	49568	50035	2.49	cps
Calcium	43-1	4399227	4750668	4648656	4599517	3.93	cps
Calcium	44-1	73655963	76221065	76466779	75447936	2.06	cps
Carbon	12-1	5802441	6011907	6045477	5953275	2.21	cps
Carbon	12-2	73409	72077	68535	71340	3.53	cps
Chlorine	35-1	377226	374925	374773	375641	0.37	cps
Chlorine	35-2	2584	2492	2642	2573	2.94	cps
Chromium	52-2	769324	772119	739432	760292	2.38	cps
Cobalt	59-2	1504075	1445279	1378589	1442647	4.35	cps
Copper	63-2	11342460	11051194	10711136	11034930	2.86	cps
Dysprosium	156-1	592	567	483	547	10.37	cps
Dysprosium	156-2	263	270	290	274	5.06	cps
Erbium	164-1	117	125	100	114	11.18	cps
Erbium	164-2	50	57	47	51	9.96	cps
Gadolinium	160-1	725	508	550	594	19.34	cps
Gadolinium	160-2	473	453	397	441	9.02	cps
Holmium	165-1	8694866	8667499	8651165	8671176	0.25	cps
Holmium	165-2	4336875	4277470	4198430	4270925	1.63	cps
Indium	115-1	7152895	7172428	7414046	7246456	2.01	cps
Indium	115-2	1207263	1139291	1148677	1165077	3.16	cps
Iron	54-2	8939150	8766844	8507873	8737956	2.48	cps
Iron	56-2	158796709	159303826	151666265	156588933	2.73	cps
Iron	57-2	4081576	4052025	3924276	4019293	2.08	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	CCV04	Instrumnet Name :	P8
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 14:43:40	DataFile Name :	032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	375	395	380	383	2.72	cps
Lead	206-1	9094513	9055069	9119929	9089837	0.36	cps
Lead	207-1	7914504	8013020	7950362	7959295	0.63	cps
Lead	208-1	36212008	36596714	36497711	36435478	0.55	cps
Lithium	6-1	4126170	4169250	3997724	4097715	2.18	cps
Magnesium	24-2	35882427	35539224	33968713	35130121	2.90	cps
Manganese	55-2	4283755	4186592	3978380	4149576	3.76	cps
Molybdenum	94-1	9232526	9487300	9916066	9545297	3.62	cps
Molybdenum	95-1	13523692	14127759	14221813	13957755	2.71	cps
Molybdenum	96-1	14996813	15555138	15159642	15237198	1.88	cps
Molybdenum	97-1	8485334	8668280	8741506	8631707	1.53	cps
Molybdenum	98-1	21622700	23039170	22951240	22537703	3.52	cps
Neodymium	150-1	360	413	420	398	8.27	cps
Neodymium	150-2	30	33	33	32	5.97	cps
Nickel	60-2	378552	376498	365905	373652	1.82	cps
Phosphorus	31-2	30700	31243	29022	30321	3.82	cps
Potassium	39-2	12200109	12038876	11801908	12013631	1.67	cps
Rhodium	103-1	6970693	6992293	7048775	7003920	0.58	cps
Rhodium	103-2	3372440	3211327	3248363	3277377	2.57	cps
Scandium	45-1	5977117	5960177	5966436	5967910	0.14	cps
Scandium	45-2	198862	193848	195829	196179	1.29	cps
Selenium	82-1	58421	61426	61545	60464	2.93	cps
Selenium	77-2	2034	1920	2027	1993	3.19	cps
Selenium	78-2	6694	6647	6293	6545	3.35	cps
Silicon	28-1	20729772	22080839	21846357	21552323	3.35	cps
Silver	107-1	3142888	3253631	3362897	3253139	3.38	cps
Silver	109-1	3019304	3156294	3054148	3076582	2.31	cps
Sodium	23-2	64770531	63740566	61800747	63437281	2.38	cps
Strontium	86-1	20558754	21482758	21491198	21177570	2.53	cps
Strontium	88-1	177939333	183474717	187789738	183067929	2.70	cps
Sulfur	34-1	867279	872873	866643	868932	0.39	cps
Terbium	159-1	9006287	9123206	8949515	9026336	0.98	cps
Terbium	159-2	4327391	4176585	4131456	4211811	2.44	cps
Thallium	203-1	2119567	2207538	2266235	2197780	3.36	cps
Thallium	205-1	5196702	5196817	5127749	5173756	0.77	cps
Tin	118-1	1973987	2097364	2050906	2040752	3.05	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	CCV04	Instrumnet Name :	P8
Client Sample ID :	CCV04	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 14:43:40	DataFile Name :	032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4496255	4607164	4559058	4554159	1.22	cps
Uranium	238-1	6778998	7188664	7171996	7046553	3.29	cps
Vanadium	51-2	620909	615305	605236	613817	1.29	cps
Ytterbium	172-1	342	283	308	311	9.41	cps
Ytterbium	172-2	150	156	83	130	31.00	cps
Ytterbium	176-1	9862	11238	11314	10805	7.56	cps
Ytterbium	176-2	12929	13123	13257	13103	1.26	cps
Yttrium	89-1	11796359	12042505	12205511	12014792	1.71	cps
Yttrium	89-2	1438064	1414231	1402063	1418119	1.29	cps
Zinc	66-2	1298861	1283417	1247113	1276464	2.08	cps
Zirconium	90-1	4561720	4827061	4928738	4772506	3.97	cps
Zirconium	91-1	996150	1036202	1061797	1031383	3.21	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	CCB04	Instrumnet Name :	P8
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 14:50:08	DataFile Name :	033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	151	145	136	144	5.23	cps
Antimony	121-1	575	508	658	581	12.95	cps
Arsenic	75-2	6	3	5	5	32.73	cps
Barium	135-1	258	117	150	175	42.32	cps
Barium	137-1	217	150	167	178	19.52	cps
Beryllium	9-1	262	236	195	231	14.71	cps
Bismuth	209-1	5463305	5510662	5552507	5508824	0.81	cps
Bismuth	209-2	3259396	3287702	3229652	3258917	0.89	cps
Boron	10-1	8673	8701	8255	8543	2.93	cps
Boron	11-1	39172	37272	37027	37824	3.10	cps
Bromine	81-1	36156	36440	35496	36031	1.34	cps
Cadmium	111-1	435	440	450	442	1.83	cps
Cadmium	106-1	4076	4101	4317	4165	3.19	cps
Cadmium	108-1	21	29	21	24	20.39	cps
Calcium	43-1	341	354	279	325	12.38	cps
Calcium	44-1	18530	17726	17476	17911	3.07	cps
Carbon	12-1	5142101	5308512	5339479	5263364	2.02	cps
Carbon	12-2	59588	58475	60056	59373	1.37	cps
Chlorine	35-1	304780	310615	304157	306517	1.16	cps
Chlorine	35-2	2075	2225	2150	2150	3.49	cps
Chromium	52-2	643	830	687	720	13.57	cps
Cobalt	59-2	97	90	103	97	6.89	cps
Copper	63-2	1640	1740	1670	1683	3.05	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	42	67	83	64	32.83	cps
Erbium	164-2	40	13	33	29	48.05	cps
Gadolinium	160-1	83	42	100	75	40.06	cps
Gadolinium	160-2	137	107	127	123	12.39	cps
Holmium	165-1	8397212	8424941	8276585	8366246	0.94	cps
Holmium	165-2	4419665	4353518	4258112	4343765	1.87	cps
Indium	115-1	7552276	7318186	7565396	7478619	1.86	cps
Indium	115-2	1267684	1224470	1228251	1240135	1.93	cps
Iron	54-2	933	878	883	898	3.41	cps
Iron	56-2	7230	6624	6963	6939	4.38	cps
Iron	57-2	222	261	278	254	11.24	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	CCB04	Instrumnet Name :	P8
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 14:50:08	DataFile Name :	033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	356	364	352	357	1.60	cps
Lead	206-1	950	883	850	894	5.69	cps
Lead	207-1	950	872	639	820	19.74	cps
Lead	208-1	3939	3623	3095	3552	12.01	cps
Lithium	6-1	4128299	4053522	4168906	4116909	1.42	cps
Magnesium	24-2	1242	1250	983	1158	13.09	cps
Manganese	55-2	167	137	147	150	10.18	cps
Molybdenum	94-1	783	625	825	744	14.17	cps
Molybdenum	95-1	1217	758	733	903	30.14	cps
Molybdenum	96-1	1308	800	883	997	27.34	cps
Molybdenum	97-1	592	550	508	550	7.58	cps
Molybdenum	98-1	1650	1225	1150	1342	20.10	cps
Neodymium	150-1	0	13	13	9	86.60	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	47	27	43	39	27.55	cps
Phosphorus	31-2	142	183	133	153	17.53	cps
Potassium	39-2	30358	29564	29664	29862	1.45	cps
Rhodium	103-1	7250740	7226847	7346486	7274691	0.87	cps
Rhodium	103-2	3634212	3596441	3633145	3621266	0.59	cps
Scandium	45-1	5773487	5746302	5825822	5781870	0.70	cps
Scandium	45-2	207643	203569	194930	202047	3.21	cps
Selenium	82-1	43	18	44	35	42.82	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	65	63	69	66	4.65	cps
Silicon	28-1	869750	880470	867988	872736	0.77	cps
Silver	107-1	725	758	692	725	4.60	cps
Silver	109-1	558	650	817	675	19.40	cps
Sodium	23-2	32879	33840	33464	33394	1.45	cps
Strontium	86-1	1475	1275	1067	1272	16.05	cps
Strontium	88-1	9170	6369	4876	6805	32.04	cps
Sulfur	34-1	463949	458929	460364	461080	0.56	cps
Terbium	159-1	8564146	8709894	8775026	8683022	1.24	cps
Terbium	159-2	4564732	4277171	4310639	4384181	3.59	cps
Thallium	203-1	442	400	442	428	5.62	cps
Thallium	205-1	1017	983	883	961	7.22	cps
Tin	118-1	558	467	433	486	13.32	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	CCB04	Instrumnet Name :	P8
Client Sample ID :	CCB04	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 14:50:08	DataFile Name :	033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	542	392	300	411	29.68	cps
Uranium	238-1	300	258	233	264	12.76	cps
Vanadium	51-2	30	13	17	20	44.10	cps
Ytterbium	172-1	50	42	50	47	10.18	cps
Ytterbium	172-2	17	11	28	19	45.83	cps
Ytterbium	176-1	1358	1242	1367	1322	5.29	cps
Ytterbium	176-2	9087	9159	8931	9059	1.29	cps
Yttrium	89-1	11940945	11959135	11845289	11915123	0.51	cps
Yttrium	89-2	1485258	1439544	1370053	1431618	4.05	cps
Zinc	66-2	150	80	110	113	30.99	cps
