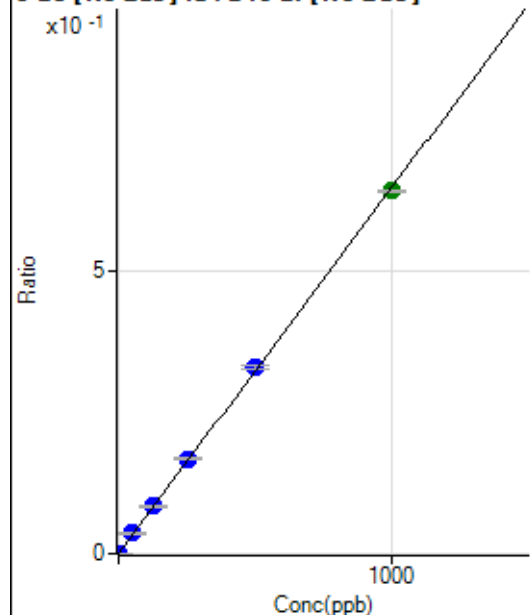


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8022423MS.b\
Analysis File: P8022423MS.batch.bin
DA Date-Time: 2023-02-24 17:11:33
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2023-02-24 14:10:21
2	005CALS.d	S02	2023-02-24 14:13:34
3	006CALS.d	S03	2023-02-24 14:16:49
4	007CALS.d	S04	2023-02-24 14:20:00
5	008CALS.d	S05	2023-02-24 14:23:09
6	009CALS.d	S06	2023-02-24 14:26:15
7	010CALS.d	S07	2023-02-24 14:29:24
8	011CALS.d	S08	2023-02-24 14:32:31

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	144.57	0.0001	P	14.2
2	☐	1.000	1.066	1800.31	0.0007	P	5.1
3	☐	50.000	55.134	85922.66	0.0357	P	9.6
4	☐	125.000	130.402	211141.26	0.0844	P	3.4
5	☐	250.000	258.775	416906.49	0.1675	P	1.1
6	☐	500.000	509.741	804470.88	0.3299	P	1.6
7	☐	1000.000	992.004	1557720.39	0.6419	A	0.8
8	☐			602.44	0.0003	P	4.3

$$y = 6.4700\text{E-}004 * x + 5.7533\text{E-}005$$

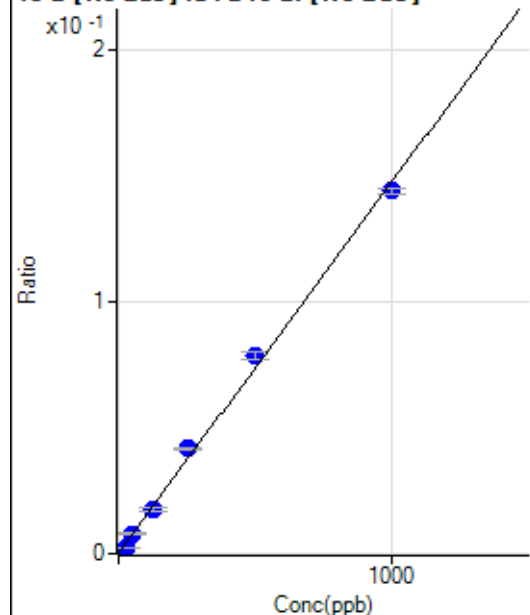
$$R = 0.9999$$

$$DL = 0.038$$

$$BEC = 0.08892$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	544.57	0.0002	P	7.7
2	☐	25.000	13.834	5427.27	0.0023	P	9.5
3	☐	50.000	51.246	18657.46	0.0078	P	12.5
4	☐	125.000	118.421	44173.85	0.0177	P	5.3
5	☐	250.000	281.516	103841.01	0.0417	P	2.4
6	☐	500.000	531.795	191635.55	0.0786	P	4.4
7	☐	1000.000	977.263	350085.86	0.1443	P	1.9
8	☐			19308.23	0.0083	P	6.3

$$y = 1.4740\text{E-}004 * x + 2.1675\text{E-}004$$

$$R = 0.9984$$

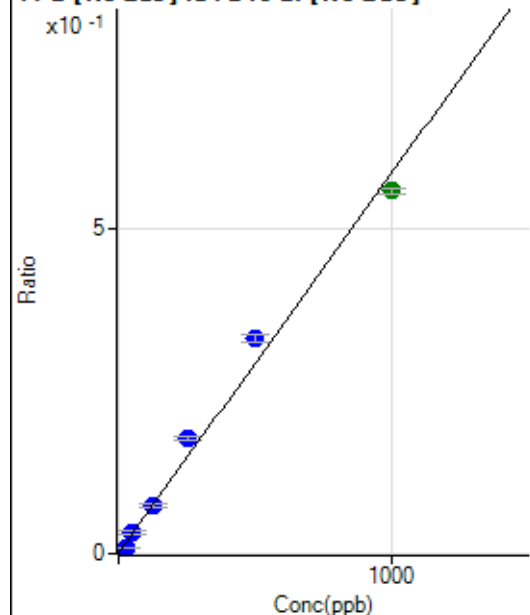
$$DL = 0.3417$$

$$BEC = 1.47$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2423.06	0.0010	P	2.4
2	☐	25.000	14.896	23259.12	0.0097	P	9.4
3	☐	50.000	54.806	79246.33	0.0330	P	11.6
4	☐	125.000	126.007	186445.71	0.0746	P	6.5
5	☐	250.000	301.197	440557.41	0.1770	P	2.7
6	☐	500.000	566.473	809474.11	0.3320	P	3.1
7	☐	1000.000	953.851	1354911.94	0.5583	A	1.7
8	☐			80405.05	0.0347	P	5.7

$$y = 5.8434\text{E-}004 * x + 9.6408\text{E-}004$$

$$R = 0.9946$$

$$DL = 0.1205$$

$$BEC = 1.65$$

Weight: <None>

Min Conc: 0

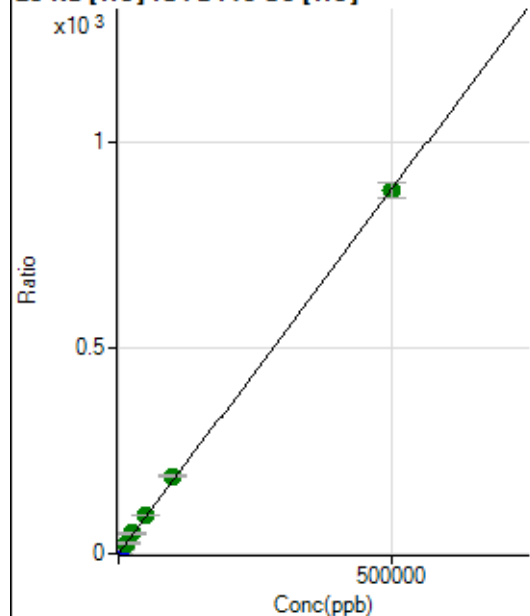
12 C [No Gas] No available calibration points



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			3096299.64		A	0.4
2	☐			3221247.51		A	1.0
3	☐			3466040.49		A	2.2
4	☐			3510350.64		A	1.3
5	☐			3772849.26		A	2.4
6	☐			3832180.73		A	0.9
7	☐			4388448.71		A	3.3
8	☐			3701565.84		A	0.6

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			36206.18		P	2.0
2	☐			37737.96		P	0.7
3	☐			40681.78		P	0.8
4	☐			41581.52		P	1.9
5	☐			45841.48		P	1.4
6	☐			46649.44		P	2.0
7	☐			54523.72		P	2.3
8	☐			45011.24		P	2.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	12124.77	0.1629	P	0.8
2	☐	500.000	456.707	76179.82	0.9707	P	6.1
3	☐	5000.000	5104.591	712311.28	9.1915	P	5.3
4	☐	12500.000	14207.157	1738297.02	25.2915	A	8.4
5	☐	25000.000	28033.353	3545889.58	49.7462	A	3.3
6	☐	50000.000	53289.154	6767467.25	94.4167	A	1.3
7	☐	100000.00	105906.50	13338265.75	187.4823	A	2.1
8	☐	500000.00	498294.43	61314435.40	881.5081	A	4.1

$$y = 0.0018 * x + 0.1629$$

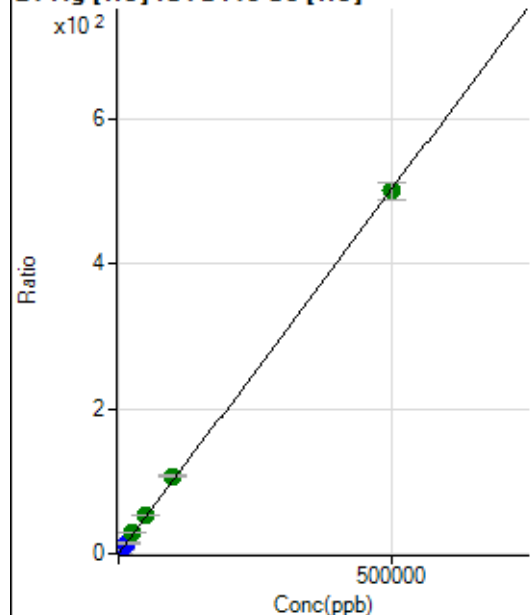
$$R = 0.9999$$

$$DL = 2.107$$

$$BEC = 92.12$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1108.41	0.0149	P	2.9
2	☐	500.000	466.800	38017.04	0.4842	P	5.0
3	☐	5000.000	5065.237	395655.66	5.1074	P	6.3
4	☐	12500.000	14272.384	986173.30	14.3641	P	10.0
5	☐	25000.000	28046.343	2011111.85	28.2123	A	2.1
6	☐	50000.000	53199.257	3834844.92	53.5006	A	1.4
7	☐	100000.00	106575.86	7624613.80	107.1646	A	1.8
8	☐	500000.00	498167.65	34835658.07	500.8649	A	4.5

$$y = 0.0010 * x + 0.0149$$

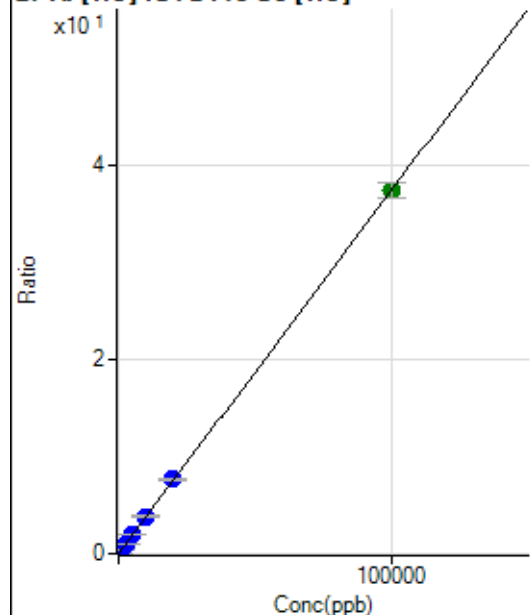
$$R = 0.9999$$

$$DL = 1.308$$

$$BEC = 14.82$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	77.07	0.0010	P	9.0
2	☐	20.000	18.234	616.61	0.0079	P	9.0
3	☐	1000.000	986.677	28685.37	0.3701	P	4.7
4	☐	2500.000	2749.341	70638.95	1.0293	P	10.6
5	☐	5000.000	5312.892	141725.93	1.9881	P	1.0
6	☐	10000.000	10228.112	274281.00	3.8264	P	1.8
7	☐	20000.000	20582.144	547778.42	7.6988	P	2.1
8	☐	100000.00	99839.015	2597255.61	37.3412	A	4.2

$$y = 3.7400E-004 * x + 0.0010$$

$$R = 1.0000$$

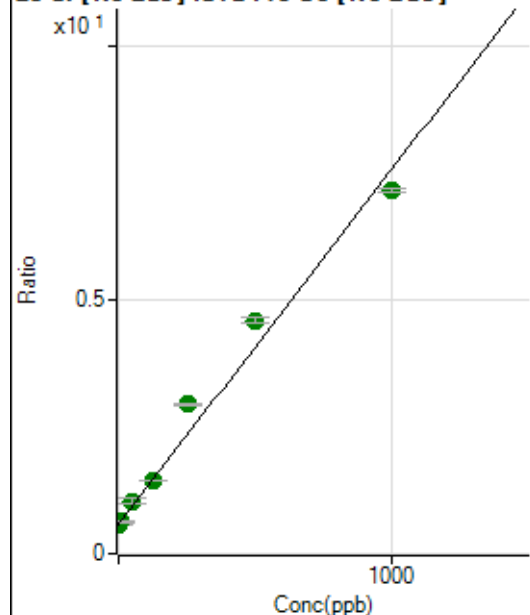
$$DL = 0.7501$$

$$BEC = 2.768$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1224010.20	0.5785	A	2.6
2	☐	10.000	6.850	1252472.10	0.6263	A	8.4
3	☐	50.000	65.451	2061571.12	1.0356	A	11.8
4	☐	125.000	123.625	3049390.32	1.4419	A	1.9
5	☐	250.000	338.187	6146690.15	2.9405	A	0.8
6	☐	500.000	574.938	9557197.70	4.5941	A	2.6
7	☐	1000.000	939.915	14811325.16	7.1433	A	1.1
8	☐			1305180.04	0.6235	A	3.5

$$y = 0.0070 * x + 0.5785$$

$$R = 0.9905$$

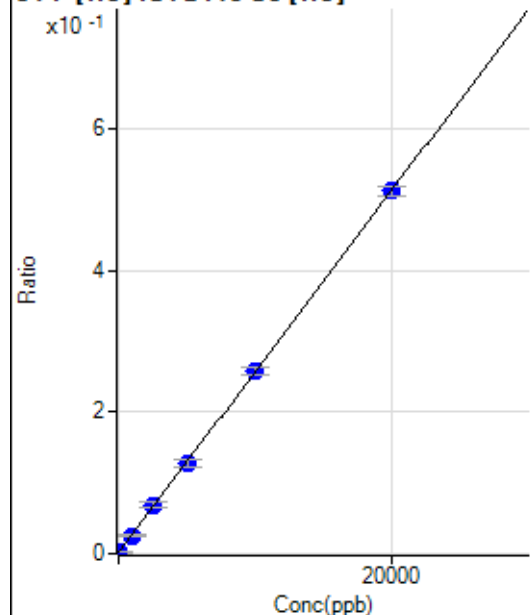
$$DL = 6.487$$

$$BEC = 82.83$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-10.811	94.45	0.0013	P	32.9
2	☐	0.000	10.811	141.67	0.0018	P	30.9
3	☐	1000.000	918.507	1936.30	0.0250	P	8.3
4	☐	2500.000	2613.328	4684.21	0.0683	P	11.3
5	☐	5000.000	4929.051	9080.85	0.1274	P	6.8
6	☐	10000.000	10032.964	18476.09	0.2578	P	3.5
7	☐	20000.000	19991.164	36429.58	0.5120	P	2.9
8	☐			100.01	0.0014	P	15.8

$$y = 2.5537E-005 * x + 0.0015$$

$$R = 1.0000$$

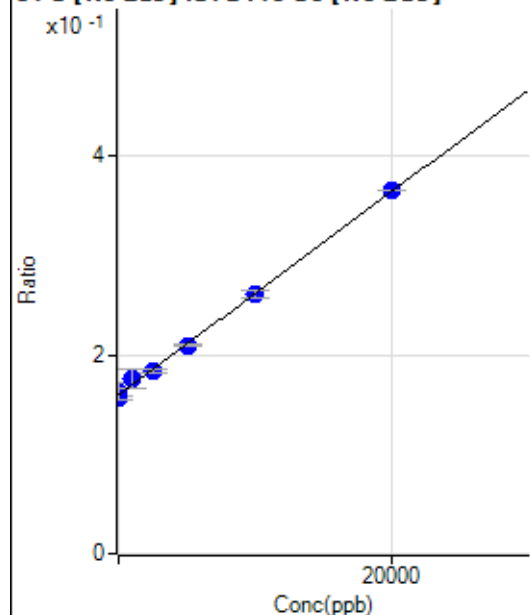
$$DL = 57.55$$

$$BEC = 60.44$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-264.199	332693.95	0.1572	P	2.7
2	☐	0.000	264.199	324750.83	0.1626	P	10.6
3	☐	1000.000	1628.886	351811.34	0.1766	P	10.5
4	☐	2500.000	2266.678	387198.96	0.1831	P	2.2
5	☐	5000.000	4845.854	437818.20	0.2095	P	0.8
6	☐	10000.000	9947.832	544143.77	0.2616	P	3.1
7	☐	20000.000	20062.342	756775.72	0.3650	P	0.1
8	☐			294254.98	0.1405	P	0.6

$$y = 1.0220\text{E-}005 * x + 0.1599$$

$$R = 0.9990$$

$$DL = 3138$$

$$BEC = 1.565\text{E}+04$$

Weight: <None>

Min Conc: 0

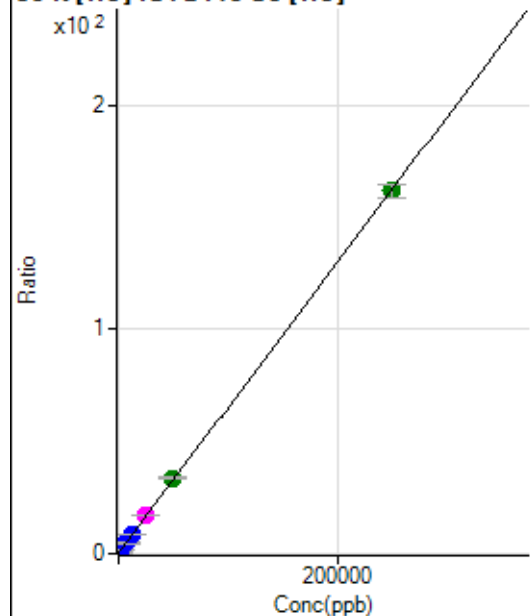
35 Cl [No Gas] No available calibration points



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			181189.07		P	1.2
2	☐			206366.25		P	0.4
3	☐			211864.94		P	0.5
4	☐			213301.72		P	1.3
5	☐			207163.39		P	0.7
6	☐			208778.06		P	1.3
7	☐			209871.07		P	0.1
8	☐			202709.19		P	1.0

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1408.44		P	8.7
2	☐			1494.57		P	7.6
3	☐			1547.35		P	7.0
4	☐			1516.78		P	7.2
5	☐			1619.58		P	3.9
6	☐			1472.33		P	2.4
7	☐			1597.35		P	7.1
8	☐			1291.76		P	4.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	25598.29	0.3441	P	3.4
2	☐	500.000	427.706	48733.02	0.6210	P	6.1
3	☐	2500.000	2416.802	147890.52	1.9089	P	6.0
4	☐	6250.000	6842.963	327670.66	4.7747	P	10.6
5	☐	12500.000	13076.857	628082.38	8.8109	P	1.8
6	☐	25000.000	25542.311	1210045.30	16.8819	M	1.1
7	☐	50000.000	51729.876	2407804.52	33.8375	A	1.1
8	☐	250000.00	249557.10	11263528.46	161.9240	A	3.7

$$y = 6.4747\text{E-}004 * x + 0.3441$$

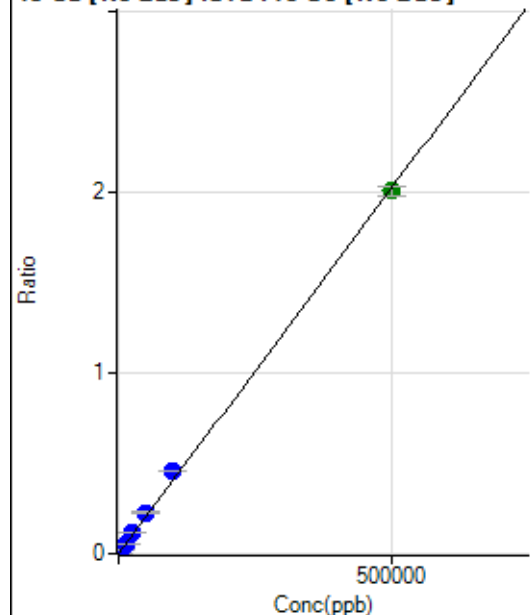
$$R = 1.0000$$

$$DL = 53.92$$

$$BEC = 531.4$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	98.74	0.0000	P	9.6
2	☐	500.000	516.893	4277.61	0.0021	P	8.3
3	☐	5000.000	6030.449	48694.49	0.0245	P	11.6
4	☐	12500.000	14092.630	120752.27	0.0571	P	1.5
5	☐	25000.000	28254.980	239183.85	0.1144	P	0.7
6	☐	50000.000	56541.429	476174.20	0.2289	P	3.5
7	☐	100000.00	113226.12	950413.06	0.4584	P	1.3
8	☐	500000.00	496487.74	4207758.46	2.0099	A	2.9

$$y = 4.0481\text{E-}006 * x + 4.6636\text{E-}005$$

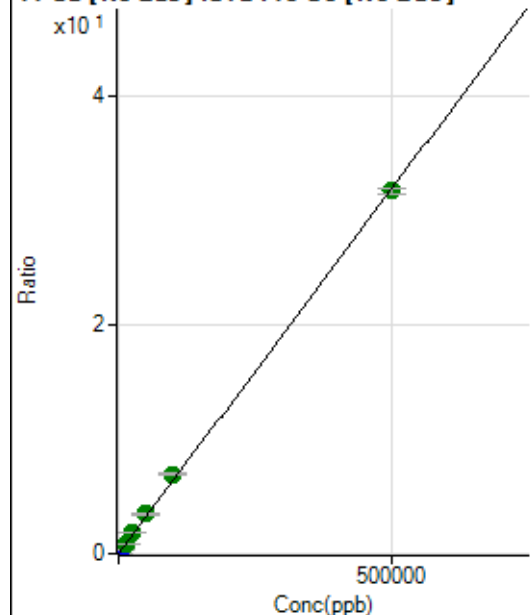
$$R = 0.9996$$

$$DL = 3.312$$

$$BEC = 11.52$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6970.83	0.0033	P	2.3
2	☐	500.000	537.627	74910.56	0.0375	P	11.3
3	☐	5000.000	5939.896	759339.53	0.3815	P	12.1
4	☐	12500.000	13672.882	1848617.90	0.8740	A	2.6
5	☐	25000.000	28085.748	3745254.14	1.7918	A	0.9
6	☐	50000.000	54796.489	7264561.37	3.4927	A	3.6
7	☐	100000.00	108872.04	14384118.05	6.9361	A	1.5
8	☐	500000.00	497552.89	66338811.09	31.6867	A	1.6

$$y = 6.3679\text{E-}005 * x + 0.0033$$

$$R = 0.9998$$

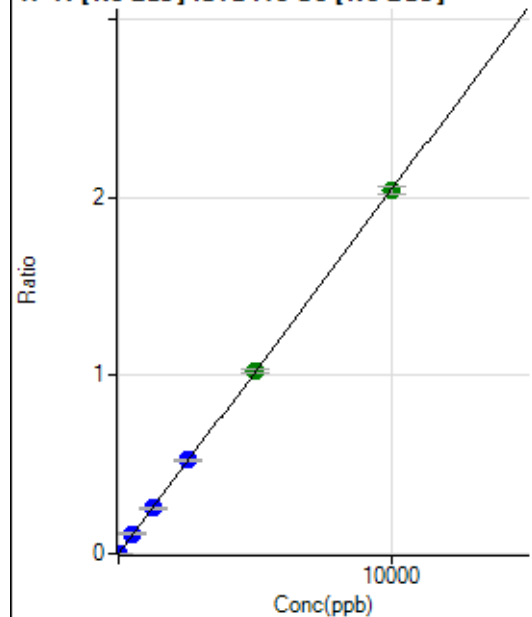
$$DL = 3.52$$

$$BEC = 51.73$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	166.68	0.0001	P	15.4
2	☐	5.000	4.933	2172.45	0.0011	P	11.1
3	☐	500.000	541.590	220563.59	0.1109	P	12.4
4	☐	1250.000	1246.852	539533.49	0.2551	P	1.1
5	☐	2500.000	2563.122	1096018.15	0.5243	P	0.6
6	☐	5000.000	5028.674	2140034.92	1.0286	A	1.9
7	☐	10000.000	9968.197	4227564.46	2.0389	A	2.1
8	☐			1052.84	0.0005	P	4.5

$$y = 2.0453\text{E-}004 * x + 7.8916\text{E-}005$$

$$R = 1.0000$$

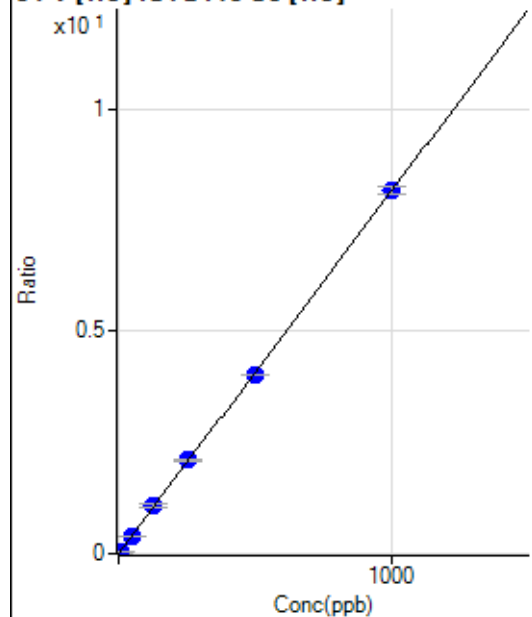
$$DL = 0.1788$$

$$BEC = 0.3858$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	12.22	0.0002	P	16.6
2	☐	5.000	4.491	2882.55	0.0368	P	11.8
3	☐	50.000	47.192	29818.95	0.3850	P	6.6
4	☐	125.000	132.598	74165.43	1.0814	P	11.6
5	☐	250.000	257.849	149895.57	2.1028	P	1.7
6	☐	500.000	493.971	288766.02	4.0282	P	0.5
7	☐	1000.000	1000.245	580369.51	8.1565	P	2.2
8	☐			196.67	0.0028	P	5.6

$$y = 0.0082 * x + 1.6441\text{E-}004$$

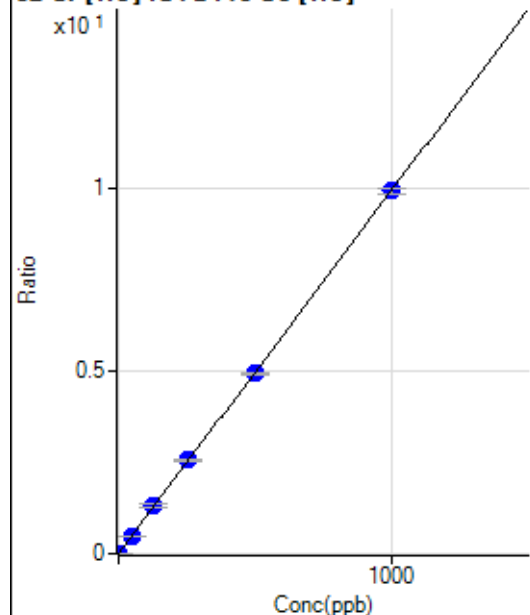
$$R = 0.9999$$

$$DL = 0.01006$$

$$BEC = 0.02016$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	277.78	0.0037	P	16.0
2	☐	2.000	1.660	1583.44	0.0202	P	10.2
3	☐	50.000	48.001	37178.37	0.4799	P	6.2
4	☐	125.000	130.864	89379.85	1.3019	P	10.1
5	☐	250.000	257.629	182448.74	2.5595	P	2.0
6	☐	500.000	496.490	353339.23	4.9290	P	1.1
7	☐	1000.000	999.215	705526.08	9.9161	P	1.9
8	☐			6344.81	0.0912	P	4.5

$$y = 0.0099 * x + 0.0037$$

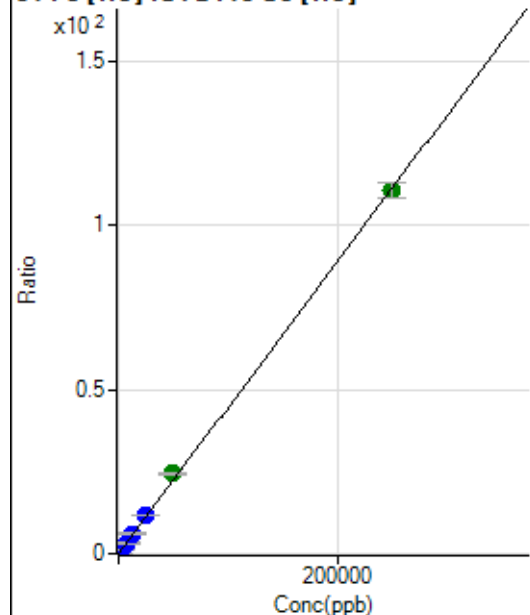
$$R = 0.9999$$

$$DL = 0.1809$$

$$BEC = 0.3765$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	450.01	0.0060	P	20.7
2	☐	50.000	45.421	2057.60	0.0262	P	3.5
3	☐	2500.000	2558.864	88383.81	1.1408	P	6.2
4	☐	6250.000	7014.827	213913.79	3.1169	P	10.5
5	☐	12500.000	13650.734	431922.96	6.0597	P	3.5
6	☐	25000.000	26246.681	834847.08	11.6455	P	1.1
7	☐	50000.000	55089.856	1738568.95	24.4365	A	2.4
8	☐	250000.00	248780.11	7673961.17	110.3315	A	4.3

$$y = 4.4347E-004 * x + 0.0060$$

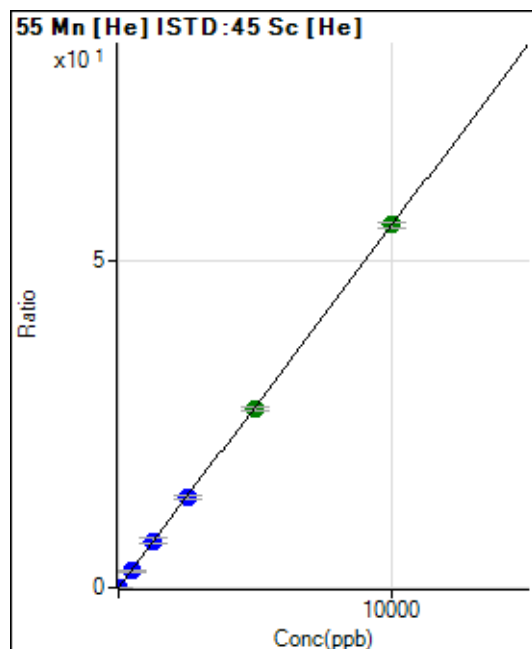
$$R = 0.9998$$

$$DL = 8.47$$

$$BEC = 13.63$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	97.78	0.0013	P	13.8
2	☐	1.000	0.942	512.24	0.0065	P	2.1
3	☐	500.000	459.778	196881.38	2.5425	P	7.2
4	☐	1250.000	1294.245	491218.58	7.1544	P	9.9
5	☐	2500.000	2501.242	985467.65	13.8254	P	3.1
6	☐	5000.000	4958.572	1964985.01	27.4067	A	2.3
7	☐	10000.000	10016.884	3938909.70	55.3634	A	1.9
8	☐			4198.44	0.0604	P	4.1

$$y = 0.0055 * x + 0.0013$$

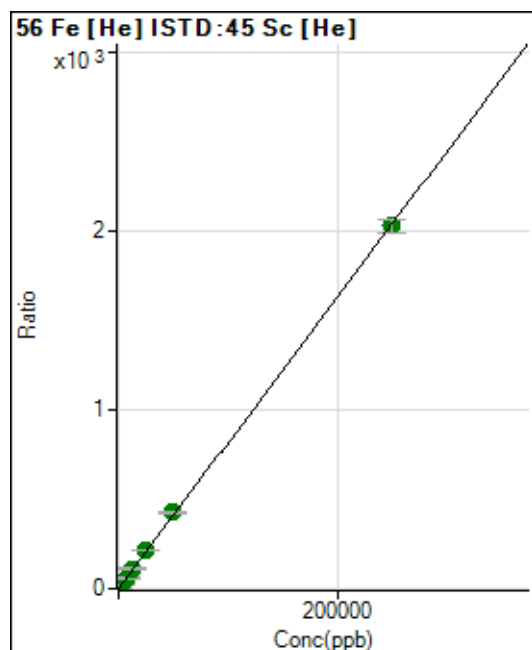
$$R = 1.0000$$

$$DL = 0.09826$$

$$BEC = 0.238$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2440.99	0.0328	P	6.5
2	☐	50.000	45.371	31496.12	0.4014	P	6.3
3	☐	2500.000	2557.668	1612290.21	20.8097	A	5.9
4	☐	6250.000	7190.084	4013501.19	58.4405	A	9.6
5	☐	12500.000	13844.579	8018864.47	112.4975	A	3.4
6	☐	25000.000	26096.273	15199902.89	212.0226	A	1.6
7	☐	50000.000	52347.397	30254779.38	425.2703	A	2.4
8	☐	250000.00	249329.58	140895255.9	2025.430	A	3.4

$$y = 0.0081 * x + 0.0328$$

$$R = 0.9999$$

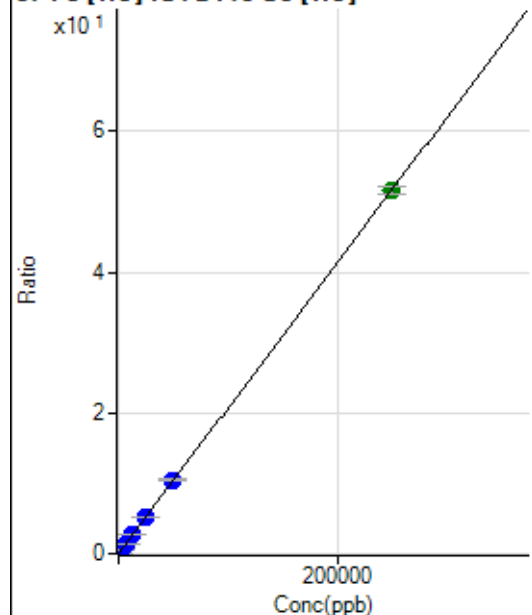
$$DL = 0.7869$$

$$BEC = 4.038$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	261.12	0.0035	P	12.9
2	☐	50.000	42.891	972.27	0.0124	P	0.9
3	☐	2500.000	2392.623	38530.01	0.4973	P	5.7
4	☐	6250.000	6780.198	96301.58	1.4027	P	10.0
5	☐	12500.000	13251.624	195183.26	2.7382	P	2.5
6	☐	25000.000	25183.194	372829.46	5.2004	P	1.7
7	☐	50000.000	50672.370	744224.78	10.4604	P	2.9
8	☐	250000.00	249797.44	3587412.23	51.5524	A	2.0

$$y = 2.0636E-004 * x + 0.0035$$

$$R = 1.0000$$

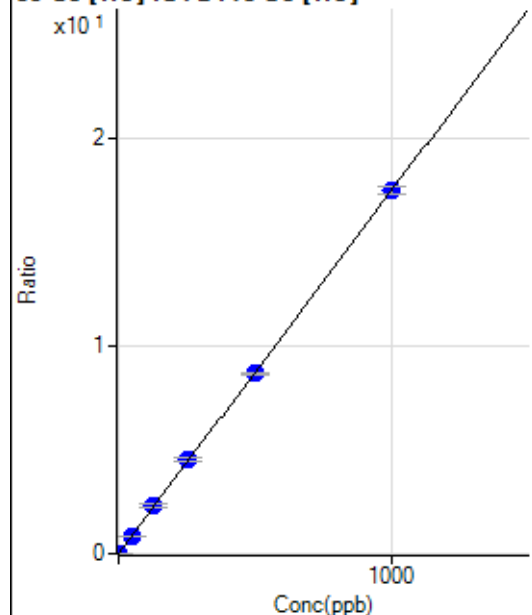
$$DL = 6.587$$

$$BEC = 17.02$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	110.00	0.0015	P	13.0
2	☐	1.000	0.896	1350.08	0.0172	P	1.1
3	☐	50.000	47.542	64623.67	0.8341	P	5.8
4	☐	125.000	131.664	158427.03	2.3072	P	9.8
5	☐	250.000	259.209	323669.19	4.5409	P	3.5
6	☐	500.000	495.238	621846.30	8.6744	P	0.7
7	☐	1000.000	999.369	1245313.42	17.5030	P	2.1
8	☐			1104.49	0.0159	P	3.1

$$y = 0.0175 * x + 0.0015$$

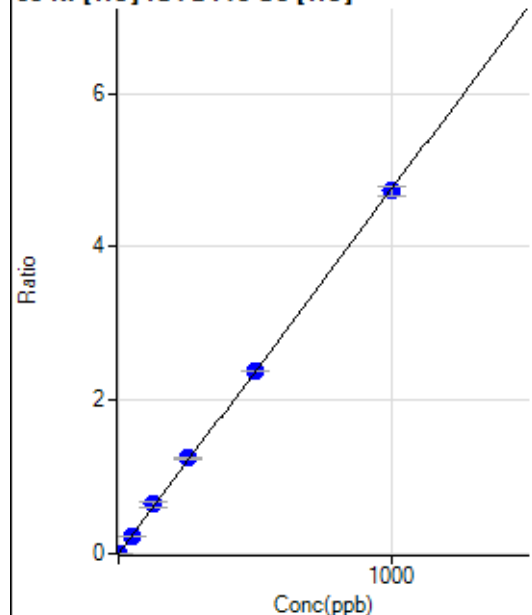
$$R = 0.9999$$

$$DL = 0.03293$$

$$BEC = 0.0844$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	46.67	0.0006	P	18.6
2	☐	1.000	0.911	387.79	0.0050	P	16.7
3	☐	50.000	48.263	17826.81	0.2299	P	3.9
4	☐	125.000	135.148	44131.71	0.6426	P	9.6
5	☐	250.000	261.283	88521.70	1.2418	P	1.8
6	☐	500.000	500.975	170634.79	2.3804	P	0.9
7	☐	1000.000	995.510	336483.84	4.7296	P	2.5
8	☐			1001.16	0.0144	P	3.3