Zirconium	90-1	608	700	625	644	7.58	cps
Zirconium	91-1	117	117	58	97	34.64	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	O2028-01MSDLX5	Instrumnet Name :	P8
Client Sample ID :	TR-05-032123MSDL	Dilution Factor :	5
Date & Time Acquired :	2023-03-24 14:54:51	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	820652	804829	793925	806468	1.67	cps
Antimony	121-1	251009	260187	254903	255367	1.80	cps
Arsenic	75-2	17849	17708	17214	17590	1.89	cps
Barium	135-1	619447	630527	626255	625410	0.89	cps
Barium	137-1	1057951	1100519	1088678	1082382	2.03	cps
Beryllium	9-1	219158	224776	223959	222631	1.36	cps
Bismuth	209-1	5610476	5541425	5469246	5540382	1.27	cps
Bismuth	209-2	3252241	3302939	3231781	3262320	1.12	cps
Boron	10-1	28979	31996	33095	31357	6.80	cps
Boron	11-1	132525	140655	147522	140234	5.35	cps
Bromine	81-1	36583	36608	36741	36644	0.23	cps
Cadmium	111-1	131845	133884	135633	133787	1.42	cps
Cadmium	106-1	20574	20432	20608	20538	0.45	cps
Cadmium	108-1	11025	10708	10875	10870	1.46	cps
Calcium	43-1	338110	344814	348163	343696	1.49	cps
Calcium	44-1	5496538	5676469	5725855	5632954	2.14	cps
Carbon	12-1	5009349	5018362	4982644	5003452	0.37	cps
Carbon	12-2	57790	57538	56811	57379	0.89	cps
Chlorine	35-1	452703	474824	477333	468287	2.89	cps
Chlorine	35-2	3976	3526	3609	3703	6.47	cps
Chromium	52-2	202117	203601	197882	201200	1.48	cps
Cobalt	59-2	324781	315700	313499	317993	1.88	cps
Copper	63-2	2499129	2365875	2410565	2425190	2.80	cps
Dysprosium	156-1	13299	14074	14458	13944	4.24	cps
Dysprosium	156-2	6088	6192	6101	6127	0.92	cps
Erbium	164-1	10605	11631	11756	11330	5.57	cps
Erbium	164-2	5491	5505	5198	5398	3.21	cps
Gadolinium	160-1	11822	12790	12706	12439	4.31	cps
Gadolinium	160-2	6388	6605	6762	6585	2.85	cps
Holmium	165-1	8994725	8729467	9076609	8933600	2.03	cps
Holmium	165-2	4419850	4414788	4358376	4397671	0.78	cps
Indium	115-1	7957953	7656065	7795235	7803084	1.94	cps
Indium	115-2	1282241	1263994	1272400	1272878	0.72	cps
Iron	54-2	2356289	2288433	2238841	2294521	2.57	cps
Iron	56-2	42291888	40165884	39485013	40647595	3.60	cps
Iron	57-2	1008833	983466	978787	990362	1.63	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	O2028-01MSDLX5	Instrumnet Name :	P8
Client Sample ID :	TR-05-032123MSDL	Dilution Factor :	5
Date & Time Acquired :	2023-03-24 14:54:51	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	399	380	375	385	3.26	cps
Lead	206-1	1488253	1515350	1522520	1508708	1.20	cps
Lead	207-1	1275019	1341129	1326775	1314308	2.65	cps
Lead	208-1	6163051	6380009	6240432	6261164	1.76	cps
Lithium	6-1	4236629	4254210	4204599	4231813	0.59	cps
Magnesium	24-2	2357378	2273836	2205883	2279032	3.33	cps
Manganese	55-2	1199413	1172975	1121572	1164654	3.40	cps
Molybdenum	94-1	928383	956042	966893	950439	2.09	cps
Molybdenum	95-1	1010866	1068546	1044053	1041155	2.78	cps
Molybdenum	96-1	1180069	1199020	1185630	1188240	0.82	cps
Molybdenum	97-1	645669	665576	655014	655420	1.52	cps
Molybdenum	98-1	1641972	1701468	1661686	1668376	1.82	cps
Neodymium	150-1	20082	19882	20429	20131	1.38	cps
Neodymium	150-2	7329	6889	7072	7096	3.12	cps
Nickel	60-2	99486	95102	94579	96389	2.80	cps
Phosphorus	31-2	1533	1800	1725	1686	8.16	cps
Potassium	39-2	552003	546009	554073	550695	0.76	cps
Rhodium	103-1	7681475	7490310	7586021	7585935	1.26	cps
Rhodium	103-2	3674241	3557375	3579779	3603798	1.72	cps
Scandium	45-1	6179567	6169785	6178262	6175872	0.09	cps
Scandium	45-2	210023	201927	211872	207941	2.54	cps
Selenium	82-1	12449	12901	12862	12737	1.96	cps
Selenium	77-2	447	487	417	450	7.80	cps
Selenium	78-2	1487	1512	1402	1467	3.93	cps
Silicon	28-1	3529434	3684058	4386773	3866755	11.82	cps
Silver	107-1	766165	786120	782765	778350	1.37	cps
Silver	109-1	735361	735705	721042	730702	1.15	cps
Sodium	23-2	3083530	2911911	2903507	2966316	3.43	cps
Strontium	86-1	229577	236011	232547	232712	1.38	cps
Strontium	88-1	1964394	2045330	2055927	2021884	2.48	cps
Sulfur	34-1	468508	474008	469976	470831	0.60	cps
Terbium	159-1	9224602	9249679	9154121	9209468	0.54	cps
Terbium	159-2	4308650	4343614	4442813	4365026	1.59	cps
Thallium	203-1	408272	431834	421021	420375	2.81	cps
Thallium	205-1	958856	1014343	1009511	994237	3.09	cps
Tin	118-1	391815	397604	391015	393478	0.91	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	O2028-01MSDLX5	Instrumnet Name :	P8
Client Sample ID :	TR-05-032123MSDL	Dilution Factor :	5
Date & Time Acquired :	2023-03-24 14:54:51	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	432503	443884	474789	450392	4.86	cps
Uranium	238-1	1349975	1399474	1377297	1375582	1.80	cps
Vanadium	51-2	171735	168571	165961	168755	1.71	cps
Ytterbium	172-1	3259	3642	3601	3501	6.01	cps
Ytterbium	172-2	1884	1889	1972	1915	2.60	cps
Ytterbium	176-1	4459	4493	4601	4518	1.64	cps
Ytterbium	176-2	11199	11122	11166	11162	0.35	cps
Yttrium	89-1	12800680	12806617	12741273	12782857	0.28	cps
Yttrium	89-2	1542047	1491625	1509533	1514401	1.69	cps
Zinc	66-2	20412	19236	19630	19759	3.03	cps
Zirconium	90-1	966722	978796	983905	976474	0.90	cps
Zirconium	91-1	216503	216964	218343	217270	0.44	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	O2028-01MSD	Instrumnet Name :	P8
Client Sample ID :	TR-05-032123MSD	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 14:57:46	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5713414	5654253	5639889	5669186	0.69	cps
Antimony	121-1	1324059	1370537	1319741	1338112	2.10	cps
Arsenic	75-2	112315	111178	108442	110645	1.80	cps
Barium	135-1	3995404	4050930	3971464	4005933	1.02	cps
Barium	137-1	6831346	6899519	6512177	6747681	3.06	cps
Beryllium	9-1	1395703	1374174	1412589	1394156	1.38	cps
Bismuth	209-1	6777856	6393433	6278237	6483175	4.04	cps
Bismuth	209-2	3676667	3670793	3805875	3717778	2.05	cps
Boron	10-1	159018	162617	168182	163272	2.83	cps
Boron	11-1	687160	734118	746130	722469	4.31	cps
Bromine	81-1	36607	38913	40000	38507	4.50	cps
Cadmium	111-1	781437	814514	801984	799312	2.09	cps
Cadmium	106-1	103078	102212	103430	102907	0.61	cps
Cadmium	108-1	64676	64798	65668	65048	0.83	cps
Calcium	43-1	2200116	2193622	2102881	2165539	2.51	cps
Calcium	44-1	35006784	35074547	35032197	35037843	0.10	cps
Carbon	12-1	8238853	8605270	8823097	8555740	3.45	cps
Carbon	12-2	101248	98303	96684	98745	2.34	cps
Chlorine	35-1	796994	852970	873434	841133	4.70	cps
Chlorine	35-2	5960	6693	6602	6418	6.23	cps
Chromium	52-2	1274939	1267582	1236557	1259693	1.62	cps
Cobalt	59-2	2046675	2015370	1952702	2004916	2.39	cps
Copper	63-2	14142516	13634107	13818080	13864901	1.86	cps
Dysprosium	156-1	99008	97439	97858	98102	0.83	cps
Dysprosium	156-2	42882	44086	42187	43052	2.23	cps
Erbium	164-1	80804	81082	80821	80902	0.19	cps
Erbium	164-2	37546	37667	36634	37282	1.52	cps
Gadolinium	160-1	85198	85995	86245	85813	0.64	cps
Gadolinium	160-2	45698	46136	44979	45605	1.28	cps
Holmium	165-1	11421675	10691561	10806165	10973134	3.58	cps
Holmium	165-2	5268232	5496098	5262321	5342217	2.50	cps
Indium	115-1	9712653	9424696	9073147	9403499	3.41	cps
Indium	115-2	1483856	1552547	1505578	1513994	2.32	cps
Iron	54-2	15959755	15520170	15383065	15620996	1.93	cps
Iron	56-2	285143367	281549145	274860445	280517653	1.86	cps
Iron	57-2	7181738	7168734	6980696	7110389	1.58	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	O2028-01MSD	Instrumnet Name :	P8
Client Sample ID :	TR-05-032123MSD	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 14:57:46	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	567	509	521	532	5.81	cps
Lead	206-1	9545457	9588021	9496115	9543198	0.48	cps
Lead	207-1	8272611	8204589	8247225	8241475	0.42	cps
Lead	208-1	38095920	37771678	37671916	37846505	0.59	cps
Lithium	6-1	5285171	5306758	5027976	5206635	2.98	cps
Magnesium	24-2	14306430	13740139	13673303	13906624	2.50	cps
Manganese	55-2	7239639	7156585	7017824	7138016	1.57	cps
Molybdenum	94-1	5741280	5900329	5843839	5828483	1.38	cps
Molybdenum	95-1	6463155	6583196	6637569	6561307	1.36	cps
Molybdenum	96-1	7420799	7490493	7337498	7416263	1.03	cps
Molybdenum	97-1	4061986	4119575	4039066	4073542	1.02	cps
Molybdenum	98-1	10101069	10527200	10403079	10343783	2.12	cps
Neodymium	150-1	140982	141021	137714	139906	1.36	cps
Neodymium	150-2	50103	50164	48798	49689	1.55	cps
Nickel	60-2	581634	576076	566891	574867	1.30	cps
Phosphorus	31-2	11680	11271	11547	11499	1.81	cps
Potassium	39-2	3399657	3256305	3288205	3314722	2.27	cps
Rhodium	103-1	9447186	9085034	8946945	9159722	2.82	cps
Rhodium	103-2	4169361	4149232	4191677	4170090	0.51	cps
Scandium	45-1	8277308	7962298	7794626	8011411	3.06	cps
Scandium	45-2	260078	255457	258038	257858	0.90	cps
Selenium	82-1	79750	82351	81236	81112	1.61	cps
Selenium	77-2	2854	2887	2957	2899	1.82	cps
Selenium	78-2	9168	9211	8887	9089	1.94	cps
Silicon	28-1	19630452	19331751	21531399	20164534	5.92	cps
Silver	107-1	3199154	2639832	2734337	2857775	10.48	cps
Silver	109-1	3913437	3015126	2979740	3302768	16.02	cps
Sodium	23-2	18396853	17510530	17800297	17902560	2.52	cps
Strontium	86-1	1444354	1541490	1463746	1483196	3.47	cps
Strontium	88-1	12648678	12745890	12512056	12635542	0.93	cps
Sulfur	34-1	529020	532772	538651	533481	0.91	cps
Terbium	159-1	11734861	11183235	11195275	11371124	2.77	cps
Terbium	159-2	5287229	5366884	5307430	5320514	0.78	cps
Thallium	203-1	2680339	2718396	2645882	2681539	1.35	cps
Thallium	205-1	6042348	6220336	6045796	6102827	1.67	cps
Tin	118-1	2303442	2475511	2319343	2366099	4.02	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	O2028-01MSD	Instrumnet Name :	P8
Client Sample ID :	TR-05-032123MSD	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 14:57:46	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2767483	2781217	2962229	2836976	3.83	cps
Uranium	238-1	8514622	8518738	8552130	8528497	0.24	cps
Vanadium	51-2	1113049	1105671	1062036	1093585	2.52	cps
Ytterbium	172-1	23647	25533	24340	24507	3.89	cps
Ytterbium	172-2	12856	13513	12495	12955	3.98	cps
Ytterbium	176-1	23146	24039	23480	23555	1.92	cps
Ytterbium	176-2	23159	22481	22837	22826	1.49	cps
Yttrium	89-1	17216128	17002646	16521653	16913476	2.10	cps
Yttrium	89-2	1915183	1862794	1888430	1888803	1.39	cps
Zinc	66-2	144497	141769	139130	141799	1.89	cps
Zirconium	90-1	5955498	6116882	6105574	6059318	1.49	cps
Zirconium	91-1	1301676	1379465	1377884	1353008	3.29	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	O2028-01MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	TR-05-032123MSDDL	Dilution Factor :	5
Date & Time Acquired :	2023-03-24 15:00:37	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	921132	898111	887565	902269	1.90	cps
Antimony	121-1	232161	235467	230814	232814	1.03	cps
Arsenic	75-2	17773	17136	16599	17169	3.42	cps
Barium	135-1	604481	614811	608240	609177	0.86	cps
Barium	137-1	1062000	1090096	1070246	1074114	1.34	cps
Beryllium	9-1	212137	214089	214829	213685	0.65	cps
Bismuth	209-1	5535698	5447083	5587355	5523379	1.28	cps
Bismuth	209-2	3338656	3189007	3342046	3289903	2.66	cps
Boron	10-1	38218	39281	38695	38731	1.37	cps
Boron	11-1	167967	173952	174490	172136	2.10	cps
Bromine	81-1	38730	36699	39006	38145	3.30	cps
Cadmium	111-1	126835	132075	133285	130732	2.62	cps
Cadmium	106-1	20733	21000	19906	20546	2.77	cps
Cadmium	108-1	10417	10613	10779	10603	1.71	cps
Calcium	43-1	328892	337317	335073	333761	1.31	cps
Calcium	44-1	5341328	5500825	5486412	5442855	1.62	cps
Carbon	12-1	5094629	5139180	5153033	5128947	0.59	cps
Carbon	12-2	58500	56174	57380	57351	2.03	cps
Chlorine	35-1	539397	562304	564741	555481	2.52	cps
Chlorine	35-2	3684	4176	3784	3881	6.70	cps
Chromium	52-2	210893	204346	200539	205259	2.55	cps
Cobalt	59-2	323519	312165	310392	315359	2.26	cps
Copper	63-2	2407385	2308015	2291774	2335725	2.68	cps
Dysprosium	156-1	15384	15843	15292	15507	1.90	cps
Dysprosium	156-2	6765	6902	6545	6737	2.67	cps
Erbium	164-1	12773	12548	12056	12459	2.94	cps
Erbium	164-2	6128	6108	5788	6008	3.18	cps
Gadolinium	160-1	13324	13098	13457	13293	1.36	cps
Gadolinium	160-2	7399	7305	6992	7232	2.95	cps
Holmium	165-1	8985518	8677356	8500331	8721069	2.82	cps
Holmium	165-2	4681001	4465253	4547987	4564747	2.38	cps
Indium	115-1	7666451	7645364	7580725	7630846	0.59	cps
Indium	115-2	1324927	1264237	1275013	1288059	2.51	cps
Iron	54-2	2689504	2602615	2517342	2603153	3.31	cps
Iron	56-2	47462251	44861337	44294391	45539326	3.71	cps
Iron	57-2	1139628	1108721	1094759	1114369	2.06	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	O2028-01MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	TR-05-032123MSDDL	Dilution Factor :	5
Date & Time Acquired :	2023-03-24 15:00:37	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	406	391	390	396	2.28	cps
Lead	206-1	1457797	1482447	1427272	1455839	1.90	cps
Lead	207-1	1285742	1274648	1268392	1276261	0.69	cps
Lead	208-1	6044183	6275793	5988011	6102662	2.50	cps
Lithium	6-1	4196784	4213457	4288150	4232797	1.15	cps
Magnesium	24-2	2388078	2188337	2195278	2257231	5.02	cps
Manganese	55-2	1175186	1137541	1126570	1146432	2.22	cps
Molybdenum	94-1	919795	948370	928794	932320	1.57	cps
Molybdenum	95-1	1004856	1033756	1034733	1024448	1.66	cps
Molybdenum	96-1	1142418	1176687	1185001	1168035	1.93	cps
Molybdenum	97-1	620014	639382	651184	636860	2.47	cps
Molybdenum	98-1	1591523	1645371	1690972	1642622	3.03	cps
Neodymium	150-1	21317	21337	22099	21584	2.06	cps
Neodymium	150-2	7679	7952	7442	7691	3.32	cps
Nickel	60-2	98690	95891	91687	95423	3.69	cps
Phosphorus	31-2	1959	2184	1917	2020	7.10	cps
Potassium	39-2	567416	556416	550762	558198	1.52	cps
Rhodium	103-1	7757247	7658232	7705643	7707041	0.64	cps
Rhodium	103-2	3743920	3576033	3703208	3674387	2.38	cps
Scandium	45-1	6138263	6241166	6149140	6176190	0.92	cps
Scandium	45-2	215617	210903	209503	212008	1.51	cps
Selenium	82-1	12104	12583	12293	12327	1.96	cps
Selenium	77-2	467	380	430	426	10.22	cps
Selenium	78-2	1478	1442	1370	1430	3.85	cps
Silicon	28-1	3782110	3656227	3904878	3781072	3.29	cps
Silver	107-1	748711	733016	754293	745340	1.48	cps
Silver	109-1	688282	702887	727291	706154	2.79	cps
Sodium	23-2	3043255	2843761	2846733	2911250	3.93	cps
Strontium	86-1	222654	232359	230114	228376	2.22	cps
Strontium	88-1	1995020	2058932	1991380	2015111	1.89	cps
Sulfur	34-1	463170	467886	466582	465879	0.52	cps
Terbium	159-1	9342481	9165454	9157893	9221943	1.13	cps
Terbium	159-2	4596631	4481044	4459912	4512529	1.63	cps
Thallium	203-1	391448	408821	402424	400897	2.19	cps
Thallium	205-1	955434	960660	960592	958895	0.31	cps
Tin	118-1	374578	373744	375704	374675	0.26	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	O2028-01MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	TR-05-032123MSDDL	Dilution Factor :	5
Date & Time Acquired :	2023-03-24 15:00:37	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	422574	446145	444513	437744	3.01	cps
Uranium	238-1	1320728	1306497	1323078	1316768	0.68	cps
Vanadium	51-2	176791	172292	171246	173443	1.70	cps
Ytterbium	172-1	3826	3567	4059	3817	6.44	cps
Ytterbium	172-2	2045	2289	2189	2174	5.65	cps
Ytterbium	176-1	4934	4959	4843	4912	1.25	cps
Ytterbium	176-2	11038	11322	11327	11229	1.47	cps
Yttrium	89-1	13249700	13203007	13043026	13165244	0.82	cps
Yttrium	89-2	1520702	1498236	1540960	1519966	1.41	cps
Zinc	66-2	25383	24211	23056	24216	4.81	cps
Zirconium	90-1	932366	976041	962220	956876	2.33	cps
Zirconium	91-1	208627	216331	209199	211386	2.03	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	O2028-01A	Instrumnet Name :	P8
Client Sample ID :	TR-05-032123A	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 15:03:31	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5251862	4928604	5034232	5071566	3.25	cps
Antimony	121-1	2517297	2449690	2404222	2457070	2.32	cps
Arsenic	75-2	101394	98723	96947	99021	2.26	cps
Barium	135-1	3694682	3682430	3578316	3651809	1.75	cps
Barium	137-1	6381570	6167992	6147682	6232415	2.08	cps
Beryllium	9-1	1204615	1275160	1219340	1233038	3.02	cps
Bismuth	209-1	6069149	6412684	6265592	6249142	2.76	cps
Bismuth	209-2	3694091	3535001	3707830	3645641	2.64	cps
Boron	10-1	155543	162040	168251	161945	3.92	cps
Boron	11-1	704509	709849	738354	717571	2.54	cps
Bromine	81-1	38329	40192	39699	39407	2.45	cps
Cadmium	111-1	741045	732584	729545	734391	0.81	cps
Cadmium	106-1	96901	96798	93283	95661	2.15	cps
Cadmium	108-1	62358	60595	60641	61198	1.64	cps
Calcium	43-1	2232896	2218692	2172434	2208007	1.43	cps
Calcium	44-1	35706469	35324172	35013258	35347967	0.98	cps
Carbon	12-1	8116774	8319830	8691005	8375869	3.48	cps
Carbon	12-2	99142	96549	98907	98199	1.46	cps
Chlorine	35-1	941130	991221	1023333	985228	4.20	cps
Chlorine	35-2	7636	7511	7586	7577	0.83	cps
Chromium	52-2	1132573	1119766	1091546	1114629	1.88	cps
Cobalt	59-2	1870596	1799795	1748475	1806289	3.39	cps