$$y = 0.0048 * x + 6.2695E-004$$

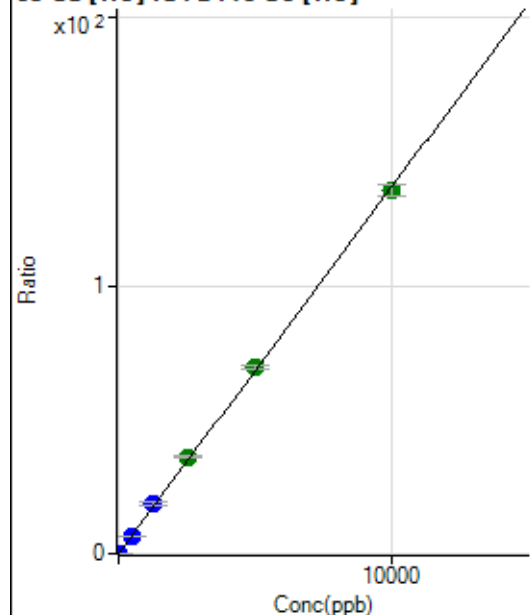
$$R = 0.9999$$

$$DL = 0.07355$$

$$BEC = 0.132$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	371.12	0.0050	P	11.9
2	☐	2.000	1.732	2252.43	0.0286	P	2.4
3	☐	500.000	482.428	511170.63	6.5965	P	5.4
4	☐	1250.000	1344.310	1262943.95	18.3725	P	8.2
5	☐	2500.000	2638.151	2569690.66	36.0504	A	2.9
6	☐	5000.000	5107.386	5002380.83	69.7878	A	1.8
7	☐	10000.000	9900.859	9624485.41	135.2816	A	3.1
8	☐			3051.47	0.0438	P	1.4

$$y = 0.0137 * x + 0.0050$$

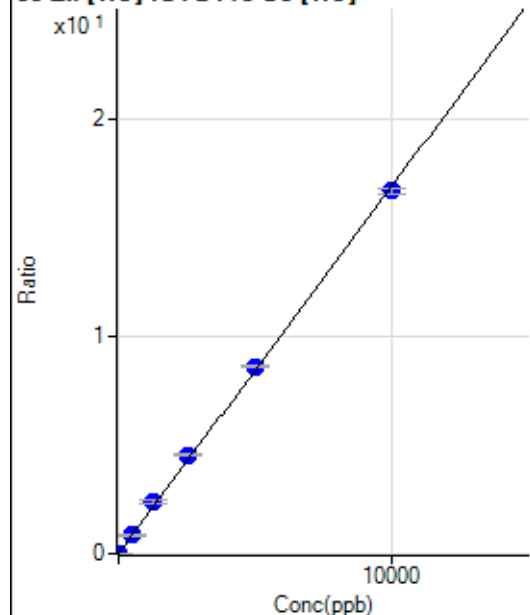
$$R = 0.9998$$

$$DL = 0.1302$$

$$BEC = 0.365$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	92.22	0.0012	P	12.5
2	☐	2.000	2.086	374.46	0.0048	P	3.6
3	☐	500.000	509.023	66713.02	0.8609	P	5.6
4	☐	1250.000	1411.074	163862.22	2.3844	P	8.8
5	☐	2500.000	2678.608	322564.84	4.5252	P	2.5
6	☐	5000.000	5103.259	617959.57	8.6202	P	1.3
7	☐	10000.000	9883.133	1187686.08	16.6930	P	1.7
8	☐			1311.19	0.0189	P	9.2

$$y = 0.0017 * x + 0.0012$$

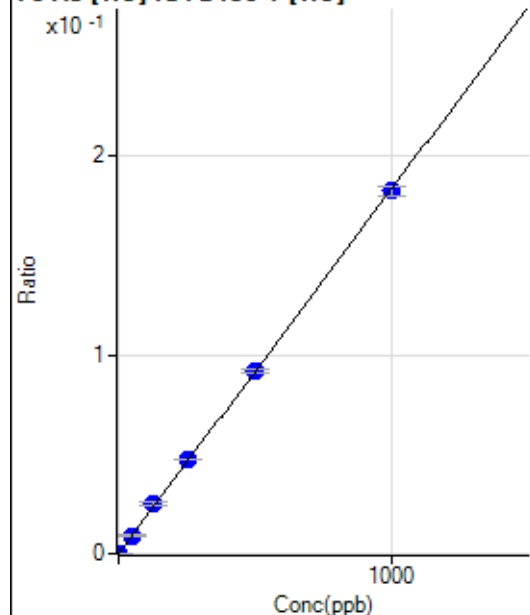
$$R = 0.9996$$

$$DL = 0.2748$$

$$BEC = 0.7344$$

Weight: <None>

Min Conc: 0

75 As [He] ISTD:89 Y [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	5.33	0.0000	P	65.2
2	☐	1.000	0.867	81.01	0.0002	P	5.8
3	☐	50.000	49.742	4247.41	0.0091	P	5.9
4	☐	125.000	136.631	10491.28	0.0251	P	9.6
5	☐	250.000	259.547	20837.07	0.0476	P	0.6
6	☐	500.000	502.043	40606.75	0.0920	P	1.8
7	☐	1000.000	995.151	80430.59	0.1824	P	2.6
8	☐			33.33	0.0001	P	7.2

$$y = 1.8326E-004 * x + 1.1750E-005$$

$$R = 0.9999$$

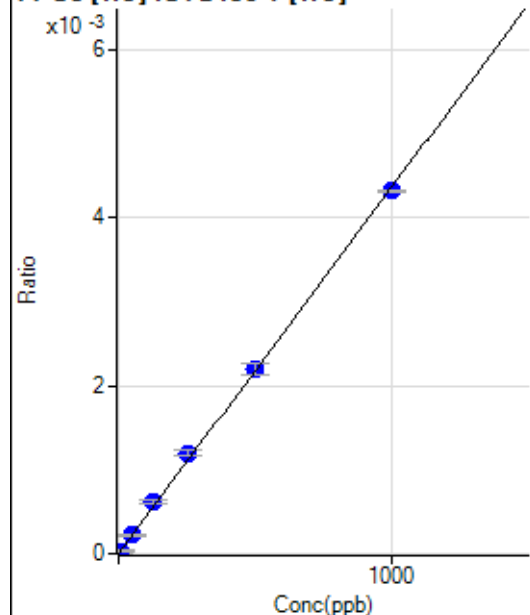
$$DL = 0.1253$$

$$BEC = 0.06412$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.
2	☐	5.000	6.456	14.44	0.0000	P	38.8
3	☐	50.000	51.340	105.56	0.0002	P	9.3
4	☐	125.000	143.406	263.34	0.0006	P	7.9
5	☐	250.000	273.347	523.35	0.0012	P	5.9
6	☐	500.000	502.602	968.93	0.0022	P	6.2
7	☐	1000.000	990.488	1906.81	0.0043	P	0.8
8	☐			3.33	0.0000	P	100.

$$y = 4.3621\text{E-}006 * x + 2.4735\text{E-}006$$

$$R = 0.9996$$

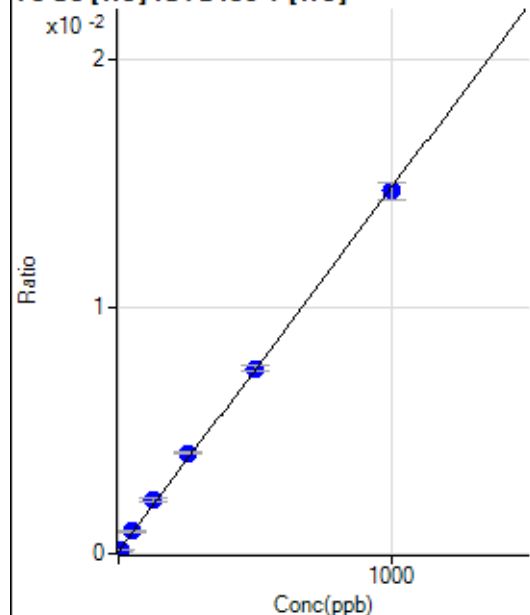
$$DL = 2.946$$

$$BEC = 0.567$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	40.33	0.0001	P	23.2
2	☐	5.000	5.347	80.01	0.0002	P	6.3
3	☐	50.000	55.538	423.05	0.0009	P	3.8
4	☐	125.000	141.107	910.79	0.0022	P	7.6
5	☐	250.000	269.339	1778.63	0.0041	P	2.0
6	☐	500.000	503.600	3316.40	0.0075	P	3.0
7	☐	1000.000	991.073	6485.49	0.0147	P	5.0
8	☐			48.01	0.0001	P	22.3

$$y = 1.4746\text{E-}005 * x + 8.9292\text{E-}005$$

$$R = 0.9997$$

$$DL = 4.215$$

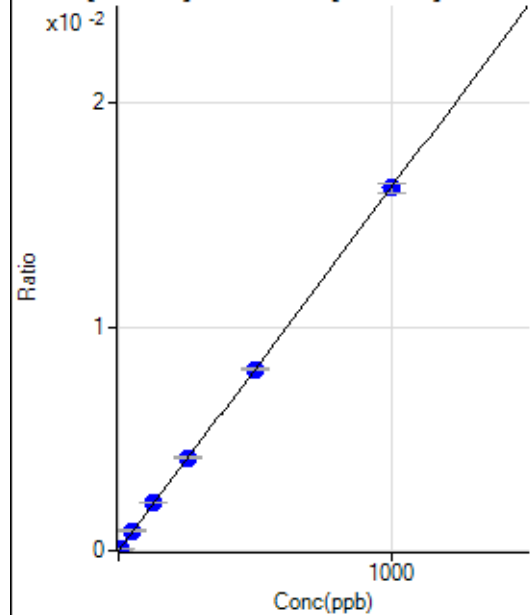
$$BEC = 6.055$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			29080.18		P	2.1
2	☐			28565.31		P	0.6
3	☐			28404.97		P	1.5
4	☐			28421.54		P	1.2
5	☐			28140.75		P	4.9
6	☐			28267.94		P	2.5
7	☐			28130.92		P	1.9
8	☐			28638.99		P	1.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	21.67	0.0000	P	194.
2	☐	5.000	4.665	286.23	0.0001	P	17.8
3	☐	50.000	55.049	3057.52	0.0009	P	12.4
4	☐	125.000	130.838	7777.19	0.0021	P	2.3
5	☐	250.000	254.991	15246.24	0.0041	P	2.6
6	☐	500.000	499.587	29548.19	0.0081	P	0.2
7	☐	1000.000	997.978	58203.52	0.0162	P	2.6
8	☐			113.74	0.0000	P	30.8

$$y = 1.6234E-005 * x + 6.0038E-006$$

$$R = 1.0000$$

$$DL = 2.162$$

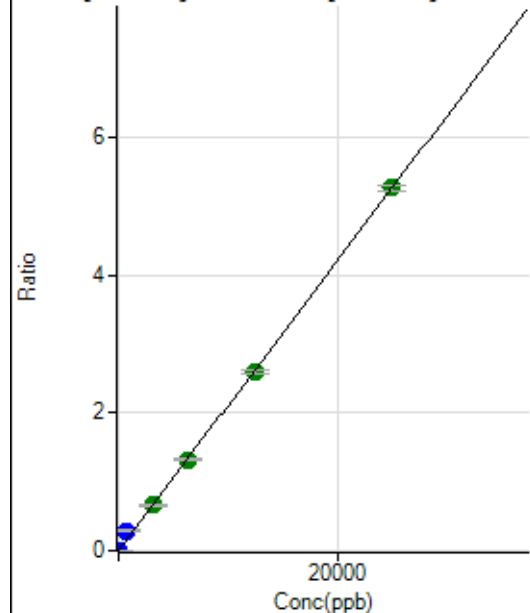
$$BEC = 0.3698$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			257.47		P	7.3
2	☐			251.22		P	6.5
3	☐			279.14		P	8.8
4	☐			272.89		P	2.8
5	☐			267.05		P	4.2
6	☐			257.05		P	12.7
7	☐			258.30		P	2.9
8	☐			237.06		P	11.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	436.13	0.0001	P	14.7
2	☐	1.000	1.164	1280.65	0.0004	P	6.0
3	☐	625.000	1361.983	973423.48	0.2865	P	12.4
4	☐	3125.000	3150.090	2418671.26	0.6624	A	2.0
5	☐	6250.000	6277.085	4854472.68	1.3198	A	1.8
6	☐	12500.000	12320.807	9430521.39	2.5905	A	2.1
7	☐	25000.000	25061.264	18925546.08	5.2690	A	1.4
8	☐			6560.09	0.0018	P	0.5

$$y = 2.1024\text{E-}004 * x + 1.1865\text{E-}004$$

$$R = 0.9995$$

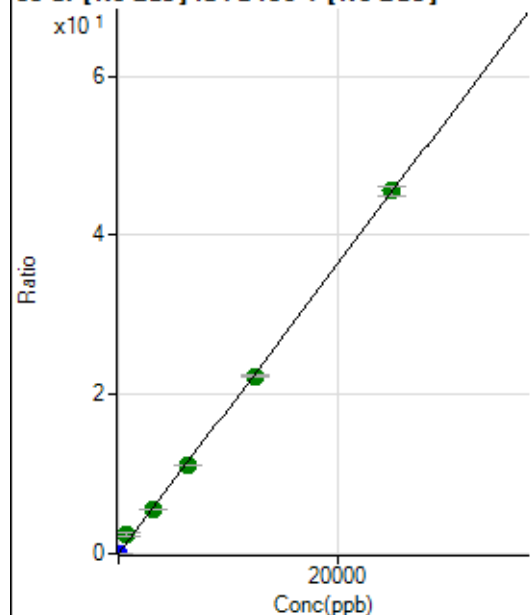
$$DL = 0.2492$$

$$BEC = 0.5644$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	247.23	0.0001	P	9.1
2	☐	1.000	0.977	6482.21	0.0018	P	5.6
3	☐	625.000	1323.591	8165030.74	2.4014	A	11.6
4	☐	3125.000	3079.347	20398577.19	5.5868	A	0.9
5	☐	6250.000	6165.257	41149806.82	11.1854	A	0.7
6	☐	12500.000	12298.284	81226654.59	22.3122	A	1.7
7	☐	25000.000	25110.286	163605984.2	45.5564	A	2.4
8	☐			51771.89	0.0141	P	1.7

$$y = 0.0018 * x + 6.7188E-005$$

$$R = 0.9995$$

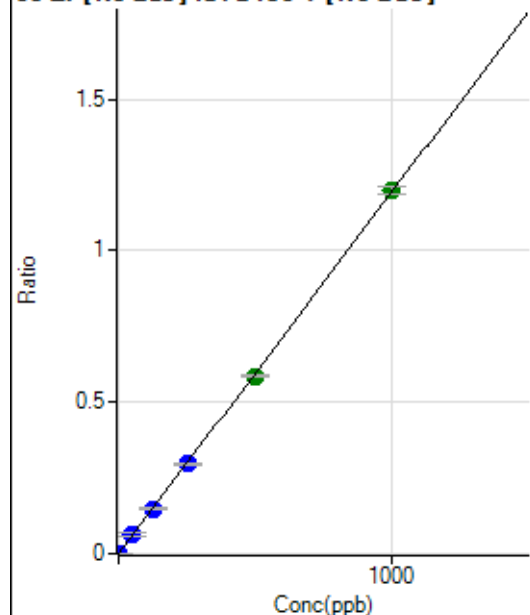
$$DL = 0.01014$$

$$BEC = 0.03703$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	180.56	0.0000	P	23.8
2	☐	1.000	0.898	3945.11	0.0011	P	4.8
3	☐	50.000	52.784	214055.11	0.0630	P	11.8
4	☐	125.000	124.802	543304.62	0.1488	P	1.4
5	☐	250.000	248.269	1088804.40	0.2960	P	0.6
6	☐	500.000	491.291	2132040.91	0.5856	A	1.2
7	☐	1000.000	1004.673	4301488.81	1.1976	A	2.2
8	☐			1380.66	0.0004	P	8.5

$$y = 0.0012 * x + 4.9108E-005$$

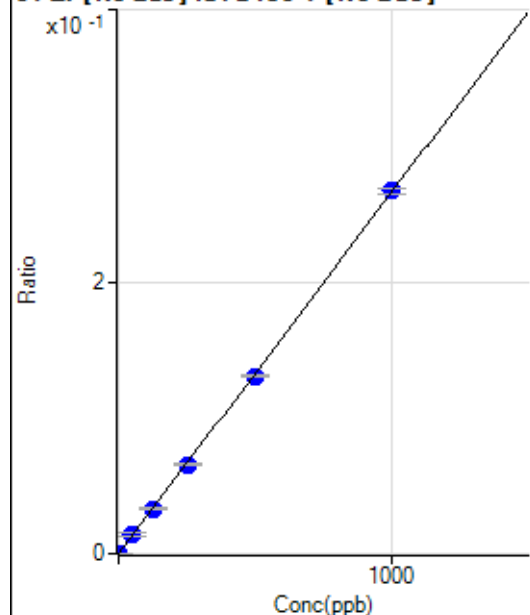
$$R = 0.9999$$

$$DL = 0.02937$$

$$BEC = 0.0412$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	36.11	0.0000	P	34.3
2	☐	1.000	0.948	922.28	0.0003	P	10.7
3	☐	50.000	53.027	47927.66	0.0141	P	12.0
4	☐	125.000	124.326	120647.02	0.0330	P	1.7
5	☐	250.000	247.288	241719.65	0.0657	P	1.8
6	☐	500.000	491.548	475551.59	0.1306	P	1.2
7	☐	1000.000	1004.837	959002.42	0.2670	P	1.4
8	☐			252.79	0.0001	P	7.3

$$y = 2.6571\text{E-}004 * x + 9.7914\text{E-}006$$

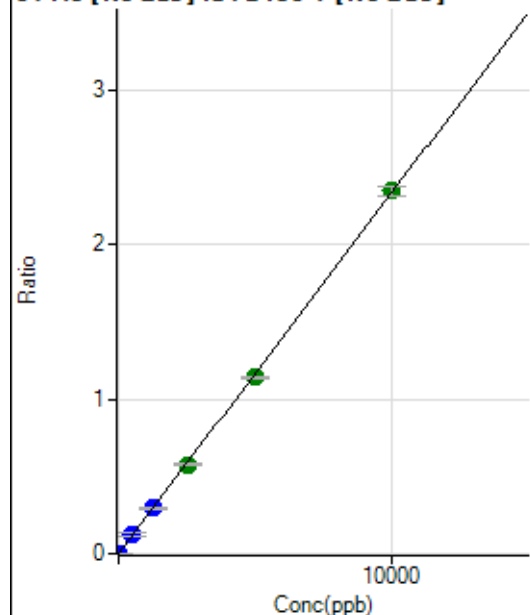
$$R = 0.9999$$

$$DL = 0.03791$$

$$BEC = 0.03685$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	91.67	0.0000	P	28.7
2	☐	5.000	5.474	4573.10	0.0013	P	13.4
3	☐	500.000	537.295	426272.62	0.1254	P	12.2
4	☐	1250.000	1258.145	1072181.24	0.2937	P	1.3
5	☐	2500.000	2477.443	2127115.02	0.5782	A	0.7
6	☐	5000.000	4889.002	4154214.07	1.1411	A	0.6
7	☐	10000.000	10058.255	8430444.03	2.3475	A	2.4
8	☐			2955.96	0.0008	P	3.3

$$y = 2.3339\text{E-}004 * x + 2.4985\text{E-}005$$

$$R = 0.9999$$

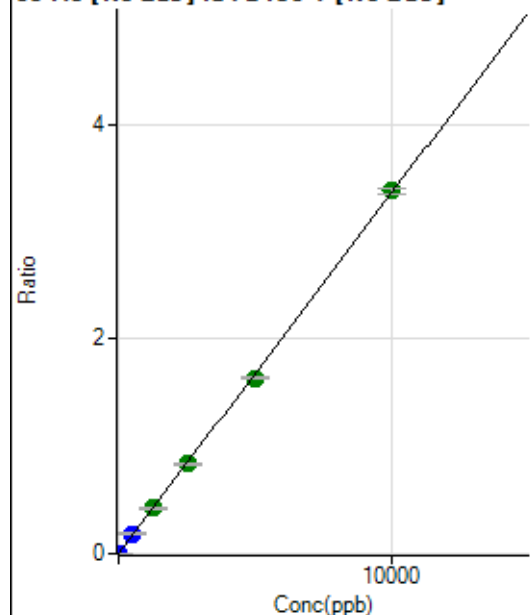
$$DL = 0.09226$$

$$BEC = 0.1071$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	88.89	0.0000	P	28.0
2	☐	5.000	4.776	5734.67	0.0016	P	7.5
3	☐	500.000	540.351	617634.70	0.1816	P	11.5
4	☐	1250.000	1262.370	1549013.13	0.4243	A	2.1
5	☐	2500.000	2491.473	3079783.69	0.8374	A	2.5
6	☐	5000.000	4874.042	5963603.26	1.6381	A	1.0
7	☐	10000.000	10061.547	12145424.75	3.3815	A	1.2
8	☐			4336.93	0.0012	P	0.6

$$y = 3.3608\text{E-}004 * x + 2.4147\text{E-}005$$

$$R = 0.9999$$

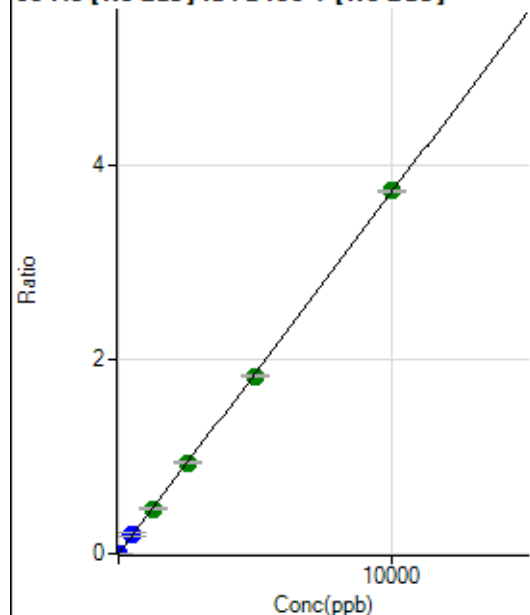
$$DL = 0.06029$$

$$BEC = 0.07185$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	111.12	0.0000	P	47.3
2	☐	5.000	5.004	6657.34	0.0019	P	3.4
3	☐	500.000	535.466	676040.90	0.1989	P	11.8
4	☐	1250.000	1249.770	1694276.02	0.4641	A	2.6
5	☐	2500.000	2509.023	3426779.16	0.9317	A	2.3
6	☐	5000.000	4909.539	6636912.65	1.8230	A	1.6
7	☐	10000.000	10041.230	13393415.41	3.7285	A	0.4
8	☐			8433.33	0.0023	P	2.1

$$y = 3.7132\text{E-}004 * x + 3.0055\text{E-}005$$

$$R = 0.9999$$

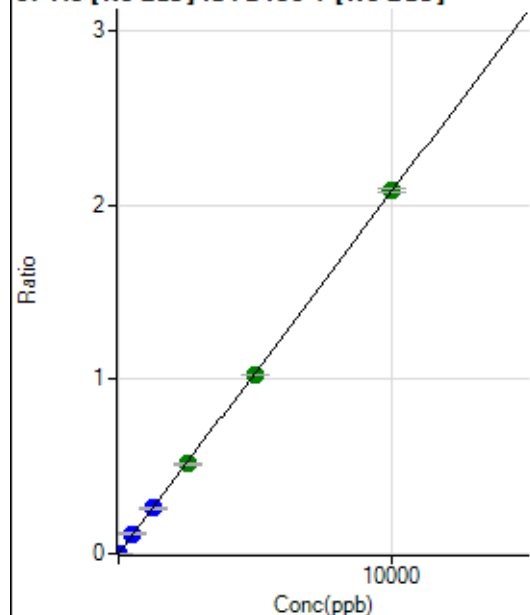
$$DL = 0.1149$$

$$BEC = 0.08094$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	25.00	0.0000	P	100.
2	☐	5.000	4.955	3636.69	0.0010	P	10.7
3	☐	500.000	539.031	379929.92	0.1118	P	11.9
4	☐	1250.000	1258.269	952411.73	0.2609	P	2.9
5	☐	2500.000	2497.308	1904508.49	0.5178	A	2.1
6	☐	5000.000	4937.806	3727231.38	1.0238	A	0.7
7	☐	10000.000	10028.785	7468425.08	2.0793	A	1.0
8	☐			2661.44	0.0007	P	4.9

$$y = 2.0733E-004 * x + 6.7359E-006$$

$$R = 1.0000$$

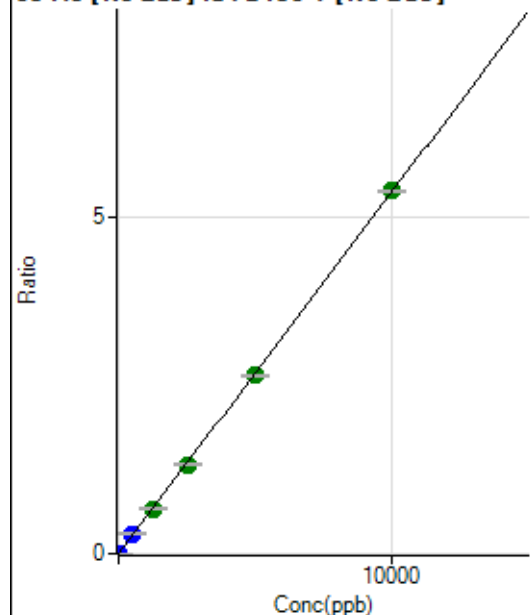
$$DL = 0.09757$$

$$BEC = 0.03249$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	77.78	0.0000	P	21.0
2	☐	5.000	4.930	9395.08	0.0027	P	8.7
3	☐	500.000	541.022	988313.73	0.2908	P	12.4
4	☐	1250.000	1247.869	2449225.86	0.6708	A	1.2
5	☐	2500.000	2466.824	4878151.97	1.3261	A	0.8
6	☐	5000.000	4934.944	9658021.74	2.6528	A	1.1
7	☐	10000.000	10039.037	19384929.25	5.3965	A	0.5
8	☐			6743.48	0.0018	P	7.5

$$y = 5.3755E-004 * x + 2.1099E-005$$

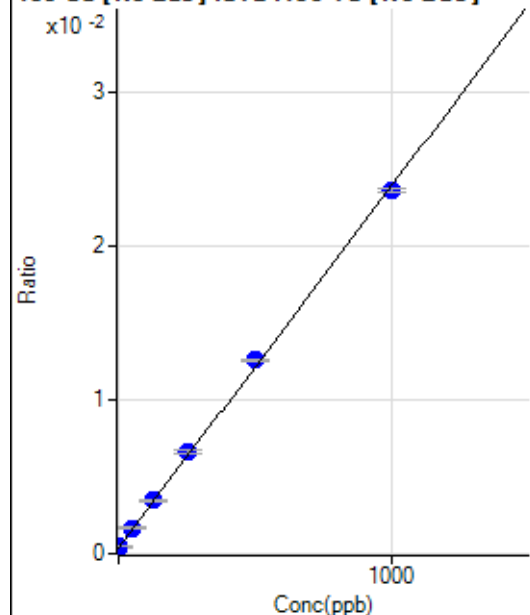
$$R = 0.9999$$

$$DL = 0.02471$$

$$BEC = 0.03925$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1188.98	0.0004	P	5.4
2	☐	1.000	3.182	1341.77	0.0005	P	5.5
3	☐	50.000	54.506	4709.28	0.0017	P	9.2
4	☐	125.000	130.186	10537.62	0.0035	P	4.0
5	☐	250.000	265.508	20112.36	0.0066	P	2.2
6	☐	500.000	517.915	37610.34	0.0126	P	1.8
7	☐	1000.000	986.290	72837.50	0.0236	P	0.9
8	☐			1252.87	0.0004	P	5.5

$$y = 2.3540E-005 * x + 3.8675E-004$$

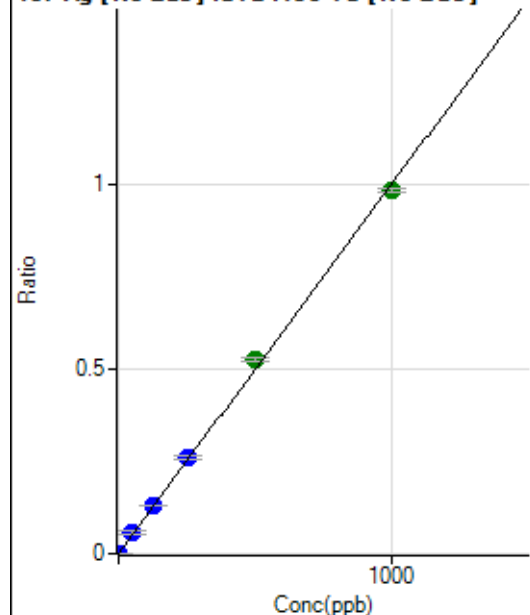
$$R = 0.9996$$

$$DL = 2.665$$

$$BEC = 16.43$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	41.67	0.0000	P	20.5
2	☐	1.000	1.064	3125.45	0.0011	P	8.8
3	☐	50.000	57.199	161403.70	0.0574	P	10.6
4	☐	125.000	130.824	400280.32	0.1312	P	1.2
5	☐	250.000	260.824	792247.74	0.2615	P	2.7
6	☐	500.000	527.386	1580397.01	0.5287	A	1.6
7	☐	1000.000	982.513	3039544.64	0.9849	A	1.0
8	☐			1714.05	0.0005	P	6.5

$$y = 0.0010 * x + 1.3558E-005$$

$$R = 0.9994$$

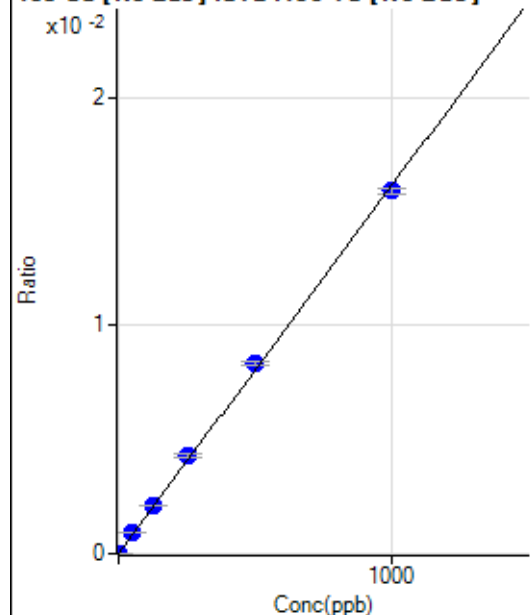
$$DL = 0.00833$$

$$BEC = 0.01353$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	8.33	0.0000	P	0.9
2	☐	1.000	0.956	52.78	0.0000	P	55.1
3	☐	50.000	57.352	2611.39	0.0009	P	8.3
4	☐	125.000	131.500	6472.43	0.0021	P	0.8
5	☐	250.000	265.286	12956.22	0.0043	P	4.3
6	☐	500.000	517.080	24901.80	0.0083	P	1.9
7	☐	1000.000	986.458	49032.82	0.0159	P	1.6
8	☐			44.44	0.0000	P	15.5

$$y = 1.6106\text{E-}005 * x + 2.7090\text{E-}006$$

$$R = 0.9996$$

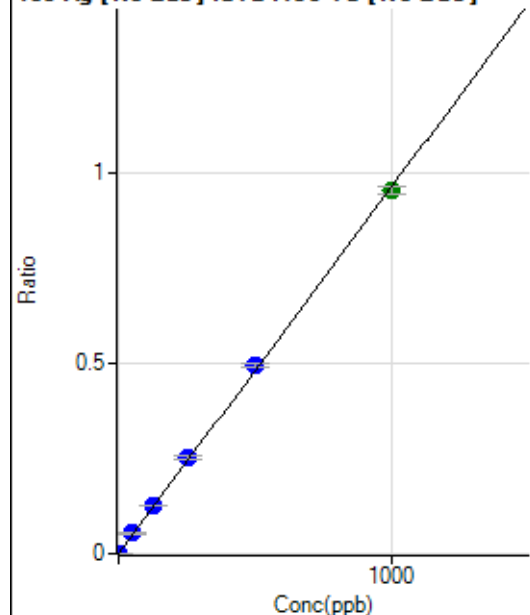
$$DL = 0.004342$$

$$BEC = 0.1682$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	11.11	0.0000	P	44.2
2	☐	1.000	1.043	2928.18	0.0010	P	4.6
3	☐	50.000	56.514	153397.28	0.0545	P	10.7
4	☐	125.000	129.441	381134.58	0.1249	P	0.8
5	☐	250.000	263.273	769349.29	0.2540	P	3.8
6	☐	500.000	512.342	1477440.07	0.4942	P	2.0
7	☐	1000.000	989.630	2945701.26	0.9547	A	2.2
8	☐			1330.66	0.0004	P	6.3

$$y = 9.6466\text{E-}004 * x + 3.6209\text{E-}006$$

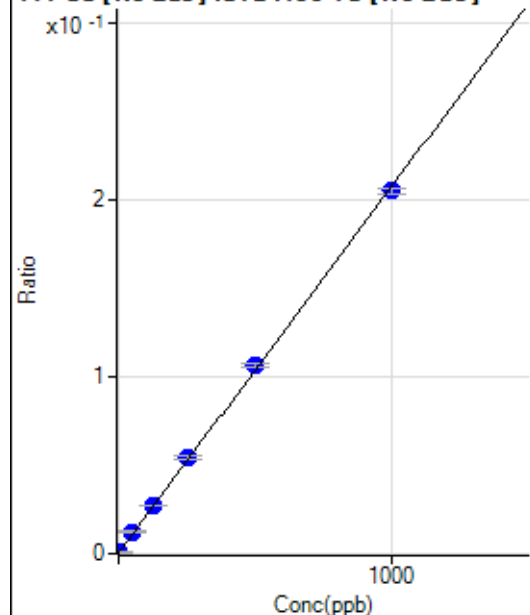
$$R = 0.9998$$

$$DL = 0.004975$$

$$BEC = 0.003754$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	852.84	0.0003	P	5.2
2	☐	1.000	1.321	1602.33	0.0006	P	6.6
3	☐	50.000	57.360	34293.82	0.0122	P	9.7
4	☐	125.000	131.347	84033.42	0.0275	P	0.5
5	☐	250.000	262.121	165626.63	0.0547	P	3.1
6	☐	500.000	514.459	319946.35	0.1070	P	2.2
7	☐	1000.000	988.579	633848.26	0.2054	P	1.4
8	☐			1070.90	0.0003	P	8.8

$$y = 2.0750\text{E-}004 * x + 2.7740\text{E-}004$$

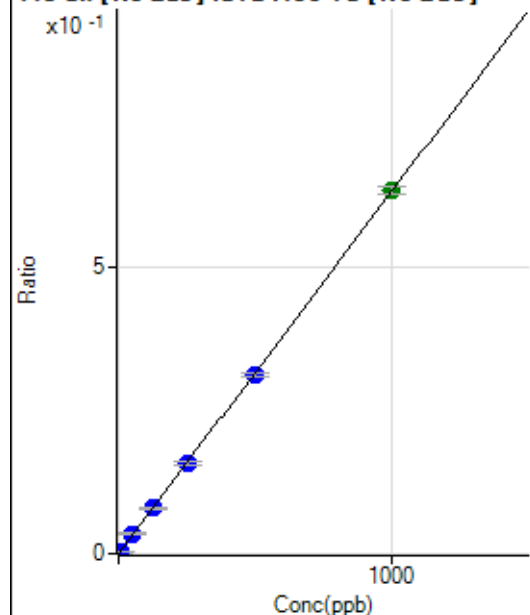
$$R = 0.9998$$

$$DL = 0.2092$$

$$BEC = 1.337$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	113.89	0.0000	P	11.7
2	☐	5.000	4.952	9156.07	0.0032	P	7.6
3	☐	50.000	53.429	95030.24	0.0337	P	9.2
4	☐	125.000	125.132	241019.06	0.0790	P	0.9
5	☐	250.000	252.021	481632.74	0.1590	P	4.1
6	☐	500.000	493.494	930603.54	0.3113	P	2.3
7	☐	1000.000	1002.560	1951565.69	0.6324	A	2.1
8	☐			2161.35	0.0007	P	3.6

$$y = 6.3078\text{E-}004 * x + 3.7054\text{E-}005$$

$$R = 1.0000$$

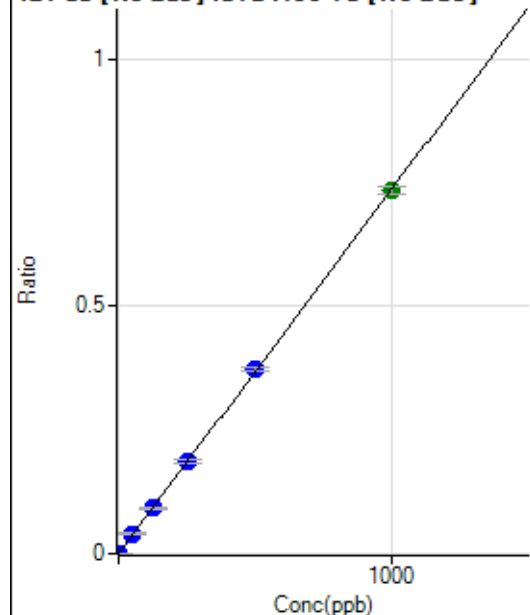
$$DL = 0.02061$$

$$BEC = 0.05874$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	58.34	0.0000	P	42.3
2	☐	2.000	1.970	4253.56	0.0015	P	9.0
3	☐	50.000	53.987	111896.33	0.0398	P	10.6
4	☐	125.000	124.459	279753.51	0.0917	P	0.7
5	☐	250.000	254.462	567533.78	0.1874	P	4.1
6	☐	500.000	505.035	1111566.59	0.3718	P	2.0
7	☐	1000.000	996.236	2263344.91	0.7335	A	2.2
8	☐			1741.83	0.0006	P	8.1

$$y = 7.3625\text{E-}004 * x + 1.8949\text{E-}005$$

$$R = 1.0000$$

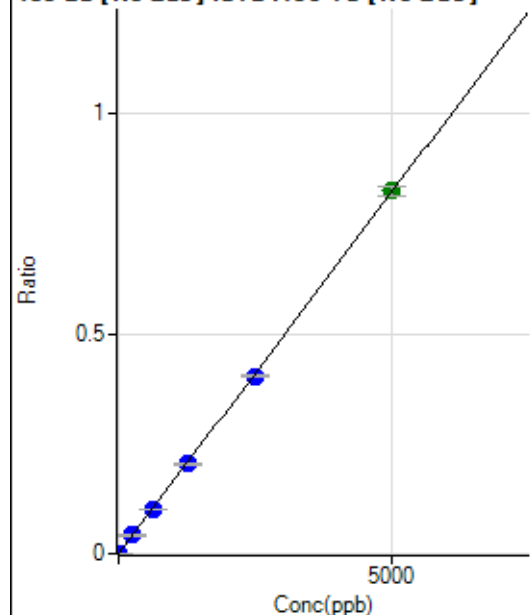
$$DL = 0.03267$$

$$BEC = 0.02574$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	47.22	0.0000	P	26.6
2	☐	10.000	9.983	4789.86	0.0017	P	7.1
3	☐	250.000	257.801	119104.64	0.0423	P	10.3
4	☐	625.000	616.044	308617.02	0.1011	P	0.6
5	☐	1250.000	1241.476	617197.65	0.2037	P	3.7
6	☐	2500.000	2460.772	1207144.17	0.4038	P	1.5
7	☐	5000.000	5022.475	2543457.04	0.8242	A	3.0
8	☐			1597.36	0.0005	P	12.3

$$y = 1.6410\text{E-}004 * x + 1.5350\text{E-}005$$

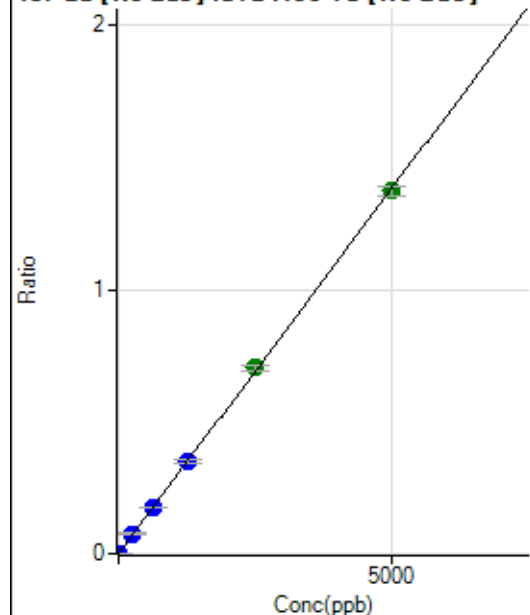
$$R = 0.9999$$

$$DL = 0.07475$$

$$BEC = 0.09354$$

Weight: <None>

Min Conc: 0

¹³⁷Ba [No Gas] ISTD : ¹⁵⁹Tb [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	55.56	0.0000	P	16.5
2	☐	10.000	9.874	7946.99	0.0027	P	9.0
3	☐	250.000	268.676	209058.79	0.0742	P	9.4
4	☐	625.000	625.393	527282.52	0.1728	P	1.8
5	☐	1250.000	1270.495	1063140.39	0.3510	P	4.1
6	☐	2500.000	2543.789	2100392.28	0.7027	A	2.3
7	☐	5000.000	4971.999	4237889.68	1.3735	A	2.5
8	☐			2514.20	0.0008	P	8.5

$$y = 2.7624E-004 * x + 1.8052E-005$$

$$R = 0.9999$$

$$DL = 0.0324$$

$$BEC = 0.06535$$

Weight: <None>

Min Conc: 0

¹⁵⁰Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			4.45		P	86.6
2	☐			11.11		P	69.3
3	☐			4.45		P	86.6
4	☐			40.00		P	66.7
5	☐			55.56		P	48.5
6	☐			144.45		P	11.6
7	☐			228.89		P	7.3
8	☐			28.89		P	26.6