Copper	63-2	12708875	12761645	12690526	12720349	0.29	cps
Dysprosium	156-1	88880	88007	85205	87364	2.20	cps
Dysprosium	156-2	37706	38649	37152	37836	2.00	cps
Erbium	164-1	72198	71694	72758	72216	0.74	cps
Erbium	164-2	34237	33316	32867	33473	2.09	cps
Gadolinium	160-1	80469	78532	78515	79172	1.42	cps
Gadolinium	160-2	40572	40452	40201	40408	0.47	cps
Holmium	165-1	10051162	10349755	10637044	10345987	2.83	cps
Holmium	165-2	5220465	5172272	5212503	5201747	0.50	cps
Indium	115-1	8547482	9059511	8776587	8794527	2.92	cps
Indium	115-2	1444377	1504611	1434821	1461270	2.59	cps
Iron	54-2	14031797	14430195	13631495	14031162	2.85	cps
Iron	56-2	255713800	251132639	243201472	250015970	2.53	cps
Iron	57-2	6604457	6255185	6345189	6401610	2.83	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	O2028-01A	Instrumnet Name :	P8
Client Sample ID :	TR-05-032123A	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 15:03:31	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	506	516	529	517	2.18	cps
Lead	206-1	9120803	9027626	8612789	8920406	3.03	cps
Lead	207-1	7964941	7591351	7558303	7704865	2.93	cps
Lead	208-1	36795413	35245170	35164128	35734904	2.57	cps
Lithium	6-1	4682159	4995632	4932238	4870010	3.40	cps
Magnesium	24-2	13134727	12661001	12428501	12741410	2.82	cps
Manganese	55-2	7127863	7081446	6894104	7034471	1.76	cps
Molybdenum	94-1	5636538	5656196	5625004	5639246	0.28	cps
Molybdenum	95-1	6253734	6205837	6165609	6208393	0.71	cps
Molybdenum	96-1	7143468	6864904	6876876	6961749	2.26	cps
Molybdenum	97-1	3864155	3713701	3802997	3793618	1.99	cps
Molybdenum	98-1	10031252	9846378	9534036	9803888	2.56	cps
Neodymium	150-1	126922	127421	123721	126021	1.59	cps
Neodymium	150-2	44718	43357	41992	43356	3.14	cps
Nickel	60-2	544655	528591	522477	531907	2.15	cps
Phosphorus	31-2	10012	9945	9237	9731	4.42	cps
Potassium	39-2	3123680	3162094	2930433	3072069	4.04	cps
Rhodium	103-1	8237908	8931815	8965823	8711849	4.72	cps
Rhodium	103-2	4089670	4145960	4077278	4104303	0.89	cps
Scandium	45-1	7236564	7738894	7557973	7511143	3.39	cps
Scandium	45-2	249808	254181	246413	250134	1.56	cps
Selenium	82-1	74397	75453	75024	74958	0.71	cps
Selenium	77-2	2667	2470	2600	2579	3.88	cps
Selenium	78-2	8388	8163	8291	8281	1.36	cps
Silicon	28-1	19001613	17682772	17781273	18155219	4.05	cps
Silver	107-1	2481063	3100226	4603455	3394915	32.15	cps
Silver	109-1	4053750	2711359	3304403	3356504	20.04	cps
Sodium	23-2	16417722	15686624	16067662	16057336	2.28	cps
Strontium	86-1	1430392	1408121	1347826	1395446	3.06	cps
Strontium	88-1	12131607	11706849	11518589	11785682	2.66	cps
Sulfur	34-1	551826	554457	555375	553886	0.33	cps
Terbium	159-1	10388290	10881239	11018339	10762622	3.08	cps
Terbium	159-2	5178796	5067407	5118211	5121471	1.09	cps
Thallium	203-1	2558053	2483183	2426042	2489093	2.66	cps
Thallium	205-1	5780730	5843476	5740074	5788093	0.90	cps
Tin	118-1	2399568	2368020	2336402	2367996	1.33	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	O2028-01A	Instrumnet Name :	P8
Client Sample ID :	TR-05-032123A	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 15:03:31	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2779375	2696032	2587666	2687691	3.58	cps
Uranium	238-1	8147571	7865992	8168055	8060539	2.09	cps
Vanadium	51-2	1003862	973840	954723	977475	2.53	cps
Ytterbium	172-1	21643	20667	22570	21627	4.40	cps
Ytterbium	172-2	11389	11249	11550	11396	1.32	cps
Ytterbium	176-1	22370	23146	21593	22370	3.47	cps
Ytterbium	176-2	21340	20794	21273	21136	1.41	cps
Yttrium	89-1	15418288	16903536	16102122	16141315	4.61	cps
Yttrium	89-2	1861322	1832315	1856078	1849905	0.84	cps
Zinc	66-2	122603	121910	122489	122334	0.30	cps
Zirconium	90-1	5895633	5967867	5620424	5827975	3.15	cps
Zirconium	91-1	1300814	1313255	1263553	1292541	2.00	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	O2028-01ADLX5	Instrumnet Name :	P8
Client Sample ID :	TR-05-032123ADL	Dilution Factor :	5
Date & Time Acquired :	2023-03-24 15:06:22	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	847899	839761	829934	839198	1.07	cps
Antimony	121-1	396754	410671	413834	407086	2.23	cps
Arsenic	75-2	16570	16211	15882	16221	2.12	cps
Barium	135-1	561730	565812	567591	565044	0.53	cps
Barium	137-1	970709	996746	1012491	993315	2.12	cps
Beryllium	9-1	192414	199868	198100	196794	1.98	cps
Bismuth	209-1	5554832	5577817	5467683	5533444	1.05	cps
Bismuth	209-2	3308083	3374944	3252241	3311756	1.86	cps
Boron	10-1	40107	41109	41123	40780	1.43	cps
Boron	11-1	173556	178437	180842	177612	2.09	cps
Bromine	81-1	39833	41195	41421	40816	2.10	cps
Cadmium	111-1	118859	121520	119202	119860	1.21	cps
Cadmium	106-1	19231	19131	19731	19364	1.66	cps
Cadmium	108-1	9628	9495	9908	9677	2.18	cps
Calcium	43-1	343725	344565	348526	345605	0.74	cps
Calcium	44-1	5542215	5890669	5771603	5734829	3.09	cps
Carbon	12-1	5248871	5546740	5659717	5485109	3.87	cps
Carbon	12-2	65889	66626	66267	66261	0.56	cps
Chlorine	35-1	609333	625641	621284	618753	1.36	cps
Chlorine	35-2	4367	4309	4326	4334	0.69	cps
Chromium	52-2	188638	184193	181813	184881	1.87	cps
Cobalt	59-2	305053	295491	289369	296638	2.66	cps
Copper	63-2	2273643	2215686	2197535	2228955	1.78	cps
Dysprosium	156-1	13908	14442	13858	14069	2.30	cps
Dysprosium	156-2	6472	6265	5951	6229	4.20	cps
Erbium	164-1	11839	11789	11580	11736	1.17	cps
Erbium	164-2	5751	5464	5391	5536	3.44	cps
Gadolinium	160-1	12122	12965	12740	12609	3.46	cps
Gadolinium	160-2	6568	6538	6625	6577	0.67	cps
Holmium	165-1	8638377	8802994	8834666	8758679	1.20	cps
Holmium	165-2	4605785	4604972	4481212	4563990	1.57	cps
Indium	115-1	7729061	7668788	7996463	7798104	2.24	cps
Indium	115-2	1302892	1301676	1267029	1290533	1.58	cps
Iron	54-2	2424722	2315182	2354320	2364741	2.35	cps
Iron	56-2	42217970	42723441	41250016	42063809	1.78	cps
Iron	57-2	1029862	1054016	1003182	1029020	2.47	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	O2028-01ADLX5	Instrumnet Name :	P8
Client Sample ID :	TR-05-032123ADL	Dilution Factor :	5
Date & Time Acquired :	2023-03-24 15:06:22	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	366	395	405	389	5.18	cps
Lead	206-1	1378039	1400598	1373392	1384010	1.05	cps
Lead	207-1	1171732	1212525	1196912	1193723	1.72	cps
Lead	208-1	5627847	5782642	5758813	5723101	1.46	cps
Lithium	6-1	4128268	4120756	4187780	4145601	0.89	cps
Magnesium	24-2	2169773	2164087	2070191	2134684	2.62	cps
Manganese	55-2	1132569	1106461	1107986	1115672	1.31	cps
Molybdenum	94-1	874754	887493	905152	889133	1.72	cps
Molybdenum	95-1	970532	973585	985516	976544	0.81	cps
Molybdenum	96-1	1123894	1117973	1114757	1118875	0.41	cps
Molybdenum	97-1	610787	609068	613346	611067	0.35	cps
Molybdenum	98-1	1570745	1575404	1566464	1570871	0.28	cps
Neodymium	150-1	19648	19715	19481	19615	0.61	cps
Neodymium	150-2	7379	7522	6858	7253	4.81	cps
Nickel	60-2	92539	90194	88601	90445	2.19	cps
Phosphorus	31-2	1642	1675	1600	1639	2.29	cps
Potassium	39-2	535159	537085	517095	529780	2.08	cps
Rhodium	103-1	7486613	7800070	7592781	7626488	2.09	cps
Rhodium	103-2	3686108	3689276	3688769	3688051	0.05	cps
Scandium	45-1	6205377	6381078	6342763	6309739	1.46	cps
Scandium	45-2	214954	214133	212306	213798	0.63	cps
Selenium	82-1	11944	11520	12092	11852	2.50	cps
Selenium	77-2	410	490	517	472	11.76	cps
Selenium	78-2	1387	1284	1315	1329	3.98	cps
Silicon	28-1	3547899	3698617	3922603	3723040	5.06	cps
Silver	107-1	675228	692877	685919	684675	1.30	cps
Silver	109-1	662406	656275	665306	661329	0.70	cps
Sodium	23-2	2763901	2746724	2757779	2756135	0.32	cps
Strontium	86-1	216964	225896	219621	220827	2.08	cps
Strontium	88-1	1911727	1962614	1868801	1914381	2.45	cps
Sulfur	34-1	475190	473913	473090	474064	0.22	cps
Terbium	159-1	9096696	9439744	9292708	9276383	1.86	cps
Terbium	159-2	4647380	4484493	4474675	4535516	2.14	cps
Thallium	203-1	376929	386072	378586	380529	1.28	cps
Thallium	205-1	899187	930766	912073	914009	1.74	cps
Tin	118-1	364467	374205	378332	372335	1.91	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	O2028-01ADLX5	Instrumnet Name :	P8
Client Sample ID :	TR-05-032123ADL	Dilution Factor :	5
Date & Time Acquired :	2023-03-24 15:06:22	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	424939	426594	424431	425321	0.27	cps
Uranium	238-1	1208016	1224192	1214034	1215414	0.67	cps
Vanadium	51-2	164886	158539	157507	160311	2.49	cps
Ytterbium	172-1	3492	3542	3492	3509	0.82	cps
Ytterbium	172-2	2045	2017	1811	1958	6.51	cps
Ytterbium	176-1	4476	4393	4834	4568	5.14	cps
Ytterbium	176-2	10593	11044	11644	11094	4.75	cps
Yttrium	89-1	12760714	13113962	12867899	12914191	1.40	cps
Yttrium	89-2	1564235	1459696	1546115	1523349	3.67	cps
Zinc	66-2	23870	23977	23162	23670	1.87	cps
Zirconium	90-1	923852	933616	930231	929233	0.53	cps
Zirconium	91-1	201372	204127	209278	204926	1.96	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	O2047-01	Instrumnet Name :	P8
Client Sample ID :	R-PIT	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 15:09:17	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14426445	14254419	13872955	14184606	2.00	cps
Antimony	121-1	90441	91918	91976	91445	0.95	cps
Arsenic	75-2	40753	39194	39157	39701	2.29	cps
Barium	135-1	4078896	4233574	4118797	4143756	1.94	cps
Barium	137-1	7095236	7255092	6992619	7114316	1.86	cps
Beryllium	9-1	83643	84398	81730	83257	1.65	cps
Bismuth	209-1	5853631	5635688	5648138	5712486	2.14	cps
Bismuth	209-2	3342559	3391462	3376994	3370338	0.75	cps
Boron	10-1	39268	40736	41181	40395	2.48	cps
Boron	11-1	175383	181622	184454	180486	2.57	cps
Bromine	81-1	46595	46169	47299	46688	1.22	cps
Cadmium	111-1	6553	6919	6466	6646	3.62	cps
Cadmium	106-1	8745	8920	8444	8703	2.76	cps
Cadmium	108-1	813	808	804	808	0.52	cps
Calcium	43-1	438863	443890	441732	441495	0.57	cps
Calcium	44-1	7125423	7277686	6889083	7097397	2.76	cps
Carbon	12-1	12007008	12724436	13093496	12608313	4.38	cps
Carbon	12-2	140703	138970	140552	140075	0.69	cps
Chlorine	35-1	88199958	109752440	119842774	105931724	15.26	cps
Chlorine	35-2	999063	1018902	1030757	1016241	1.58	cps
Chromium	52-2	693613	678280	655312	675735	2.85	cps
Cobalt	59-2	952920	930096	918598	933872	1.87	cps
Copper	63-2	3871121	3895603	3778805	3848510	1.60	cps
Dysprosium	156-1	578868	583551	577015	579812	0.58	cps
Dysprosium	156-2	249305	248862	243300	247156	1.35	cps
Erbium	164-1	419387	420616	417585	419196	0.36	cps
Erbium	164-2	199299	191465	188919	193227	2.80	cps
Gadolinium	160-1	486016	493147	490467	489877	0.74	cps
Gadolinium	160-2	257214	253228	250495	253645	1.33	cps
Holmium	165-1	9819638	9642920	9584840	9682466	1.26	cps
Holmium	165-2	4719681	4755885	4638664	4704743	1.28	cps
Indium	115-1	7788485	7857443	8123202	7923043	2.23	cps
Indium	115-2	1285265	1275847	1277507	1279539	0.39	cps
Iron	54-2	72254785	72027188	67937402	70739791	3.43	cps
Iron	56-2	1291079984	1275789940	1226533539	1264467821	2.67	cps
Iron	57-2	32273316	31928726	32217528	32139857	0.58	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	O2047-01	Instrumnet Name :	P8
Client Sample ID :	R-PIT	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 15:09:17	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1044	1097	1029	1057	3.42	cps
Lead	206-1	3298007	3345679	3286303	3309996	0.95	cps
Lead	207-1	2717920	2794299	2812237	2774819	1.80	cps
Lead	208-1	12835012	13036902	12797232	12889715	1.00	cps
Lithium	6-1	4772544	4624858	4820538	4739313	2.15	cps
Magnesium	24-2	13077191	13193203	13238563	13169652	0.63	cps
Manganese	55-2	30989852	31127061	29892009	30669641	2.21	cps
Molybdenum	94-1	106911	108064	104755	106577	1.58	cps
Molybdenum	95-1	28380	27478	27636	27831	1.73	cps
Molybdenum	96-1	66051	67433	66728	66737	1.03	cps
Molybdenum	97-1	15601	16293	16786	16227	3.67	cps
Molybdenum	98-1	38321	40803	40058	39727	3.21	cps
Neodymium	150-1	899922	894322	892361	895535	0.44	cps
Neodymium	150-2	316401	302781	303674	307618	2.48	cps
Nickel	60-2	459346	454273	438992	450870	2.35	cps
Phosphorus	31-2	41560	42580	39555	41232	3.73	cps
Potassium	39-2	2523193	2422397	2381018	2442202	2.99	cps
Rhodium	103-1	7881353	7799283	7768235	7816290	0.75	cps
Rhodium	103-2	3694615	3671966	3497883	3621488	2.97	cps
Scandium	45-1	7660945	7723442	7399703	7594697	2.26	cps
Scandium	45-2	249791	250962	241112	247288	2.18	cps
Selenium	82-1	1678	1693	1700	1690	0.68	cps
Selenium	77-2	1220	1227	1117	1188	5.19	cps
Selenium	78-2	1036	908	1006	983	6.81	cps
Silicon	28-1	35153210	34399047	35699635	35083964	1.86	cps
Silver	107-1	7602	8053	8194	7950	3.89	cps
Silver	109-1	7194	7144	7052	7130	1.01	cps
Sodium	23-2	715299	699134	718577	711003	1.46	cps
Strontium	86-1	563070	565961	565167	564733	0.26	cps
Strontium	88-1	4888070	4921662	4870271	4893334	0.53	cps
Sulfur	34-1	627505	625441	628622	627189	0.26	cps
Terbium	159-1	10260619	9946057	9996520	10067732	1.68	cps
Terbium	159-2	4809628	4638730	4675154	4707837	1.91	cps
Thallium	203-1	13541	14408	14358	14103	3.45	cps
Thallium	205-1	33051	34438	33970	33820	2.09	cps
Tin	118-1	227069	226330	227028	226809	0.18	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	O2047-01	Instrumnet Name :	P8
Client Sample ID :	R-PIT	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 15:09:17	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3153910	3261121	3247510	3220847	1.81	cps
Uranium	238-1	318321	321202	320734	320086	0.48	cps
Vanadium	51-2	613559	601784	582753	599365	2.59	cps
Ytterbium	172-1	90023	91207	89795	90342	0.84	cps
Ytterbium	172-2	48985	47458	47101	47848	2.09	cps
Ytterbium	176-1	57953	58983	56664	57867	2.01	cps
Ytterbium	176-2	40039	39766	40005	39937	0.37	cps
Yttrium	89-1	19939688	20198433	20218794	20118972	0.77	cps
Yttrium	89-2	2202514	2204511	2159582	2188869	1.16	cps
Zinc	66-2	443374	440206	432877	438819	1.23	cps
Zirconium	90-1	356764	256876	244352	285997	21.54	cps
Zirconium	91-1	55712	58047	62146	58635	5.55	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	O2047-01DLX5	Instrumnet Name :	P8
Client Sample ID :	R-PITDL	Dilution Factor :	5
Date & Time Acquired :	2023-03-24 15:12:09	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2750770	2741491	2716435	2736232	0.65	cps
Antimony	121-1	16819	16702	17395	16972	2.18	cps
Arsenic	75-2	7695	7469	7312	7492	2.57	cps
Barium	135-1	726447	742644	733614	734235	1.11	cps
Barium	137-1	1249055	1276083	1253187	1259442	1.16	cps
Beryllium	9-1	15832	16073	15898	15934	0.78	cps
Bismuth	209-1	4870185	5159152	5405609	5144982	5.21	cps
Bismuth	209-2	3215716	3273825	3225926	3238489	0.96	cps
Boron	10-1	13858	13698	13976	13844	1.01	cps
Boron	11-1	60608	62132	60027	60922	1.78	cps
Bromine	81-1	40059	40326	40459	40282	0.51	cps
Cadmium	111-1	1680	1660	1673	1671	0.61	cps
Cadmium	106-1	5009	4684	5193	4962	5.19	cps
Cadmium	108-1	167	125	138	143	14.95	cps
Calcium	43-1	79182	80784	80652	80206	1.11	cps
Calcium	44-1	1333858	1347375	1317382	1332872	1.13	cps
Carbon	12-1	5752114	5989806	5888209	5876710	2.03	cps
Carbon	12-2	65882	64617	63261	64587	2.03	cps
Chlorine	35-1	31326401	33289851	34471125	33029125	4.81	cps
Chlorine	35-2	260283	256422	252253	256319	1.57	cps
Chromium	52-2	126794	124023	123521	124780	1.41	cps
Cobalt	59-2	179614	173550	174838	176001	1.82	cps
Copper	63-2	729432	718353	712786	720190	1.18	cps
Dysprosium	156-1	102855	105635	103803	104098	1.36	cps
Dysprosium	156-2	44267	44738	44702	44569	0.59	cps
Erbium	164-1	74954	76957	73420	75111	2.36	cps
Erbium	164-2	35317	34288	34645	34750	1.50	cps
Gadolinium	160-1	88150	88300	88485	88312	0.19	cps
Gadolinium	160-2	46555	46023	46069	46216	0.64	cps
Holmium	165-1	7895348	8427509	8889400	8404086	5.92	cps
Holmium	165-2	4462150	4451824	4562746	4492240	1.36	cps
Indium	115-1	7019278	7217631	7891555	7376155	6.20	cps
Indium	115-2	1251912	1247825	1281436	1260391	1.46	cps
Iron	54-2	13690579	12869164	13028968	13196237	3.30	cps
Iron	56-2	242654783	232646350	229929305	235076813	2.85	cps
Iron	57-2	6012610	5904579	5936374	5951188	0.93	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	O2047-01DLX5	Instrumnet Name :	P8
Client Sample ID :	R-PITDL	Dilution Factor :	5
Date & Time Acquired :	2023-03-24 15:12:09	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	517	485	462	488	5.66	cps
Lead	206-1	549470	554450	557127	553682	0.70	cps
Lead	207-1	479294	460618	470430	470114	1.99	cps
Lead	208-1	2193613	2150957	2207945	2184172	1.36	cps
Lithium	6-1	3997818	4091876	4401457	4163717	5.07	cps
Magnesium	24-2	2483343	2505245	2460274	2482954	0.91	cps
Manganese	55-2	5849680	5518428	5580517	5649541	3.12	cps
Molybdenum	94-1	19314	18379	18980	18891	2.51	cps
Molybdenum	95-1	5093	4876	5009	4993	2.19	cps
Molybdenum	96-1	12731	13482	12414	12876	4.26	cps
Molybdenum	97-1	3125	2775	2934	2945	5.95	cps