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐			1.11		P	173.
3	☐			3.33		P	0.0
4	☐			2.22		P	86.6
5	☐			3.33		P	0.0
6	☐			12.22		P	41.7
7	☐			23.33		P	28.6
8	☐			0.00		P	

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22.22		P	114.
2	☐			11.11		P	43.3
3	☐			16.67		P	50.0
4	☐			63.89		P	52.7
5	☐			63.89		P	37.7
6	☐			105.56		P	16.4
7	☐			191.68		P	27.2
8	☐			466.69		P	23.4

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐			3.33		P	100.
3	☐			8.89		P	43.3
4	☐			13.33		P	50.0
5	☐			27.78		P	30.2
6	☐			43.33		P	20.3
7	☐			86.67		P	10.2
8	☐			212.23		P	18.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16.67		P	NaN
2	☐			13.89		P	69.3
3	☐			36.11		P	35.3
4	☐			33.33		P	25.0
5	☐			30.56		P	78.7
6	☐			80.56		P	21.5
7	☐			163.89		P	33.9
8	☐			475.03		P	10.5

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			53.33		P	22.5
2	☐			45.56		P	22.4
3	☐			53.33		P	18.8
4	☐			51.11		P	26.4
5	☐			52.22		P	9.7
6	☐			72.22		P	21.8
7	☐			92.22		P	17.8
8	☐			311.12		P	9.1

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			19.44		P	49.5
2	☐			25.00		P	88.2
3	☐			16.67		P	50.0
4	☐			22.22		P	57.3
5	☐			36.11		P	35.3
6	☐			38.89		P	44.6
7	☐			36.11		P	13.3
8	☐			36.11		P	70.5

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7.78		P	24.7
2	☐			12.22		P	31.5
3	☐			12.22		P	56.8
4	☐			11.11		P	75.5
5	☐			11.11		P	17.3
6	☐			13.33		P	50.0
7	☐			21.11		P	77.9
8	☐			18.89		P	53.9

172 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			25.00		P	0.0
2	☐			19.45		P	24.7
3	☐			8.33		P	100.
4	☐			41.67		P	72.1
5	☐			22.22		P	21.6
6	☐			44.44		P	43.3
7	☐			61.11		P	34.3
8	☐			191.67		P	26.4

172 Yb [He] No available calibration points

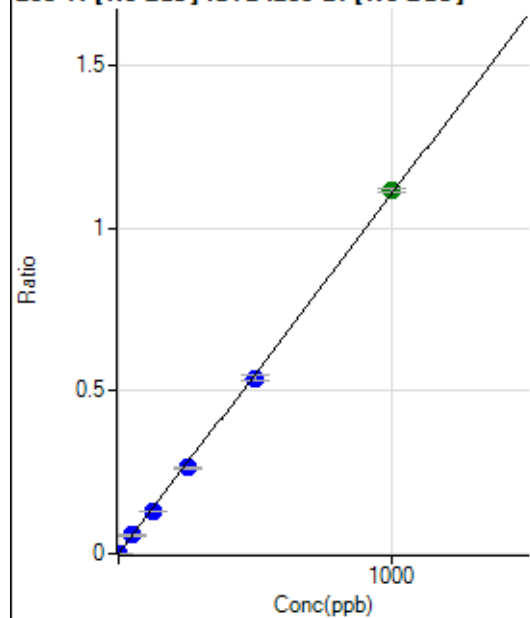
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			14.82		P	57.3
2	☐			12.96		P	107.
3	☐			12.96		P	65.4
4	☐			16.67		P	33.3
5	☐			16.67		P	88.2
6	☐			29.63		P	28.6
7	☐			24.07		P	35.2
8	☐			85.19		P	32.2

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			405.57		P	10.1
2	☐			419.47		P	16.7
3	☐			755.60		P	9.4
4	☐			1577.91		P	10.7
5	☐			2639.22		P	3.2
6	☐			4845.48		P	2.7
7	☐			9389.72		P	3.1
8	☐			527.80		P	11.4

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3402.35		P	1.4
2	☐			3419.04		P	4.8
3	☐			3858.05		P	6.8
4	☐			3748.76		P	12.7
5	☐			4310.04		P	8.1
6	☐			5595.73		P	1.7
7	☐			7442.96		P	1.0
8	☐			3333.83		P	5.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	180.56	0.0001	P	22.8
2	☐	1.000	0.925	1958.55	0.0011	P	10.7
3	☐	50.000	51.125	96710.55	0.0565	P	10.2
4	☐	125.000	119.067	244640.91	0.1316	P	1.6
5	☐	250.000	239.566	476812.02	0.2646	P	1.9
6	☐	500.000	487.861	964326.39	0.5388	P	3.0
7	☐	1000.000	1009.364	2015247.64	1.1146	A	0.9
8	☐			658.37	0.0004	P	3.5

$$y = 0.0011 * x + 9.7071E-005$$

$$R = 0.9998$$

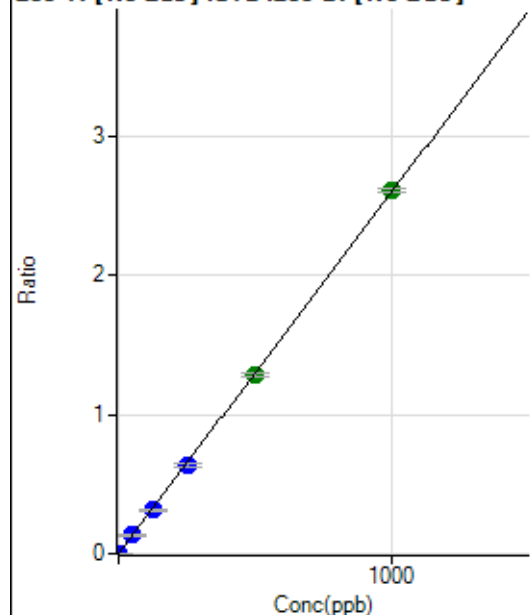
$$DL = 0.06005$$

$$BEC = 0.08792$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	308.35	0.0002	P	16.3
2	☐	1.000	0.919	4459.23	0.0025	P	11.8
3	☐	50.000	50.942	226507.55	0.1323	P	8.8
4	☐	125.000	120.517	581662.42	0.3128	P	2.3
5	☐	250.000	244.033	1140964.35	0.6332	P	3.0
6	☐	500.000	496.821	2307417.61	1.2890	A	2.0
7	☐	1000.000	1003.595	4707582.53	2.6037	A	0.9
8	☐			1539.03	0.0009	P	4.8

$$y = 0.0026 * x + 1.6593E-004$$

$$R = 1.0000$$

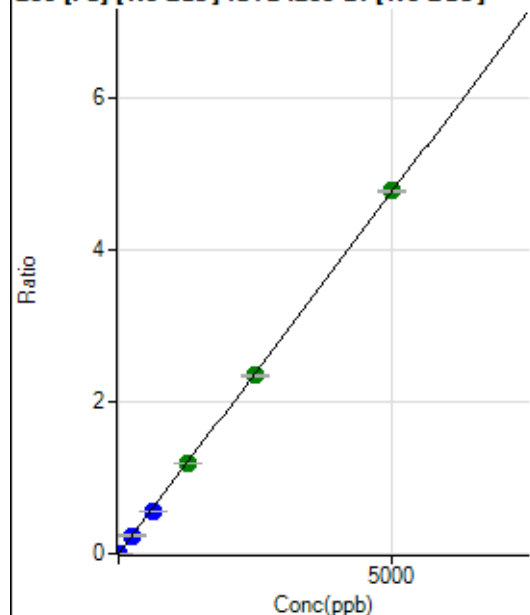
$$DL = 0.03124$$

$$BEC = 0.06396$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	290.75	0.0002	P	10.6
2	☐	1.000	0.855	1702.00	0.0010	P	6.7
3	☐	250.000	250.604	407954.79	0.2386	P	10.7
4	☐	625.000	589.680	1043694.88	0.5612	P	1.3
5	☐	1250.000	1252.665	2148337.75	1.1921	A	0.9
6	☐	2500.000	2466.927	4202768.24	2.3474	A	1.5
7	☐	5000.000	5020.255	8636992.79	4.7769	A	0.3
8	☐			2724.42	0.0016	P	5.0

$$y = 9.5149E-004 * x + 1.5651E-004$$

$$R = 0.9999$$

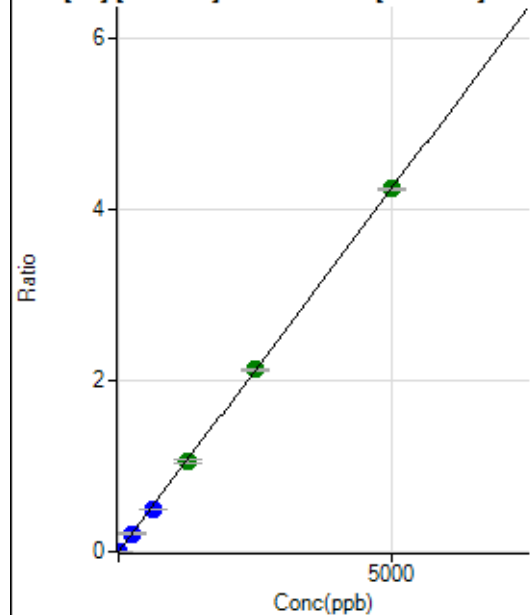
$$DL = 0.05223$$

$$BEC = 0.1645$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	285.19	0.0002	P	27.6
2	☐	1.000	0.920	1642.73	0.0009	P	4.0
3	☐	250.000	251.379	364702.27	0.2136	P	13.2
4	☐	625.000	582.398	919927.73	0.4948	P	2.6
5	☐	1250.000	1253.168	1917683.98	1.0644	A	3.5
6	☐	2500.000	2513.251	3821725.63	2.1346	A	1.1
7	☐	5000.000	4997.839	7674646.00	4.2446	A	0.5
8	☐			2202.08	0.0013	P	6.5

$$y = 8.4926\text{E-}004 * x + 1.5324\text{E-}004$$

$$R = 1.0000$$

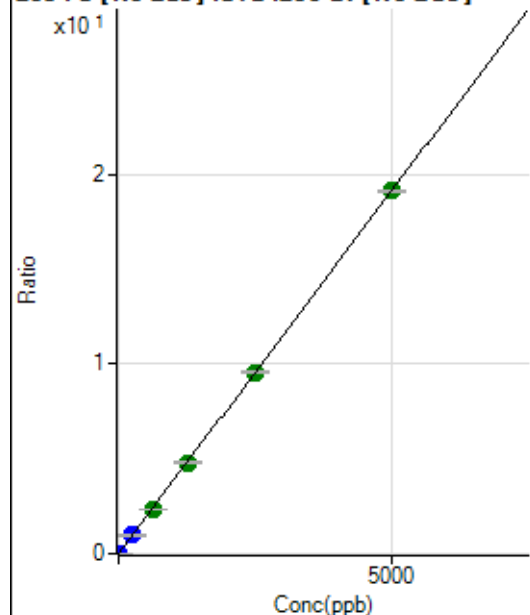
$$DL = 0.1496$$

$$BEC = 0.1804$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1285.23	0.0007	P	6.5
2	☐	1.000	0.887	7180.56	0.0041	P	3.6
3	☐	250.000	252.050	1649050.89	0.9653	P	12.0
4	☐	625.000	607.247	4322844.92	2.3247	A	2.1
5	☐	1250.000	1251.711	8633463.67	4.7911	A	1.9
6	☐	2500.000	2500.669	17135682.04	9.5709	A	0.7
7	☐	5000.000	5001.354	34608468.83	19.1412	A	0.6
8	☐			10222.14	0.0060	P	3.9

$$y = 0.0038 * x + 6.9136\text{E-}004$$

$$R = 1.0000$$

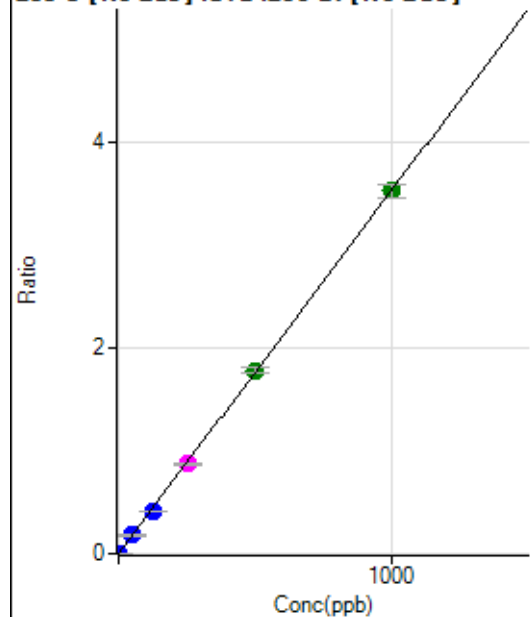
$$DL = 0.03533$$

$$BEC = 0.1807$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	202.79	0.0001	P	17.4
2	☐	1.000	0.921	5884.84	0.0034	P	9.9
3	☐	50.000	50.422	304733.88	0.1781	P	9.8
4	☐	125.000	116.729	766632.24	0.4122	P	0.8
5	☐	250.000	246.601	1568913.88	0.8707	M	3.5
6	☐	500.000	505.337	3194028.58	1.7842	A	2.6
7	☐	1000.000	999.194	6377468.94	3.5278	A	3.9
8	☐			766.71	0.0005	P	4.7

$$y = 0.0035 * x + 1.0920E-004$$

$$R = 0.9999$$

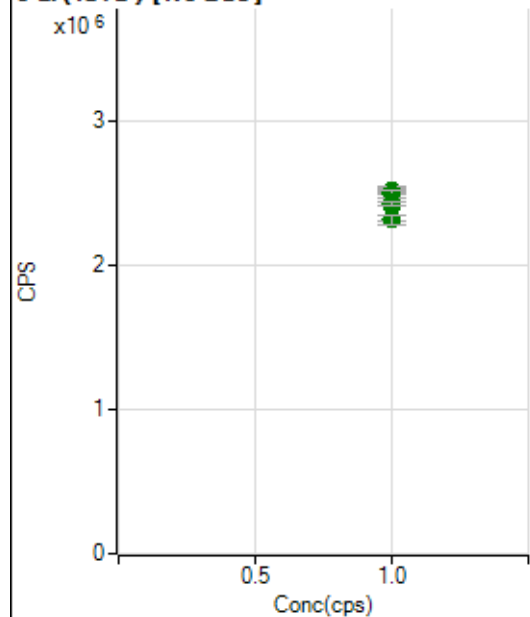
$$DL = 0.01616$$

$$BEC = 0.03093$$

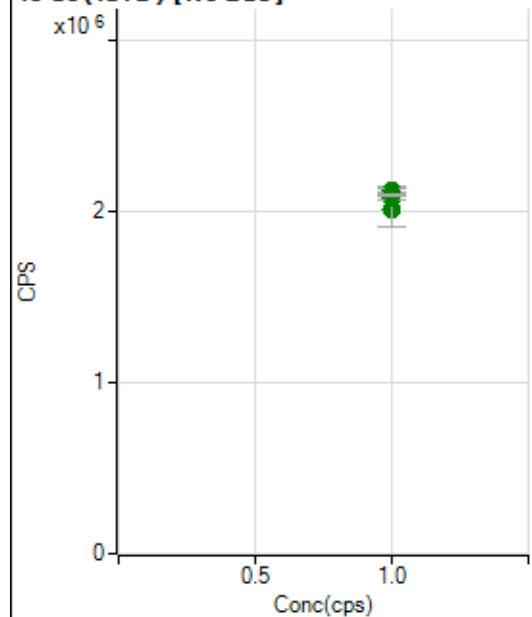
Weight: <None>

Min Conc: 0

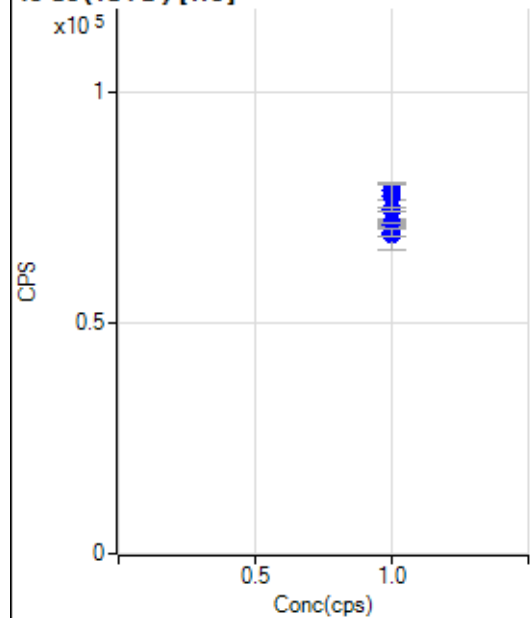
6 Li (ISTD) [No Gas]



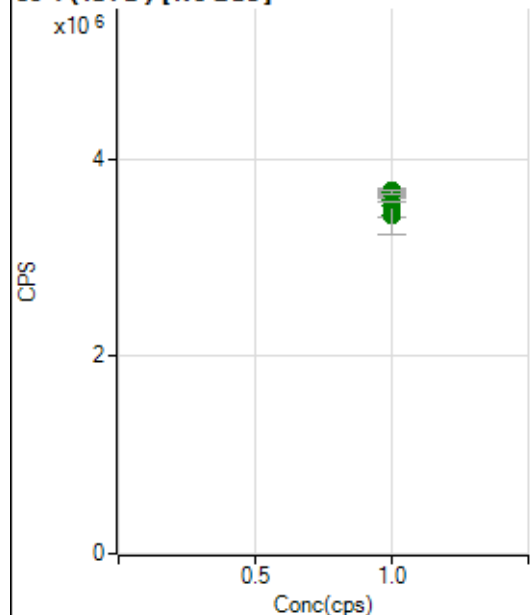
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2513307.97		A	1.0
2	☐	1.000		2414836.98		A	6.3
3	☐	1.000		2418527.01		A	8.9
4	☐	1.000		2502665.82		A	3.5
5	☐	1.000		2489530.11		A	1.7
6	☐	1.000		2439348.70		A	2.1
7	☐	1.000		2426717.24		A	0.8
8	☐	1.000		2314922.77		A	2.7

45 Sc (ISTD) [No Gas]

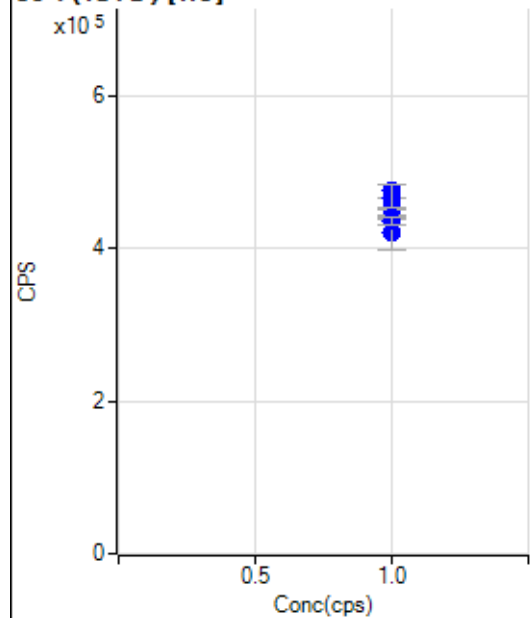
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2116644.92		A	2.1
2	☐	1.000		2010724.95		A	9.8
3	☐	1.000		2006944.97		A	10.4
4	☐	1.000		2115246.11		A	1.7
5	☐	1.000		2090348.54		A	0.7
6	☐	1.000		2080992.05		A	2.1
7	☐	1.000		2073572.42		A	1.3
8	☐	1.000		2093623.32		A	0.3

45 Sc (ISTD) [He]

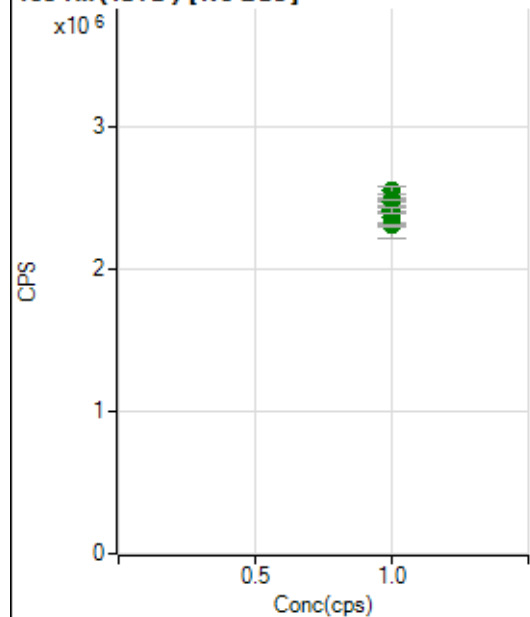
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		74409.55		P	1.1
2	☐	1.000		78621.64		P	4.6
3	☐	1.000		77673.01		P	6.5
4	☐	1.000		69116.77		P	10.0
5	☐	1.000		71291.52		P	0.8
6	☐	1.000		71683.68		P	1.3
7	☐	1.000		71153.06		P	1.0
8	☐	1.000		69603.53		P	2.5

89 Y (ISTD) [No Gas]

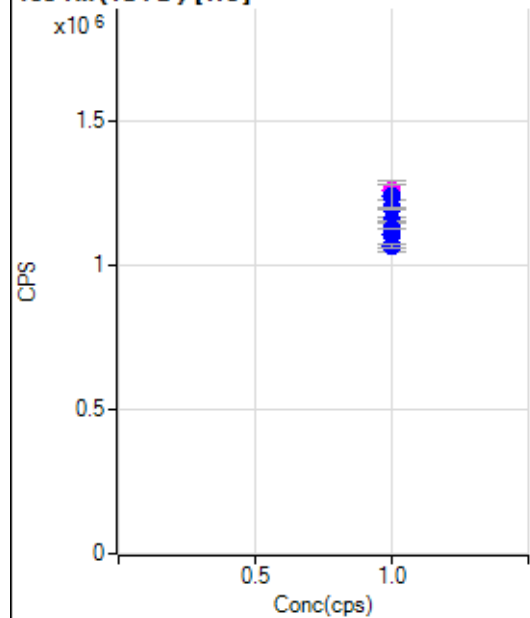
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3678715.05		A	1.6
2	☐	1.000		3531377.21		A	7.1
3	☐	1.000		3429663.42		A	11.2
4	☐	1.000		3651440.43		A	1.1
5	☐	1.000		3678715.08		A	1.3
6	☐	1.000		3640711.47		A	0.8
7	☐	1.000		3592039.29		A	1.3
8	☐	1.000		3670376.41		A	0.9

89 Y (ISTD) [He]

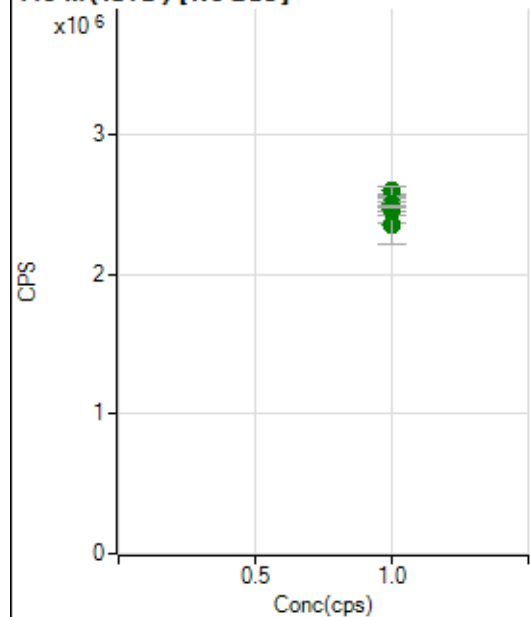
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		452268.54		P	0.8
2	☐	1.000		475269.76		P	3.6
3	☐	1.000		466597.95		P	6.9
4	☐	1.000		421630.02		P	10.6
5	☐	1.000		437973.87		P	0.2
6	☐	1.000		441336.56		P	0.7
7	☐	1.000		441083.63		P	1.2
8	☐	1.000		435729.00		P	1.9

103 Rh (ISTD) [No Gas]

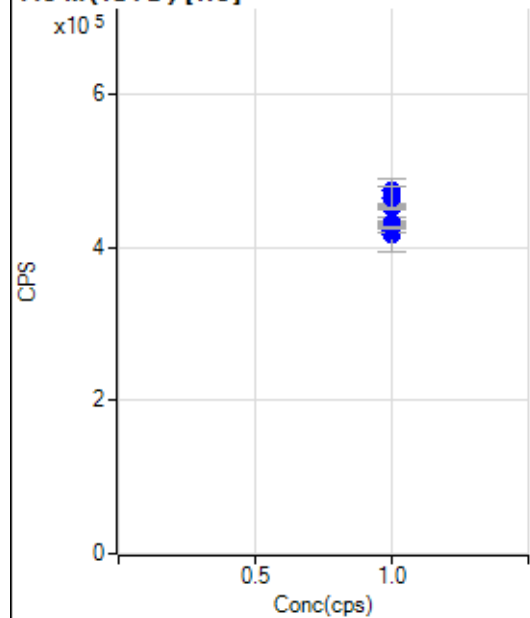
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2552299.04		A	2.2
2	☐	1.000		2412212.40		A	7.4
3	☐	1.000		2364746.11		A	12.1
4	☐	1.000		2486603.14		A	1.3
5	☐	1.000		2470907.98		A	1.4
6	☐	1.000		2427508.19		A	1.7
7	☐	1.000		2412862.81		A	1.9
8	☐	1.000		2309271.77		A	0.8

103 Rh (ISTD) [He]

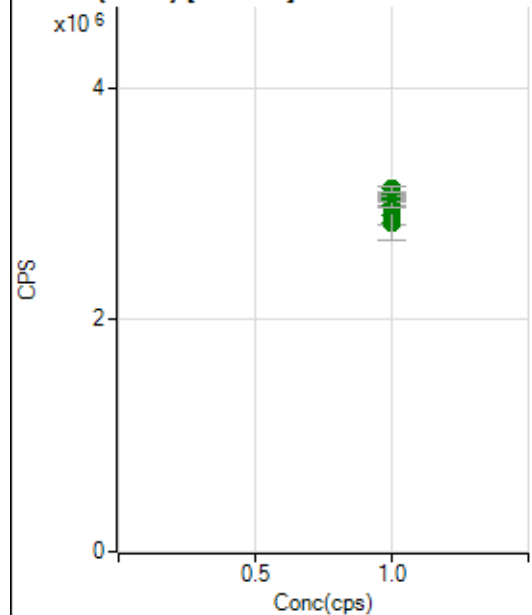
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1198607.50		P	0.5
2	☐	1.000		1259568.83		M	5.4
3	☐	1.000		1239039.58		P	7.1
4	☐	1.000		1106794.12		P	10.7
5	☐	1.000		1154499.68		P	0.4
6	☐	1.000		1150307.83		P	0.5
7	☐	1.000		1128710.57		P	0.4
8	☐	1.000		1069522.65		P	1.2

115 In (ISTD) [No Gas]

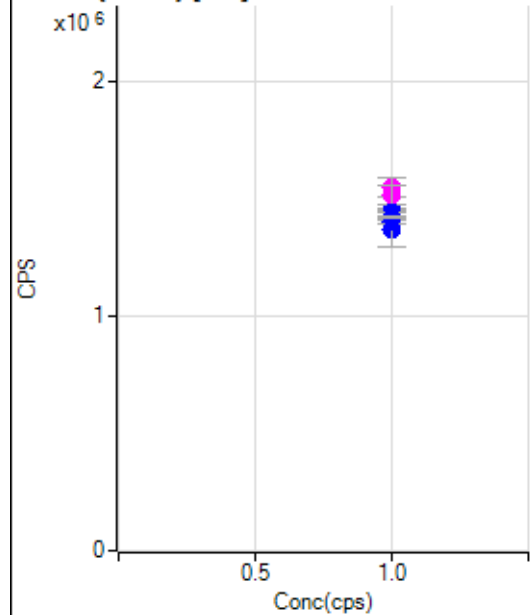
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2560817.98		A	0.7
2	☐	1.000		2456376.38		A	7.8
3	☐	1.000		2352013.26		A	11.3
4	☐	1.000		2596615.45		A	2.9
5	☐	1.000		2504563.19		A	1.3
6	☐	1.000		2449628.46		A	1.9
7	☐	1.000		2465287.44		A	1.3
8	☐	1.000		2483732.61		A	0.7

115 In (ISTD) [He]

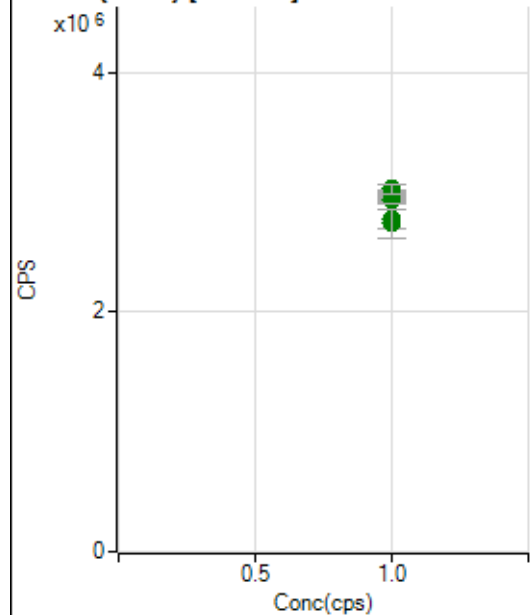
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		452881.30		P	0.6
2	☐	1.000		474615.78		P	6.6
3	☐	1.000		465866.14		P	6.6
4	☐	1.000		418461.72		P	10.8
5	☐	1.000		433829.65		P	0.8
6	☐	1.000		431574.89		P	0.5
7	☐	1.000		422659.17		P	1.0
8	☐	1.000		426508.25		P	0.9

159 Tb (ISTD) [No Gas]

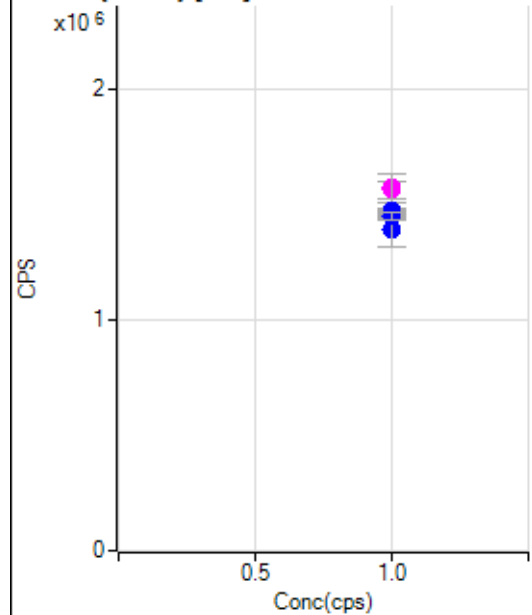
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3075060.86		A	0.9
2	☐	1.000		2904349.71		A	5.8
3	☐	1.000		2833070.95		A	9.7
4	☐	1.000		3052195.82		A	1.3
5	☐	1.000		3031585.23		A	3.1
6	☐	1.000		2989747.56		A	1.6
7	☐	1.000		3086030.99		A	1.0
8	☐	1.000		3131301.76		A	1.6

159 Tb (ISTD) [He]

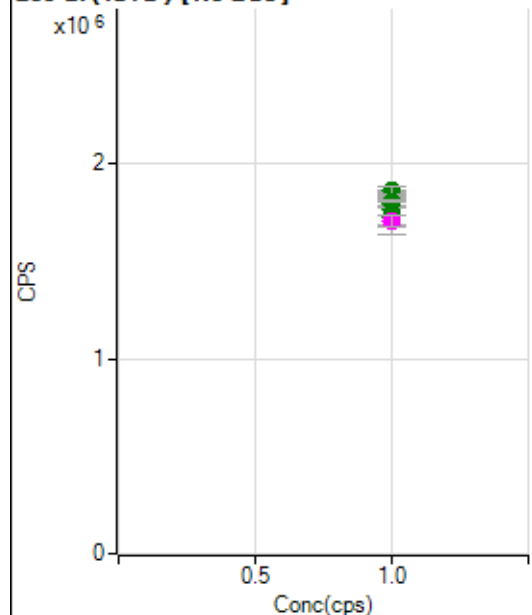
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1455442.03		P	0.7
2	☐	1.000		1548512.70		M	5.4
3	☐	1.000		1518107.94		M	5.8
4	☐	1.000		1370745.58		P	10.8
5	☐	1.000		1407232.95		P	1.2
6	☐	1.000		1441943.45		P	0.2
7	☐	1.000		1445892.44		P	0.3
8	☐	1.000		1422164.74		P	0.7

165 Ho (ISTD) [No Gas]

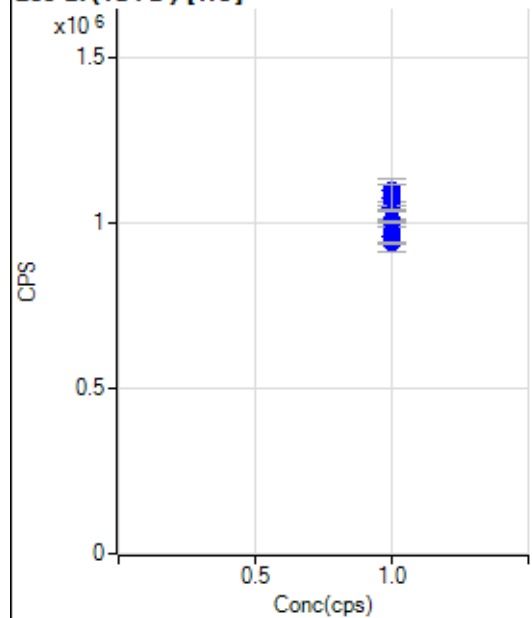
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2995317.54		A	1.2
2	☐	1.000		2777769.40		A	5.5
3	☐	1.000		2743553.25		A	8.9
4	☐	1.000		2956874.91		A	0.9
5	☐	1.000		2936230.67		A	0.8
6	☐	1.000		2938244.40		A	1.8
7	☐	1.000		2990246.88		A	0.4
8	☐	1.000		3029244.21		A	2.4

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1478135.22		P	0.9
2	☐	1.000		1565647.27		M	4.6
3	☐	1.000		1573078.88		M	7.7
4	☐	1.000		1389797.79		P	10.4
5	☐	1.000		1451043.50		P	1.3
6	☐	1.000		1473747.70		P	0.6
7	☐	1.000		1458431.61		P	0.5
8	☐	1.000		1447981.92		P	2.1

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1858650.18		A	0.8
2	☐	1.000		1760724.82		A	8.3
3	☐	1.000		1721364.32		A	9.5
4	☐	1.000		1859965.25		A	2.2
5	☐	1.000		1802386.01		A	1.9
6	☐	1.000		1790345.13		A	1.4
7	☐	1.000		1808080.60		A	0.6
8	☐	1.000		1705069.56		M	3.7

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1047162.74		P	1.1
2	☐	1.000		1095276.52		P	6.4
3	☐	1.000		1074362.93		P	7.6
4	☐	1.000		960665.03		P	10.1
5	☐	1.000		1005712.27		P	0.5
6	☐	1.000		986334.50		P	0.4
7	☐	1.000		1002916.21		P	0.7
8	☐	1.000		938276.39		P	1.0