Molybdenum	98-1	7561	6985	7511	7352	4.33	cps
Neodymium	150-1	157725	157184	157522	157477	0.17	cps
Neodymium	150-2	56224	55417	55839	55827	0.72	cps
Nickel	60-2	87581	86424	86603	86869	0.72	cps
Phosphorus	31-2	8052	8086	7786	7975	2.06	cps
Potassium	39-2	466711	455326	447386	456475	2.13	cps
Rhodium	103-1	6909111	7184092	7838649	7310617	6.53	cps
Rhodium	103-2	3615047	3510923	3679002	3601657	2.36	cps
Scandium	45-1	6129604	5866060	6436613	6144092	4.65	cps
Scandium	45-2	207241	212626	210707	210191	1.30	cps
Selenium	82-1	320	292	370	327	12.00	cps
Selenium	77-2	210	217	237	221	6.28	cps
Selenium	78-2	263	241	243	249	4.89	cps
Silicon	28-1	6781148	7043630	6742172	6855650	2.39	cps
Silver	107-1	1742	1433	1667	1614	9.96	cps
Silver	109-1	1425	1492	1533	1483	3.68	cps
Sodium	23-2	168162	164598	160841	164534	2.23	cps
Strontium	86-1	101299	101065	102811	101725	0.93	cps
Strontium	88-1	880546	870951	874317	875272	0.56	cps
Sulfur	34-1	471023	472165	472220	471802	0.14	cps
Terbium	159-1	8406919	8772959	9458892	8879590	6.01	cps
Terbium	159-2	4390750	4392940	4389619	4391103	0.04	cps
Thallium	203-1	2925	2867	2992	2928	2.14	cps
Thallium	205-1	6577	6777	7686	7013	8.43	cps
Tin	118-1	46337	45602	45443	45794	1.04	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	O2047-01DLX5	Instrumnet Name :	P8
Client Sample ID :	R-PITDL	Dilution Factor :	5
Date & Time Acquired :	2023-03-24 15:12:09	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	570204	580223	584759	578395	1.29	cps
Uranium	238-1	57339	58495	57489	57774	1.09	cps
Vanadium	51-2	111662	107823	106540	108675	2.45	cps
Ytterbium	172-1	15101	16144	16394	15879	4.32	cps
Ytterbium	172-2	8753	8981	8647	8794	1.94	cps
Ytterbium	176-1	11756	10730	11047	11177	4.70	cps
Ytterbium	176-2	14519	14430	14430	14460	0.36	cps
Yttrium	89-1	13087055	13064457	14220057	13457190	4.91	cps
Yttrium	89-2	1589625	1587944	1550612	1576060	1.40	cps
Zinc	66-2	88891	87881	86073	87615	1.63	cps
Zirconium	90-1	45885	43719	46227	45277	3.00	cps
Zirconium	91-1	9970	10012	9979	9987	0.22	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	O2049-01	Instrumnet Name :	P8
Client Sample ID :	OK-02-032323	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 15:15:03	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5779	6442	6058	6093	5.46	cps
Antimony	121-1	600	667	508	592	13.44	cps
Arsenic	75-2	27	34	26	29	15.03	cps
Barium	135-1	3376	3334	2992	3234	6.51	cps
Barium	137-1	5943	6194	5193	5777	9.02	cps
Beryllium	9-1	242	209	186	212	13.32	cps
Bismuth	209-1	8781120	8477279	8394938	8551112	2.38	cps
Bismuth	209-2	4628490	4319948	4400449	4449629	3.60	cps
Boron	10-1	5988	5756	5758	5834	2.29	cps
Boron	11-1	26878	26383	25475	26245	2.71	cps
Bromine	81-1	39950	36891	37476	38106	4.26	cps
Cadmium	111-1	812	740	682	745	8.72	cps
Cadmium	106-1	7319	6952	6168	6813	8.63	cps
Cadmium	108-1	17	25	38	26	39.73	cps
Calcium	43-1	23535	22398	21264	22399	5.07	cps
Calcium	44-1	398178	376916	358656	377917	5.23	cps
Carbon	12-1	8185248	8330209	8358663	8291373	1.12	cps
Carbon	12-2	92088	90311	92055	91485	1.11	cps
Chlorine	35-1	5216357	4407052	3977503	4533637	13.88	cps
Chlorine	35-2	26483	25490	24730	25568	3.44	cps
Chromium	52-2	1053	967	780	933	14.97	cps
Cobalt	59-2	443	350	300	364	19.96	cps
Copper	63-2	5358	5531	5581	5490	2.14	cps
Dysprosium	156-1	175	183	233	197	16.00	cps
Dysprosium	156-2	97	97	83	92	8.35	cps
Erbium	164-1	167	225	208	200	15.02	cps
Erbium	164-2	110	123	87	107	17.40	cps
Gadolinium	160-1	192	175	267	211	23.13	cps
Gadolinium	160-2	217	203	253	224	11.54	cps
Holmium	165-1	14095416	13254242	12645750	13331803	5.46	cps
Holmium	165-2	6432719	5706194	5832891	5990601	6.48	cps
Indium	115-1	12928085	11758202	11174495	11953594	7.47	cps
Indium	115-2	1843603	1721936	1723877	1763139	3.95	cps
Iron	54-2	11380	13876	10427	11894	14.98	cps
Iron	56-2	160374	155056	214164	176531	18.52	cps
Iron	57-2	8794	4190	8792	7259	36.61	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	O2049-01	Instrumnet Name :	P8
Client Sample ID :	OK-02-032323	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 15:15:03	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	362	396	425	395	7.93	cps
Lead	206-1	3006	3056	2950	3004	1.76	cps
Lead	207-1	2862	2517	2645	2674	6.52	cps
Lead	208-1	12392	12586	12375	12451	0.94	cps
Lithium	6-1	6431526	6305844	5946454	6227941	4.04	cps
Magnesium	24-2	22997	22863	22226	22696	1.82	cps
Manganese	55-2	6025	5845	5551	5807	4.12	cps
Molybdenum	94-1	1208	1075	1058	1114	7.38	cps
Molybdenum	95-1	1475	1483	1392	1450	3.50	cps
Molybdenum	96-1	1508	1342	1125	1325	14.51	cps
Molybdenum	97-1	775	858	625	753	15.71	cps
Molybdenum	98-1	2217	1925	1909	2017	8.60	cps
Neodymium	150-1	147	127	320	198	53.77	cps
Neodymium	150-2	63	80	53	66	20.55	cps
Nickel	60-2	463	553	437	484	12.62	cps
Phosphorus	31-2	158	158	175	164	5.87	cps
Potassium	39-2	50924	53104	52354	52127	2.12	cps
Rhodium	103-1	12800228	11708381	11017658	11842089	7.59	cps
Rhodium	103-2	5124191	4800074	4713015	4879094	4.44	cps
Scandium	45-1	9947382	9259864	8916897	9374714	5.60	cps
Scandium	45-2	287973	267523	268522	274673	4.20	cps
Selenium	82-1	82	45	6	45	85.52	cps
Selenium	77-2	3	7	3	4	43.40	cps
Selenium	78-2	68	66	64	66	3.03	cps
Silicon	28-1	1838294	1933730	1782372	1851466	4.13	cps
Silver	107-1	300	217	367	294	25.53	cps
Silver	109-1	267	192	192	217	19.99	cps
Sodium	23-2	1506317	1468865	1513277	1496153	1.60	cps
Strontium	86-1	8878	7811	7477	8055	9.09	cps
Strontium	88-1	66610	64324	59612	63515	5.62	cps
Sulfur	34-1	455589	452826	461492	456636	0.97	cps
Terbium	159-1	14906229	14089906	13322830	14106322	5.61	cps
Terbium	159-2	6312944	5694537	5736472	5914651	5.84	cps
Thallium	203-1	533	375	425	444	18.21	cps
Thallium	205-1	1325	1117	1267	1236	8.70	cps
Tin	118-1	14408	13332	13299	13679	4.61	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	O2049-01	Instrumnet Name :	P8
Client Sample ID :	OK-02-032323	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 15:15:03	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5421	8643	6021	6695	25.59	cps
Uranium	238-1	575	733	392	567	30.18	cps
Vanadium	51-2	1033	1100	957	1030	6.96	cps
Ytterbium	172-1	125	75	125	108	26.65	cps
Ytterbium	172-2	61	28	50	46	36.66	cps
Ytterbium	176-1	2234	2275	2059	2189	5.25	cps
Ytterbium	176-2	12362	12567	12667	12532	1.24	cps
Yttrium	89-1	20489463	18965465	18381563	19278830	5.65	cps
Yttrium	89-2	2099739	1949267	1914269	1987758	4.96	cps
Zinc	66-2	1933	1897	2134	1988	6.41	cps
Zirconium	90-1	1025	1384	1008	1139	18.61	cps
Zirconium	91-1	258	375	242	292	24.91	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	O2049-01DLX5	Instrumnet Name :	P8
Client Sample ID :	OK-02-032323DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-24 15:18:05	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3255	3316	3266	3279	0.99	cps
Antimony	121-1	225	250	158	211	22.45	cps
Arsenic	75-2	6	12	9	9	33.33	cps
Barium	135-1	600	575	650	608	6.28	cps
Barium	137-1	1042	1192	1117	1117	6.72	cps
Beryllium	9-1	202	195	189	195	3.52	cps
Bismuth	209-1	5498036	5506850	5128623	5377836	4.01	cps
Bismuth	209-2	3324739	3289003	3280783	3298175	0.71	cps
Boron	10-1	5118	5006	4944	5023	1.76	cps
Boron	11-1	22535	21389	21165	21696	3.39	cps
Bromine	81-1	38262	37994	37660	37972	0.79	cps
Cadmium	111-1	451	474	423	449	5.67	cps
Cadmium	106-1	4267	4626	4192	4362	5.31	cps
Cadmium	108-1	13	38	13	21	69.28	cps
Calcium	43-1	2802	3057	3086	2982	5.24	cps
Calcium	44-1	61579	61079	61497	61385	0.44	cps
Carbon	12-1	4753323	4795881	4825848	4791684	0.76	cps
Carbon	12-2	52896	51993	53698	52862	1.61	cps
Chlorine	35-1	5632426	5417266	5253158	5434283	3.50	cps
Chlorine	35-2	36179	34542	34132	34951	3.10	cps
Chromium	52-2	850	823	900	858	4.54	cps
Cobalt	59-2	150	170	153	158	6.79	cps
Copper	63-2	2484	2630	2454	2522	3.75	cps
Dysprosium	156-1	42	83	67	64	32.83	cps
Dysprosium	156-2	40	27	27	31	24.74	cps
Erbium	164-1	83	117	25	75	61.86	cps
Erbium	164-2	50	47	23	40	36.33	cps
Gadolinium	160-1	92	125	1003	406	127.11	cps
Gadolinium	160-2	167	157	100	141	25.48	cps
Holmium	165-1	8750883	8739994	8544918	8678598	1.34	cps
Holmium	165-2	4353019	4423415	4499111	4425182	1.65	cps
Indium	115-1	7484987	7425578	7546021	7485529	0.80	cps
Indium	115-2	1289164	1245243	1235204	1256537	2.28	cps
Iron	54-2	6516	4178	4456	5050	25.29	cps
Iron	56-2	85836	73589	74595	78007	8.72	cps
Iron	57-2	2089	1833	1950	1958	6.54	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	O2049-01DLX5	Instrumnet Name :	P8
Client Sample ID :	OK-02-032323DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-24 15:18:05	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	399	365	364	376	5.28	cps
Lead	206-1	1506	1572	1289	1456	10.18	cps
Lead	207-1	1350	1272	1028	1217	13.82	cps
Lead	208-1	5973	5823	5362	5719	5.57	cps
Lithium	6-1	4117313	4141216	4059177	4105902	1.03	cps
Magnesium	24-2	4951	5869	4818	5212	10.98	cps
Manganese	55-2	1387	1193	1307	1296	7.50	cps
Molybdenum	94-1	475	400	450	442	8.65	cps
Molybdenum	95-1	317	325	350	331	5.25	cps
Molybdenum	96-1	450	300	308	353	23.90	cps
Molybdenum	97-1	283	183	150	206	33.76	cps
Molybdenum	98-1	508	458	308	425	24.49	cps
Neodymium	150-1	80	107	87	91	15.23	cps
Neodymium	150-2	33	17	20	23	37.78	cps
Nickel	60-2	107	100	160	122	26.91	cps
Phosphorus	31-2	217	192	83	164	43.24	cps
Potassium	39-2	31627	33214	32370	32404	2.45	cps
Rhodium	103-1	7592525	7653046	7599782	7615118	0.43	cps
Rhodium	103-2	3724912	3659346	3624218	3669492	1.39	cps
Scandium	45-1	6087149	5821079	6019052	5975760	2.31	cps
Scandium	45-2	203231	198305	198497	200011	1.40	cps
Selenium	82-1	-18	-5	13	-3	-452.08	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	71	66	82	73	11.21	cps
Silicon	28-1	1038373	961834	927619	975942	5.81	cps
Silver	107-1	200	183	200	194	4.95	cps
Silver	109-1	133	125	83	114	23.52	cps
Sodium	23-2	227339	223507	218029	222959	2.10	cps
Strontium	86-1	1550	1525	1592	1556	2.17	cps
Strontium	88-1	9103	8995	8962	9020	0.82	cps
Sulfur	34-1	437788	435664	438041	437164	0.30	cps
Terbium	159-1	9172798	8789333	8695026	8885719	2.85	cps
Terbium	159-2	4419327	4413616	4177534	4336826	3.18	cps
Thallium	203-1	383	317	425	375	14.57	cps
Thallium	205-1	1017	1008	958	995	3.17	cps
Tin	118-1	4659	4893	4868	4807	2.67	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	O2049-01DLX5	Instrumnet Name :	P8
Client Sample ID :	OK-02-032323DL	Dilution Factor :	5
Date & Time Acquired :	2023-03-24 15:18:05	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1000	1017	858	958	9.08	cps
Uranium	238-1	442	167	183	264	58.43	cps
Vanadium	51-2	243	220	217	227	6.41	cps
Ytterbium	172-1	58	67	67	64	7.54	cps
Ytterbium	172-2	22	28	11	20	41.67	cps
Ytterbium	176-1	1367	1508	1467	1447	5.03	cps
Ytterbium	176-2	9059	9109	9170	9113	0.61	cps
Yttrium	89-1	12300148	12198061	12209722	12235977	0.46	cps
Yttrium	89-2	1428090	1472310	1453686	1451362	1.53	cps
Zinc	66-2	1483	1297	1393	1391	6.71	cps
Zirconium	90-1	650	725	600	658	9.56	cps
Zirconium	91-1	133	92	83	103	26.06	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	O2047-01DL2X25	Instrumnet Name :	P8
Client Sample ID :	R-PITDL2	Dilution Factor :	25
Date & Time Acquired :	2023-03-24 15:21:06	DataFile Name :	043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	545827	526807	535332	535989	1.78	cps
Antimony	121-1	3426	3517	3234	3392	4.26	cps
Arsenic	75-2	1550	1463	1570	1528	3.72	cps
Barium	135-1	143802	145714	149928	146482	2.14	cps
Barium	137-1	245112	254393	253085	250863	2.00	cps
Beryllium	9-1	3327	3450	3466	3415	2.22	cps
Bismuth	209-1	5119789	5292387	5315743	5242640	2.04	cps
Bismuth	209-2	3246722	3220230	3154334	3207095	1.48	cps
Boron	10-1	5336	5504	5728	5523	3.56	cps
Boron	11-1	23074	23985	24153	23737	2.45	cps
Bromine	81-1	37811	38838	39323	38657	2.00	cps
Cadmium	111-1	676	807	631	705	12.98	cps
Cadmium	106-1	4476	4868	4518	4620	4.66	cps
Cadmium	108-1	54	67	54	58	12.37	cps
Calcium	43-1	16018	16750	16338	16369	2.24	cps
Calcium	44-1	268538	281399	276968	275635	2.37	cps
Carbon	12-1	5715461	5830212	5817783	5787819	1.09	cps
Carbon	12-2	64802	64944	63396	64380	1.33	cps
Chlorine	35-1	6316796	6758659	7077961	6717805	5.69	cps
Chlorine	35-2	56109	55892	55398	55800	0.65	cps
Chromium	52-2	26498	26318	25964	26260	1.04	cps
Cobalt	59-2	35712	35304	35688	35568	0.64	cps
Copper	63-2	151436	148517	150243	150065	0.98	cps
Dysprosium	156-1	20658	21201	21693	21184	2.44	cps
Dysprosium	156-2	9443	9173	9183	9267	1.65	cps
Erbium	164-1	14775	16002	15943	15573	4.44	cps
Erbium	164-2	7209	7472	7335	7339	1.80	cps
Gadolinium	160-1	17662	18338	19106	18369	3.93	cps
Gadolinium	160-2	9760	9467	9460	9562	1.79	cps
Holmium	165-1	8488863	8292159	8571253	8450758	1.70	cps
Holmium	165-2	4446596	4540746	4380690	4456011	1.81	cps
Indium	115-1	7415825	7444845	7419362	7426677	0.21	cps
Indium	115-2	1255538	1227384	1225023	1235982	1.37	cps
Iron	54-2	2781804	2746827	2676170	2734933	1.97	cps
Iron	56-2	49772458	49681562	50067075	49840365	0.40	cps
Iron	57-2	1203445	1204099	1191967	1199837	0.57	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	O2047-01DL2X25	Instrumnet Name :	P8
Client Sample ID :	R-PITDL2	Dilution Factor :	25
Date & Time Acquired :	2023-03-24 15:21:06	DataFile Name :	043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	384	394	355	377	5.33	cps
Lead	206-1	113488	117946	115355	115596	1.94	cps
Lead	207-1	97224	99611	94734	97189	2.51	cps
Lead	208-1	440691	466122	451623	452812	2.82	cps
Lithium	6-1	4043673	4114109	4151253	4103012	1.33	cps
Magnesium	24-2	510162	503258	501415	504945	0.91	cps
Manganese	55-2	1143965	1135202	1124451	1134539	0.86	cps
Molybdenum	94-1	4076	4368	4034	4159	4.37	cps
Molybdenum	95-1	1025	1492	1067	1195	21.63	cps
Molybdenum	96-1	2517	2859	2534	2636	7.31	cps
Molybdenum	97-1	675	833	675	728	12.56	cps
Molybdenum	98-1	1583	2342	1658	1861	22.46	cps
Neodymium	150-1	31076	31918	31738	31578	1.40	cps
Neodymium	150-2	11505	11735	11125	11455	2.69	cps
Nickel	60-2	17915	17998	17858	17924	0.39	cps
Phosphorus	31-2	1633	1650	1950	1745	10.22	cps
Potassium	39-2	116039	114948	114806	115265	0.59	cps
Rhodium	103-1	7238366	7486219	7520228	7414937	2.07	cps
Rhodium	103-2	3589948	3574965	3542865	3569259	0.67	cps
Scandium	45-1	5874060	5788027	5996106	5886064	1.78	cps
Scandium	45-2	205991	203871	203645	204502	0.63	cps
Selenium	82-1	71	82	101	85	17.83	cps
Selenium	77-2	47	33	50	43	20.36	cps
Selenium	78-2	98	111	93	101	9.23	cps
Silicon	28-1	2144555	2049268	2125621	2106482	2.39	cps
Silver	107-1	408	517	442	456	12.18	cps
Silver	109-1	317	467	375	386	19.59	cps
Sodium	23-2	59196	60116	58200	59170	1.62	cps
Strontium	86-1	20232	20983	21734	20983	3.58	cps
Strontium	88-1	170301	178790	180417	176503	3.08	cps
Sulfur	34-1	438730	439815	442339	440295	0.42	cps
Terbium	159-1	8697274	8732886	8820738	8750299	0.73	cps
Terbium	159-2	4501775	4321095	4339289	4387386	2.27	cps
Thallium	203-1	708	975	750	811	17.69	cps
Thallium	205-1	1608	2167	1984	1920	14.83	cps
Tin	118-1	8778	9445	9137	9120	3.66	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	O2047-01DL2X25	Instrumnet Name :	P8
Client Sample ID :	R-PITDL2	Dilution Factor :	25
Date & Time Acquired :	2023-03-24 15:21:06	DataFile Name :	043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	113633	116136	115499	115089	1.13	cps
Uranium	238-1	11797	12749	11447	11998	5.61	cps
Vanadium	51-2	23369	22448	22297	22705	2.56	cps
Ytterbium	172-1	2925	3384	3334	3214	7.82	cps
Ytterbium	172-2	2056	1995	1706	1919	9.74	cps
Ytterbium	176-1	3042	3601	3200	3281	8.77	cps
Ytterbium	176-2	10015	10538	10137	10230	2.67	cps
Yttrium	89-1	12074050	12422875	12584187	12360371	2.11	cps
Yttrium	89-2	1503805	1455062	1446019	1468296	2.12	cps
Zinc	66-2	18329	17901	18052	18094	1.20	cps
Zirconium	90-1	9545	9629	9795	9656	1.32	cps
Zirconium	91-1	2034	2142	2350	2175	7.40	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P8
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 15:27:45	DataFile Name :	044CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2738370	2687022	2541277	2655557	3.85	cps
Antimony	121-1	2188549	2118395	2100478	2135808	2.18	cps
Arsenic	75-2	78831	77512	74881	77075	2.61	cps
Barium	135-1	2735189	2727721	2656976	2706629	1.59	cps
Barium	137-1	4595603	4598909	4688406	4627640	1.14	cps
Beryllium	9-1	1051170	1046535	1059063	1052256	0.60	cps
Bismuth	209-1	5140545	5016828	5817707	5325027	8.10	cps
Bismuth	209-2	3028398	2935065	2984915	2982793	1.57	cps
Boron	10-1	233434	247871	254391	245232	4.37	cps
Boron	11-1	970149	1022836	1023580	1005522	3.05	cps
Bromine	81-1	36323	35672	35487	35827	1.23	cps
Cadmium	111-1	561398	565874	564226	563833	0.40	cps
Cadmium	106-1	71847	75021	76782	74550	3.35	cps
Cadmium	108-1	48624	49953	49192	49256	1.35	cps