US EPA Tune Check Report

Operator Name Jaswal

Acq/Data Batch D:\Agilent\ICPMH\1\DATA\IP8022423MS.b

Acq. Date-Time 2023-02-24 13:39:25

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		7677	76768.37			1.047	5.000
24		40298	402984.20			0.513	5.000
25		5493	54930.74			0.647	5.000
26		6215	62153.43			0.496	5.000
59		23489	234888.71			1.413	5.000
113		2382	23823.23			1.296	5.000
115		29929	299287.07			1.541	5.000
206		6283	62830.58			1.448	5.000
207		5702	57019.33			0.390	5.000
208		13484	134841.32			0.791	5.000
220		1	6.70			14.547	

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

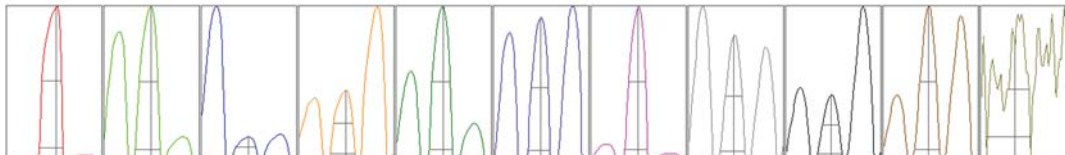
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	7717	7613	7737	7748	7569
24	40252	40435	40034	40566	40205
25	5445	5492	5475	5537	5516
26	6188	6189	6211	6227	6262
59	23624	23632	23832	23393	22964
113	2406	2394	2373	2406	2333
115	30409	29932	29976	30152	29175
206	6306	6228	6330	6393	6159
207	5715	5716	5692	5719	5667
208	13401	13529	13628	13503	13360

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	13296.59	9.10	8.90 - 9.10	
24	72049.53	24.00	23.90 - 24.10	
25	9601.87	25.00	24.90 - 25.10	
26	10892.04	26.00	25.90 - 26.10	
59	43651.94	59.00	58.90 - 59.10	
113	4666.92	113.00	112.90 - 113.10	
115	59422.64	115.00	114.90 - 115.10	
206	12295.91	205.95	205.90 - 206.10	
207	11179.31	206.95	206.90 - 207.10	
208	26870.52	207.95	207.90 - 208.10	
220	0.75	219.60	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.61	0.739	0.900	
24	0.58	0.784	0.900	
25	0.61	0.785	0.900	
26	0.61	0.786	0.900	
59	0.57	0.737	0.900	
113	0.53	0.692	0.900	
115	0.53	0.723	0.900	
206	0.52	0.777	0.900	
207	0.52	0.778	0.900	
208	0.52	0.789	0.900	
220	0.65	1.363		

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	10.3 V	Deflect	16.0 V
Extract 2	-190.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-100 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	123	Axis Gain	0.9991	QP Bias	-4.0 V
Mass Offset	125	Axis Offset	0.00		

Hardware Settings

Torch

Torch H	1.0 mm	Torch V	-0.7 mm
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EM

Discriminator	4.4 mV	Analog HV	2317 V	Pulse HV	1712 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		5552	55523.53			0.193	
89		6175	61746.37			0.805	
205		4459	44590.16			0.924	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	5560	5548	5562	5536	5556
89	6229	6186	6176	6093	6189
205	4466	4467	4393	4461	4508

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	10.3 V	Deflect	4.6 V
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US EPA Tune Check Report

Extract 2	-190.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-100 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	123	Axis Gain	0.9991	QP Bias	-13.0 V
Mass Offset	125	Axis Offset	0.00		

Hardware Settings

Torch

Torch H	1.0 mm	Torch V	-0.7 mm
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EM

Discriminator	4.4 mV	Analog HV	2317 V	Pulse HV	1712 V
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LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 14:10:21	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.00	0.25	-0.25	0.00	N/A	ppb
Antimony	121-1	0.01	-0.01	0.00	0.00	N/A	ppb
Arsenic	75-2	0.04	0.00	-0.04	0.00	N/A	ppb
Barium	135-1	0.02	-0.03	0.01	0.00	N/A	ppb
Barium	137-1	0.01	-0.01	-0.01	0.00	N/A	ppb
Beryllium	9-1	0.01	0.01	-0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.07	-0.13	0.06	0.00	N/A	ppb
Boron	11-1	0.01	0.04	-0.04	0.00	N/A	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.08	0.06	0.02	0.00	N/A	ppb
Cadmium	106-1	-1.02	0.61	0.41	0.00	N/A	ppb
Cadmium	108-1	0.00	0.00	0.00	0.00	N/A	ppb
Calcium	43-1	-0.02	1.11	-1.10	0.00	N/A	ppb
Calcium	44-1	1.16	-1.19	0.03	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	-0.05	0.07	0.00	N/A	ppb
Cobalt	59-2	0.01	0.01	-0.01	0.00	N/A	ppb
Copper	63-2	0.02	0.03	-0.05	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	-2.75	-0.15	2.90	0.00	N/A	ppb
Iron	56-2	-0.24	-0.04	0.28	0.00	N/A	ppb
Iron	57-2	2.35	-2.00	-0.35	0.00	N/A	ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 14:10:21	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.00	-0.01	0.02	0.00	N/A	ppb
Lead	207-1	0.00	0.05	-0.05	0.00	N/A	ppb
Lead	208-1	-0.01	0.01	-0.01	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.26	-0.50	0.24	0.00	N/A	ppb
Manganese	55-2	0.02	-0.04	0.02	0.00	N/A	ppb
Molybdenum	94-1	-0.03	0.03	0.00	0.00	N/A	ppb
Molybdenum	95-1	-0.02	0.00	0.02	0.00	N/A	ppb
Molybdenum	96-1	0.03	-0.04	0.02	0.00	N/A	ppb
Molybdenum	97-1	0.03	-0.03	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.01	-0.01	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.02	-0.03	0.00	N/A	ppb
Phosphorus	31-2	-29.42	-4.07	1.06	-10.81		ppb
Potassium	39-2	5.47	-20.07	14.60	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.05	0.70	-0.74	0.00	N/A	ppb
Selenium	77-2	-0.57	-0.57	1.13	0.00	N/A	ppb
Selenium	78-2	-1.60	0.55	1.05	0.00	N/A	ppb
Silicon	28-1	2.40	-1.78	-0.62	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	-0.81	0.43	0.38	0.00	N/A	ppb
Strontium	86-1	0.06	0.04	-0.10	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	192.56	-387.07	-598.10	-264.20		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.02	0.00	-0.02	0.00	N/A	ppb
Thallium	205-1	0.01	-0.01	0.00	0.00	N/A	ppb
Tin	118-1	-0.01	0.01	0.00	0.00	N/A	ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 14:10:21	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.07	-0.04	-0.02	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.01	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	0.04	-0.11	0.06	0.00	N/A	ppb
Zirconium	90-1	-0.01	0.00	0.01	0.00	N/A	ppb
Zirconium	91-1	0.01	-0.01	0.00	0.00	N/A	ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 14:13:34	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.33	16.66	17.71	18.23	10.37	ppb
Antimony	121-1	1.81	1.93	2.17	1.97	9.09	ppb
Arsenic	75-2	0.88	0.91	0.81	0.87	6.28	ppb
Barium	135-1	9.26	10.00	10.69	9.98	7.17	ppb
Barium	137-1	9.35	9.37	10.90	9.87	9.03	ppb
Beryllium	9-1	1.03	1.03	1.13	1.07	5.53	ppb
Bismuth	209-1				95		%
Bismuth	209-2				105		%
Boron	10-1	12.56	13.53	15.41	13.83	10.49	ppb
Boron	11-1	13.57	14.51	16.61	14.90	10.44	ppb
Bromine	81-1						cps
Cadmium	111-1	1.49	1.14	1.33	1.32	13.33	ppb
Cadmium	106-1	4.33	2.20	3.02	3.18	33.81	ppb
Cadmium	108-1	0.51	1.66	0.69	0.96	64.82	ppb
Calcium	43-1	484.14	499.50	567.04	516.89	8.53	ppb
Calcium	44-1	494.83	503.93	614.13	537.63	12.35	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.80	1.76	1.42	1.66	12.46	ppb
Cobalt	59-2	0.90	0.90	0.88	0.90	1.23	ppb
Copper	63-2	1.69	1.79	1.72	1.73	2.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				106		%
Indium	115-1				96		%
Indium	115-2				105		%
Iron	54-2	47.71	43.77	44.78	45.42	4.49	ppb
Iron	56-2	48.61	45.10	42.40	45.37	6.86	ppb
Iron	57-2	42.27	43.10	43.30	42.89	1.27	ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 14:13:34	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.80	0.83	0.93	0.86	7.97	ppb
Lead	207-1	0.91	0.89	0.97	0.92	4.80	ppb
Lead	208-1	0.85	0.88	0.93	0.89	4.29	ppb
Lithium	6-1				96		%
Magnesium	24-2	493.69	458.87	447.84	466.80	5.13	ppb
Manganese	55-2	0.97	0.93	0.92	0.94	2.68	ppb
Molybdenum	94-1	4.87	5.25	6.31	5.47	13.62	ppb
Molybdenum	95-1	4.49	4.66	5.18	4.78	7.61	ppb
Molybdenum	96-1	4.93	4.88	5.20	5.00	3.45	ppb
Molybdenum	97-1	4.45	4.90	5.51	4.96	10.80	ppb
Molybdenum	98-1	4.89	4.52	5.38	4.93	8.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.11	0.86	0.77	0.91	19.18	ppb
Phosphorus	31-2	30.49	14.96	-13.01	10.81	203.91	ppb
Potassium	39-2	477.77	441.70	363.65	427.71	13.64	ppb
Rhodium	103-1				95		%
Rhodium	103-2				105		%
Scandium	45-1				95		%
Scandium	45-2				106		%
Selenium	82-1	4.17	4.13	5.70	4.67	19.24	ppb
Selenium	77-2	9.48	4.20	5.68	6.46	42.16	ppb
Selenium	78-2	4.79	5.09	6.15	5.35	13.34	ppb
Silicon	28-1	1.24	3.91	15.40	6.85	109.84	ppb
Silver	107-1	0.97	1.06	1.16	1.06	8.96	ppb
Silver	109-1	1.02	1.01	1.10	1.04	4.57	ppb
Sodium	23-2	490.70	455.27	424.15	456.71	7.29	ppb
Strontium	86-1	1.05	1.19	1.25	1.16	8.94	ppb
Strontium	88-1	0.95	0.94	1.04	0.98	5.83	ppb
Sulfur	34-1	-946.84	-446.42	2185.86	264.20	636.99	ppb
Terbium	159-1				94		%
Terbium	159-2				106		%
Thallium	203-1	0.87	0.85	1.05	0.93	11.67	ppb
Thallium	205-1	0.87	0.83	1.05	0.92	12.61	ppb
Tin	118-1	4.84	4.64	5.38	4.95	7.69	ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 14:13:34	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.67	4.52	5.61	4.93	11.97	ppb
Uranium	238-1	0.90	0.84	1.02	0.92	10.21	ppb
Vanadium	51-2	5.07	4.37	4.03	4.49	11.81	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				96		%
Yttrium	89-2				105		%
Zinc	66-2	2.17	1.98	2.11	2.09	4.80	ppb
Zirconium	90-1	0.87	0.88	0.95	0.90	5.03	ppb
Zirconium	91-1	0.83	1.00	1.02	0.95	11.14	ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 14:16:49	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	933.15	1016.36	1010.52	986.68	4.71	ppb
Antimony	121-1	50.28	51.13	60.55	53.99	10.56	ppb
Arsenic	75-2	46.35	51.53	51.35	49.74	5.92	ppb
Barium	135-1	243.45	241.49	288.46	257.80	10.31	ppb
Barium	137-1	256.65	251.72	297.66	268.68	9.39	ppb
Beryllium	9-1	53.14	51.11	61.15	55.13	9.63	ppb
Bismuth	209-1				93		%
Bismuth	209-2				103		%
Boron	10-1	48.03	46.89	58.82	51.25	12.85	ppb
Boron	11-1	51.81	50.28	62.34	54.81	11.98	ppb
Bromine	81-1						cps
Cadmium	111-1	54.63	53.57	63.88	57.36	9.88	ppb
Cadmium	106-1	55.45	47.56	60.50	54.51	11.97	ppb
Cadmium	108-1	52.87	56.76	62.42	57.35	8.37	ppb
Calcium	43-1	5530.99	5729.69	6830.66	6030.45	11.61	ppb
Calcium	44-1	5438.92	5610.85	6769.91	5939.90	12.19	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	44.64	50.30	49.06	48.00	6.20	ppb
Cobalt	59-2	44.42	49.65	48.56	47.54	5.80	ppb
Copper	63-2	452.56	501.86	492.86	482.43	5.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				106		%
Indium	115-1				92		%
Indium	115-2				103		%
Iron	54-2	2389.01	2705.85	2581.73	2558.86	6.24	ppb
Iron	56-2	2388.81	2681.55	2602.65	2557.67	5.92	ppb
Iron	57-2	2239.39	2506.31	2432.17	2392.62	5.76	ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 14:16:49	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	231.47	239.09	281.26	250.60	10.70	ppb
Lead	207-1	230.19	234.39	289.56	251.38	13.18	ppb
Lead	208-1	231.92	237.31	286.92	252.05	12.03	ppb
Lithium	6-1				96		%
Magnesium	24-2	4712.64	5331.02	5152.05	5065.24	6.28	ppb
Manganese	55-2	423.32	487.41	468.60	459.78	7.17	ppb
Molybdenum	94-1	489.55	510.27	612.07	537.29	12.21	ppb
Molybdenum	95-1	494.76	515.30	611.00	540.35	11.48	ppb
Molybdenum	96-1	490.74	507.81	607.86	535.47	11.82	ppb
Molybdenum	97-1	499.80	504.42	612.87	539.03	11.87	ppb
Molybdenum	98-1	495.00	510.03	618.04	541.02	12.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	46.16	49.79	48.84	48.26	3.90	ppb
Phosphorus	31-2	839.30	915.22	1001.01	918.51	8.81	ppb
Potassium	39-2	2214.15	2521.24	2515.02	2416.80	7.26	ppb
Rhodium	103-1				93		%
Rhodium	103-2				103		%
Scandium	45-1				95		%
Scandium	45-2				104		%
Selenium	82-1	49.45	52.94	62.76	55.05	12.53	ppb
Selenium	77-2	51.05	46.65	56.32	51.34	9.43	ppb
Selenium	78-2	52.83	56.81	56.98	55.54	4.23	ppb
Silicon	28-1	53.87	56.99	85.49	65.45	26.62	ppb
Silver	107-1	52.18	55.48	63.93	57.20	10.60	ppb
Silver	109-1	53.13	52.92	63.49	56.51	10.70	ppb
Sodium	23-2	4791.15	5306.66	5215.96	5104.59	5.39	ppb
Strontium	86-1	1249.58	1280.50	1555.87	1361.98	12.38	ppb
Strontium	88-1	1235.83	1234.53	1500.41	1323.59	11.57	ppb
Sulfur	34-1	425.76	743.89	3717.00	1628.89	111.45	ppb
Terbium	159-1				92		%
Terbium	159-2				104		%
Thallium	203-1	47.72	48.52	57.14	51.13	10.21	ppb
Thallium	205-1	47.88	48.84	56.11	50.94	8.84	ppb
Tin	118-1	51.24	50.01	59.04	53.43	9.17	ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 14:16:49	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	497.49	508.11	619.16	541.59	12.44	ppb
Uranium	238-1	47.37	47.78	56.11	50.42	9.78	ppb
Vanadium	51-2	43.59	48.79	49.20	47.19	6.63	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				93		%
Yttrium	89-2				103		%
Zinc	66-2	477.55	533.99	515.53	509.02	5.65	ppb
Zirconium	90-1	49.00	49.39	59.96	52.78	11.78	ppb
Zirconium	91-1	49.57	49.16	60.35	53.03	11.97	ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 14:20:00	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2597.86	2564.23	3085.93	2749.34	10.62	ppb
Antimony	121-1	124.49	125.32	123.57	124.46	0.70	ppb
Arsenic	75-2	132.24	126.24	151.40	136.63	9.62	ppb
Barium	135-1	619.50	616.54	612.09	616.04	0.61	ppb
Barium	137-1	613.01	628.00	635.17	625.39	1.81	ppb
Beryllium	9-1	131.28	125.62	134.30	130.40	3.38	ppb
Bismuth	209-1				100		%
Bismuth	209-2				92		%
Boron	10-1	114.68	114.80	125.79	118.42	5.39	ppb
Boron	11-1	118.85	124.06	135.11	126.01	6.59	ppb
Bromine	81-1						cps
Cadmium	111-1	131.94	130.67	131.43	131.35	0.49	ppb
Cadmium	106-1	134.29	132.82	123.45	130.19	4.52	ppb
Cadmium	108-1	130.34	132.41	131.75	131.50	0.80	ppb
Calcium	43-1	14153.10	13860.31	14264.48	14092.63	1.48	ppb
Calcium	44-1	14054.06	13350.22	13614.36	13672.88	2.60	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	123.41	123.04	146.14	130.86	10.11	ppb
Cobalt	59-2	123.71	124.73	146.55	131.66	9.80	ppb
Copper	63-2	1287.57	1274.61	1470.75	1344.31	8.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				94		%
Indium	115-1				101		%
Indium	115-2				92		%
Iron	54-2	6544.06	6631.15	7869.27	7014.83	10.57	ppb
Iron	56-2	6826.01	6761.64	7982.60	7190.08	9.56	ppb
Iron	57-2	6421.01	6353.37	7566.21	6780.20	10.05	ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 14:20:00	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	596.75	590.63	581.65	589.68	1.29	ppb
Lead	207-1	599.38	569.86	577.96	582.40	2.62	ppb
Lead	208-1	619.83	594.31	607.60	607.25	2.10	ppb
Lithium	6-1				100		%
Magnesium	24-2	13554.38	13339.68	15923.09	14272.38	10.04	ppb
Manganese	55-2	1215.61	1224.70	1442.42	1294.24	9.92	ppb
Molybdenum	94-1	1275.19	1243.63	1255.61	1258.14	1.27	ppb
Molybdenum	95-1	1292.50	1251.50	1243.12	1262.37	2.09	ppb
Molybdenum	96-1	1286.06	1221.89	1241.36	1249.77	2.63	ppb
Molybdenum	97-1	1300.00	1237.97	1236.84	1258.27	2.87	ppb
Molybdenum	98-1	1264.49	1241.98	1237.13	1247.87	1.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	126.26	129.08	150.11	135.15	9.64	ppb
Phosphorus	31-2	2500.43	2382.98	2956.57	2613.33	11.59	ppb
Potassium	39-2	6405.44	6376.19	7747.26	6842.96	11.45	ppb
Rhodium	103-1				97		%
Rhodium	103-2				92		%
Scandium	45-1				100		%
Scandium	45-2				93		%
Selenium	82-1	131.62	133.38	127.52	130.84	2.30	ppb
Selenium	77-2	134.96	138.83	156.42	143.41	7.97	ppb
Selenium	78-2	130.07	140.91	152.35	141.11	7.89	ppb
Silicon	28-1	121.68	120.98	128.21	123.62	3.23	ppb
Silver	107-1	130.10	129.78	132.59	130.82	1.17	ppb
Silver	109-1	130.63	128.67	129.02	129.44	0.81	ppb
Sodium	23-2	13652.56	13378.82	15590.09	14207.16	8.48	ppb
Strontium	86-1	3159.58	3208.96	3081.73	3150.09	2.04	ppb
Strontium	88-1	3107.39	3076.78	3053.87	3079.35	0.87	ppb
Sulfur	34-1	2139.56	1960.62	2699.86	2266.68	17.01	ppb
Terbium	159-1				99		%
Terbium	159-2				94		%
Thallium	203-1	121.22	118.57	117.41	119.07	1.64	ppb
Thallium	205-1	123.53	118.19	119.83	120.52	2.27	ppb
Tin	118-1	126.08	123.92	125.40	125.13	0.88	ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 14:20:00	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1241.32	1236.17	1263.06	1246.85	1.14	ppb
Uranium	238-1	117.73	116.41	116.05	116.73	0.76	ppb
Vanadium	51-2	123.29	124.16	150.34	132.60	11.59	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				93		%
Zinc	66-2	1367.97	1314.49	1550.77	1411.07	8.78	ppb
Zirconium	90-1	126.76	124.43	123.22	124.80	1.44	ppb
Zirconium	91-1	126.71	123.65	122.61	124.33	1.71	ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 14:23:09	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5351.86	5331.81	5255.00	5312.89	0.96	ppb
Antimony	121-1	264.48	255.36	243.55	254.46	4.12	ppb
Arsenic	75-2	261.26	259.28	258.10	259.55	0.62	ppb
Barium	135-1	1286.64	1241.93	1195.86	1241.48	3.66	ppb
Barium	137-1	1313.23	1284.93	1213.32	1270.50	4.05	ppb
Beryllium	9-1	260.29	260.61	255.42	258.78	1.12	ppb
Bismuth	209-1				97		%
Bismuth	209-2				96		%
Boron	10-1	274.16	287.41	282.97	281.52	2.39	ppb
Boron	11-1	291.94	307.70	303.96	301.20	2.73	ppb
Bromine	81-1						cps
Cadmium	111-1	270.43	261.87	254.06	262.12	3.12	ppb
Cadmium	106-1	268.13	270.00	258.40	265.51	2.35	ppb
Cadmium	108-1	276.30	253.64	265.92	265.29	4.28	ppb
Calcium	43-1	28459.44	28240.38	28065.12	28254.98	0.70	ppb
Calcium	44-1	28281.42	28179.84	27795.98	28085.75	0.91	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	263.37	256.47	253.04	257.63	2.04	ppb
Cobalt	59-2	269.21	256.93	251.48	259.21	3.50	ppb
Copper	63-2	2704.43	2655.05	2554.98	2638.15	2.89	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				98		%
Indium	115-1				98		%
Indium	115-2				96		%
Iron	54-2	14106.70	13690.19	13155.32	13650.73	3.49	ppb
Iron	56-2	14381.18	13620.93	13531.63	13844.58	3.37	ppb
Iron	57-2	13634.86	13117.75	13002.26	13251.62	2.54	ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 14:23:09	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1263.56	1253.83	1240.60	1252.66	0.92	ppb
Lead	207-1	1286.26	1269.73	1203.51	1253.17	3.49	ppb
Lead	208-1	1270.51	1259.00	1225.63	1251.71	1.86	ppb
Lithium	6-1				99		%
Magnesium	24-2	28279.04	28469.32	27390.67	28046.34	2.05	ppb
Manganese	55-2	2575.46	2508.17	2420.10	2501.24	3.11	ppb
Molybdenum	94-1	2484.16	2490.53	2457.64	2477.44	0.70	ppb
Molybdenum	95-1	2422.26	2541.79	2510.37	2491.47	2.49	ppb
Molybdenum	96-1	2473.70	2575.66	2477.71	2509.02	2.30	ppb
Molybdenum	97-1	2472.59	2557.03	2462.31	2497.31	2.08	ppb
Molybdenum	98-1	2452.06	2457.74	2490.68	2466.82	0.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	265.28	262.49	256.08	261.28	1.80	ppb
Phosphorus	31-2	5056.26	5187.16	4543.73	4929.05	6.90	ppb
Potassium	39-2	13339.19	13054.13	12837.25	13076.86	1.93	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				99		%
Scandium	45-2				96		%
Selenium	82-1	248.27	261.70	255.01	254.99	2.63	ppb
Selenium	77-2	291.88	265.25	262.92	273.35	5.89	ppb
Selenium	78-2	275.29	268.37	264.35	269.34	2.05	ppb
Silicon	28-1	334.70	341.41	338.45	338.19	0.99	ppb
Silver	107-1	267.68	261.34	253.45	260.82	2.73	ppb
Silver	109-1	273.49	262.55	253.78	263.27	3.75	ppb
Sodium	23-2	28686.38	28426.49	26987.18	28033.35	3.26	ppb
Strontium	86-1	6159.51	6384.03	6287.72	6277.08	1.79	ppb
Strontium	88-1	6213.19	6148.75	6133.83	6165.26	0.68	ppb
Sulfur	34-1	4799.97	5033.55	4704.04	4845.85	3.50	ppb
Terbium	159-1				99		%
Terbium	159-2				97		%
Thallium	203-1	241.09	243.09	234.52	239.57	1.87	ppb
Thallium	205-1	250.16	245.85	236.09	244.03	2.95	ppb
Tin	118-1	261.93	252.99	241.14	252.02	4.14	ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 14:23:09	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2545.22	2575.47	2568.68	2563.12	0.62	ppb
Uranium	238-1	255.80	245.10	238.90	246.60	3.47	ppb
Vanadium	51-2	262.80	256.67	254.08	257.85	1.74	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				97		%
Zinc	66-2	2750.54	2668.25	2617.04	2678.61	2.51	ppb
Zirconium	90-1	247.49	247.31	250.01	248.27	0.61	ppb
Zirconium	91-1	243.10	252.03	246.73	247.29	1.82	ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 14:26:15	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10424.50	10059.32	10200.52	10228.11	1.80	ppb
Antimony	121-1	516.85	499.30	498.95	505.03	2.03	ppb
Arsenic	75-2	510.59	503.04	492.50	502.04	1.81	ppb
Barium	135-1	2490.21	2418.15	2473.96	2460.77	1.54	ppb
Barium	137-1	2583.64	2477.76	2569.96	2543.79	2.26	ppb
Beryllium	9-1	504.04	506.38	518.80	509.74	1.56	ppb
Bismuth	209-1				96		%
Bismuth	209-2				94		%
Boron	10-1	507.09	533.95	554.35	531.79	4.46	ppb
Boron	11-1	549.35	565.27	584.80	566.47	3.13	ppb
Bromine	81-1						cps
Cadmium	111-1	527.68	509.60	506.09	514.46	2.25	ppb
Cadmium	106-1	519.39	526.56	507.80	517.91	1.83	ppb
Cadmium	108-1	527.77	508.27	515.19	517.08	1.91	ppb
Calcium	43-1	58660.73	56161.14	54802.42	56541.43	3.46	ppb
Calcium	44-1	56912.58	54511.77	52965.12	54796.49	3.63	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	502.73	493.96	492.78	496.49	1.09	ppb
Cobalt	59-2	496.95	497.53	491.24	495.24	0.70	ppb
Copper	63-2	5199.19	5013.75	5109.22	5107.39	1.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				100		%
Indium	115-1				96		%
Indium	115-2				95		%
Iron	54-2	26515.99	26261.76	25962.30	26246.68	1.06	ppb
Iron	56-2	26518.16	26092.96	25677.70	26096.27	1.61	ppb
Iron	57-2	25490.64	25357.48	24701.46	25183.19	1.68	ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 14:26:15	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2488.50	2487.35	2424.94	2466.93	1.47	ppb
Lead	207-1	2522.73	2533.95	2483.07	2513.25	1.06	ppb
Lead	208-1	2505.56	2514.59	2481.85	2500.67	0.68	ppb
Lithium	6-1				97		%
Magnesium	24-2	53789.01	52349.15	53459.61	53199.26	1.42	ppb
Manganese	55-2	5012.27	5034.82	4828.63	4958.57	2.28	ppb
Molybdenum	94-1	4862.10	4886.24	4918.67	4889.00	0.58	ppb
Molybdenum	95-1	4904.45	4820.11	4897.57	4874.04	0.96	ppb
Molybdenum	96-1	4997.71	4859.46	4871.44	4909.54	1.56	ppb
Molybdenum	97-1	4977.34	4911.87	4924.21	4937.81	0.70	ppb
Molybdenum	98-1	4998.31	4914.86	4891.66	4934.94	1.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	506.06	496.87	500.00	500.97	0.93	ppb
Phosphorus	31-2	10425.10	9747.21	9926.58	10032.96	3.50	ppb
Potassium	39-2	25493.27	25289.77	25843.90	25542.31	1.10	ppb
Rhodium	103-1				95		%
Rhodium	103-2				96		%
Scandium	45-1				98		%
Scandium	45-2				96		%
Selenium	82-1	498.23	499.92	500.61	499.59	0.25	ppb
Selenium	77-2	468.92	530.79	508.09	502.60	6.23	ppb
Selenium	78-2	519.42	502.79	488.59	503.60	3.06	ppb
Silicon	28-1	591.12	576.31	557.38	574.94	2.94	ppb
Silver	107-1	535.78	518.80	527.57	527.39	1.61	ppb
Silver	109-1	510.97	502.67	523.38	512.34	2.03	ppb
Sodium	23-2	53444.79	52550.53	53872.14	53289.15	1.27	ppb
Strontium	86-1	12605.54	12112.64	12244.24	12320.81	2.07	ppb
Strontium	88-1	12506.16	12079.29	12309.40	12298.28	1.74	ppb
Sulfur	34-1	10806.42	9812.18	9224.89	9947.83	8.04	ppb
Terbium	159-1				97		%
Terbium	159-2				99		%
Thallium	203-1	504.41	477.25	481.93	487.86	2.98	ppb
Thallium	205-1	507.74	488.07	494.65	496.82	2.02	ppb
Tin	118-1	506.77	486.20	487.51	493.49	2.33	ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 14:26:15	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5115.31	5047.34	4923.38	5028.67	1.94	ppb
Uranium	238-1	518.60	504.89	492.51	505.34	2.58	ppb
Vanadium	51-2	495.52	495.15	491.24	493.97	0.48	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				98		%
Zinc	66-2	5174.39	5086.78	5048.61	5103.26	1.26	ppb
Zirconium	90-1	495.51	484.84	493.52	491.29	1.15	ppb
Zirconium	91-1	498.30	489.71	486.64	491.55	1.23	ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 14:29:24	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21091.50	20358.94	20296.00	20582.14	2.15	ppb
Antimony	121-1	1020.47	979.19	989.05	996.24	2.16	ppb
Arsenic	75-2	1013.63	1006.77	965.05	995.15	2.64	ppb
Barium	135-1	4896.96	4980.73	5189.73	5022.47	3.00	ppb
Barium	137-1	5087.31	4838.04	4990.65	4972.00	2.53	ppb
Beryllium	9-1	1000.62	988.39	987.01	992.00	0.76	ppb
Bismuth	209-1				97		%
Bismuth	209-2				96		%
Boron	10-1	961.81	972.71	997.27	977.26	1.86	ppb
Boron	11-1	941.82	947.55	972.18	953.85	1.69	ppb
Bromine	81-1						cps
Cadmium	111-1	998.81	972.71	994.22	988.58	1.41	ppb
Cadmium	106-1	994.66	976.64	987.57	986.29	0.92	ppb
Cadmium	108-1	999.38	968.54	991.46	986.46	1.62	ppb
Calcium	43-1	111543.34	114068.12	114066.92	113226.13	1.29	ppb
Calcium	44-1	110648.45	107453.43	108514.25	108872.05	1.49	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1021.08	985.38	991.19	999.22	1.92	ppb
Cobalt	59-2	1023.24	983.54	991.33	999.37	2.10	ppb
Copper	63-2	10233.31	9620.90	9848.37	9900.86	3.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				99		%
Indium	115-1				96		%
Indium	115-2				93		%
Iron	54-2	56526.87	53918.32	54824.37	55089.86	2.40	ppb
Iron	56-2	53201.08	50886.00	52955.10	52347.40	2.43	ppb
Iron	57-2	52343.63	49568.87	50104.61	50672.37	2.90	ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 14:29:24	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	5034.35	5002.02	5024.40	5020.25	0.33	ppb
Lead	207-1	4978.28	5024.43	4990.81	4997.84	0.48	ppb
Lead	208-1	4966.98	5022.81	5014.27	5001.35	0.60	ppb
Lithium	6-1				97		%
Magnesium	24-2	108692.38	105004.93	106030.29	106575.87	1.79	ppb
Manganese	55-2	10204.43	9822.66	10023.56	10016.88	1.91	ppb
Molybdenum	94-1	9865.98	10335.71	9973.08	10058.26	2.45	ppb
Molybdenum	95-1	10025.22	10200.87	9958.55	10061.55	1.24	ppb
Molybdenum	96-1	10061.45	10000.34	10061.90	10041.23	0.35	ppb
Molybdenum	97-1	10016.98	10136.22	9933.15	10028.78	1.02	ppb
Molybdenum	98-1	10020.83	10003.95	10092.33	10039.04	0.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1018.91	969.61	998.01	995.51	2.49	ppb
Phosphorus	31-2	20618.22	19472.49	19882.78	19991.16	2.90	ppb
Potassium	39-2	51537.60	52357.32	51294.71	51729.88	1.08	ppb
Rhodium	103-1				95		%
Rhodium	103-2				94		%
Scandium	45-1				98		%
Scandium	45-2				96		%
Selenium	82-1	993.26	1025.66	975.01	997.98	2.57	ppb
Selenium	77-2	999.88	986.60	984.99	990.49	0.82	ppb
Selenium	78-2	1047.46	954.90	970.86	991.07	4.99	ppb
Silicon	28-1	934.26	932.48	953.01	939.92	1.21	ppb
Silver	107-1	992.13	983.06	972.35	982.51	1.01	ppb
Silver	109-1	1005.66	965.41	997.82	989.63	2.16	ppb
Sodium	23-2	107477.21	103388.61	106853.68	105906.50	2.08	ppb
Strontium	86-1	25248.52	25283.69	24651.58	25061.26	1.42	ppb
Strontium	88-1	24710.23	25796.91	24823.72	25110.29	2.38	ppb
Sulfur	34-1	20053.28	20044.40	20089.34	20062.34	0.12	ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	1020.04	1003.00	1005.05	1009.36	0.92	ppb
Thallium	205-1	1001.50	995.54	1013.75	1003.59	0.93	ppb
Tin	118-1	1027.08	992.42	988.18	1002.56	2.13	ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 14:29:24	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	9922.82	9789.62	10192.15	9968.20	2.06	ppb
Uranium	238-1	988.21	967.20	1042.17	999.19	3.87	ppb
Vanadium	51-2	1023.56	996.99	980.19	1000.25	2.19	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				98		%
Zinc	66-2	10062.78	9743.21	9843.40	9883.13	1.65	ppb
Zirconium	90-1	980.95	1007.68	1025.39	1004.67	2.23	ppb
Zirconium	91-1	989.81	1018.17	1006.53	1004.84	1.42	ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 14:32:31	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	104616.64	97127.57	97772.83	99839.02	4.16	ppb
Antimony	121-1	0.66	0.77	0.76	0.73	8.40	ppb
Arsenic	75-2	0.32	0.37	0.37	0.35	8.48	ppb
Barium	135-1	2.70	3.44	2.92	3.02	12.72	ppb
Barium	137-1	3.12	2.67	2.72	2.84	8.73	ppb
Beryllium	9-1	0.33	0.31	0.29	0.31	5.58	ppb
Bismuth	209-1				92		%
Bismuth	209-2				90		%
Boron	10-1	58.54	55.18	51.44	55.05	6.45	ppb
Boron	11-1	61.40	57.09	54.70	57.73	5.88	ppb
Bromine	81-1						cps
Cadmium	111-1	0.15	0.41	0.38	0.31	46.67	ppb
Cadmium	106-1	-0.34	1.54	0.53	0.58	163.32	ppb
Cadmium	108-1	0.73	0.84	0.57	0.71	19.11	ppb
Calcium	43-1	506222.35	503574.49	479666.40	496487.75	2.95	ppb
Calcium	44-1	502793.14	501521.09	488344.46	497552.90	1.61	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	9.28	8.48	8.69	8.82	4.72	ppb
Cobalt	59-2	0.85	0.80	0.81	0.82	3.44	ppb
Copper	63-2	2.79	2.87	2.87	2.84	1.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				98		%
Indium	115-1				97		%
Indium	115-2				94		%
Iron	54-2	260910.78	241140.68	244288.89	248780.12	4.27	ppb
Iron	56-2	259225.88	244845.07	243917.81	249329.59	3.44	ppb
Iron	57-2	253765.10	251277.15	244350.09	249797.45	1.95	ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 14:32:31	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.61	1.44	1.50	1.52	5.53	ppb
Lead	207-1	1.38	1.23	1.41	1.34	7.37	ppb
Lead	208-1	1.46	1.35	1.36	1.39	4.45	ppb
Lithium	6-1				92		%
Magnesium	24-2	523820.06	484438.97	486243.94	498167.66	4.46	ppb
Manganese	55-2	11.20	10.46	10.39	10.68	4.19	ppb
Molybdenum	94-1	3.25	3.47	3.31	3.34	3.42	ppb
Molybdenum	95-1	3.42	3.47	3.44	3.44	0.66	ppb
Molybdenum	96-1	6.23	6.13	5.96	6.11	2.16	ppb
Molybdenum	97-1	3.47	3.63	3.29	3.46	4.99	ppb
Molybdenum	98-1	3.65	3.33	3.15	3.38	7.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.89	2.80	3.00	2.90	3.49	ppb
Phosphorus	31-2	2.36	-14.25	-0.33	-4.07		ppb
Potassium	39-2	260109.43	244837.33	243724.56	249557.10	3.67	ppb
Rhodium	103-1				90		%
Rhodium	103-2				89		%
Scandium	45-1				99		%
Scandium	45-2				94		%
Selenium	82-1	2.21	1.18	1.22	1.54	38.18	ppb
Selenium	77-2	3.01	1.18	-0.57	1.21	147.91	ppb
Selenium	78-2	-0.19	3.13	1.28	1.41	118.07	ppb
Silicon	28-1	9.80	5.85	3.66	6.44	48.32	ppb
Silver	107-1	0.57	0.50	0.53	0.53	6.69	ppb
Silver	109-1	0.41	0.47	0.43	0.44	6.32	ppb
Sodium	23-2	521277.84	482033.33	491572.14	498294.44	4.11	ppb
Strontium	86-1	7.89	7.95	7.97	7.94	0.53	ppb
Strontium	88-1	7.72	7.88	7.61	7.74	1.76	ppb
Sulfur	34-1	-1929.81	-1804.58	-1955.94	-1896.78		ppb
Terbium	159-1				102		%
Terbium	159-2				98		%
Thallium	203-1	0.26	0.27	0.25	0.26	4.70	ppb
Thallium	205-1	0.29	0.27	0.30	0.28	5.83	ppb
Tin	118-1	1.05	0.99	1.06	1.04	3.80	ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 14:32:31	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2.13	2.14	1.95	2.07	5.33	ppb
Uranium	238-1	0.10	0.09	0.09	0.10	6.21	ppb
Vanadium	51-2	0.34	0.34	0.30	0.33	5.93	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				96		%
Zinc	66-2	11.62	9.82	9.86	10.44	9.84	ppb
Zirconium	90-1	0.29	0.24	0.29	0.27	9.80	ppb
Zirconium	91-1	0.20	0.24	0.23	0.22	8.48	ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	ICV31	Instrumnet Name :	P8
Client Sample ID :	ICV31	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 14:56:04	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	494.90	476.70	476.34	482.65	2.20	ppb
Antimony	121-1	193.29	187.00	185.68	188.66	2.16	ppb
Arsenic	75-2	204.50	197.97	193.93	198.80	2.68	ppb
Barium	135-1	95.17	90.12	90.60	91.96	3.03	ppb
Barium	137-1	94.49	91.77	92.83	93.03	1.47	ppb
Beryllium	9-1	101.39	100.44	102.26	101.36	0.90	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Boron	10-1	4.08	4.44	4.37	4.30	4.44	ppb
Boron	11-1	4.57	4.36	4.47	4.47	2.26	ppb
Bromine	81-1						cps
Cadmium	111-1	102.93	98.24	96.15	99.11	3.50	ppb
Cadmium	106-1	74.38	81.49	75.46	77.11	4.97	ppb
Cadmium	108-1	85.41	80.86	85.36	83.88	3.12	ppb
Calcium	43-1	1954.40	1997.80	1960.89	1971.03	1.19	ppb
Calcium	44-1	1982.70	2007.75	2019.24	2003.23	0.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	98.52	94.92	96.32	96.59	1.88	ppb
Cobalt	59-2	98.24	95.13	94.77	96.05	1.98	ppb
Copper	63-2	94.64	94.05	90.77	93.15	2.24	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				99		%
Indium	115-1				98		%
Indium	115-2				96		%
Iron	54-2	2036.50	1945.80	1953.56	1978.62	2.54	ppb
Iron	56-2	1967.20	1893.40	1903.81	1921.47	2.08	ppb
Iron	57-2	1883.66	1828.66	1868.26	1860.19	1.53	ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	ICV31	Instrumnet Name :	P8
Client Sample ID :	ICV31	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 14:56:04	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	194.75	179.90	184.52	186.39	4.08	ppb
Lead	207-1	178.76	171.74	174.23	174.91	2.04	ppb
Lead	208-1	187.94	175.99	179.27	181.07	3.41	ppb
Lithium	6-1				100		%
Magnesium	24-2	1159.91	1156.98	1120.99	1145.96	1.89	ppb
Manganese	55-2	92.88	87.86	91.60	90.78	2.87	ppb
Molybdenum	94-1	0.10	0.01	0.07	0.06	76.13	ppb
Molybdenum	95-1	0.10	0.00	0.03	0.04	112.54	ppb
Molybdenum	96-1	0.02	0.07	0.06	0.05	57.64	ppb
Molybdenum	97-1	0.01	-0.01	-0.02	-0.01		ppb
Molybdenum	98-1	0.03	0.05	0.02	0.03	49.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	103.29	100.12	96.52	99.98	3.39	ppb
Phosphorus	31-2	-37.77	-19.13	3.99	-17.63		ppb
Potassium	39-2	1908.24	1908.52	1833.56	1883.44	2.29	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				99		%
Scandium	45-2				96		%
Selenium	82-1	204.29	203.42	203.48	203.73	0.24	ppb
Selenium	77-2	206.47	195.01	224.94	208.81	7.23	ppb
Selenium	78-2	213.37	213.57	193.02	206.65	5.71	ppb
Silicon	28-1	-1.46	-1.45	2.44	-0.16		ppb
Silver	107-1	48.64	47.50	46.08	47.41	2.70	ppb
Silver	109-1	47.93	47.92	47.05	47.63	1.06	ppb
Sodium	23-2	1977.45	2053.98	1947.48	1992.97	2.76	ppb
Strontium	86-1	0.14	0.32	0.33	0.26	40.19	ppb
Strontium	88-1	0.27	0.29	0.28	0.28	4.74	ppb
Sulfur	34-1	-1000.22	-915.20	-611.06	-842.16		ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	205.46	192.63	188.61	195.56	4.50	ppb
Thallium	205-1	209.44	197.59	189.91	198.98	4.95	ppb
Tin	118-1	0.53	0.44	0.49	0.49	9.34	ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	ICV31	Instrumnet Name :	P8
Client Sample ID :	ICV31	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 14:56:04	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.08	-0.08	0.05	-0.04		ppb
Uranium	238-1	-0.02	-0.02	-0.03	-0.02		ppb
Vanadium	51-2	92.16	92.69	93.66	92.84	0.82	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				97		%
Zinc	66-2	202.48	197.46	197.35	199.10	1.47	ppb
Zirconium	90-1	0.01	0.00	0.01	0.01	87.79	ppb
Zirconium	91-1	0.06	0.13	0.08	0.09	45.22	ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 15:02:33	DataFile Name :	015LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.40	17.36	18.46	18.07	3.43	ppb
Antimony	121-1	1.88	1.84	1.94	1.89	2.86	ppb
Arsenic	75-2	1.05	0.86	0.75	0.89	16.96	ppb
Barium	135-1	8.61	8.62	8.54	8.59	0.51	ppb
Barium	137-1	9.07	8.67	8.97	8.90	2.36	ppb
Beryllium	9-1	1.02	0.98	0.98	0.99	2.43	ppb
Bismuth	209-1				100		%
Bismuth	209-2				97		%
Boron	10-1	15.36	15.83	15.94	15.71	1.97	ppb
Boron	11-1	16.18	16.30	16.96	16.48	2.55	ppb
Bromine	81-1						cps
Cadmium	111-1	1.18	0.99	0.85	1.00	16.63	ppb
Cadmium	106-1	3.12	1.30	0.14	1.52	98.42	ppb
Cadmium	108-1	0.75	0.71	0.84	0.76	9.01	ppb
Calcium	43-1	498.72	490.91	482.19	490.61	1.68	ppb
Calcium	44-1	504.44	491.57	485.84	493.95	1.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.85	1.60	1.82	1.76	7.82	ppb
Cobalt	59-2	0.86	0.84	0.77	0.82	5.68	ppb
Copper	63-2	1.88	1.84	1.78	1.83	2.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				98		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	54-2	53.21	49.68	51.77	51.55	3.44	ppb
Iron	56-2	47.47	46.35	45.45	46.43	2.18	ppb
Iron	57-2	50.68	40.75	49.12	46.85	11.39	ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 15:02:33	DataFile Name :	015LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.87	0.84	0.86	0.86	2.03	ppb
Lead	207-1	0.84	0.73	0.77	0.78	6.94	ppb
Lead	208-1	0.86	0.81	0.83	0.83	3.31	ppb
Lithium	6-1				104		%
Magnesium	24-2	479.21	458.51	476.55	471.42	2.39	ppb
Manganese	55-2	0.90	0.87	1.24	1.00	20.09	ppb
Molybdenum	94-1	4.90	5.57	5.43	5.30	6.66	ppb
Molybdenum	95-1	4.95	5.21	4.84	5.00	3.81	ppb
Molybdenum	96-1	4.79	4.85	4.63	4.76	2.40	ppb
Molybdenum	97-1	4.74	4.96	4.68	4.79	3.06	ppb
Molybdenum	98-1	4.37	4.60	4.80	4.59	4.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.05	1.10	0.79	0.98	17.08	ppb
Phosphorus	31-2	-1.50	34.44	-5.78	9.06	243.92	ppb
Potassium	39-2	462.17	459.25	461.28	460.90	0.33	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	82-1	4.63	4.71	5.15	4.83	5.81	ppb
Selenium	77-2	2.89	9.93	4.69	5.84	62.62	ppb
Selenium	78-2	3.61	6.68	5.46	5.25	29.39	ppb
Silicon	28-1	1.70	-1.76	0.42	0.12	1474.90	ppb
Silver	107-1	1.02	1.10	0.98	1.03	5.78	ppb
Silver	109-1	0.99	1.05	1.07	1.04	4.02	ppb
Sodium	23-2	493.29	484.95	485.08	487.77	0.98	ppb
Strontium	86-1	0.83	0.82	1.22	0.96	23.99	ppb
Strontium	88-1	0.96	0.99	0.85	0.93	7.88	ppb
Sulfur	34-1	-279.90	-981.93	-570.08	-610.64		ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	0.81	0.88	0.82	0.84	4.28	ppb
Thallium	205-1	0.95	0.86	0.87	0.89	5.61	ppb
Tin	118-1	4.42	4.85	4.61	4.63	4.68	ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 15:02:33	DataFile Name :	015LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.74	4.06	4.59	4.46	8.02	ppb
Uranium	238-1	0.90	0.82	0.82	0.85	5.47	ppb
Vanadium	51-2	4.10	4.52	4.51	4.38	5.54	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				97		%
Zinc	66-2	2.01	1.72	1.91	1.88	7.64	ppb
Zirconium	90-1	0.90	0.86	0.81	0.86	5.27	ppb
Zirconium	91-1	0.84	0.99	0.72	0.85	15.57	ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	ICB31	Instrumnet Name :	P8
Client Sample ID :	ICB31	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 15:05:48	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.05	-0.09	-0.41	-0.52		ppb
Antimony	121-1	0.00	0.02	0.02	0.01	89.70	ppb
Arsenic	75-2	-0.03	-0.01	-0.03	-0.02		ppb
Barium	135-1	-0.06	-0.08	-0.06	-0.07		ppb
Barium	137-1	-0.02	-0.02	-0.06	-0.03		ppb
Beryllium	9-1	-0.02	-0.04	-0.02	-0.02		ppb
Bismuth	209-1				97		%
Bismuth	209-2				97		%
Boron	10-1	3.60	3.02	3.30	3.31	8.72	ppb
Boron	11-1	3.68	3.23	3.31	3.41	7.07	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.17	-0.01	0.13	-0.02		ppb
Cadmium	106-1	-1.74	0.10	1.81	0.06	3110.11	ppb
Cadmium	108-1	0.00	0.09	-0.08	0.00	5487.84	ppb
Calcium	43-1	0.05	-0.14	-2.20	-0.76		ppb
Calcium	44-1	2.15	0.25	-2.16	0.08	2728.57	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.05	0.15	0.07	0.06	185.31	ppb
Cobalt	59-2	-0.05	-0.04	-0.04	-0.04		ppb
Copper	63-2	-0.07	-0.07	-0.10	-0.08		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				97		%
Holmium	165-2				96		%
Indium	115-1				98		%
Indium	115-2				96		%
Iron	54-2	1.85	1.71	0.09	1.22	80.19	ppb
Iron	56-2	0.27	0.26	-0.27	0.09	353.78	ppb
Iron	57-2	1.67	-4.52	0.53	-0.77		ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	ICB31	Instrumnet Name :	P8
Client Sample ID :	ICB31	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 15:05:48	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.01	-0.01	0.02	0.01	189.44	ppb
Lead	207-1	0.04	0.00	-0.03	0.00	2258.51	ppb
Lead	208-1	-0.01	-0.01	0.01	0.00		ppb
Lithium	6-1				101		%
Magnesium	24-2	-3.31	-1.64	-4.24	-3.06		ppb
Manganese	55-2	0.00	-0.02	-0.09	-0.04		ppb
Molybdenum	94-1	-0.02	-0.01	0.00	-0.01		ppb
Molybdenum	95-1	-0.04	-0.02	0.02	-0.01		ppb
Molybdenum	96-1	0.02	0.00	-0.01	0.01	331.98	ppb
Molybdenum	97-1	0.03	0.02	0.01	0.02	50.61	ppb
Molybdenum	98-1	0.00	-0.03	-0.01	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.02	-0.07	-0.04		ppb
Phosphorus	31-2	-19.66	-14.51	-10.66	-14.94		ppb
Potassium	39-2	13.03	40.84	35.20	29.69	49.52	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				98		%
Scandium	45-2				96		%
Selenium	82-1	-0.48	-0.56	-0.77	-0.60		ppb
Selenium	77-2	-0.57	-0.57	-0.57	-0.57		ppb
Selenium	78-2	2.85	-0.10	1.08	1.27	116.73	ppb
Silicon	28-1	0.28	-0.99	-0.81	-0.51		ppb
Silver	107-1	0.01	0.01	0.00	0.01	89.47	ppb
Silver	109-1	0.00	0.02	0.00	0.00	206.40	ppb
Sodium	23-2	17.11	17.19	19.33	17.87	7.03	ppb
Strontium	86-1	0.08	-0.02	0.00	0.02	246.08	ppb
Strontium	88-1	0.04	0.02	0.01	0.02	57.64	ppb
Sulfur	34-1	26.46	-20.37	-724.87	-239.59		ppb
Terbium	159-1				99		%
Terbium	159-2				97		%
Thallium	203-1	-0.02	-0.01	-0.02	-0.02		ppb
Thallium	205-1	0.01	-0.01	-0.02	-0.01		ppb
Tin	118-1	0.03	0.08	0.02	0.04	75.67	ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	ICB31	Instrumnet Name :	P8
Client Sample ID :	ICB31	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 15:05:48	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.08	-0.03	0.11	0.00		ppb
Uranium	238-1	-0.03	-0.03	-0.03	-0.03		ppb
Vanadium	51-2	0.00	-0.01	-0.01	-0.01		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				95		%
Zinc	66-2	-0.05	-0.15	-0.19	-0.13		ppb
Zirconium	90-1	0.00	-0.01	0.00	0.00		ppb
Zirconium	91-1	-0.03	-0.02	0.01	-0.01		ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	ICSA31	Instrumnet Name :	P8
Client Sample ID :	ICSA31	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 15:09:02	DataFile Name :	017ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100205.35	101162.55	99963.28	100443.73	0.63	ppb
Antimony	121-1	1.07	1.20	1.11	1.13	5.94	ppb
Arsenic	75-2	0.35	0.32	0.28	0.31	10.05	ppb
Barium	135-1	1.28	1.47	1.25	1.33	9.06	ppb
Barium	137-1	1.25	1.28	1.41	1.31	6.29	ppb
Beryllium	9-1	0.24	0.25	0.26	0.25	3.80	ppb
Bismuth	209-1				97		%
Bismuth	209-2				94		%
Boron	10-1	3.20	3.05	2.93	3.06	4.33	ppb
Boron	11-1	3.32	3.33	2.95	3.20	6.77	ppb
Bromine	81-1						cps
Cadmium	111-1	0.47	0.94	0.60	0.67	36.14	ppb
Cadmium	106-1	0.28	2.47	1.06	1.27	87.57	ppb
Cadmium	108-1	11.13	8.48	8.61	9.41	15.83	ppb
Calcium	43-1	107216.36	107112.91	95910.80	103413.35	6.28	ppb
Calcium	44-1	109102.53	108425.41	97236.21	104921.38	6.35	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.61	18.97	20.06	19.55	2.80	ppb
Cobalt	59-2	1.13	1.09	1.12	1.12	1.75	ppb
Copper	63-2	7.47	7.55	7.87	7.63	2.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				99		%
Indium	115-1				99		%
Indium	115-2				95		%
Iron	54-2	105063.44	103221.59	106331.01	104872.01	1.49	ppb
Iron	56-2	100655.18	101223.45	100841.58	100906.74	0.29	ppb
Iron	57-2	99587.00	101607.07	102531.25	101241.77	1.49	ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	ICSA31	Instrumnet Name :	P8
Client Sample ID :	ICSA31	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 15:09:02	DataFile Name :	017ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4.96	4.77	4.26	4.66	7.81	ppb
Lead	207-1	4.73	4.28	4.00	4.34	8.45	ppb
Lead	208-1	4.77	4.50	4.07	4.44	7.99	ppb
Lithium	6-1				100		%
Magnesium	24-2	98889.49	97468.50	94742.21	97033.40	2.17	ppb
Manganese	55-2	8.35	7.27	7.62	7.75	7.13	ppb
Molybdenum	94-1	1616.02	1622.47	1444.09	1560.86	6.48	ppb
Molybdenum	95-1	1984.95	1992.63	1791.39	1922.99	5.93	ppb
Molybdenum	96-1	1918.48	1945.28	1721.06	1861.61	6.58	ppb
Molybdenum	97-1	1998.64	1963.26	1750.05	1903.99	7.06	ppb
Molybdenum	98-1	1965.18	1970.20	1794.26	1909.88	5.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.46	5.33	5.41	5.40	1.19	ppb
Phosphorus	31-2	97657.56	98073.66	96942.45	97557.89	0.59	ppb
Potassium	39-2	101030.76	99664.51	97778.14	99491.14	1.64	ppb
Rhodium	103-1				97		%
Rhodium	103-2				94		%
Scandium	45-1				101		%
Scandium	45-2				96		%
Selenium	82-1	0.51	0.51	-0.41	0.20	260.44	ppb
Selenium	77-2	-0.57	-0.57	-0.57	-0.57		ppb
Selenium	78-2	1.35	2.43	0.32	1.36	77.18	ppb
Silicon	28-1	8.88	8.48	0.82	6.06	74.89	ppb
Silver	107-1	0.03	0.03	0.00	0.02	67.70	ppb
Silver	109-1	0.02	0.02	0.03	0.03	16.14	ppb
Sodium	23-2	105464.47	105187.62	102096.94	104249.68	1.79	ppb
Strontium	86-1	34.19	33.92	30.91	33.01	5.50	ppb
Strontium	88-1	34.64	33.91	30.84	33.13	6.09	ppb
Sulfur	34-1	79435.67	81969.25	68883.70	76762.88	9.04	ppb
Terbium	159-1				102		%
Terbium	159-2				97		%
Thallium	203-1	0.10	0.12	0.07	0.10	22.43	ppb
Thallium	205-1	0.09	0.11	0.11	0.10	10.98	ppb
Tin	118-1	0.15	0.20	0.20	0.19	16.87	ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	ICSA31	Instrumnet Name :	P8
Client Sample ID :	ICSA31	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 15:09:02	DataFile Name :	017ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2066.99	2046.70	1842.40	1985.37	6.26	ppb
Uranium	238-1	-0.01	0.00	-0.01	-0.01		ppb
Vanadium	51-2	0.20	0.14	0.16	0.17	19.10	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				96		%
Zinc	66-2	10.73	9.95	10.88	10.52	4.76	ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	159.04	ppb
Zirconium	91-1	0.02	0.02	0.00	0.02	71.63	ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	ICSAB31	Instrumnet Name :	P8
Client Sample ID :	ICSAB31	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 15:15:49	DataFile Name :	019ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	95450.97	99383.92	93120.67	95985.19	3.30	ppb
Antimony	121-1	20.89	20.01	19.81	20.23	2.83	ppb
Arsenic	75-2	19.64	19.35	19.62	19.53	0.84	ppb
Barium	135-1	19.66	20.11	20.25	20.01	1.52	ppb
Barium	137-1	21.59	21.13	21.04	21.25	1.39	ppb
Beryllium	9-1	19.63	19.34	19.24	19.40	1.06	ppb
Bismuth	209-1				96		%
Bismuth	209-2				93		%
Boron	10-1	2.31	1.93	1.77	2.00	13.88	ppb
Boron	11-1	2.05	2.01	2.05	2.04	0.92	ppb
Bromine	81-1						cps
Cadmium	111-1	18.84	19.23	18.43	18.83	2.13	ppb
Cadmium	106-1	12.47	11.98	11.05	11.83	6.10	ppb
Cadmium	108-1	23.64	21.99	25.79	23.81	7.99	ppb
Calcium	43-1	104881.37	105750.08	99478.49	103369.98	3.29	ppb
Calcium	44-1	105360.55	105551.79	100590.40	103834.25	2.71	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	38.39	39.36	37.78	38.51	2.06	ppb
Cobalt	59-2	20.10	20.79	19.36	20.09	3.57	ppb
Copper	63-2	26.03	26.36	24.95	25.78	2.87	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				99		%
Holmium	165-2				98		%
Indium	115-1				98		%
Indium	115-2				95		%
Iron	54-2	98697.26	102923.02	101939.87	101186.72	2.19	ppb
Iron	56-2	96420.36	98738.10	94955.44	96704.63	1.97	ppb
Iron	57-2	97348.34	97847.83	90701.90	95299.36	4.19	ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	ICSAB31	Instrumnet Name :	P8
Client Sample ID :	ICSAB31	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 15:15:49	DataFile Name :	019ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	28.53	28.43	27.12	28.03	2.79	ppb
Lead	207-1	26.83	26.50	26.28	26.54	1.05	ppb
Lead	208-1	27.51	27.22	26.49	27.07	1.94	ppb
Lithium	6-1				100		%
Magnesium	24-2	93285.44	96266.68	92137.28	93896.47	2.27	ppb
Manganese	55-2	25.54	26.66	25.18	25.79	2.98	ppb
Molybdenum	94-1	1605.74	1584.08	1520.93	1570.25	2.81	ppb
Molybdenum	95-1	1947.49	1909.51	1833.57	1896.86	3.06	ppb
Molybdenum	96-1	1908.08	1892.46	1827.20	1875.91	2.29	ppb
Molybdenum	97-1	1947.07	1959.99	1866.99	1924.68	2.62	ppb
Molybdenum	98-1	1935.13	1919.17	1814.67	1889.66	3.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.14	24.61	23.21	23.99	2.96	ppb
Phosphorus	31-2	94204.22	97569.36	92418.10	94730.56	2.76	ppb
Potassium	39-2	95530.16	97874.74	93641.25	95682.05	2.22	ppb
Rhodium	103-1				95		%
Rhodium	103-2				93		%
Scandium	45-1				97		%
Scandium	45-2				96		%
Selenium	82-1	20.70	19.14	18.00	19.28	7.04	ppb
Selenium	77-2	25.89	29.36	14.94	23.40	32.16	ppb
Selenium	78-2	18.68	25.03	19.34	21.02	16.62	ppb
Silicon	28-1	14.90	11.84	10.12	12.29	19.72	ppb
Silver	107-1	18.55	18.37	18.39	18.43	0.54	ppb
Silver	109-1	18.53	18.24	17.51	18.09	2.91	ppb
Sodium	23-2	99460.97	103917.42	98907.83	100762.07	2.73	ppb
Strontium	86-1	34.10	33.70	32.02	33.27	3.32	ppb
Strontium	88-1	34.02	33.60	31.83	33.15	3.50	ppb
Sulfur	34-1	77179.86	78488.40	73881.72	76516.66	3.10	ppb
Terbium	159-1				101		%
Terbium	159-2				98		%
Thallium	203-1	25.35	24.96	24.33	24.88	2.07	ppb
Thallium	205-1	25.31	24.98	24.64	24.98	1.33	ppb
Tin	118-1	0.21	0.19	0.26	0.22	16.81	ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	ICSAB31	Instrumnet Name :	P8
Client Sample ID :	ICSAB31	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 15:15:49	DataFile Name :	019ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2013.72	2007.10	1887.68	1969.50	3.60	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	19.23	19.69	19.12	19.35	1.55	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				97		%
Zinc	66-2	29.98	29.35	29.89	29.74	1.16	ppb
Zirconium	90-1	0.03	0.01	0.02	0.02	60.04	ppb
Zirconium	91-1	0.04	0.02	0.06	0.04	37.81	ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	CCV36	Instrumnet Name :	P8
Client Sample ID :	CCV36	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 15:18:56	DataFile Name :	020CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53225.52	50295.59	51985.27	51835.46	2.84	ppb
Antimony	121-1	463.05	474.45	473.95	470.48	1.37	ppb
Arsenic	75-2	474.52	475.03	467.77	472.44	0.86	ppb
Barium	135-1	2383.01	2420.04	2433.44	2412.16	1.08	ppb
Barium	137-1	2387.68	2492.05	2481.61	2453.78	2.34	ppb
Beryllium	9-1	471.28	456.11	454.10	460.50	2.04	ppb
Bismuth	209-1				94		%
Bismuth	209-2				92		%
Boron	10-1	982.45	973.29	1003.80	986.51	1.59	ppb
Boron	11-1	947.76	986.12	977.06	970.31	2.07	ppb
Bromine	81-1						cps
Cadmium	111-1	451.16	463.75	459.51	458.14	1.40	ppb
Cadmium	106-1	475.39	465.92	466.13	469.15	1.15	ppb
Cadmium	108-1	471.28	470.71	457.54	466.51	1.67	ppb
Calcium	43-1	254105.35	257320.45	253057.56	254827.79	0.87	ppb
Calcium	44-1	248367.67	253024.76	256688.63	252693.69	1.65	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	489.25	472.66	472.60	478.17	2.01	ppb
Cobalt	59-2	481.82	467.07	470.37	473.09	1.64	ppb
Copper	63-2	4977.70	4869.13	4721.61	4856.15	2.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				98		%
Indium	115-1				97		%
Indium	115-2				93		%
Iron	54-2	132331.34	127780.64	124114.60	128075.52	3.21	ppb
Iron	56-2	127551.03	122138.06	123423.97	124371.02	2.27	ppb
Iron	57-2	125797.51	123098.80	121770.37	123555.56	1.66	ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	CCV36	Instrumnet Name :	P8
Client Sample ID :	CCV36	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 15:18:56	DataFile Name :	020CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2487.30	2521.53	2467.05	2491.96	1.11	ppb
Lead	207-1	2443.69	2489.54	2388.56	2440.59	2.07	ppb
Lead	208-1	2467.95	2495.17	2430.17	2464.43	1.32	ppb
Lithium	6-1				99		%
Magnesium	24-2	250566.29	247229.08	246407.51	248067.62	0.89	ppb
Manganese	55-2	4925.07	4660.14	4585.71	4723.64	3.78	ppb
Molybdenum	94-1	4756.41	4783.50	4847.20	4795.70	0.97	ppb
Molybdenum	95-1	4767.10	4832.88	4747.34	4782.44	0.94	ppb
Molybdenum	96-1	4828.34	4922.09	4752.59	4834.34	1.76	ppb
Molybdenum	97-1	4790.02	4852.55	4862.14	4834.90	0.81	ppb
Molybdenum	98-1	4823.06	4791.68	4773.82	4796.19	0.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	480.23	462.72	467.36	470.10	1.93	ppb
Phosphorus	31-2	9611.62	9089.25	9487.12	9396.00	2.90	ppb
Potassium	39-2	127069.01	120876.13	120535.14	122826.76	2.99	ppb
Rhodium	103-1				92		%
Rhodium	103-2				92		%
Scandium	45-1				100		%
Scandium	45-2				95		%
Selenium	82-1	478.57	477.95	475.75	477.42	0.31	ppb
Selenium	77-2	467.09	442.99	512.61	474.23	7.45	ppb
Selenium	78-2	486.54	472.30	475.73	478.19	1.55	ppb
Silicon	28-1	1671.10	1647.37	1677.78	1665.42	0.96	ppb
Silver	107-1	459.21	469.32	463.24	463.92	1.10	ppb
Silver	109-1	462.78	469.78	462.92	465.16	0.86	ppb
Sodium	23-2	256050.76	249563.58	252831.55	252815.30	1.28	ppb
Strontium	86-1	11936.04	12178.63	12193.68	12102.78	1.19	ppb
Strontium	88-1	12135.63	12002.92	12152.10	12096.88	0.68	ppb
Sulfur	34-1	8920.28	8637.50	8530.17	8695.98	2.32	ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	479.82	480.35	484.58	481.59	0.54	ppb
Thallium	205-1	496.77	510.52	495.59	500.96	1.66	ppb
Tin	118-1	468.26	476.36	468.15	470.92	1.00	ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	CCV36	Instrumnet Name :	P8
Client Sample ID :	CCV36	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 15:18:56	DataFile Name :	020CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4841.40	4856.23	4797.55	4831.72	0.63	ppb
Uranium	238-1	511.50	504.67	501.97	506.05	0.97	ppb
Vanadium	51-2	490.64	485.47	477.33	484.48	1.38	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				97		%
Zinc	66-2	4788.60	4631.95	4627.01	4682.52	1.96	ppb
Zirconium	90-1	496.79	490.45	483.10	490.11	1.40	ppb
Zirconium	91-1	493.40	492.78	492.18	492.79	0.12	ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	CCB36	Instrumnet Name :	P8
Client Sample ID :	CCB36	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 15:25:09	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.48	2.11	1.98	2.19	11.83	ppb
Antimony	121-1	0.07	0.09	0.12	0.09	29.13	ppb
Arsenic	75-2	-0.02	-0.04	0.02	-0.01		ppb
Barium	135-1	0.08	-0.06	0.01	0.01	917.77	ppb
Barium	137-1	0.05	0.01	0.07	0.04	66.54	ppb
Beryllium	9-1	0.03	0.02	0.02	0.02	16.12	ppb
Bismuth	209-1				103		%
Bismuth	209-2				98		%
Boron	10-1	15.81	13.93	14.43	14.72	6.62	ppb
Boron	11-1	16.34	14.46	14.89	15.23	6.45	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.02	-0.05	-0.10	-0.06		ppb
Cadmium	106-1	-0.38	-0.58	-1.07	-0.68		ppb
Cadmium	108-1	0.35	0.21	0.19	0.25	35.74	ppb
Calcium	43-1	15.28	6.72	9.11	10.37	42.64	ppb
Calcium	44-1	14.48	3.25	9.57	9.10	61.86	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	-0.06	0.02	-0.01		ppb
Cobalt	59-2	-0.03	-0.04	-0.03	-0.03		ppb
Copper	63-2	0.31	0.35	0.27	0.31	12.39	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				102		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	54-2	6.69	5.16	2.06	4.64	50.87	ppb
Iron	56-2	3.53	4.19	4.14	3.95	9.40	ppb
Iron	57-2	-0.95	0.18	2.68	0.64	291.18	ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	CCB36	Instrumnet Name :	P8
Client Sample ID :	CCB36	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 15:25:09	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.17	0.12	0.09	0.12	31.78	ppb
Lead	207-1	0.11	0.02	0.10	0.08	67.89	ppb
Lead	208-1	0.10	0.06	0.06	0.08	33.10	ppb
Lithium	6-1				103		%
Magnesium	24-2	-0.08	2.80	3.73	2.15	92.47	ppb
Manganese	55-2	0.04	0.03	0.10	0.06	64.82	ppb
Molybdenum	94-1	0.32	0.15	0.26	0.24	34.37	ppb
Molybdenum	95-1	0.29	0.25	0.22	0.25	15.25	ppb
Molybdenum	96-1	0.31	0.19	0.21	0.24	26.09	ppb
Molybdenum	97-1	0.41	0.30	0.18	0.30	39.15	ppb
Molybdenum	98-1	0.25	0.13	0.28	0.22	35.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.05	-0.04	-0.05	-0.05		ppb
Phosphorus	31-2	-18.08	-6.04	-37.47	-20.53		ppb
Potassium	39-2	8.26	43.88	37.11	29.75	63.60	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				103		%
Scandium	45-2				99		%
Selenium	82-1	-0.44	-0.43	0.59	-0.09		ppb
Selenium	77-2	-0.57	-0.57	-0.57	-0.57		ppb
Selenium	78-2	1.16	-0.19	0.20	0.39	178.58	ppb
Silicon	28-1	3.49	-8.39	2.50	-0.80		ppb
Silver	107-1	0.04	0.02	0.04	0.03	37.23	ppb
Silver	109-1	0.06	0.03	0.04	0.04	31.74	ppb
Sodium	23-2	32.81	43.36	47.40	41.19	18.30	ppb
Strontium	86-1	0.46	0.27	0.45	0.39	26.49	ppb
Strontium	88-1	0.50	0.32	0.38	0.40	22.63	ppb
Sulfur	34-1	-703.59	-2761.85	-806.63	-1424.02		ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	0.06	-0.01	0.00	0.02	191.17	ppb
Thallium	205-1	0.05	0.04	0.02	0.04	36.64	ppb
Tin	118-1	0.07	0.06	0.05	0.06	15.63	ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	CCB36	Instrumnet Name :	P8
Client Sample ID :	CCB36	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 15:25:09	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.29	0.02	0.22	0.18	77.17	ppb
Uranium	238-1	-0.02	-0.02	-0.01	-0.02		ppb
Vanadium	51-2	-0.01	-0.02	0.01	-0.01		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				98		%
Zinc	66-2	-0.04	-0.27	0.13	-0.06		ppb
Zirconium	90-1	0.02	0.02	0.01	0.02	35.67	ppb
Zirconium	91-1	0.00	-0.01	-0.01	-0.01		ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 15:28:22	DataFile Name :	022LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.69	18.59	19.14	19.14	2.88	ppb
Antimony	121-1	1.72	2.06	1.71	1.83	10.80	ppb
Arsenic	75-2	1.20	0.92	0.98	1.03	14.29	ppb
Barium	135-1	8.13	8.32	9.10	8.52	6.01	ppb
Barium	137-1	7.56	9.28	8.57	8.47	10.17	ppb
Beryllium	9-1	1.04	0.98	1.01	1.01	3.28	ppb
Bismuth	209-1				102		%
Bismuth	209-2				97		%
Boron	10-1	21.81	21.57	20.74	21.37	2.61	ppb
Boron	11-1	22.88	22.73	22.91	22.84	0.42	ppb
Bromine	81-1						cps
Cadmium	111-1	0.66	1.06	0.95	0.89	23.72	ppb
Cadmium	106-1	-0.95	2.81	-0.76	0.37	577.78	ppb
Cadmium	108-1	0.65	1.23	1.24	1.04	32.42	ppb
Calcium	43-1	484.21	513.42	488.16	495.26	3.20	ppb
Calcium	44-1	494.20	510.09	497.78	500.69	1.66	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.70	1.91	1.77	1.79	5.96	ppb
Cobalt	59-2	0.91	0.84	0.82	0.86	6.09	ppb
Copper	63-2	2.02	1.96	1.94	1.97	2.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				97		%
Indium	115-1				99		%
Indium	115-2				95		%
Iron	54-2	47.36	53.60	42.00	47.65	12.17	ppb
Iron	56-2	49.37	47.67	49.29	48.78	1.97	ppb
Iron	57-2	49.27	52.18	40.68	47.38	12.62	ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 15:28:22	DataFile Name :	022LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.92	0.93	0.83	0.89	6.15	ppb
Lead	207-1	0.78	0.69	0.88	0.78	12.19	ppb
Lead	208-1	0.85	0.83	0.84	0.84	1.30	ppb
Lithium	6-1				102		%
Magnesium	24-2	495.44	480.49	469.25	481.73	2.73	ppb
Manganese	55-2	1.03	0.77	0.78	0.86	16.99	ppb
Molybdenum	94-1	5.52	5.23	5.38	5.38	2.68	ppb
Molybdenum	95-1	4.73	4.72	5.26	4.90	6.34	ppb
Molybdenum	96-1	4.92	4.57	4.95	4.81	4.43	ppb
Molybdenum	97-1	4.99	4.83	4.78	4.87	2.25	ppb
Molybdenum	98-1	4.97	5.24	4.63	4.95	6.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.06	0.99	1.05	1.03	3.51	ppb
Phosphorus	31-2	13.45	-0.84	-37.58	-8.32		ppb
Potassium	39-2	496.71	482.26	475.53	484.83	2.23	ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				98		%
Scandium	45-2				96		%
Selenium	82-1	4.38	4.18	5.33	4.63	13.28	ppb
Selenium	77-2	4.75	6.51	6.45	5.90	17.00	ppb
Selenium	78-2	4.32	5.58	6.10	5.33	17.14	ppb
Silicon	28-1	1.18	4.44	3.53	3.05	55.13	ppb
Silver	107-1	0.90	1.04	0.95	0.96	7.14	ppb
Silver	109-1	0.94	1.06	1.00	1.00	6.30	ppb
Sodium	23-2	533.25	512.09	514.57	519.97	2.22	ppb
Strontium	86-1	1.15	1.04	0.89	1.03	12.68	ppb
Strontium	88-1	1.06	1.00	0.98	1.01	3.77	ppb
Sulfur	34-1	-941.85	-204.73	-614.09	-586.89		ppb
Terbium	159-1				100		%
Terbium	159-2				97		%
Thallium	203-1	0.84	0.84	0.81	0.83	1.84	ppb
Thallium	205-1	0.87	0.79	0.95	0.87	8.80	ppb
Tin	118-1	4.22	4.87	4.31	4.46	7.90	ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 15:28:22	DataFile Name :	022LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.44	4.52	4.77	4.58	3.69	ppb
Uranium	238-1	0.79	0.81	0.85	0.82	3.69	ppb
Vanadium	51-2	4.40	4.56	4.64	4.53	2.65	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				96		%
Zinc	66-2	2.51	2.07	1.98	2.18	13.00	ppb
Zirconium	90-1	0.90	0.84	0.83	0.86	4.53	ppb
Zirconium	91-1	0.91	0.89	0.82	0.87	5.01	ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P8
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 15:31:37	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.05	19.12	17.62	18.93	6.48	ppb
Antimony	121-1	1.91	1.99	1.94	1.95	2.18	ppb
Arsenic	75-2	1.00	1.00	0.95	0.98	2.94	ppb
Barium	135-1	8.85	8.59	8.48	8.64	2.17	ppb
Barium	137-1	8.34	8.79	8.75	8.62	2.86	ppb
Beryllium	9-1	1.02	0.97	0.93	0.97	4.42	ppb
Bismuth	209-1				99		%
Bismuth	209-2				97		%
Boron	10-1	19.59	19.63	19.41	19.54	0.60	ppb
Boron	11-1	20.81	20.96	20.45	20.74	1.26	ppb
Bromine	81-1						cps
Cadmium	111-1	1.04	0.83	0.82	0.90	13.78	ppb
Cadmium	106-1	2.96	-0.96	-1.66	0.12	2132.87	ppb
Cadmium	108-1	1.39	1.17	0.77	1.11	28.00	ppb
Calcium	43-1	509.10	495.52	462.01	488.87	4.96	ppb
Calcium	44-1	508.64	499.59	478.13	495.45	3.16	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.83	1.89	1.76	1.83	3.44	ppb
Cobalt	59-2	0.90	0.83	0.86	0.87	4.10	ppb
Copper	63-2	2.06	1.94	2.01	2.00	2.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				98		%
Indium	115-1				99		%
Indium	115-2				96		%
Iron	54-2	54.21	49.99	50.32	51.50	4.56	ppb
Iron	56-2	47.47	45.58	47.75	46.93	2.52	ppb
Iron	57-2	47.48	37.52	43.00	42.67	11.69	ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P8
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 15:31:37	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.83	0.81	0.80	0.81	1.98	ppb
Lead	207-1	0.87	0.77	0.86	0.83	6.79	ppb
Lead	208-1	0.85	0.74	0.83	0.81	7.21	ppb
Lithium	6-1				101		%
Magnesium	24-2	474.87	451.42	455.99	460.76	2.70	ppb
Manganese	55-2	1.00	0.79	0.66	0.81	21.03	ppb
Molybdenum	94-1	5.70	5.83	5.33	5.62	4.61	ppb
Molybdenum	95-1	4.60	5.02	4.93	4.85	4.57	ppb
Molybdenum	96-1	4.60	4.87	4.65	4.71	3.03	ppb
Molybdenum	97-1	4.82	4.88	5.04	4.91	2.33	ppb
Molybdenum	98-1	4.85	4.83	4.65	4.78	2.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.78	0.94	0.88	0.87	9.19	ppb
Phosphorus	31-2	16.39	-3.14	-5.53	2.57	467.01	ppb
Potassium	39-2	476.87	409.88	471.99	452.92	8.25	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	82-1	5.19	5.74	3.95	4.96	18.49	ppb
Selenium	77-2	1.16	11.56	6.43	6.38	81.48	ppb
Selenium	78-2	4.98	5.48	7.15	5.87	19.35	ppb
Silicon	28-1	5.44	2.40	-1.01	2.28	141.70	ppb
Silver	107-1	1.03	0.96	1.04	1.01	4.41	ppb
Silver	109-1	0.98	0.91	0.98	0.96	3.93	ppb
Sodium	23-2	506.10	481.00	499.95	495.68	2.64	ppb
Strontium	86-1	1.00	1.20	0.98	1.06	11.39	ppb
Strontium	88-1	1.03	0.94	0.91	0.96	6.39	ppb
Sulfur	34-1	-332.14	-492.29	-1106.39	-643.61		ppb
Terbium	159-1				99		%
Terbium	159-2				100		%
Thallium	203-1	0.91	0.94	0.90	0.92	2.40	ppb
Thallium	205-1	0.83	0.85	0.92	0.86	5.43	ppb
Tin	118-1	4.88	4.49	4.38	4.58	5.74	ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P8
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 15:31:37	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.69	4.74	4.15	4.53	7.23	ppb
Uranium	238-1	0.82	0.81	0.78	0.80	2.34	ppb
Vanadium	51-2	4.70	3.98	4.34	4.34	8.28	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				97		%
Zinc	66-2	2.03	1.93	2.25	2.07	8.03	ppb
Zirconium	90-1	0.80	0.77	0.91	0.83	9.18	ppb
Zirconium	91-1	0.82	0.91	0.78	0.83	8.13	ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	PB151043BL	Instrumnet Name :	P8
Client Sample ID :	PB151043BL	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 15:34:52	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.58	1.20	1.53	1.44	14.21	ppb
Antimony	121-1	0.02	0.00	0.03	0.02	91.96	ppb
Arsenic	75-2	0.00	0.02	-0.04	-0.01		ppb
Barium	135-1	0.01	-0.06	-0.06	-0.04		ppb
Barium	137-1	-0.02	-0.05	-0.07	-0.04		ppb
Beryllium	9-1	-0.03	-0.04	-0.04	-0.03		ppb
Bismuth	209-1				99		%
Bismuth	209-2				95		%
Boron	10-1	6.10	5.46	6.07	5.88	6.15	ppb
Boron	11-1	6.57	5.69	6.03	6.10	7.30	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.02	0.24	0.01	0.08	180.39	ppb
Cadmium	106-1	-0.21	3.13	0.64	1.19	146.40	ppb
Cadmium	108-1	0.01	-0.17	0.09	-0.02		ppb
Calcium	43-1	11.21	6.44	3.47	7.04	55.45	ppb
Calcium	44-1	14.38	8.23	6.95	9.85	40.29	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	0.05	0.05	0.04	48.26	ppb
Cobalt	59-2	-0.05	-0.03	-0.05	-0.04		ppb
Copper	63-2	0.16	0.07	0.06	0.09	57.00	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				97		%
Holmium	165-2				96		%
Indium	115-1				99		%
Indium	115-2				94		%
Iron	54-2	1.41	1.79	3.02	2.07	40.63	ppb
Iron	56-2	0.65	0.34	0.54	0.51	30.44	ppb
Iron	57-2	-0.28	-3.09	-4.46	-2.61		ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	PB151043BL	Instrumnet Name :	P8
Client Sample ID :	PB151043BL	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 15:34:52	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.16	-0.02	0.03	0.06	167.08	ppb
Lead	207-1	0.15	0.03	-0.03	0.05	177.92	ppb
Lead	208-1	0.12	-0.01	0.00	0.04	184.28	ppb
Lithium	6-1				101		%
Magnesium	24-2	-3.19	-2.42	-3.22	-2.94		ppb
Manganese	55-2	0.00	-0.03	-0.06	-0.03		ppb
Molybdenum	94-1	0.11	0.04	0.00	0.05	108.49	ppb
Molybdenum	95-1	0.08	0.04	0.04	0.05	41.24	ppb
Molybdenum	96-1	0.09	0.04	-0.01	0.04	120.25	ppb
Molybdenum	97-1	0.19	0.00	0.01	0.07	157.06	ppb
Molybdenum	98-1	0.10	0.01	0.03	0.05	92.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.06	0.02	-0.01	0.02	177.05	ppb
Phosphorus	31-2	-3.81	-5.67	-9.69	-6.39		ppb
Potassium	39-2	48.09	-0.33	34.14	27.30	91.30	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				98		%
Scandium	45-2				95		%
Selenium	82-1	-0.48	-0.63	-0.14	-0.41		ppb
Selenium	77-2	2.99	-0.57	-0.57	0.62	332.06	ppb
Selenium	78-2	-1.17	1.00	0.20	0.01	11786.20	ppb
Silicon	28-1	6.31	0.79	4.12	3.74	74.37	ppb
Silver	107-1	0.01	0.01	0.02	0.01	27.67	ppb
Silver	109-1	0.01	0.02	0.01	0.02	21.05	ppb
Sodium	23-2	31.19	22.39	24.75	26.11	17.44	ppb
Strontium	86-1	0.11	0.08	0.00	0.07	84.79	ppb
Strontium	88-1	0.14	0.03	0.02	0.07	101.31	ppb
Sulfur	34-1	3.52	-855.86	-339.34	-397.23		ppb
Terbium	159-1				97		%
Terbium	159-2				95		%
Thallium	203-1	0.01	-0.04	0.00	-0.01		ppb
Thallium	205-1	0.02	0.00	0.00	0.01	230.28	ppb
Tin	118-1	0.18	0.21	0.23	0.21	13.53	ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	PB151043BL	Instrumnet Name :	P8
Client Sample ID :	PB151043BL	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 15:34:52	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.04	0.10	-0.21	-0.02		ppb
Uranium	238-1	-0.01	-0.02	-0.03	-0.02		ppb
Vanadium	51-2	-0.01	-0.01	0.00	-0.01		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				96		%
Zinc	66-2	0.24	0.29	-0.01	0.17	92.40	ppb
Zirconium	90-1	0.01	0.01	-0.01	0.00	245.88	ppb
Zirconium	91-1	0.00	0.00	0.02	0.00	229.33	ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	PB151043BS	Instrumnet Name :	P8
Client Sample ID :	PB151043BS	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 15:38:07	DataFile Name :	025LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	43.14	39.10	39.06	40.43	5.80	ppb
Antimony	121-1	3.71	3.68	3.93	3.78	3.66	ppb
Arsenic	75-2	1.92	1.94	1.98	1.95	1.72	ppb
Barium	135-1	18.31	16.59	18.53	17.81	5.98	ppb
Barium	137-1	17.96	18.16	18.56	18.23	1.66	ppb
Beryllium	9-1	1.97	2.01	1.87	1.95	3.55	ppb
Bismuth	209-1				101		%
Bismuth	209-2				97		%
Boron	10-1	30.00	32.19	32.96	31.72	4.84	ppb
Boron	11-1	32.48	33.83	34.39	33.57	2.93	ppb
Bromine	81-1						cps
Cadmium	111-1	2.33	1.92	2.31	2.19	10.45	ppb
Cadmium	106-1	5.65	3.45	1.81	3.64	53.01	ppb
Cadmium	108-1	2.26	1.72	1.55	1.84	19.99	ppb
Calcium	43-1	990.55	992.63	953.18	978.79	2.27	ppb
Calcium	44-1	1006.13	1021.55	979.46	1002.38	2.12	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.22	3.97	4.01	4.07	3.25	ppb
Cobalt	59-2	1.96	1.91	1.93	1.93	1.17	ppb
Copper	63-2	3.89	3.79	3.70	3.79	2.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				98		%
Indium	115-1				98		%
Indium	115-2				96		%
Iron	54-2	398.69	373.58	375.58	382.62	3.65	ppb
Iron	56-2	386.53	393.03	379.14	386.23	1.80	ppb
Iron	57-2	396.30	375.68	381.75	384.57	2.75	ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	PB151043BS	Instrumnet Name :	P8
Client Sample ID :	PB151043BS	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 15:38:07	DataFile Name :	025LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.75	1.72	1.68	1.72	1.93	ppb
Lead	207-1	1.74	1.69	1.65	1.69	2.59	ppb
Lead	208-1	1.84	1.69	1.69	1.74	5.00	ppb
Lithium	6-1				100		%
Magnesium	24-2	995.72	937.36	978.21	970.43	3.09	ppb
Manganese	55-2	2.20	1.77	1.75	1.91	13.26	ppb
Molybdenum	94-1	5.95	5.61	4.79	5.45	10.97	ppb
Molybdenum	95-1	2.11	2.25	2.28	2.22	4.21	ppb
Molybdenum	96-1	2.72	2.28	2.67	2.56	9.58	ppb
Molybdenum	97-1	2.23	2.15	1.93	2.11	7.32	ppb
Molybdenum	98-1	2.21	2.24	2.29	2.25	1.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.07	1.85	1.95	1.96	5.69	ppb
Phosphorus	31-2	1.95	-6.76	-15.35	-6.72		ppb
Potassium	39-2	965.70	953.89	967.17	962.25	0.76	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	82-1	10.31	9.16	10.86	10.11	8.61	ppb
Selenium	77-2	16.66	11.57	8.12	12.12	35.46	ppb
Selenium	78-2	11.53	11.03	10.14	10.90	6.48	ppb
Silicon	28-1	-0.03	4.64	2.13	2.25	104.15	ppb
Silver	107-1	1.82	1.93	1.91	1.89	3.01	ppb
Silver	109-1	1.90	1.94	1.93	1.92	1.11	ppb
Sodium	23-2	1017.18	1009.89	1001.00	1009.36	0.80	ppb
Strontium	86-1	2.12	2.21	1.89	2.08	7.92	ppb
Strontium	88-1	2.03	2.08	2.13	2.08	2.48	ppb
Sulfur	34-1	-771.87	-680.27	-658.34	-703.49		ppb
Terbium	159-1				100		%
Terbium	159-2				97		%
Thallium	203-1	1.78	1.73	1.80	1.77	1.88	ppb
Thallium	205-1	1.86	1.68	1.73	1.76	5.33	ppb
Tin	118-1	0.09	0.13	0.13	0.12	17.52	ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	PB151043BS	Instrumnet Name :	P8
Client Sample ID :	PB151043BS	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 15:38:07	DataFile Name :	025LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	10.28	10.37	9.24	9.96	6.28	ppb
Uranium	238-1	1.91	1.72	1.79	1.81	5.31	ppb
Vanadium	51-2	9.47	9.22	9.12	9.27	1.93	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				98		%
Zinc	66-2	12.26	10.33	10.55	11.05	9.54	ppb
Zirconium	90-1	1.95	1.92	1.83	1.90	3.32	ppb
Zirconium	91-1	1.90	1.96	2.01	1.95	2.94	ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	O1509-02DLX5	Instrumnet Name :	P8
Client Sample ID :	OW-04B-18-28-020823D	Dilution Factor :	5
Date & Time Acquired :	2023-02-24 15:41:20	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	239.03	270.94	261.65	257.21	6.38	ppb
Antimony	121-1	0.00	0.02	0.01	0.01	137.60	ppb
Arsenic	75-2	0.33	0.34	0.24	0.30	18.30	ppb
Barium	135-1	43.46	42.30	44.05	43.27	2.06	ppb
Barium	137-1	44.32	45.91	45.39	45.20	1.79	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	449.74	ppb
Bismuth	209-1				97		%
Bismuth	209-2				99		%
Boron	10-1	9.74	9.53	9.31	9.53	2.27	ppb
Boron	11-1	10.11	10.14	10.02	10.09	0.65	ppb
Bromine	81-1						cps
Cadmium	111-1	0.46	0.25	0.27	0.33	35.69	ppb
Cadmium	106-1	4.46	0.70	1.68	2.28	85.63	ppb
Cadmium	108-1	0.26	0.00	-0.17	0.03	723.63	ppb
Calcium	43-1	3091.61	3189.11	3004.45	3095.06	2.98	ppb
Calcium	44-1	3131.04	3228.29	3059.18	3139.51	2.70	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.52	0.52	0.54	0.52	1.89	ppb
Cobalt	59-2	21.40	22.65	22.53	22.19	3.10	ppb
Copper	63-2	0.94	0.83	0.92	0.90	6.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				99		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	54-2	543.14	580.50	589.52	571.05	4.31	ppb
Iron	56-2	514.19	547.75	547.82	536.59	3.61	ppb
Iron	57-2	551.53	531.13	564.11	548.92	3.03	ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	O1509-02DLX5	Instrumnet Name :	P8
Client Sample ID :	OW-04B-18-28-020823D	Dilution Factor :	5
Date & Time Acquired :	2023-02-24 15:41:20	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.32	0.35	0.31	0.33	5.80	ppb
Lead	207-1	0.33	0.33	0.30	0.32	6.44	ppb
Lead	208-1	0.34	0.32	0.40	0.35	10.95	ppb
Lithium	6-1				100		%
Magnesium	24-2	1653.62	1777.17	1701.87	1710.89	3.64	ppb
Manganese	55-2	1073.52	1137.79	1124.24	1111.85	3.05	ppb
Molybdenum	94-1	0.48	0.37	0.34	0.40	18.44	ppb
Molybdenum	95-1	0.12	0.07	0.10	0.10	26.98	ppb
Molybdenum	96-1	0.09	0.11	0.13	0.11	16.93	ppb
Molybdenum	97-1	0.10	0.02	0.08	0.07	60.67	ppb
Molybdenum	98-1	0.07	0.08	0.03	0.06	48.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.27	3.06	3.23	3.19	3.50	ppb
Phosphorus	31-2	-9.56	-14.90	-28.13	-17.53		ppb
Potassium	39-2	717.45	829.76	799.48	782.23	7.43	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	82-1	-0.15	0.03	-0.05	-0.06		ppb
Selenium	77-2	-0.57	1.18	1.19	0.60	168.29	ppb
Selenium	78-2	-0.50	1.57	3.76	1.61	132.22	ppb
Silicon	28-1	183.26	166.73	159.89	169.96	7.07	ppb
Silver	107-1	0.00	0.01	0.00	0.00	156.60	ppb
Silver	109-1	0.01	0.01	0.01	0.01	21.21	ppb
Sodium	23-2	13981.01	15562.25	14938.65	14827.30	5.37	ppb
Strontium	86-1	23.45	22.79	21.76	22.67	3.74	ppb
Strontium	88-1	22.53	23.41	22.40	22.78	2.42	ppb
Sulfur	34-1	877.90	1522.31	673.89	1024.70	43.22	ppb
Terbium	159-1				98		%
Terbium	159-2				101		%
Thallium	203-1	0.29	0.26	0.25	0.27	7.99	ppb
Thallium	205-1	0.30	0.30	0.25	0.28	10.33	ppb
Tin	118-1	0.13	0.15	0.19	0.16	18.32	ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	O1509-02DLX5	Instrumnet Name :	P8
Client Sample ID :	OW-04B-18-28-020823D	Dilution Factor :	5
Date & Time Acquired :	2023-02-24 15:41:20	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	3.06	3.10	4.87	3.68	28.09	ppb
Uranium	238-1	0.01	0.01	0.00	0.01	85.03	ppb
Vanadium	51-2	1.57	1.47	1.58	1.54	4.00	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				99		%
Zinc	66-2	26.14	27.41	25.59	26.38	3.54	ppb
Zirconium	90-1	0.12	0.09	0.17	0.13	33.48	ppb
Zirconium	91-1	0.11	0.11	0.13	0.12	10.16	ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	O1509-02DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	OW-04B-18-28-020823D	Dilution Factor :	5
Date & Time Acquired :	2023-02-24 15:44:35	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	282.54	269.25	261.83	271.20	3.87	ppb
Antimony	121-1	0.00	-0.01	0.00	0.00		ppb
Arsenic	75-2	0.43	0.39	0.30	0.37	18.79	ppb
Barium	135-1	43.30	44.91	46.75	44.99	3.84	ppb
Barium	137-1	45.70	45.67	45.97	45.78	0.36	ppb
Beryllium	9-1	-0.01	0.00	0.00	-0.01		ppb
Bismuth	209-1				99		%
Bismuth	209-2				96		%
Boron	10-1	7.75	8.93	8.41	8.36	7.08	ppb
Boron	11-1	8.60	9.02	8.85	8.82	2.44	ppb
Bromine	81-1						cps
Cadmium	111-1	0.34	0.18	-0.03	0.16	111.92	ppb
Cadmium	106-1	1.88	0.11	-1.59	0.13	1289.84	ppb
Cadmium	108-1	0.09	0.17	0.10	0.12	39.51	ppb
Calcium	43-1	3088.72	3124.25	3151.92	3121.63	1.01	ppb
Calcium	44-1	3137.42	3175.40	3137.52	3150.12	0.70	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.63	0.55	0.45	0.54	16.49	ppb
Cobalt	59-2	22.59	22.05	21.91	22.18	1.60	ppb
Copper	63-2	1.02	0.97	0.87	0.96	7.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				98		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	54-2	601.99	502.70	537.20	547.30	9.21	ppb
Iron	56-2	568.28	543.18	523.74	545.07	4.10	ppb
Iron	57-2	570.08	595.81	525.70	563.86	6.29	ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	O1509-02DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	OW-04B-18-28-020823D	Dilution Factor :	5
Date & Time Acquired :	2023-02-24 15:44:35	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.33	0.39	0.46	0.39	17.49	ppb
Lead	207-1	0.41	0.29	0.30	0.33	20.86	ppb
Lead	208-1	0.38	0.34	0.33	0.35	7.81	ppb
Lithium	6-1				100		%
Magnesium	24-2	1812.79	1674.07	1714.03	1733.63	4.12	ppb
Manganese	55-2	1170.48	1098.57	1094.69	1121.25	3.81	ppb
Molybdenum	94-1	0.34	0.27	0.24	0.29	18.00	ppb
Molybdenum	95-1	0.08	0.07	0.15	0.10	41.28	ppb
Molybdenum	96-1	0.06	0.10	0.04	0.07	51.66	ppb
Molybdenum	97-1	0.11	0.12	0.04	0.09	44.73	ppb
Molybdenum	98-1	0.04	0.03	0.04	0.04	17.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.28	3.11	3.32	3.24	3.49	ppb
Phosphorus	31-2	-13.93	-29.33	20.76	-7.50		ppb
Potassium	39-2	834.51	767.37	737.44	779.77	6.38	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	82-1	-0.68	-0.45	-0.33	-0.49		ppb
Selenium	77-2	-0.57	1.17	1.17	0.59	169.71	ppb
Selenium	78-2	1.66	1.04	2.44	1.71	40.99	ppb
Silicon	28-1	168.93	179.57	161.96	170.15	5.21	ppb
Silver	107-1	0.02	0.02	0.01	0.02	53.24	ppb
Silver	109-1	0.02	0.01	0.01	0.01	33.38	ppb
Sodium	23-2	15924.47	14426.38	14607.92	14986.26	5.46	ppb
Strontium	86-1	23.70	23.28	22.59	23.19	2.40	ppb
Strontium	88-1	22.31	22.74	22.35	22.47	1.06	ppb
Sulfur	34-1	773.63	1068.51	918.75	920.30	16.02	ppb
Terbium	159-1				97		%
Terbium	159-2				98		%
Thallium	203-1	0.30	0.23	0.23	0.25	16.10	ppb
Thallium	205-1	0.26	0.30	0.30	0.29	7.70	ppb
Tin	118-1	0.11	0.15	0.22	0.16	33.39	ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	O1509-02DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	OW-04B-18-28-020823D	Dilution Factor :	5
Date & Time Acquired :	2023-02-24 15:44:35	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.83	16.21	2.28	7.77	95.43	ppb
Uranium	238-1	0.02	0.00	0.01	0.01	78.54	ppb
Vanadium	51-2	1.59	1.30	1.55	1.48	10.51	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				97		%
Zinc	66-2	28.40	25.85	28.21	27.49	5.18	ppb
Zirconium	90-1	0.19	0.15	0.23	0.19	21.12	ppb
Zirconium	91-1	0.13	0.12	0.13	0.13	7.75	ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	O1509-02LDLX25	Instrumnet Name :	P8
Client Sample ID :	OW-04B-18-28-020823LI	Dilution Factor :	25
Date & Time Acquired :	2023-02-24 15:47:48	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	160.47	42.62	42.83	81.97	82.92	ppb
Antimony	121-1	-0.01	-0.02	-0.01	-0.01		ppb
Arsenic	75-2	0.57	0.05	0.14	0.25	110.70	ppb
Barium	135-1	8.02	7.54	8.32	7.96	4.95	ppb
Barium	137-1	8.55	8.76	8.44	8.58	1.89	ppb
Beryllium	9-1	-0.04	-0.03	-0.04	-0.03		ppb
Bismuth	209-1				97		%
Bismuth	209-2				98		%
Boron	10-1	3.82	4.04	3.66	3.84	4.87	ppb
Boron	11-1	4.05	3.81	3.97	3.94	3.11	ppb
Bromine	81-1						cps
Cadmium	111-1	0.12	-0.05	0.06	0.05	185.79	ppb
Cadmium	106-1	0.76	-0.68	0.62	0.24	338.92	ppb
Cadmium	108-1	0.09	-0.08	0.00	0.00	7034.91	ppb
Calcium	43-1	631.65	602.60	604.68	612.98	2.64	ppb
Calcium	44-1	652.64	604.48	596.95	618.02	4.89	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.45	0.15	0.08	0.23	86.39	ppb
Cobalt	59-2	4.53	4.35	4.19	4.35	3.96	ppb
Copper	63-2	3.07	0.15	0.14	1.12	150.41	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				98		%
Holmium	165-2				98		%
Indium	115-1				97		%
Indium	115-2				98		%
Iron	54-2	244.78	116.23	103.97	154.99	50.33	ppb
Iron	56-2	235.26	102.47	135.66	157.79	43.80	ppb
Iron	57-2	265.04	132.91	96.19	164.71	53.91	ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	O1509-02LDLX25	Instrumnet Name :	P8
Client Sample ID :	OW-04B-18-28-020823LI	Dilution Factor :	25
Date & Time Acquired :	2023-02-24 15:47:48	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.05	0.00	0.08	0.04	88.11	ppb
Lead	207-1	0.05	0.05	0.01	0.04	57.12	ppb
Lead	208-1	0.03	0.02	0.06	0.04	40.77	ppb
Lithium	6-1				101		%
Magnesium	24-2	664.10	332.04	325.01	440.38	44.00	ppb
Manganese	55-2	217.20	211.47	214.83	214.50	1.34	ppb
Molybdenum	94-1	0.07	0.10	0.05	0.07	35.77	ppb
Molybdenum	95-1	0.00	-0.01	0.04	0.01	251.79	ppb
Molybdenum	96-1	-0.01	0.01	0.01	0.00	319.20	ppb
Molybdenum	97-1	0.04	0.00	0.04	0.03	84.00	ppb
Molybdenum	98-1	0.02	0.01	0.02	0.02	25.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.08	0.61	0.60	0.76	35.45	ppb
Phosphorus	31-2	96.44	-1.82	-24.56	23.36	275.35	ppb
Potassium	39-2	314.25	172.72	163.19	216.72	39.04	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				98		%
Scandium	45-2				99		%
Selenium	82-1	-0.89	-0.92	-0.50	-0.77		ppb
Selenium	77-2	-0.57	1.19	-0.57	0.02	5318.61	ppb
Selenium	78-2	2.97	0.19	-0.48	0.90	204.30	ppb
Silicon	28-1	42.41	32.30	27.64	34.12	22.14	ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Silver	109-1	0.00	0.01	0.00	0.01	76.01	ppb
Sodium	23-2	3124.15	2811.17	2766.53	2900.62	6.72	ppb
Strontium	86-1	4.19	4.59	4.28	4.36	4.86	ppb
Strontium	88-1	4.50	4.38	4.28	4.39	2.58	ppb
Sulfur	34-1	506.66	-544.56	-393.49	-143.80		ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	0.01	-0.02	0.02	0.01	360.73	ppb
Thallium	205-1	0.05	0.03	0.05	0.05	32.80	ppb
Tin	118-1	0.06	0.01	0.03	0.03	71.88	ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	O1509-02LDLX25	Instrumnet Name :	P8
Client Sample ID :	OW-04B-18-28-020823LI	Dilution Factor :	25
Date & Time Acquired :	2023-02-24 15:47:48	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.81	0.56	0.27	0.55	49.33	ppb
Uranium	238-1	-0.02	-0.02	-0.02	-0.02		ppb
Vanadium	51-2	0.78	0.28	0.26	0.44	67.83	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				97		%
Zinc	66-2	8.41	4.67	5.07	6.05	33.99	ppb
Zirconium	90-1	0.01	0.01	0.04	0.02	85.44	ppb
Zirconium	91-1	0.12	0.00	0.03	0.05	125.25	ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	O1509-02MSDLX5	Instrumnet Name :	P8
Client Sample ID :	OW-04B-18-28-020823M	Dilution Factor :	5
Date & Time Acquired :	2023-02-24 15:51:04	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2176.53	2158.85	2126.67	2154.02	1.17	ppb
Antimony	121-1	92.03	87.68	87.67	89.13	2.82	ppb
Arsenic	75-2	96.66	98.76	94.48	96.63	2.22	ppb
Barium	135-1	494.67	480.31	467.17	480.71	2.86	ppb
Barium	137-1	492.96	481.73	490.37	488.35	1.20	ppb
Beryllium	9-1	93.00	94.64	92.08	93.24	1.39	ppb
Bismuth	209-1				99		%
Bismuth	209-2				96		%
Boron	10-1	57.66	62.40	61.22	60.43	4.09	ppb
Boron	11-1	61.78	67.66	64.76	64.74	4.54	ppb
Bromine	81-1						cps
Cadmium	111-1	97.25	94.36	93.83	95.15	1.93	ppb
Cadmium	106-1	97.32	89.90	95.91	94.38	4.18	ppb
Cadmium	108-1	94.10	89.94	92.56	92.20	2.28	ppb
Calcium	43-1	12375.82	12446.64	12070.16	12297.54	1.63	ppb
Calcium	44-1	12041.20	12615.93	12429.45	12362.19	2.37	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	88.22	87.26	87.57	87.68	0.56	ppb
Cobalt	59-2	111.91	110.52	113.06	111.83	1.14	ppb
Copper	63-2	909.98	894.16	892.06	898.73	1.09	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				99		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	54-2	5409.42	5198.10	5177.11	5261.54	2.44	ppb
Iron	56-2	5417.13	5322.98	5410.65	5383.59	0.98	ppb
Iron	57-2	5136.26	4832.49	5312.45	5093.73	4.77	ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	O1509-02MSDLX5	Instrumnet Name :	P8
Client Sample ID :	OW-04B-18-28-020823M	Dilution Factor :	5
Date & Time Acquired :	2023-02-24 15:51:04	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	413.50	398.53	409.77	407.27	1.91	ppb
Lead	207-1	398.97	390.48	397.94	395.79	1.17	ppb
Lead	208-1	406.87	400.03	403.52	403.47	0.85	ppb
Lithium	6-1				100		%
Magnesium	24-2	11632.36	11051.84	11200.30	11294.83	2.67	ppb
Manganese	55-2	1960.39	1916.63	1920.17	1932.39	1.26	ppb
Molybdenum	94-1	447.07	458.32	453.42	452.94	1.25	ppb
Molybdenum	95-1	349.45	361.65	356.66	355.92	1.72	ppb
Molybdenum	96-1	358.95	366.67	363.74	363.12	1.07	ppb
Molybdenum	97-1	352.24	365.98	353.05	357.09	2.16	ppb
Molybdenum	98-1	346.38	353.99	353.56	351.31	1.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	93.82	90.99	91.22	92.01	1.71	ppb
Phosphorus	31-2	-10.90	-20.47	-10.44	-13.94		ppb
Potassium	39-2	4664.77	4539.81	4535.12	4579.90	1.61	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	82-1	91.50	95.36	92.13	93.00	2.22	ppb
Selenium	77-2	77.00	97.23	86.25	86.83	11.66	ppb
Selenium	78-2	98.59	92.98	93.35	94.97	3.30	ppb
Silicon	28-1	160.74	160.47	149.57	156.93	4.06	ppb
Silver	107-1	0.33	0.27	0.32	0.31	11.60	ppb
Silver	109-1	0.14	0.16	0.18	0.16	12.90	ppb
Sodium	23-2	23481.44	22872.19	23156.74	23170.13	1.32	ppb
Strontium	86-1	106.81	110.62	109.68	109.03	1.82	ppb
Strontium	88-1	109.00	111.54	110.12	110.22	1.15	ppb
Sulfur	34-1	741.56	684.42	421.58	615.85	27.71	ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	85.02	82.74	85.36	84.38	1.69	ppb
Thallium	205-1	85.52	84.35	85.26	85.04	0.72	ppb
Tin	118-1	87.87	86.05	83.84	85.92	2.34	ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	O1509-02MSDLX5	Instrumnet Name :	P8
Client Sample ID :	OW-04B-18-28-020823M	Dilution Factor :	5
Date & Time Acquired :	2023-02-24 15:51:04	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	363.66	359.38	351.52	358.19	1.72	ppb
Uranium	238-1	83.11	83.02	83.99	83.37	0.64	ppb
Vanadium	51-2	93.11	91.17	90.40	91.56	1.52	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				97		%
Zinc	66-2	986.34	954.44	962.90	967.90	1.71	ppb
Zirconium	90-1	87.40	87.22	85.49	86.70	1.22	ppb
Zirconium	91-1	86.29	88.87	87.08	87.41	1.51	ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	O1509-02MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	OW-04B-18-28-020823M	Dilution Factor :	5
Date & Time Acquired :	2023-02-24 15:54:13	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2208.96	2135.28	2113.43	2152.55	2.33	ppb
Antimony	121-1	92.11	90.24	89.84	90.73	1.34	ppb
Arsenic	75-2	95.96	95.93	94.38	95.43	0.95	ppb
Barium	135-1	474.01	482.05	470.41	475.49	1.25	ppb
Barium	137-1	492.61	493.34	489.53	491.82	0.41	ppb
Beryllium	9-1	92.41	94.93	92.85	93.40	1.44	ppb
Bismuth	209-1				99		%
Bismuth	209-2				97		%
Boron	10-1	60.74	65.13	65.43	63.76	4.12	ppb
Boron	11-1	64.42	69.26	69.50	67.73	4.23	ppb
Bromine	81-1						cps
Cadmium	111-1	100.08	99.23	97.69	99.00	1.23	ppb
Cadmium	106-1	95.52	96.14	101.50	97.72	3.37	ppb
Cadmium	108-1	91.25	95.05	96.39	94.23	2.83	ppb
Calcium	43-1	12421.35	12288.75	11974.66	12228.25	1.88	ppb
Calcium	44-1	12508.76	12370.56	11847.03	12242.12	2.85	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	92.80	90.37	86.00	89.72	3.84	ppb
Cobalt	59-2	116.94	111.12	108.74	112.27	3.76	ppb
Copper	63-2	931.24	899.32	881.87	904.14	2.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				98		%
Indium	115-1				101		%
Indium	115-2				97		%
Iron	54-2	5377.81	5167.98	5211.65	5252.48	2.11	ppb
Iron	56-2	5512.85	5320.73	5079.20	5304.26	4.10	ppb
Iron	57-2	5334.97	5085.19	5041.64	5153.93	3.07	ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	O1509-02MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	OW-04B-18-28-020823M	Dilution Factor :	5
Date & Time Acquired :	2023-02-24 15:54:13	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	412.87	386.50	420.72	406.70	4.41	ppb
Lead	207-1	411.02	394.93	400.67	402.20	2.03	ppb
Lead	208-1	412.39	399.11	409.84	407.11	1.73	ppb
Lithium	6-1				100		%
Magnesium	24-2	11518.67	11359.72	10885.33	11254.57	2.93	ppb
Manganese	55-2	1970.07	1939.24	1856.37	1921.89	3.06	ppb
Molybdenum	94-1	448.12	473.14	476.96	466.07	3.36	ppb
Molybdenum	95-1	363.12	368.10	372.13	367.78	1.23	ppb
Molybdenum	96-1	369.89	379.80	372.77	374.15	1.36	ppb
Molybdenum	97-1	355.34	370.14	370.44	365.31	2.36	ppb
Molybdenum	98-1	353.88	366.47	366.46	362.27	2.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	95.59	91.92	91.81	93.11	2.31	ppb
Phosphorus	31-2	-1.69	-15.55	-2.47	-6.57		ppb
Potassium	39-2	4643.33	4601.52	4484.33	4576.39	1.80	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	82-1	91.76	93.72	95.00	93.49	1.74	ppb
Selenium	77-2	103.81	111.19	62.67	92.56	28.25	ppb
Selenium	78-2	88.59	103.06	99.37	97.01	7.75	ppb
Silicon	28-1	161.61	176.69	143.80	160.70	10.24	ppb
Silver	107-1	0.34	0.34	0.30	0.33	7.17	ppb
Silver	109-1	0.16	0.17	0.15	0.16	4.78	ppb
Sodium	23-2	24036.62	23777.36	22599.25	23471.08	3.26	ppb
Strontium	86-1	107.91	111.01	112.79	110.57	2.23	ppb
Strontium	88-1	109.15	113.09	111.16	111.13	1.77	ppb
Sulfur	34-1	611.80	939.88	427.55	659.74	39.33	ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	87.55	81.75	87.35	85.55	3.85	ppb
Thallium	205-1	88.86	84.17	89.01	87.35	3.15	ppb
Tin	118-1	85.59	87.47	86.77	86.61	1.10	ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	O1509-02MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	OW-04B-18-28-020823M	Dilution Factor :	5
Date & Time Acquired :	2023-02-24 15:54:13	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	363.30	360.00	343.11	355.47	3.05	ppb
Uranium	238-1	85.60	81.98	86.85	84.81	2.98	ppb
Vanadium	51-2	95.86	90.95	88.43	91.75	4.12	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				98		%
Zinc	66-2	996.98	967.47	968.17	977.54	1.72	ppb
Zirconium	90-1	86.92	89.38	88.78	88.36	1.45	ppb
Zirconium	91-1	87.66	89.56	87.73	88.31	1.22	ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	O1509-02ADLX5	Instrumnet Name :	P8
Client Sample ID :	OW-04B-18-28-020823A	Dilution Factor :	5
Date & Time Acquired :	2023-02-24 15:57:25	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2133.80	2132.83	2069.85	2112.16	1.73	ppb
Antimony	121-1	90.89	88.99	90.33	90.07	1.08	ppb
Arsenic	75-2	95.91	94.46	93.48	94.62	1.29	ppb
Barium	135-1	483.13	474.78	470.62	476.17	1.34	ppb
Barium	137-1	494.19	490.45	487.84	490.82	0.65	ppb
Beryllium	9-1	94.64	91.78	93.26	93.23	1.54	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Boron	10-1	63.53	63.00	65.40	63.98	1.97	ppb
Boron	11-1	66.96	66.84	70.33	68.04	2.91	ppb
Bromine	81-1						cps
Cadmium	111-1	94.61	97.05	97.66	96.44	1.67	ppb
Cadmium	106-1	97.59	91.51	97.00	95.37	3.52	ppb
Cadmium	108-1	100.00	93.18	96.59	96.59	3.53	ppb
Calcium	43-1	12239.31	11946.73	12245.37	12143.80	1.41	ppb
Calcium	44-1	12477.15	12007.24	12433.17	12305.85	2.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	87.22	87.53	85.04	86.59	1.57	ppb
Cobalt	59-2	111.01	110.68	107.80	109.83	1.61	ppb
Copper	63-2	894.68	893.03	871.92	886.54	1.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				98		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	54-2	5227.16	5149.83	5076.56	5151.18	1.46	ppb
Iron	56-2	5349.98	5380.44	5073.94	5268.12	3.21	ppb
Iron	57-2	5154.09	5051.82	4854.68	5020.20	3.03	ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	O1509-02ADLX5	Instrumnet Name :	P8
Client Sample ID :	OW-04B-18-28-020823A	Dilution Factor :	5
Date & Time Acquired :	2023-02-24 15:57:25	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	402.30	389.15	402.66	398.03	1.93	ppb
Lead	207-1	408.39	393.71	405.48	402.53	1.93	ppb
Lead	208-1	408.67	400.86	405.90	405.14	0.98	ppb
Lithium	6-1				100		%
Magnesium	24-2	11394.29	11157.11	10853.75	11135.05	2.43	ppb
Manganese	55-2	1935.52	1965.91	1859.80	1920.41	2.85	ppb
Molybdenum	94-1	458.19	468.17	439.49	455.28	3.20	ppb
Molybdenum	95-1	353.54	368.84	348.79	357.05	2.93	ppb
Molybdenum	96-1	370.66	374.95	352.37	365.99	3.28	ppb
Molybdenum	97-1	356.48	354.86	351.36	354.23	0.74	ppb
Molybdenum	98-1	349.81	359.27	341.37	350.15	2.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	93.66	91.12	89.35	91.38	2.37	ppb
Phosphorus	31-2	-6.74	-20.05	1.90	-8.30		ppb
Potassium	39-2	4519.43	4487.03	4407.87	4471.44	1.28	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				102		%
Scandium	45-2				98		%
Selenium	82-1	91.43	98.41	90.52	93.45	4.62	ppb
Selenium	77-2	99.15	103.37	79.18	93.90	13.76	ppb
Selenium	78-2	96.02	87.10	97.18	93.44	5.91	ppb
Silicon	28-1	155.39	159.55	158.93	157.95	1.42	ppb
Silver	107-1	94.00	89.27	88.59	90.62	3.25	ppb
Silver	109-1	88.18	87.27	91.94	89.13	2.78	ppb
Sodium	23-2	23833.20	23325.61	22213.47	23124.09	3.58	ppb
Strontium	86-1	109.25	110.67	107.43	109.12	1.49	ppb
Strontium	88-1	107.87	109.63	105.85	107.78	1.76	ppb
Sulfur	34-1	606.48	369.07	526.36	500.63	24.12	ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	84.18	83.68	82.39	83.41	1.10	ppb
Thallium	205-1	85.06	84.09	86.16	85.10	1.22	ppb
Tin	118-1	85.63	85.11	87.26	86.00	1.31	ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	O1509-02ADLX5	Instrumnet Name :	P8
Client Sample ID :	OW-04B-18-28-020823A	Dilution Factor :	5
Date & Time Acquired :	2023-02-24 15:57:25	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	368.78	352.75	359.69	360.41	2.23	ppb
Uranium	238-1	85.78	85.54	85.57	85.63	0.15	ppb
Vanadium	51-2	92.63	92.14	90.52	91.77	1.21	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				98		%
Zinc	66-2	964.86	944.38	944.00	951.08	1.26	ppb
Zirconium	90-1	87.30	85.94	86.39	86.54	0.80	ppb
Zirconium	91-1	86.76	86.72	85.91	86.46	0.55	ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	CCV37	Instrumnet Name :	P8
Client Sample ID :	CCV37	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 16:00:34	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51014.65	51861.14	49835.28	50903.69	2.00	ppb
Antimony	121-1	455.68	460.37	455.60	457.22	0.60	ppb
Arsenic	75-2	470.30	461.55	453.91	461.92	1.78	ppb
Barium	135-1	2359.17	2414.30	2341.65	2371.71	1.60	ppb
Barium	137-1	2452.23	2444.30	2415.05	2437.19	0.80	ppb
Beryllium	9-1	474.16	474.06	481.89	476.70	0.94	ppb
Bismuth	209-1				95		%
Bismuth	209-2				93		%
Boron	10-1	1011.25	1026.49	1076.63	1038.12	3.30	ppb
Boron	11-1	1006.36	1014.70	1059.88	1026.98	2.80	ppb
Bromine	81-1						cps
Cadmium	111-1	447.47	456.23	451.07	451.59	0.97	ppb
Cadmium	106-1	463.40	475.37	436.79	458.52	4.31	ppb
Cadmium	108-1	458.78	480.83	474.91	471.51	2.42	ppb
Calcium	43-1	251556.52	249105.77	252509.52	251057.27	0.70	ppb
Calcium	44-1	246197.70	246147.33	247701.71	246682.25	0.36	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	470.00	473.12	468.98	470.70	0.46	ppb
Cobalt	59-2	478.34	471.79	470.38	473.50	0.90	ppb
Copper	63-2	4818.68	4800.17	4816.37	4811.74	0.21	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				101		%
Holmium	165-2				98		%
Indium	115-1				96		%
Indium	115-2				94		%
Iron	54-2	126248.08	126643.74	122954.84	125282.22	1.62	ppb
Iron	56-2	122932.04	124618.21	121044.89	122865.05	1.45	ppb
Iron	57-2	123931.02	125619.92	122812.21	124121.05	1.14	ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	CCV37	Instrumnet Name :	P8
Client Sample ID :	CCV37	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 16:00:34	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2392.67	2490.06	2365.30	2416.01	2.71	ppb
Lead	207-1	2390.48	2519.94	2428.84	2446.42	2.72	ppb
Lead	208-1	2399.56	2488.08	2392.41	2426.68	2.20	ppb
Lithium	6-1				94		%
Magnesium	24-2	254945.18	252417.81	245832.61	251065.20	1.87	ppb
Manganese	55-2	4805.51	4732.05	4679.21	4738.92	1.34	ppb
Molybdenum	94-1	4829.72	4673.14	4773.63	4758.83	1.67	ppb
Molybdenum	95-1	4807.15	4760.53	4743.59	4770.42	0.69	ppb
Molybdenum	96-1	4764.80	4674.54	4690.21	4709.85	1.02	ppb
Molybdenum	97-1	4597.06	4687.48	4673.34	4652.63	1.05	ppb
Molybdenum	98-1	4655.82	4793.50	4701.53	4716.95	1.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	466.86	469.64	455.09	463.86	1.66	ppb
Phosphorus	31-2	9625.69	9688.99	9232.12	9515.60	2.60	ppb
Potassium	39-2	122655.68	119288.08	121358.21	121100.65	1.40	ppb
Rhodium	103-1				95		%
Rhodium	103-2				93		%
Scandium	45-1				100		%
Scandium	45-2				96		%
Selenium	82-1	461.16	459.24	455.90	458.77	0.58	ppb
Selenium	77-2	447.61	438.06	435.90	440.52	1.41	ppb
Selenium	78-2	470.84	464.49	464.12	466.48	0.81	ppb
Silicon	28-1	1630.46	1624.21	1662.95	1639.21	1.27	ppb
Silver	107-1	456.70	467.69	451.54	458.64	1.80	ppb
Silver	109-1	451.72	468.21	458.30	459.41	1.81	ppb
Sodium	23-2	252624.16	251004.54	245798.81	249809.17	1.43	ppb
Strontium	86-1	11981.33	11541.53	11986.23	11836.36	2.16	ppb
Strontium	88-1	12083.07	11417.14	11920.98	11807.07	2.94	ppb
Sulfur	34-1	9297.27	8840.19	8945.89	9027.78	2.65	ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	471.14	489.99	474.76	478.63	2.09	ppb
Thallium	205-1	476.26	495.68	492.63	488.19	2.14	ppb
Tin	118-1	462.08	466.20	465.30	464.53	0.47	ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	CCV37	Instrumnet Name :	P8
Client Sample ID :	CCV37	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 16:00:34	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4746.64	4698.31	4676.86	4707.27	0.76	ppb
Uranium	238-1	484.08	503.22	493.19	493.50	1.94	ppb
Vanadium	51-2	472.38	473.56	473.71	473.22	0.15	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	4661.04	4672.91	4622.36	4652.10	0.57	ppb
Zirconium	90-1	489.91	487.82	482.15	486.63	0.83	ppb
Zirconium	91-1	493.30	480.25	485.78	486.44	1.35	ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	CCB37	Instrumnet Name :	P8
Client Sample ID :	CCB37	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 16:06:54	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.32	1.73	0.77	1.27	37.64	ppb
Antimony	121-1	0.04	0.12	0.18	0.11	63.88	ppb
Arsenic	75-2	-0.05	-0.01	-0.05	-0.04		ppb
Barium	135-1	-0.02	0.04	0.01	0.01	441.83	ppb
Barium	137-1	0.02	0.00	0.04	0.02	98.59	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	31.52	ppb
Bismuth	209-1				99		%
Bismuth	209-2				97		%
Boron	10-1	16.72	16.82	15.71	16.41	3.75	ppb
Boron	11-1	17.92	17.37	16.55	17.28	4.00	ppb
Bromine	81-1						cps
Cadmium	111-1	0.00	-0.07	-0.18	-0.08		ppb
Cadmium	106-1	0.08	-0.97	-2.08	-0.99		ppb
Cadmium	108-1	0.09	0.17	0.00	0.09	93.18	ppb
Calcium	43-1	5.81	8.24	6.93	6.99	17.36	ppb
Calcium	44-1	6.45	6.48	7.86	6.93	11.59	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.06	0.02	0.01	0.03	85.59	ppb
Cobalt	59-2	-0.05	-0.03	-0.04	-0.04		ppb
Copper	63-2	0.10	0.16	0.06	0.11	47.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				98		%
Indium	115-1				99		%
Indium	115-2				96		%
Iron	54-2	4.15	3.23	4.07	3.81	13.40	ppb
Iron	56-2	2.20	2.35	2.12	2.22	5.26	ppb
Iron	57-2	-2.41	2.22	2.38	0.73	373.37	ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	CCB37	Instrumnet Name :	P8
Client Sample ID :	CCB37	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 16:06:54	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.04	0.08	0.04	0.05	46.23	ppb
Lead	207-1	0.03	0.04	0.05	0.04	24.04	ppb
Lead	208-1	0.03	0.05	0.04	0.04	34.36	ppb
Lithium	6-1				99		%
Magnesium	24-2	1.56	-1.46	-1.47	-0.46		ppb
Manganese	55-2	0.04	0.01	0.07	0.04	80.42	ppb
Molybdenum	94-1	0.20	0.19	0.10	0.16	34.07	ppb
Molybdenum	95-1	0.23	0.10	0.14	0.16	41.50	ppb
Molybdenum	96-1	0.23	0.20	0.20	0.21	9.86	ppb
Molybdenum	97-1	0.36	0.17	0.22	0.25	40.07	ppb
Molybdenum	98-1	0.16	0.16	0.16	0.16	1.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.03	-0.01	-0.03		ppb
Phosphorus	31-2	-10.49	-28.42	-18.95	-19.29		ppb
Potassium	39-2	48.04	23.22	56.23	42.50	40.44	ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				99		%
Scandium	45-2				96		%
Selenium	82-1	-0.88	0.26	-0.43	-0.35		ppb
Selenium	77-2	-0.57	-0.57	-0.57	-0.57		ppb
Selenium	78-2	1.25	2.07	1.25	1.52	30.97	ppb
Silicon	28-1	-1.57	0.11	1.71	0.08	1954.50	ppb
Silver	107-1	0.05	0.02	0.04	0.04	34.63	ppb
Silver	109-1	0.04	0.02	0.03	0.03	44.46	ppb
Sodium	23-2	36.24	30.83	35.08	34.05	8.35	ppb
Strontium	86-1	0.11	0.30	0.22	0.21	46.52	ppb
Strontium	88-1	0.28	0.24	0.21	0.24	14.01	ppb
Sulfur	34-1	-907.86	-943.16	-510.47	-787.16		ppb
Terbium	159-1				98		%
Terbium	159-2				97		%
Thallium	203-1	-0.02	0.03	-0.01	0.00	3046.75	ppb
Thallium	205-1	0.03	0.00	0.02	0.02	97.79	ppb
Tin	118-1	0.07	0.03	0.08	0.06	42.77	ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	CCB37	Instrumnet Name :	P8
Client Sample ID :	CCB37	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 16:06:54	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.06	0.12	-0.13	0.01	868.81	ppb
Uranium	238-1	-0.02	-0.02	-0.02	-0.02		ppb
Vanadium	51-2	0.00	-0.02	0.00	-0.01		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				96		%
Zinc	66-2	0.03	0.15	-0.04	0.05	192.81	ppb
Zirconium	90-1	0.03	0.00	0.02	0.01	100.32	ppb
Zirconium	91-1	0.02	0.00	0.05	0.02	126.87	ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	O1603-01	Instrumnet Name :	P8
Client Sample ID :	YBL49	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 16:15:21	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.14	21.93	19.16	20.75	6.88	ppb
Antimony	121-1	0.20	0.29	0.29	0.26	19.44	ppb
Arsenic	75-2	0.20	0.19	0.22	0.21	6.93	ppb
Barium	135-1	59.02	56.71	54.46	56.73	4.03	ppb
Barium	137-1	58.16	57.78	56.00	57.31	2.02	ppb
Beryllium	9-1	-0.02	-0.02	-0.02	-0.02		ppb
Bismuth	209-1				92		%
Bismuth	209-2				94		%
Boron	10-1	203.15	211.38	211.48	208.67	2.29	ppb
Boron	11-1	217.60	221.44	222.15	220.40	1.11	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.16	0.01	-0.07	-0.07		ppb
Cadmium	106-1	-1.67	0.32	-0.54	-0.63		ppb
Cadmium	108-1	0.10	0.19	0.37	0.22	60.41	ppb
Calcium	43-1	70580.08	72306.46	73265.51	72050.68	1.89	ppb
Calcium	44-1	70795.42	73515.88	71754.06	72021.78	1.92	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.74	0.71	0.77	0.74	3.91	ppb
Cobalt	59-2	0.23	0.22	0.17	0.21	14.94	ppb
Copper	63-2	0.67	0.72	0.58	0.66	10.95	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				97		%
Indium	115-1				95		%
Indium	115-2				95		%
Iron	54-2	44.87	42.25	47.37	44.83	5.71	ppb
Iron	56-2	41.66	39.88	38.88	40.14	3.50	ppb
Iron	57-2	136.17	138.53	120.53	131.74	7.43	ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	O1603-01	Instrumnet Name :	P8
Client Sample ID :	YBL49	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 16:15:21	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.11	0.12	0.14	0.12	12.56	ppb
Lead	207-1	0.05	0.07	0.04	0.05	23.83	ppb
Lead	208-1	0.06	0.08	0.06	0.07	15.03	ppb
Lithium	6-1				95		%
Magnesium	24-2	49105.66	49478.88	49869.45	49484.66	0.77	ppb
Manganese	55-2	45.33	43.94	42.06	43.77	3.75	ppb
Molybdenum	94-1	0.48	0.53	0.56	0.52	7.98	ppb
Molybdenum	95-1	0.58	0.59	0.66	0.61	7.10	ppb
Molybdenum	96-1	0.55	0.62	0.56	0.58	6.04	ppb
Molybdenum	97-1	0.49	0.61	0.51	0.53	12.03	ppb
Molybdenum	98-1	0.51	0.59	0.57	0.56	7.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.44	7.66	7.80	7.97	5.21	ppb
Phosphorus	31-2	19.27	13.50	13.26	15.34	22.19	ppb
Potassium	39-2	3034.15	3036.70	3076.60	3049.15	0.78	ppb
Rhodium	103-1				93		%
Rhodium	103-2				95		%
Scandium	45-1				97		%
Scandium	45-2				95		%
Selenium	82-1	1.60	0.10	0.84	0.85	88.22	ppb
Selenium	77-2	-0.57	2.87	-0.57	0.58	343.16	ppb
Selenium	78-2	1.50	-1.49	1.50	0.50	341.61	ppb
Silicon	28-1	684.07	686.72	696.31	689.04	0.93	ppb
Silver	107-1	0.00	0.00	0.00	0.00	90.09	ppb
Silver	109-1	0.00	0.01	0.01	0.01	54.88	ppb
Sodium	23-2	14173.52	14336.36	14569.19	14359.69	1.38	ppb
Strontium	86-1	903.52	914.05	908.77	908.78	0.58	ppb
Strontium	88-1	913.60	886.86	915.00	905.15	1.75	ppb
Sulfur	34-1	29453.89	31239.60	31078.18	30590.56	3.23	ppb
Terbium	159-1				93		%
Terbium	159-2				97		%
Thallium	203-1	0.04	0.03	0.02	0.03	40.13	ppb
Thallium	205-1	0.06	0.08	0.05	0.06	22.88	ppb
Tin	118-1	0.08	0.10	0.11	0.09	17.64	ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	O1603-01	Instrumnet Name :	P8
Client Sample ID :	YBL49	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 16:15:21	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.62	0.68	0.62	0.64	5.64	ppb
Uranium	238-1	0.37	0.35	0.37	0.36	3.49	ppb
Vanadium	51-2	0.31	0.49	0.47	0.42	22.56	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				96		%
Yttrium	89-2				97		%
Zinc	66-2	18.15	17.96	18.10	18.07	0.54	ppb
Zirconium	90-1	0.00	0.02	0.04	0.02	103.21	ppb
Zirconium	91-1	0.01	0.03	0.07	0.04	86.06	ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	O1603-02	Instrumnet Name :	P8
Client Sample ID :	YBL49D	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 16:18:31	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.97	20.50	21.02	20.83	1.39	ppb
Antimony	121-1	0.34	0.28	0.30	0.31	10.11	ppb
Arsenic	75-2	0.16	0.26	0.37	0.26	38.95	ppb
Barium	135-1	56.14	54.18	50.94	53.75	4.88	ppb
Barium	137-1	57.13	56.82	56.08	56.68	0.95	ppb
Beryllium	9-1	-0.01	-0.02	-0.04	-0.02		ppb
Bismuth	209-1				95		%
Bismuth	209-2				94		%
Boron	10-1	205.94	218.11	212.57	212.21	2.87	ppb
Boron	11-1	220.06	235.23	228.43	227.91	3.33	ppb
Bromine	81-1						cps
Cadmium	111-1	0.01	0.04	0.08	0.05	77.69	ppb
Cadmium	106-1	0.72	1.47	1.46	1.22	35.10	ppb
Cadmium	108-1	0.72	0.97	0.35	0.68	45.52	ppb
Calcium	43-1	72614.59	73330.85	70506.31	72150.58	2.04	ppb
Calcium	44-1	74454.31	74029.28	70479.72	72987.77	2.99	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.61	0.65	0.79	0.68	13.90	ppb
Cobalt	59-2	0.19	0.17	0.21	0.19	10.11	ppb
Copper	63-2	0.65	0.59	0.63	0.62	5.07	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				94		%
Holmium	165-2				96		%
Indium	115-1				95		%
Indium	115-2				94		%
Iron	54-2	45.29	34.44	38.39	39.37	13.94	ppb
Iron	56-2	39.78	38.17	39.08	39.01	2.08	ppb
Iron	57-2	136.75	125.73	135.48	132.66	4.55	ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	O1603-02	Instrumnet Name :	P8
Client Sample ID :	YBL49D	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 16:18:31	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.13	0.08	0.04	0.08	48.76	ppb
Lead	207-1	0.09	0.08	0.05	0.07	23.92	ppb
Lead	208-1	0.09	0.05	0.06	0.07	28.96	ppb
Lithium	6-1				96		%
Magnesium	24-2	48284.81	47354.08	48047.28	47895.39	1.01	ppb
Manganese	55-2	44.26	42.55	43.07	43.29	2.02	ppb
Molybdenum	94-1	0.49	0.57	0.51	0.52	8.04	ppb
Molybdenum	95-1	0.54	0.48	0.57	0.53	7.94	ppb
Molybdenum	96-1	0.58	0.56	0.57	0.57	1.50	ppb
Molybdenum	97-1	0.52	0.58	0.46	0.52	11.75	ppb
Molybdenum	98-1	0.66	0.54	0.52	0.58	13.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.20	8.54	8.01	8.25	3.28	ppb
Phosphorus	31-2	18.38	-10.35	4.75	4.26	337.27	ppb
Potassium	39-2	2953.97	2948.85	2995.20	2966.01	0.86	ppb
Rhodium	103-1				96		%
Rhodium	103-2				94		%
Scandium	45-1				97		%
Scandium	45-2				95		%
Selenium	82-1	0.55	0.13	0.40	0.36	58.75	ppb
Selenium	77-2	1.20	-0.57	-0.57	0.02	4917.20	ppb
Selenium	78-2	1.31	-0.79	2.95	1.15	162.22	ppb
Silicon	28-1	698.01	706.38	673.09	692.49	2.50	ppb
Silver	107-1	0.00	0.00	0.01	0.00	128.41	ppb
Silver	109-1	0.01	0.00	0.00	0.00	147.53	ppb
Sodium	23-2	13579.72	14013.56	14371.11	13988.13	2.83	ppb
Strontium	86-1	907.29	924.14	920.36	917.26	0.96	ppb
Strontium	88-1	914.97	883.97	909.28	902.74	1.83	ppb
Sulfur	34-1	32002.38	32446.71	30306.67	31585.25	3.58	ppb
Terbium	159-1				96		%
Terbium	159-2				97		%
Thallium	203-1	0.06	0.01	0.02	0.03	101.74	ppb
Thallium	205-1	0.05	0.04	0.03	0.04	29.52	ppb
Tin	118-1	0.05	0.12	0.09	0.08	43.95	ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	O1603-02	Instrumnet Name :	P8
Client Sample ID :	YBL49D	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 16:18:31	DataFile Name :	035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.79	0.84	1.03	0.89	14.28	ppb
Uranium	238-1	0.38	0.39	0.34	0.37	6.85	ppb
Vanadium	51-2	0.39	0.38	0.38	0.38	2.05	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				95		%
Yttrium	89-2				96		%
Zinc	66-2	17.02	17.19	17.63	17.28	1.82	ppb
Zirconium	90-1	0.02	0.03	0.03	0.03	18.01	ppb
Zirconium	91-1	0.03	0.00	0.05	0.03	104.73	ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	O1603-01LX5	Instrumnet Name :	P8
Client Sample ID :	YBL49L	Dilution Factor :	5
Date & Time Acquired :	2023-02-24 16:21:43	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.17	4.09	4.88	4.38	9.94	ppb
Antimony	121-1	0.06	0.06	0.02	0.05	53.20	ppb
Arsenic	75-2	0.00	-0.03	0.00	-0.01		ppb
Barium	135-1	11.97	10.90	9.84	10.91	9.78	ppb
Barium	137-1	11.38	11.03	10.49	10.97	4.09	ppb
Beryllium	9-1	-0.02	-0.02	-0.02	-0.02		ppb
Bismuth	209-1				97		%
Bismuth	209-2				95		%
Boron	10-1	56.93	59.20	59.89	58.67	2.63	ppb
Boron	11-1	61.73	64.09	64.10	63.31	2.16	ppb
Bromine	81-1						cps
Cadmium	111-1	0.04	-0.03	0.17	0.06	179.70	ppb
Cadmium	106-1	0.98	0.68	3.02	1.56	81.51	ppb
Cadmium	108-1	0.01	0.85	0.83	0.56	85.13	ppb
Calcium	43-1	14036.62	13796.15	13763.26	13865.34	1.08	ppb
Calcium	44-1	14033.89	13916.91	13850.54	13933.78	0.67	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.20	0.18	0.29	0.22	26.04	ppb
Cobalt	59-2	0.02	-0.02	0.00	0.00		ppb
Copper	63-2	0.12	0.17	0.10	0.13	29.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				96		%
Indium	115-1				99		%
Indium	115-2				96		%
Iron	54-2	10.98	9.60	8.92	9.84	10.68	ppb
Iron	56-2	8.51	8.17	8.16	8.28	2.38	ppb
Iron	57-2	18.24	24.21	19.04	20.50	15.81	ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	O1603-01LX5	Instrumnet Name :	P8
Client Sample ID :	YBL49L	Dilution Factor :	5
Date & Time Acquired :	2023-02-24 16:21:43	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.03	0.03	0.02	0.03	33.23	ppb
Lead	207-1	0.01	0.02	0.02	0.02	21.60	ppb
Lead	208-1	0.03	0.01	0.02	0.02	48.98	ppb
Lithium	6-1				99		%
Magnesium	24-2	9346.24	9358.90	9120.76	9275.30	1.44	ppb
Manganese	55-2	8.12	8.36	7.80	8.10	3.50	ppb
Molybdenum	94-1	0.06	0.17	0.11	0.11	50.26	ppb
Molybdenum	95-1	0.13	0.12	0.04	0.10	54.35	ppb
Molybdenum	96-1	0.11	0.11	0.15	0.12	19.01	ppb
Molybdenum	97-1	0.15	0.12	0.15	0.14	12.06	ppb
Molybdenum	98-1	0.05	0.13	0.10	0.09	43.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.67	1.59	1.51	1.59	4.84	ppb
Phosphorus	31-2	-10.42	17.51	-14.90	-2.60		ppb
Potassium	39-2	643.05	620.11	635.51	632.89	1.85	ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				100		%
Scandium	45-2				96		%
Selenium	82-1	-0.22	-0.73	-0.10	-0.35		ppb
Selenium	77-2	-0.57	-0.57	-0.57	-0.57		ppb
Selenium	78-2	2.63	-0.54	-0.95	0.38	519.03	ppb
Silicon	28-1	132.45	131.35	134.48	132.76	1.19	ppb
Silver	107-1	0.00	-0.01	0.00	0.00		ppb
Silver	109-1	0.01	0.00	0.00	0.00	160.02	ppb
Sodium	23-2	2759.69	2688.87	2646.31	2698.29	2.12	ppb
Strontium	86-1	174.19	179.07	165.62	172.96	3.94	ppb
Strontium	88-1	174.29	172.81	171.67	172.92	0.76	ppb
Sulfur	34-1	9843.06	9483.77	9539.00	9621.94	2.01	ppb
Terbium	159-1				98		%
Terbium	159-2				97		%
Thallium	203-1	-0.01	-0.06	-0.02	-0.03		ppb
Thallium	205-1	0.00	-0.02	0.00	-0.01		ppb
Tin	118-1	0.03	0.08	0.05	0.05	48.69	ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	O1603-01LX5	Instrumnet Name :	P8
Client Sample ID :	YBL49L	Dilution Factor :	5
Date & Time Acquired :	2023-02-24 16:21:43	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.21	0.15	0.29	0.22	32.83	ppb
Uranium	238-1	0.04	0.05	0.05	0.05	15.67	ppb
Vanadium	51-2	0.08	0.09	0.03	0.07	54.70	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				97		%
Zinc	66-2	3.34	3.65	3.45	3.48	4.53	ppb
Zirconium	90-1	-0.01	0.00	0.00	0.00		ppb
Zirconium	91-1	0.01	0.02	0.02	0.01	58.02	ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	O1603-03	Instrumnet Name :	P8
Client Sample ID :	YBL49S	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 16:30:21	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2037.63	1937.88	1957.43	1977.65	2.67	ppb
Antimony	121-1	101.82	95.27	93.05	96.71	4.72	ppb
Arsenic	75-2	41.49	42.46	38.92	40.96	4.46	ppb
Barium	135-1	1992.99	1875.62	1766.73	1878.44	6.02	ppb
Barium	137-1	2059.24	1954.90	1843.30	1952.48	5.53	ppb
Beryllium	9-1	49.49	47.94	45.78	47.73	3.91	ppb
Bismuth	209-1				94		%
Bismuth	209-2				93		%
Boron	10-1	195.64	201.10	195.63	197.46	1.60	ppb
Boron	11-1	204.91	214.65	212.69	210.75	2.44	ppb
Bromine	81-1						cps
Cadmium	111-1	50.60	48.32	45.10	48.01	5.76	ppb
Cadmium	106-1	41.24	38.57	39.41	39.74	3.44	ppb
Cadmium	108-1	42.51	41.81	40.55	41.62	2.38	ppb
Calcium	43-1	73131.04	73562.08	67663.34	71452.15	4.60	ppb
Calcium	44-1	71792.97	74883.29	65576.83	70751.03	6.70	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	198.56	193.70	191.90	194.72	1.77	ppb
Cobalt	59-2	486.03	486.91	480.44	484.46	0.72	ppb
Copper	63-2	237.61	235.72	231.40	234.91	1.35	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				96		%
Holmium	165-2				95		%
Indium	115-1				95		%
Indium	115-2				92		%
Iron	54-2	1198.55	1136.99	1171.66	1169.07	2.64	ppb
Iron	56-2	1028.66	1045.59	1024.02	1032.76	1.10	ppb
Iron	57-2	1106.96	1111.14	1109.98	1109.36	0.19	ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	O1603-03	Instrumnet Name :	P8
Client Sample ID :	YBL49S	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 16:30:21	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	18.87	17.42	17.12	17.80	5.28	ppb
Lead	207-1	17.79	17.86	17.26	17.64	1.87	ppb
Lead	208-1	18.43	17.93	16.96	17.77	4.20	ppb
Lithium	6-1				100		%
Magnesium	24-2	49735.12	46571.99	48074.88	48127.33	3.29	ppb
Manganese	55-2	500.07	500.39	502.20	500.88	0.23	ppb
Molybdenum	94-1	0.64	0.56	0.64	0.61	7.85	ppb
Molybdenum	95-1	0.50	0.65	0.45	0.53	19.99	ppb
Molybdenum	96-1	0.64	0.48	0.52	0.55	14.67	ppb
Molybdenum	97-1	0.65	0.45	0.39	0.50	27.34	ppb
Molybdenum	98-1	0.66	0.64	0.52	0.61	12.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	499.82	493.53	484.11	492.49	1.61	ppb
Phosphorus	31-2	32.67	8.47	-9.49	10.55	200.51	ppb
Potassium	39-2	3002.49	2933.87	2915.27	2950.54	1.56	ppb
Rhodium	103-1				94		%
Rhodium	103-2				94		%
Scandium	45-1				97		%
Scandium	45-2				95		%
Selenium	82-1	103.62	98.27	94.24	98.71	4.77	ppb
Selenium	77-2	128.22	108.30	88.31	108.28	18.43	ppb
Selenium	78-2	97.61	110.22	101.86	103.23	6.21	ppb
Silicon	28-1	704.21	709.74	641.03	684.99	5.57	ppb
Silver	107-1	48.82	46.73	44.62	46.72	4.50	ppb
Silver	109-1	48.58	46.98	43.39	46.32	5.73	ppb
Sodium	23-2	14448.23	13781.02	13905.01	14044.75	2.53	ppb
Strontium	86-1	948.31	903.13	861.96	904.47	4.77	ppb
Strontium	88-1	922.06	901.30	833.58	885.65	5.22	ppb
Sulfur	34-1	33784.60	34285.55	29589.55	32553.23	7.92	ppb
Terbium	159-1				98		%
Terbium	159-2				95		%
Thallium	203-1	48.08	47.87	45.24	47.07	3.36	ppb
Thallium	205-1	48.96	46.37	45.56	46.96	3.78	ppb
Tin	118-1	0.12	0.11	0.11	0.11	9.41	ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	O1603-03	Instrumnet Name :	P8
Client Sample ID :	YBL49S	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 16:30:21	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.90	0.74	0.70	0.78	13.85	ppb
Uranium	238-1	0.37	0.28	0.35	0.33	13.67	ppb
Vanadium	51-2	489.85	481.72	479.86	483.81	1.10	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				96		%
Yttrium	89-2				94		%
Zinc	66-2	511.99	501.47	498.55	504.01	1.40	ppb
Zirconium	90-1	0.01	0.02	0.03	0.02	41.53	ppb
Zirconium	91-1	0.17	0.02	0.04	0.08	110.68	ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	O1604-01	Instrumnet Name :	P8
Client Sample ID :	YBL50	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 16:33:32	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.34	3.39	4.55	3.76	18.25	ppb
Antimony	121-1	0.27	0.33	0.25	0.28	13.10	ppb
Arsenic	75-2	0.18	0.21	0.29	0.23	25.14	ppb
Barium	135-1	53.27	53.52	53.13	53.31	0.36	ppb
Barium	137-1	55.41	56.94	55.17	55.84	1.72	ppb
Beryllium	9-1	-0.01	-0.02	-0.02	-0.02		ppb
Bismuth	209-1				94		%
Bismuth	209-2				92		%
Boron	10-1	206.22	210.66	215.08	210.65	2.10	ppb
Boron	11-1	221.25	227.57	235.99	228.27	3.24	ppb
Bromine	81-1						cps
Cadmium	111-1	0.28	0.05	0.18	0.17	70.46	ppb
Cadmium	106-1	3.62	0.40	2.78	2.27	73.54	ppb
Cadmium	108-1	-0.08	0.01	0.61	0.18	208.85	ppb
Calcium	43-1	72299.45	74791.36	71559.36	72883.39	2.32	ppb
Calcium	44-1	71514.49	76360.59	71666.02	73180.37	3.76	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.63	0.72	0.66	0.67	7.37	ppb
Cobalt	59-2	0.20	0.22	0.18	0.20	11.72	ppb
Copper	63-2	0.64	0.58	0.66	0.63	6.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				95		%
Indium	115-1				95		%
Indium	115-2				92		%
Iron	54-2	9.63	11.46	12.74	11.28	13.86	ppb
Iron	56-2	8.07	8.13	7.27	7.82	6.16	ppb
Iron	57-2	94.11	104.60	99.39	99.37	5.28	ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	O1604-01	Instrumnet Name :	P8
Client Sample ID :	YBL50	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 16:33:32	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.07	0.02	0.07	0.05	56.61	ppb
Lead	207-1	-0.02	-0.02	0.03	-0.01		ppb
Lead	208-1	0.02	0.00	0.01	0.01	76.26	ppb
Lithium	6-1				98		%
Magnesium	24-2	48943.73	48793.96	46760.70	48166.13	2.53	ppb
Manganese	55-2	39.33	39.87	38.95	39.38	1.18	ppb
Molybdenum	94-1	0.49	0.42	0.52	0.47	11.18	ppb
Molybdenum	95-1	0.42	0.59	0.70	0.57	24.77	ppb
Molybdenum	96-1	0.49	0.42	0.48	0.46	7.96	ppb
Molybdenum	97-1	0.51	0.60	0.63	0.58	10.92	ppb
Molybdenum	98-1	0.61	0.44	0.48	0.51	16.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.25	7.87	7.88	7.67	4.68	ppb
Phosphorus	31-2	0.16	-12.73	41.68	9.70	292.99	ppb
Potassium	39-2	3002.99	3071.89	2950.15	3008.34	2.03	ppb
Rhodium	103-1				92		%
Rhodium	103-2				92		%
Scandium	45-1				95		%
Scandium	45-2				94		%
Selenium	82-1	0.98	-0.41	-0.09	0.16	466.30	ppb
Selenium	77-2	-0.57	1.24	1.27	0.65	162.42	ppb
Selenium	78-2	0.56	0.19	0.00	0.25	114.71	ppb
Silicon	28-1	686.21	705.03	690.29	693.84	1.43	ppb
Silver	107-1	0.00	0.01	0.01	0.01	78.88	ppb
Silver	109-1	0.02	0.01	0.00	0.01	71.35	ppb
Sodium	23-2	14679.24	14364.10	13970.58	14337.97	2.48	ppb
Strontium	86-1	918.26	922.78	868.18	903.07	3.36	ppb
Strontium	88-1	888.50	928.03	878.90	898.48	2.90	ppb
Sulfur	34-1	34591.17	35009.20	33959.22	34519.87	1.53	ppb
Terbium	159-1				96		%
Terbium	159-2				95		%
Thallium	203-1	0.05	-0.01	0.01	0.02	189.35	ppb
Thallium	205-1	0.11	0.07	0.07	0.08	24.34	ppb
Tin	118-1	0.08	0.09	0.06	0.08	14.89	ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	O1604-01	Instrumnet Name :	P8
Client Sample ID :	YBL50	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 16:33:32	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.82	0.84	0.55	0.74	22.15	ppb
Uranium	238-1	0.38	0.39	0.39	0.39	1.85	ppb
Vanadium	51-2	0.38	0.46	0.42	0.42	8.94	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				93		%
Zinc	66-2	16.41	14.96	14.87	15.41	5.58	ppb
Zirconium	90-1	-0.01	0.02	0.02	0.01	168.16	ppb
Zirconium	91-1	0.03	0.02	0.04	0.03	44.49	ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	O1604-02	Instrumnet Name :	P8
Client Sample ID :	YBL50D	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 16:36:51	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.41	4.62	5.73	5.25	10.84	ppb
Antimony	121-1	0.27	0.26	0.30	0.28	7.74	ppb
Arsenic	75-2	0.13	0.22	0.26	0.21	33.08	ppb
Barium	135-1	55.83	55.02	54.00	54.95	1.67	ppb
Barium	137-1	57.99	55.84	55.73	56.52	2.25	ppb
Beryllium	9-1	-0.03	-0.03	-0.02	-0.03		ppb
Bismuth	209-1				93		%
Bismuth	209-2				90		%
Boron	10-1	208.67	216.28	217.41	214.12	2.22	ppb
Boron	11-1	223.50	231.69	230.79	228.66	1.96	ppb
Bromine	81-1						cps
Cadmium	111-1	0.46	0.18	-0.02	0.21	115.76	ppb
Cadmium	106-1	6.27	2.53	-0.45	2.79	120.90	ppb
Cadmium	108-1	0.55	0.18	0.01	0.25	111.94	ppb
Calcium	43-1	75240.12	72513.52	70739.90	72831.18	3.11	ppb
Calcium	44-1	74415.84	72978.55	71852.05	73082.15	1.76	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.60	0.43	0.48	0.50	16.88	ppb
Cobalt	59-2	0.16	0.16	0.23	0.18	21.84	ppb
Copper	63-2	0.50	0.56	0.61	0.56	9.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				93		%
Indium	115-1				96		%
Indium	115-2				90		%
Iron	54-2	10.25	9.22	13.02	10.83	18.14	ppb
Iron	56-2	7.76	8.19	9.41	8.45	10.07	ppb
Iron	57-2	100.92	108.65	93.78	101.12	7.36	ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	O1604-02	Instrumnet Name :	P8
Client Sample ID :	YBL50D	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 16:36:51	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.04	0.08	0.05	0.06	40.03	ppb
Lead	207-1	-0.02	0.03	0.04	0.02	176.54	ppb
Lead	208-1	0.00	0.03	0.03	0.02	87.38	ppb
Lithium	6-1				98		%
Magnesium	24-2	49575.47	49616.84	51711.98	50301.43	2.43	ppb
Manganese	55-2	39.43	38.52	42.00	39.98	4.51	ppb
Molybdenum	94-1	0.52	0.50	0.39	0.47	15.37	ppb
Molybdenum	95-1	0.51	0.57	0.48	0.52	8.21	ppb
Molybdenum	96-1	0.52	0.65	0.54	0.57	11.91	ppb
Molybdenum	97-1	0.48	0.50	0.57	0.52	9.21	ppb
Molybdenum	98-1	0.54	0.47	0.53	0.51	7.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.76	7.38	7.86	7.67	3.34	ppb
Phosphorus	31-2	18.47	23.94	15.01	19.14	23.50	ppb
Potassium	39-2	2974.83	2926.79	3182.71	3028.11	4.49	ppb
Rhodium	103-1				93		%
Rhodium	103-2				90		%
Scandium	45-1				95		%
Scandium	45-2				92		%
Selenium	82-1	-0.68	0.37	-0.26	-0.19		ppb
Selenium	77-2	-0.57	-0.57	1.34	0.07	1586.17	ppb
Selenium	78-2	0.73	0.79	1.75	1.09	52.45	ppb
Silicon	28-1	734.23	677.79	675.18	695.73	4.80	ppb
Silver	107-1	0.01	-0.01	0.00	0.00	611.75	ppb
Silver	109-1	0.02	0.00	0.00	0.01	158.96	ppb
Sodium	23-2	14176.94	14102.93	14900.16	14393.34	3.06	ppb
Strontium	86-1	915.33	919.43	874.38	903.05	2.76	ppb
Strontium	88-1	923.12	944.08	893.26	920.15	2.78	ppb
Sulfur	34-1	36892.25	34643.71	32398.56	34644.84	6.49	ppb
Terbium	159-1				95		%
Terbium	159-2				93		%
Thallium	203-1	0.00	0.00	0.01	0.00	228.27	ppb
Thallium	205-1	0.07	0.07	0.04	0.06	26.05	ppb
Tin	118-1	0.04	0.08	0.08	0.07	33.91	ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	O1604-02	Instrumnet Name :	P8
Client Sample ID :	YBL50D	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 16:36:51	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.76	0.75	1.07	0.86	20.93	ppb
Uranium	238-1	0.34	0.37	0.32	0.34	6.52	ppb
Vanadium	51-2	0.47	0.34	0.34	0.39	19.86	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				94		%
Yttrium	89-2				91		%
Zinc	66-2	15.18	14.52	17.06	15.59	8.47	ppb
Zirconium	90-1	0.02	0.00	0.01	0.01	93.54	ppb
Zirconium	91-1	-0.02	0.04	0.06	0.03	156.22	ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	O1604-01LX5	Instrumnet Name :	P8
Client Sample ID :	YBL50L	Dilution Factor :	5
Date & Time Acquired :	2023-02-24 16:40:02	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.56	0.92	0.94	0.81	26.68	ppb
Antimony	121-1	0.00	0.05	0.05	0.03	79.57	ppb
Arsenic	75-2	-0.01	0.03	0.01	0.01	233.22	ppb
Barium	135-1	10.05	10.17	9.23	9.82	5.19	ppb
Barium	137-1	10.07	10.99	10.13	10.39	4.94	ppb
Beryllium	9-1	-0.04	-0.05	-0.04	-0.04		ppb
Bismuth	209-1				98		%
Bismuth	209-2				96		%
Boron	10-1	61.76	61.24	64.93	62.64	3.19	ppb
Boron	11-1	66.48	65.80	67.64	66.64	1.40	ppb
Bromine	81-1						cps
Cadmium	111-1	0.04	0.10	0.16	0.10	58.85	ppb
Cadmium	106-1	0.70	1.54	2.43	1.56	55.79	ppb
Cadmium	108-1	-0.01	0.45	0.26	0.23	97.48	ppb
Calcium	43-1	13756.03	14148.93	14154.58	14019.84	1.63	ppb
Calcium	44-1	14196.04	14397.12	14251.73	14281.63	0.73	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.05	0.23	0.14	0.14	62.52	ppb
Cobalt	59-2	-0.01	0.01	0.00	0.00		ppb
Copper	63-2	0.10	0.13	0.08	0.10	24.52	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				97		%
Holmium	165-2				95		%
Indium	115-1				99		%
Indium	115-2				93		%
Iron	54-2	2.76	4.92	0.47	2.72	82.01	ppb
Iron	56-2	1.67	2.38	1.80	1.95	19.20	ppb
Iron	57-2	14.38	20.89	17.93	17.73	18.38	ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	O1604-01LX5	Instrumnet Name :	P8
Client Sample ID :	YBL50L	Dilution Factor :	5
Date & Time Acquired :	2023-02-24 16:40:02	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	-0.04	0.01	0.01	-0.01		ppb
Lead	207-1	0.00	0.00	-0.01	0.00		ppb
Lead	208-1	-0.03	-0.01	-0.02	-0.02		ppb
Lithium	6-1				100		%
Magnesium	24-2	9598.03	9698.80	9559.39	9618.74	0.75	ppb
Manganese	55-2	7.78	7.42	7.98	7.73	3.67	ppb
Molybdenum	94-1	0.08	0.11	0.08	0.09	20.88	ppb
Molybdenum	95-1	0.06	0.04	0.11	0.07	51.83	ppb
Molybdenum	96-1	0.14	0.12	0.05	0.11	42.93	ppb
Molybdenum	97-1	0.15	0.05	0.12	0.11	49.87	ppb
Molybdenum	98-1	0.09	0.11	0.07	0.09	23.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.44	1.56	1.58	1.52	5.11	ppb
Phosphorus	31-2	-9.38	5.89	47.84	14.78	200.41	ppb
Potassium	39-2	640.68	691.74	639.62	657.35	4.53	ppb
Rhodium	103-1				96		%
Rhodium	103-2				94		%
Scandium	45-1				98		%
Scandium	45-2				93		%
Selenium	82-1	0.02	-1.48	0.35	-0.37		ppb
Selenium	77-2	-0.57	-0.57	-0.57	-0.57		ppb
Selenium	78-2	-0.93	0.35	1.12	0.18	569.59	ppb
Silicon	28-1	132.05	140.42	144.46	138.97	4.55	ppb
Silver	107-1	0.00	0.00	0.01	0.00	117.23	ppb
Silver	109-1	0.00	0.02	0.00	0.01	178.07	ppb
Sodium	23-2	2794.39	2793.59	2770.60	2786.19	0.48	ppb
Strontium	86-1	177.59	180.91	168.22	175.57	3.75	ppb
Strontium	88-1	177.22	177.70	167.44	174.12	3.32	ppb
Sulfur	34-1	10377.11	11222.19	11997.21	11198.83	7.24	ppb
Terbium	159-1				99		%
Terbium	159-2				94		%
Thallium	203-1	-0.04	-0.05	-0.03	-0.04		ppb
Thallium	205-1	-0.02	0.03	-0.01	0.00		ppb
Tin	118-1	0.03	0.07	0.05	0.05	41.17	ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	O1604-01LX5	Instrumnet Name :	P8
Client Sample ID :	YBL50L	Dilution Factor :	5
Date & Time Acquired :	2023-02-24 16:40:02	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.01	0.24	0.21	0.16	79.59	ppb
Uranium	238-1	0.04	0.03	0.06	0.04	36.30	ppb
Vanadium	51-2	0.06	0.10	0.07	0.07	29.88	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				94		%
Zinc	66-2	3.20	2.53	3.22	2.98	13.12	ppb
Zirconium	90-1	-0.01	0.01	0.02	0.01	203.46	ppb
Zirconium	91-1	0.03	0.03	0.01	0.02	39.23	ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	O1604-03	Instrumnet Name :	P8
Client Sample ID :	YBL50S	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 16:48:19	DataFile Name :	043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2082.28	2017.39	2007.42	2035.70	2.00	ppb
Antimony	121-1	99.44	103.83	99.17	100.82	2.60	ppb
Arsenic	75-2	41.84	43.75	41.42	42.33	2.93	ppb
Barium	135-1	1991.51	1954.95	1935.70	1960.72	1.45	ppb
Barium	137-1	2037.83	1988.32	1993.58	2006.58	1.36	ppb
Beryllium	9-1	47.84	49.27	46.36	47.83	3.04	ppb
Bismuth	209-1				92		%
Bismuth	209-2				90		%
Boron	10-1	186.82	203.40	197.39	195.87	4.29	ppb
Boron	11-1	202.49	219.62	209.03	210.38	4.11	ppb
Bromine	81-1						cps
Cadmium	111-1	50.61	51.97	48.85	50.48	3.10	ppb
Cadmium	106-1	39.39	44.52	37.49	40.47	8.98	ppb
Cadmium	108-1	42.00	44.00	40.75	42.25	3.88	ppb
Calcium	43-1	71028.87	72553.24	71396.71	71659.60	1.11	ppb
Calcium	44-1	71368.89	71918.85	71371.19	71552.98	0.44	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	202.62	199.45	197.72	199.93	1.24	ppb
Cobalt	59-2	508.01	488.62	486.83	494.49	2.37	ppb
Copper	63-2	246.00	235.94	238.07	240.00	2.21	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				94		%
Holmium	165-2				91		%
Indium	115-1				93		%
Indium	115-2				89		%
Iron	54-2	1218.00	1178.35	1151.13	1182.49	2.84	ppb
Iron	56-2	1054.89	1027.99	1021.99	1034.96	1.69	ppb
Iron	57-2	1179.96	1080.32	1076.20	1112.16	5.28	ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	O1604-03	Instrumnet Name :	P8
Client Sample ID :	YBL50S	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 16:48:19	DataFile Name :	043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	18.05	17.96	17.68	17.90	1.09	ppb
Lead	207-1	17.78	18.16	17.95	17.97	1.05	ppb
Lead	208-1	18.10	18.26	17.82	18.06	1.25	ppb
Lithium	6-1				100		%
Magnesium	24-2	49428.56	50341.01	49027.14	49598.90	1.36	ppb
Manganese	55-2	519.44	508.73	508.60	512.26	1.21	ppb
Molybdenum	94-1	0.41	0.50	0.53	0.48	13.35	ppb
Molybdenum	95-1	0.62	0.63	0.56	0.60	6.70	ppb
Molybdenum	96-1	0.63	0.47	0.49	0.53	16.33	ppb
Molybdenum	97-1	0.47	0.65	0.44	0.52	21.45	ppb
Molybdenum	98-1	0.56	0.58	0.65	0.60	7.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	519.35	497.82	506.82	508.00	2.13	ppb
Phosphorus	31-2	21.19	1.45	6.24	9.63	107.00	ppb
Potassium	39-2	3082.92	2927.01	2975.61	2995.18	2.66	ppb
Rhodium	103-1				91		%
Rhodium	103-2				90		%
Scandium	45-1				95		%
Scandium	45-2				92		%
Selenium	82-1	98.54	99.55	92.11	96.73	4.18	ppb
Selenium	77-2	100.36	113.41	98.98	104.25	7.64	ppb
Selenium	78-2	103.93	101.51	103.30	102.92	1.22	ppb
Silicon	28-1	676.15	697.44	675.97	683.19	1.81	ppb
Silver	107-1	48.60	48.37	48.46	48.48	0.24	ppb
Silver	109-1	49.77	49.88	47.12	48.92	3.20	ppb
Sodium	23-2	14461.66	14552.88	14288.72	14434.42	0.93	ppb
Strontium	86-1	896.56	904.63	885.81	895.66	1.05	ppb
Strontium	88-1	885.34	899.87	884.06	889.76	0.99	ppb
Sulfur	34-1	33238.69	35222.28	34330.80	34263.92	2.90	ppb
Terbium	159-1				93		%
Terbium	159-2				92		%
Thallium	203-1	47.06	47.82	49.71	48.19	2.83	ppb
Thallium	205-1	47.79	49.03	47.45	48.09	1.73	ppb
Tin	118-1	0.24	0.31	0.29	0.28	11.20	ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	O1604-03	Instrumnet Name :	P8
Client Sample ID :	YBL50S	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 16:48:19	DataFile Name :	043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.85	0.60	0.61	0.69	20.74	ppb
Uranium	238-1	0.36	0.36	0.35	0.36	0.67	ppb
Vanadium	51-2	502.78	491.28	487.63	493.89	1.60	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				94		%
Yttrium	89-2				90		%
Zinc	66-2	519.62	506.28	512.92	512.94	1.30	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	10.90	ppb
Zirconium	91-1	0.03	0.07	0.09	0.06	49.79	ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	O1604-04	Instrumnet Name :	P8
Client Sample ID :	YBL51	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 16:51:30	DataFile Name :	044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	85.98	84.58	80.85	83.81	3.16	ppb
Antimony	121-1	0.21	0.14	0.14	0.16	26.50	ppb
Arsenic	75-2	0.20	0.28	0.22	0.23	17.24	ppb
Barium	135-1	3.27	3.05	2.87	3.06	6.58	ppb
Barium	137-1	3.58	3.29	2.79	3.22	12.38	ppb
Beryllium	9-1	-0.01	-0.01	-0.01	-0.01		ppb
Bismuth	209-1				95		%
Bismuth	209-2				90		%
Boron	10-1	27.41	24.91	24.35	25.55	6.38	ppb
Boron	11-1	29.57	27.08	25.00	27.22	8.41	ppb
Bromine	81-1						cps
Cadmium	111-1	0.09	0.07	0.08	0.08	9.19	ppb
Cadmium	106-1	1.24	1.26	1.42	1.31	7.66	ppb
Cadmium	108-1	0.01	0.29	0.17	0.16	86.64	ppb
Calcium	43-1	778.38	754.34	682.99	738.57	6.72	ppb
Calcium	44-1	819.88	788.55	723.95	777.46	6.29	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.25	1.38	1.24	1.29	6.11	ppb
Cobalt	59-2	0.01	0.03	0.02	0.02	57.42	ppb
Copper	63-2	1.77	1.92	1.76	1.82	4.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				91		%
Indium	115-1				95		%
Indium	115-2				87		%
Iron	54-2	59.94	55.90	59.46	58.43	3.78	ppb
Iron	56-2	61.33	58.19	58.38	59.30	2.97	ppb
Iron	57-2	63.05	65.32	48.86	59.08	15.10	ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	O1604-04	Instrumnet Name :	P8
Client Sample ID :	YBL51	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 16:51:30	DataFile Name :	044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.19	0.12	0.15	0.15	24.37	ppb
Lead	207-1	0.16	0.11	0.09	0.12	28.21	ppb
Lead	208-1	0.18	0.12	0.12	0.14	21.48	ppb
Lithium	6-1				99		%
Magnesium	24-2	58.02	55.68	55.69	56.46	2.39	ppb
Manganese	55-2	0.89	0.63	0.65	0.72	19.95	ppb
Molybdenum	94-1	0.92	0.91	1.04	0.96	7.80	ppb
Molybdenum	95-1	0.07	-0.01	0.00	0.02	243.45	ppb
Molybdenum	96-1	0.13	0.10	0.09	0.11	22.25	ppb
Molybdenum	97-1	0.00	0.05	0.01	0.02	112.27	ppb
Molybdenum	98-1	0.00	-0.03	-0.01	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.13	0.10	0.05	0.09	47.77	ppb
Phosphorus	31-2	-1.01	-26.36	-11.74	-13.04		ppb
Potassium	39-2	162.04	141.86	130.80	144.90	10.93	ppb
Rhodium	103-1				93		%
Rhodium	103-2				90		%
Scandium	45-1				96		%
Scandium	45-2				90		%
Selenium	82-1	-0.80	0.04	-0.48	-0.41		ppb
Selenium	77-2	-0.57	-0.57	-0.57	-0.57		ppb
Selenium	78-2	1.64	0.37	0.60	0.87	77.76	ppb
Silicon	28-1	527.91	494.00	445.18	489.03	8.50	ppb
Silver	107-1	0.00	0.02	0.02	0.01	131.12	ppb
Silver	109-1	0.01	0.01	0.02	0.02	32.30	ppb
Sodium	23-2	1551.58	1537.29	1517.16	1535.34	1.13	ppb
Strontium	86-1	2.29	2.33	2.07	2.23	6.23	ppb
Strontium	88-1	2.21	2.19	2.00	2.13	5.24	ppb
Sulfur	34-1	4042.14	3427.99	2061.82	3177.32	31.90	ppb
Terbium	159-1				95		%
Terbium	159-2				90		%
Thallium	203-1	0.01	0.00	-0.01	0.00		ppb
Thallium	205-1	0.02	0.00	-0.02	0.00	752.46	ppb
Tin	118-1	1.09	1.26	0.95	1.10	14.19	ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	O1604-04	Instrumnet Name :	P8
Client Sample ID :	YBL51	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 16:51:30	DataFile Name :	044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	3.80	3.19	2.87	3.29	14.31	ppb
Uranium	238-1	-0.03	-0.02	-0.02	-0.02		ppb
Vanadium	51-2	0.10	0.15	0.13	0.13	18.40	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				93		%
Yttrium	89-2				88		%
Zinc	66-2	1.33	1.53	1.68	1.52	11.54	ppb
Zirconium	90-1	0.55	0.55	0.46	0.52	9.59	ppb
Zirconium	91-1	0.43	0.49	0.42	0.44	8.22	ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	CCV38	Instrumnet Name :	P8
Client Sample ID :	CCV38	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 17:03:23	DataFile Name :	047CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53089.30	51606.49	50200.81	51632.20	2.80	ppb
Antimony	121-1	495.89	460.84	464.17	473.63	4.08	ppb
Arsenic	75-2	513.56	488.30	489.93	497.26	2.84	ppb
Barium	135-1	2476.76	2367.65	2341.21	2395.21	3.00	ppb
Barium	137-1	2638.79	2409.29	2477.32	2508.47	4.70	ppb
Beryllium	9-1	485.01	473.21	464.77	474.33	2.14	ppb
Bismuth	209-1				87		%
Bismuth	209-2				88		%
Boron	10-1	962.18	965.98	991.40	973.19	1.63	ppb
Boron	11-1	952.28	976.27	997.77	975.44	2.33	ppb
Bromine	81-1						cps
Cadmium	111-1	478.41	459.41	461.12	466.31	2.25	ppb
Cadmium	106-1	509.55	481.25	472.85	487.88	3.94	ppb
Cadmium	108-1	493.43	477.21	475.52	482.05	2.05	ppb
Calcium	43-1	269485.91	260500.76	245889.30	258625.32	4.60	ppb
Calcium	44-1	270336.44	256689.82	245057.96	257361.41	4.92	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	486.56	477.47	458.47	474.17	3.02	ppb
Cobalt	59-2	515.37	499.04	483.64	499.35	3.18	ppb
Copper	63-2	5255.28	5044.30	4920.46	5073.35	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				94		%
Holmium	165-2				92		%
Indium	115-1				89		%
Indium	115-2				87		%
Iron	54-2	133272.43	128371.89	127817.97	129820.76	2.31	ppb
Iron	56-2	131105.36	126097.55	124747.53	127316.81	2.63	ppb
Iron	57-2	132114.46	126307.89	120488.75	126303.70	4.60	ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	CCV38	Instrumnet Name :	P8
Client Sample ID :	CCV38	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 17:03:23	DataFile Name :	047CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2554.56	2617.30	2488.16	2553.34	2.53	ppb
Lead	207-1	2571.86	2612.80	2423.81	2536.16	3.92	ppb
Lead	208-1	2580.41	2604.00	2485.48	2556.63	2.45	ppb
Lithium	6-1				95		%
Magnesium	24-2	261875.97	254104.80	247742.69	254574.49	2.78	ppb
Manganese	55-2	4922.42	4766.07	4556.17	4748.22	3.87	ppb
Molybdenum	94-1	5027.64	4953.17	4966.61	4982.47	0.80	ppb
Molybdenum	95-1	4783.11	4915.91	4921.83	4873.62	1.61	ppb
Molybdenum	96-1	4933.09	4823.65	4920.62	4892.45	1.22	ppb
Molybdenum	97-1	5012.64	4848.35	4978.41	4946.47	1.75	ppb
Molybdenum	98-1	4946.01	4770.40	4808.99	4841.80	1.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	509.19	484.61	474.88	489.56	3.61	ppb
Phosphorus	31-2	10002.00	8956.87	8866.65	9275.18	6.80	ppb
Potassium	39-2	124610.04	121462.76	122972.92	123015.24	1.28	ppb
Rhodium	103-1				88		%
Rhodium	103-2				87		%
Scandium	45-1				93		%
Scandium	45-2				90		%
Selenium	82-1	528.93	511.76	520.07	520.25	1.65	ppb
Selenium	77-2	539.15	485.85	525.31	516.77	5.35	ppb
Selenium	78-2	529.82	524.04	510.22	521.36	1.93	ppb
Silicon	28-1	1843.02	1717.25	1619.93	1726.73	6.48	ppb
Silver	107-1	483.43	461.82	450.91	465.39	3.56	ppb
Silver	109-1	484.97	455.00	458.32	466.10	3.52	ppb
Sodium	23-2	267335.82	261934.40	250843.10	260037.77	3.23	ppb
Strontium	86-1	12577.35	12440.45	12108.82	12375.54	1.95	ppb
Strontium	88-1	12591.33	12188.16	12367.66	12382.38	1.63	ppb
Sulfur	34-1	14152.90	12791.58	11571.58	12838.69	10.06	ppb
Terbium	159-1				93		%
Terbium	159-2				91		%
Thallium	203-1	500.74	503.62	488.43	497.60	1.62	ppb
Thallium	205-1	515.67	525.80	487.98	509.82	3.84	ppb
Tin	118-1	498.63	457.57	464.64	473.61	4.64	ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	CCV38	Instrumnet Name :	P8
Client Sample ID :	CCV38	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 17:03:23	DataFile Name :	047CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5071.46	5132.09	4716.25	4973.27	4.52	ppb
Uranium	238-1	544.59	544.56	526.57	538.57	1.93	ppb
Vanadium	51-2	489.28	478.15	467.32	478.25	2.30	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				93		%
Yttrium	89-2				90		%
Zinc	66-2	5028.38	4877.96	4759.43	4888.59	2.76	ppb
Zirconium	90-1	504.72	505.71	515.87	508.77	1.21	ppb
Zirconium	91-1	503.43	490.87	497.84	497.38	1.26	ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	CCB38	Instrumnet Name :	P8
Client Sample ID :	CCB38	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 17:09:55	DataFile Name :	048CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.92	1.88	2.22	1.67	40.42	ppb
Antimony	121-1	0.08	0.11	0.16	0.12	38.19	ppb
Arsenic	75-2	0.00	-0.01	-0.03	-0.01		ppb
Barium	135-1	-0.03	0.07	-0.03	0.01	733.01	ppb
Barium	137-1	-0.05	-0.03	0.02	-0.02		ppb
Beryllium	9-1	0.03	0.03	0.03	0.03	2.15	ppb
Bismuth	209-1				97		%
Bismuth	209-2				86		%
Boron	10-1	40.14	38.44	35.91	38.16	5.57	ppb
Boron	11-1	42.91	40.68	40.17	41.25	3.53	ppb
Bromine	81-1						cps
Cadmium	111-1	0.19	-0.01	0.29	0.16	97.18	ppb
Cadmium	106-1	2.38	0.10	2.97	1.81	83.62	ppb
Cadmium	108-1	0.00	-0.08	-0.08	-0.05		ppb
Calcium	43-1	6.40	6.65	7.15	6.74	5.66	ppb
Calcium	44-1	8.27	7.38	7.29	7.65	7.09	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.03	0.00	0.07	0.02	343.87	ppb
Cobalt	59-2	-0.03	-0.03	-0.01	-0.02		ppb
Copper	63-2	0.08	0.07	0.27	0.14	82.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				85		%
Indium	115-1				97		%
Indium	115-2				83		%
Iron	54-2	4.80	5.11	3.06	4.32	25.61	ppb
Iron	56-2	3.18	3.47	3.77	3.47	8.52	ppb
Iron	57-2	0.01	-2.37	3.82	0.49	642.79	ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	CCB38	Instrumnet Name :	P8
Client Sample ID :	CCB38	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 17:09:55	DataFile Name :	048CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.07	0.12	0.05	0.08	45.91	ppb
Lead	207-1	0.08	0.09	0.07	0.08	13.93	ppb
Lead	208-1	0.06	0.08	0.03	0.06	44.38	ppb
Lithium	6-1				98		%
Magnesium	24-2	0.79	-2.42	-1.99	-1.20		ppb
Manganese	55-2	0.19	0.14	0.14	0.16	16.24	ppb
Molybdenum	94-1	0.06	0.13	0.18	0.12	49.13	ppb
Molybdenum	95-1	0.14	0.25	0.15	0.18	32.23	ppb
Molybdenum	96-1	0.20	0.15	0.09	0.15	35.55	ppb
Molybdenum	97-1	0.16	0.12	0.19	0.15	23.57	ppb
Molybdenum	98-1	0.16	0.21	0.16	0.18	15.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.02	0.02	-0.01		ppb
Phosphorus	31-2	1.98	-1.25	10.06	3.59	162.06	ppb
Potassium	39-2	78.81	106.84	220.66	135.44	55.47	ppb
Rhodium	103-1				93		%
Rhodium	103-2				85		%
Scandium	45-1				96		%
Scandium	45-2				85		%
Selenium	82-1	-0.18	-0.87	-0.41	-0.49		ppb
Selenium	77-2	-0.57	-0.57	-0.57	-0.57		ppb
Selenium	78-2	0.83	0.88	3.03	1.58	79.52	ppb
Silicon	28-1	5.67	2.88	6.43	4.99	37.39	ppb
Silver	107-1	0.03	0.04	0.02	0.03	40.09	ppb
Silver	109-1	0.05	0.04	0.04	0.04	7.31	ppb
Sodium	23-2	46.30	58.29	88.30	64.30	33.65	ppb
Strontium	86-1	0.19	0.27	0.21	0.23	17.34	ppb
Strontium	88-1	0.23	0.28	0.24	0.25	11.36	ppb
Sulfur	34-1	1823.74	1627.91	1942.14	1797.93	8.83	ppb
Terbium	159-1				97		%
Terbium	159-2				85		%
Thallium	203-1	0.09	0.09	0.08	0.09	6.03	ppb
Thallium	205-1	0.07	0.07	0.05	0.06	18.39	ppb
Tin	118-1	0.04	0.05	0.06	0.05	17.67	ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	CCB38	Instrumnet Name :	P8
Client Sample ID :	CCB38	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 17:09:55	DataFile Name :	048CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.18	0.23	0.04	0.15	66.98	ppb
Uranium	238-1	-0.02	-0.02	-0.02	-0.02		ppb
Vanadium	51-2	-0.02	0.00	-0.01	-0.01		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				96		%
Yttrium	89-2				84		%
Zinc	66-2	0.17	-0.23	0.15	0.03	728.34	ppb
Zirconium	90-1	0.01	0.01	0.03	0.02	63.66	ppb
Zirconium	91-1	0.00	-0.01	0.07	0.02	227.37	ppb