Calcium	43-1	4679508	4544619	4511825	4578651	1.94	cps
Calcium	44-1	74070071	73216813	73138058	73474981	0.70	cps
Carbon	12-1	5425962	5593821	5789524	5603103	3.25	cps
Carbon	12-2	67573	69473	68351	68466	1.40	cps
Chlorine	35-1	2296336	2199748	2205303	2233796	2.43	cps
Chlorine	35-2	15751	15801	15734	15762	0.22	cps
Chromium	52-2	803957	790006	753604	782523	3.32	cps
Cobalt	59-2	1490836	1418051	1370880	1426589	4.24	cps
Copper	63-2	11341418	11406976	11110653	11286349	1.38	cps
Dysprosium	156-1	358	558	583	500	24.66	cps
Dysprosium	156-2	237	303	323	288	15.77	cps
Erbium	164-1	83	117	117	106	18.23	cps
Erbium	164-2	47	63	50	53	16.53	cps
Gadolinium	160-1	583	533	667	594	11.33	cps
Gadolinium	160-2	420	437	400	419	4.38	cps
Holmium	165-1	8485427	8485951	9665096	8878825	7.67	cps
Holmium	165-2	4485091	4453634	4388799	4442508	1.11	cps
Indium	115-1	7082909	7255167	8328751	7555609	8.93	cps
Indium	115-2	1208373	1205097	1199039	1204170	0.39	cps
Iron	54-2	9279760	8891047	8880802	9017203	2.52	cps
Iron	56-2	166317287	163810420	159690526	163272744	2.05	cps
Iron	57-2	4208821	4202904	4033559	4148428	2.40	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P8
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 15:27:45	DataFile Name :	044CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	362	380	385	376	3.14	cps
Lead	206-1	8748512	8930772	8757335	8812206	1.17	cps
Lead	207-1	7829880	7871907	7665424	7789070	1.40	cps
Lead	208-1	35752590	36141250	34981272	35625037	1.66	cps
Lithium	6-1	4056016	4159662	4757332	4324337	8.75	cps
Magnesium	24-2	38026282	35795885	34808045	36210071	4.55	cps
Manganese	55-2	4336791	4189625	4160224	4228880	2.24	cps
Molybdenum	94-1	9413240	9516421	9522427	9484029	0.65	cps
Molybdenum	95-1	13816310	14153504	13792933	13920915	1.45	cps
Molybdenum	96-1	14681735	15219988	14909268	14936997	1.81	cps
Molybdenum	97-1	8442887	8413388	8342338	8399538	0.62	cps
Molybdenum	98-1	21457514	21988111	21064163	21503263	2.16	cps
Neodymium	150-1	413	347	240	333	26.23	cps
Neodymium	150-2	27	30	20	26	19.92	cps
Nickel	60-2	390472	381280	371942	381231	2.43	cps
Phosphorus	31-2	32621	31610	31351	31861	2.11	cps
Potassium	39-2	12238267	12382316	12023309	12214631	1.48	cps
Rhodium	103-1	6827982	7058599	7922687	7269756	7.94	cps
Rhodium	103-2	3408741	3368205	3377131	3384692	0.63	cps
Scandium	45-1	5938198	6025691	7049593	6337828	9.75	cps
Scandium	45-2	201640	200792	202311	201581	0.38	cps
Selenium	82-1	58603	59239	58074	58639	1.00	cps
Selenium	77-2	1980	1927	1863	1923	3.04	cps
Selenium	78-2	6842	6622	6533	6666	2.39	cps
Silicon	28-1	21274878	21361667	21537580	21391375	0.63	cps
Silver	107-1	3099128	3226467	3245962	3190519	2.50	cps
Silver	109-1	3097474	3074161	3014408	3062015	1.40	cps
Sodium	23-2	65412314	64945614	63038793	64465574	1.95	cps
Strontium	86-1	20688328	21158663	20888460	20911817	1.13	cps
Strontium	88-1	178454083	180448304	181013271	179971886	0.75	cps
Sulfur	34-1	876130	876638	869261	874009	0.47	cps
Terbium	159-1	8605252	8763838	10227020	9198703	9.72	cps
Terbium	159-2	4370312	4248831	4497158	4372100	2.84	cps
Thallium	203-1	2109024	2182555	2120046	2137208	1.86	cps
Thallium	205-1	4939070	4953075	4959455	4950533	0.21	cps
Tin	118-1	1994924	1987513	1956792	1979743	1.02	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P8
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 15:27:45	DataFile Name :	044CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4489917	4451311	4395176	4445468	1.07	cps
Uranium	238-1	6889594	6701270	6766614	6785826	1.41	cps
Vanadium	51-2	647549	623922	609614	627028	3.06	cps
Ytterbium	172-1	317	192	217	242	27.37	cps
Ytterbium	172-2	167	133	94	131	27.49	cps
Ytterbium	176-1	10596	10146	10588	10443	2.47	cps
Ytterbium	176-2	13696	14130	13329	13718	2.92	cps
Yttrium	89-1	12138292	12235709	13941017	12771673	7.94	cps
Yttrium	89-2	1462907	1458787	1493817	1471837	1.30	cps
Zinc	66-2	1310289	1307348	1268377	1295338	1.81	cps
Zirconium	90-1	4647797	4693171	4661718	4667562	0.50	cps
Zirconium	91-1	1001767	1002631	1023402	1009267	1.21	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	CCB05	Instrumnet Name :	P8
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 15:36:17	DataFile Name :	045CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	112	122	141	125	11.63	cps
Antimony	121-1	267	308	308	294	8.17	cps
Arsenic	75-2	4	6	9	6	39.74	cps
Barium	135-1	67	67	17	50	57.73	cps
Barium	137-1	125	75	117	106	25.38	cps
Beryllium	9-1	176	190	155	174	10.15	cps
Bismuth	209-1	5260510	5217883	5321118	5266504	0.99	cps
Bismuth	209-2	3278575	3248062	3116765	3214467	2.67	cps
Boron	10-1	5268	5492	5114	5291	3.59	cps
Boron	11-1	23039	22419	22687	22715	1.37	cps
Bromine	81-1	35596	36332	36097	36008	1.04	cps
Cadmium	111-1	409	438	408	418	4.15	cps
Cadmium	106-1	3959	4351	3959	4090	5.53	cps
Cadmium	108-1	17	25	25	22	21.64	cps
Calcium	43-1	216	225	194	212	7.62	cps
Calcium	44-1	16127	15352	15190	15556	3.22	cps
Carbon	12-1	5062799	5074513	5079109	5072140	0.17	cps
Carbon	12-2	56509	57814	55874	56732	1.74	cps
Chlorine	35-1	1300312	1303961	1315078	1306451	0.59	cps
Chlorine	35-2	9537	9262	8745	9181	4.38	cps
Chromium	52-2	720	700	657	692	4.68	cps
Cobalt	59-2	53	73	77	68	18.62	cps
Copper	63-2	1367	1420	1270	1352	5.62	cps
Dysprosium	156-1	17	8	0	8	100.02	cps
Dysprosium	156-2	0	7	10	6	91.64	cps
Erbium	164-1	75	67	42	61	28.38	cps
Erbium	164-2	37	33	33	34	5.60	cps
Gadolinium	160-1	67	92	83	81	15.80	cps
Gadolinium	160-2	53	110	137	100	42.56	cps
Holmium	165-1	8277634	8473760	8306303	8352566	1.27	cps
Holmium	165-2	4274219	4303792	4242337	4273450	0.72	cps
Indium	115-1	7314045	7252862	7156072	7240993	1.10	cps
Indium	115-2	1214676	1198614	1197026	1203439	0.81	cps
Iron	54-2	789	839	850	826	3.94	cps
Iron	56-2	5596	5835	5768	5733	2.15	cps
Iron	57-2	250	256	228	244	6.01	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	CCB05	Instrumnet Name :	P8
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 15:36:17	DataFile Name :	045CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	332	376	354	354	6.18	cps
Lead	206-1	856	744	617	739	16.18	cps
Lead	207-1	778	622	644	682	12.35	cps
Lead	208-1	3556	3078	2867	3167	11.15	cps
Lithium	6-1	4074984	4164274	4253667	4164308	2.15	cps
Magnesium	24-2	542	642	567	583	8.92	cps
Manganese	55-2	97	107	87	97	10.34	cps
Molybdenum	94-1	558	367	425	450	21.83	cps
Molybdenum	95-1	475	283	233	331	38.59	cps
Molybdenum	96-1	658	367	375	467	35.58	cps
Molybdenum	97-1	308	200	125	211	43.66	cps
Molybdenum	98-1	842	450	367	553	45.88	cps
Neodymium	150-1	0	7	13	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	17	27	23	22	22.91	cps
Phosphorus	31-2	150	150	167	156	6.19	cps
Potassium	39-2	28687	27310	27527	27841	2.66	cps
Rhodium	103-1	7222808	7286085	7412416	7307103	1.32	cps
Rhodium	103-2	3461652	3423969	3528128	3471250	1.52	cps
Scandium	45-1	5683440	5762119	5860685	5768748	1.54	cps
Scandium	45-2	199968	194150	196429	196849	1.49	cps
Selenium	82-1	71	-26	16	20	239.43	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	53	58	66	59	11.11	cps
Silicon	28-1	820306	829180	816591	822026	0.79	cps
Silver	107-1	208	192	150	183	16.39	cps
Silver	109-1	133	175	167	158	13.92	cps
Sodium	23-2	31710	31626	32378	31905	1.29	cps
Strontium	86-1	1058	983	867	970	9.96	cps
Strontium	88-1	3901	2217	1984	2700	38.74	cps
Sulfur	34-1	467744	467526	461363	465544	0.78	cps
Terbium	159-1	8418614	8607790	8694409	8573605	1.65	cps
Terbium	159-2	4307135	4162278	4267956	4245790	1.76	cps
Thallium	203-1	425	417	433	425	1.96	cps
Thallium	205-1	958	800	892	883	9.00	cps
Tin	118-1	400	333	450	394	14.84	cps

LB Number :	LB124682	Operator :	Jaswal
Lab Sample ID :	CCB05	Instrumnet Name :	P8
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired :	2023-03-24 15:36:17	DataFile Name :	045CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	267	142	133	181	41.37	cps
Uranium	238-1	142	167	33	114	62.23	cps
Vanadium	51-2	10	33	3	16	101.28	cps
Ytterbium	172-1	50	67	92	69	30.20	cps
Ytterbium	172-2	44	50	28	41	28.38	cps
Ytterbium	176-1	1292	1400	1258	1317	5.63	cps
Ytterbium	176-2	8147	8403	8786	8445	3.81	cps
Yttrium	89-1	11823678	11832691	11704782	11787050	0.61	cps
Yttrium	89-2	1407298	1397873	1346474	1383882	2.37	cps
Zinc	66-2	73	83	97	84	13.87	cps
Zirconium	90-1	633	458	508	533	16.90	cps
Zirconium	91-1	100	117	133	117	14.29	cps