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 14:10:21	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	76	85	70	77	9.78	cps
Antimony	121-1	83	33	58	58	42.86	cps
Arsenic	75-2	9	5	2	5	65.85	cps
Barium	135-1	58	33	50	47	26.97	cps
Barium	137-1	67	50	50	56	17.32	cps
Beryllium	9-1	154	159	121	145	14.08	cps
Bismuth	209-1	1864459	1868844	1842648	1858650	0.75	cps
Bismuth	209-2	1034267	1052492	1054730	1047163	1.07	cps
Boron	10-1	566	500	568	545	7.10	cps
Boron	11-1	2406	2496	2368	2423	2.71	cps
Bromine	81-1	29772	28749	28719	29080	2.06	cps
Cadmium	111-1	811	891	857	853	4.71	cps
Cadmium	106-1	1125	1233	1208	1189	4.77	cps
Cadmium	108-1	8	8	8	8	0.00	cps
Calcium	43-1	96	110	90	99	10.36	cps
Calcium	44-1	6961	6923	7028	6971	0.76	cps
Carbon	12-1	3082802	3101218	3104879	3096300	0.38	cps
Carbon	12-2	35894	37022	35702	36206	1.97	cps
Chlorine	35-1	179889	183678	180000	181189	1.19	cps
Chlorine	35-2	1483	1475	1267	1408	8.72	cps
Chromium	52-2	263	243	327	278	15.66	cps
Cobalt	59-2	117	120	93	110	13.21	cps
Copper	63-2	387	407	320	371	12.23	cps
Dysprosium	156-1	0	50	17	22	114.56	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	25	25	8	19	49.50	cps
Erbium	164-2	7	10	7	8	24.71	cps
Gadolinium	160-1	17	17	17	17	0.00	cps
Gadolinium	160-2	63	57	40	53	22.53	cps
Holmium	165-1	2957846	2997042	3031065	2995318	1.22	cps
Holmium	165-2	1491783	1465673	1476950	1478135	0.89	cps
Indium	115-1	2578811	2562307	2541336	2560818	0.73	cps
Indium	115-2	455739	450760	452144	452881	0.57	cps
Iron	54-2	356	450	544	450	20.99	cps
Iron	56-2	2272	2445	2606	2441	6.83	cps
Iron	57-2	294	233	256	261	11.85	cps

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 14:10:21	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	276	239	257	257	7.28	cps
Lead	206-1	283	267	322	291	9.81	cps
Lead	207-1	283	367	206	285	28.25	cps
Lead	208-1	1233	1389	1233	1285	6.99	cps
Lithium	6-1	2486178	2532273	2521474	2513308	0.96	cps
Magnesium	24-2	1117	1083	1125	1108	1.99	cps
Manganese	55-2	103	83	107	98	12.91	cps
Molybdenum	94-1	67	117	92	92	27.27	cps
Molybdenum	95-1	67	83	117	89	28.64	cps
Molybdenum	96-1	150	50	133	111	48.22	cps
Molybdenum	97-1	50	0	25	25	100.00	cps
Molybdenum	98-1	92	58	83	78	22.30	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	50	53	37	47	18.89	cps
Phosphorus	31-2	58	108	117	94	33.40	cps
Potassium	39-2	25607	24922	26266	25598	2.63	cps
Rhodium	103-1	2487602	2578161	2591135	2552299	2.21	cps
Rhodium	103-2	1197934	1204412	1193477	1198608	0.46	cps
Scandium	45-1	2066611	2150890	2132434	2116645	2.09	cps
Scandium	45-2	73662	75273	74295	74410	1.09	cps
Selenium	82-1	25	63	-23	22	196.61	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	30	44	47	40	22.50	cps
Silicon	28-1	1230221	1217462	1224347	1224010	0.52	cps
Silver	107-1	42	33	50	42	20.00	cps
Silver	109-1	8	8	17	11	43.34	cps
Sodium	23-2	11897	12322	12155	12125	1.77	cps
Strontium	86-1	483	458	367	436	14.09	cps
Strontium	88-1	275	233	233	247	9.73	cps
Sulfur	34-1	334584	335488	328010	332694	1.23	cps
Terbium	159-1	3101450	3075194	3048539	3075061	0.86	cps
Terbium	159-2	1458509	1443700	1464117	1455442	0.72	cps
Thallium	203-1	225	175	142	181	23.23	cps
Thallium	205-1	358	258	308	308	16.22	cps
Tin	118-1	100	125	117	114	11.18	cps

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 14:10:21	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	192	150	158	167	13.23	cps
Uranium	238-1	183	183	242	203	16.61	cps
Vanadium	51-2	13	10	13	12	15.73	cps
Ytterbium	172-1	25	25	25	25	0.00	cps
Ytterbium	172-2	22	6	17	15	57.25	cps
Ytterbium	176-1	358	433	425	406	10.14	cps
Ytterbium	176-2	3350	3439	3417	3402	1.36	cps
Yttrium	89-1	3707371	3609166	3719608	3678715	1.65	cps
Yttrium	89-2	456271	451778	448757	452269	0.84	cps
Zinc	66-2	97	80	100	92	11.62	cps
Zirconium	90-1	133	192	217	181	23.68	cps
Zirconium	91-1	50	25	33	36	35.25	cps

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 14:13:34	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	651	566	632	617	7.24	cps
Antimony	121-1	4109	4276	4376	4254	3.17	cps
Arsenic	75-2	79	86	78	81	5.38	cps
Barium	135-1	4659	4909	4801	4790	2.62	cps
Barium	137-1	7894	7727	8219	7947	3.15	cps
Beryllium	9-1	1819	1810	1772	1800	1.36	cps
Bismuth	209-1	1848157	1841757	1592260	1760725	8.29	cps
Bismuth	209-2	1017359	1113443	1155028	1095277	6.45	cps
Boron	10-1	5184	5522	5576	5427	3.92	cps
Boron	11-1	22292	23582	23903	23259	3.66	cps
Bromine	81-1	28379	28709	28608	28565	0.59	cps
Cadmium	111-1	1782	1524	1501	1602	9.73	cps
Cadmium	106-1	1483	1300	1242	1342	9.40	cps
Cadmium	108-1	33	88	38	53	57.12	cps
Calcium	43-1	4335	4311	4186	4278	1.87	cps
Calcium	44-1	75197	73744	75791	74911	1.41	cps
Carbon	12-1	3187238	3252475	3224029	3221248	1.02	cps
Carbon	12-2	37883	37448	37883	37738	0.66	cps
Chlorine	35-1	206752	206871	205476	206366	0.37	cps
Chlorine	35-2	1600	1375	1508	1495	7.57	cps
Chromium	52-2	1627	1650	1473	1583	6.06	cps
Cobalt	59-2	1303	1347	1400	1350	3.59	cps
Copper	63-2	2114	2290	2354	2252	5.52	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-1	50	8	17	25	88.19	cps
Erbium	164-2	10	10	17	12	31.50	cps
Gadolinium	160-1	8	25	8	14	69.31	cps
Gadolinium	160-2	37	43	57	46	22.36	cps
Holmium	165-1	2912138	2809797	2611374	2777769	5.51	cps
Holmium	165-2	1484483	1589799	1622659	1565647	4.61	cps
Indium	115-1	2562533	2570326	2236269	2456376	7.76	cps
Indium	115-2	440740	481020	502087	474616	6.57	cps
Iron	54-2	2050	1984	2139	2058	3.79	cps
Iron	56-2	32236	31101	31151	31496	2.04	cps
Iron	57-2	922	967	1028	972	5.45	cps

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 14:13:34	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	269	249	236	251	6.53	cps
Lead	206-1	1700	1745	1661	1702	2.45	cps
Lead	207-1	1706	1667	1556	1643	4.74	cps
Lead	208-1	7323	7457	6762	7181	5.13	cps
Lithium	6-1	2506262	2497852	2240397	2414837	6.26	cps
Magnesium	24-2	38535	37106	38410	38017	2.08	cps
Manganese	55-2	503	503	530	512	3.00	cps
Molybdenum	94-1	4217	4643	4859	4573	7.14	cps
Molybdenum	95-1	5568	5901	5735	5735	2.91	cps
Molybdenum	96-1	6760	6844	6368	6657	3.81	cps
Molybdenum	97-1	3376	3801	3734	3637	6.29	cps
Molybdenum	98-1	9629	9095	9462	9395	2.91	cps
Neodymium	150-1	20	7	7	11	69.25	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	443	367	353	388	12.53	cps
Phosphorus	31-2	175	150	100	142	26.96	cps
Potassium	39-2	49251	49092	47855	48733	1.57	cps
Rhodium	103-1	2522723	2507404	2206510	2412212	7.39	cps
Rhodium	103-2	1183386	1281389	1313932	1259569	5.39	cps
Scandium	45-1	2160574	2084126	1787475	2010725	9.80	cps
Scandium	45-2	75374	77916	82575	78622	4.65	cps
Selenium	82-1	267	271	320	286	10.23	cps
Selenium	77-2	20	10	13	14	35.26	cps
Selenium	78-2	73	79	88	80	9.44	cps
Silicon	28-1	1268568	1262561	1226288	1252472	1.83	cps
Silver	107-1	2992	3192	3192	3125	3.70	cps
Silver	109-1	2992	2909	2884	2928	1.94	cps
Sodium	23-2	77699	75437	75404	76180	1.73	cps
Strontium	86-1	1233	1367	1242	1281	5.83	cps
Strontium	88-1	6518	6568	6360	6482	1.68	cps
Sulfur	34-1	324638	323810	325805	324751	0.31	cps
Terbium	159-1	3035484	2964822	2712744	2904350	5.84	cps
Terbium	159-2	1452738	1591727	1601073	1548513	5.36	cps
Thallium	203-1	1959	1917	2000	1959	2.13	cps
Thallium	205-1	4501	4276	4601	4459	3.73	cps
Tin	118-1	9370	8795	9303	9156	3.44	cps

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 14:13:34	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2234	2092	2192	2172	3.35	cps
Uranium	238-1	6043	5676	5935	5885	3.20	cps
Vanadium	51-2	3130	2787	2730	2883	7.51	cps
Ytterbium	172-1	17	17	25	19	24.73	cps
Ytterbium	172-2	28	11	0	13	107.86	cps
Ytterbium	176-1	500	375	383	419	16.66	cps
Ytterbium	176-2	3245	3445	3567	3419	4.76	cps
Yttrium	89-1	3633294	3714295	3246542	3531377	7.08	cps
Yttrium	89-2	456359	480542	488909	475270	3.56	cps
Zinc	66-2	370	357	397	374	5.44	cps
Zirconium	90-1	3926	4076	3834	3945	3.09	cps
Zirconium	91-1	833	1025	908	922	10.47	cps

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 14:16:49	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	29203	28305	28548	28685	1.62	cps
Antimony	121-1	111286	112117	112286	111896	0.48	cps
Arsenic	75-2	4281	4284	4177	4247	1.44	cps
Barium	135-1	120091	118014	119209	119105	0.88	cps
Barium	137-1	213087	207043	207046	209059	1.67	cps
Beryllium	9-1	85120	86196	86452	85923	0.82	cps
Bismuth	209-1	1835243	1794026	1534824	1721364	9.46	cps
Bismuth	209-2	1168964	1031765	1022360	1074363	7.64	cps
Boron	10-1	18035	18546	19391	18657	3.67	cps
Boron	11-1	77210	78949	81580	79246	2.78	cps
Bromine	81-1	28819	28428	27967	28405	1.50	cps
Cadmium	111-1	34898	33917	34066	34294	1.54	cps
Cadmium	106-1	5084	4484	4559	4709	6.94	cps
Cadmium	108-1	2567	2729	2538	2611	3.96	cps
Calcium	43-1	48075	49053	48955	48694	1.11	cps
Calcium	44-1	749170	761065	767784	759340	1.24	cps
Carbon	12-1	3416926	3426622	3554574	3466040	2.22	cps
Carbon	12-2	40958	40748	40339	40682	0.77	cps
Chlorine	35-1	210876	213019	211699	211865	0.51	cps
Chlorine	35-2	1650	1558	1433	1547	7.03	cps
Chromium	52-2	37258	37335	36941	37178	0.56	cps
Cobalt	59-2	65021	64676	64174	64624	0.66	cps
Copper	63-2	516291	509576	507645	511171	0.89	cps
Dysprosium	156-1	17	8	25	17	50.01	cps
Dysprosium	156-2	7	7	13	9	43.25	cps
Erbium	164-1	25	8	17	17	50.01	cps
Erbium	164-2	7	10	20	12	56.76	cps
Gadolinium	160-1	33	50	25	36	35.25	cps
Gadolinium	160-2	53	63	43	53	18.75	cps
Holmium	165-1	2933101	2829115	2468444	2743553	8.89	cps
Holmium	165-2	1712569	1497078	1509590	1573079	7.69	cps
Indium	115-1	2503495	2508740	2043804	2352013	11.35	cps
Indium	115-2	501123	452574	443901	465866	6.62	cps
Iron	54-2	88892	89558	86701	88384	1.69	cps
Iron	56-2	1621682	1620072	1595117	1612290	0.92	cps
Iron	57-2	38848	38669	38073	38530	1.05	cps

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 14:16:49	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	272	259	306	279	8.76	cps
Lead	206-1	404483	408403	410979	407955	0.80	cps
Lead	207-1	359062	357384	377661	364702	3.09	cps
Lead	208-1	1630206	1630582	1686365	1649051	1.96	cps
Lithium	6-1	2471748	2601916	2181917	2418527	8.89	cps
Magnesium	24-2	396529	399123	391315	395656	1.00	cps
Manganese	55-2	195301	200147	195197	196881	1.44	cps
Molybdenum	94-1	418931	433080	426806	426273	1.66	cps
Molybdenum	95-1	609648	629751	613505	617635	1.73	cps
Molybdenum	96-1	668099	685672	674352	676041	1.32	cps
Molybdenum	97-1	379903	380274	379612	379930	0.09	cps
Molybdenum	98-1	975512	996904	992525	988314	1.14	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	18345	17611	17524	17827	2.53	cps
Phosphorus	31-2	1917	1850	2042	1936	5.03	cps
Potassium	39-2	148309	146776	148586	147891	0.66	cps
Rhodium	103-1	2521306	2538093	2034839	2364746	12.09	cps
Rhodium	103-2	1340080	1195173	1181866	1239040	7.08	cps
Scandium	45-1	2142707	2110638	1767489	2006945	10.36	cps
Scandium	45-2	83429	74261	75330	77673	6.45	cps
Selenium	82-1	2965	3146	3061	3058	2.97	cps
Selenium	77-2	113	93	110	106	10.16	cps
Selenium	78-2	437	420	412	423	3.02	cps
Silicon	28-1	2045773	2061112	2077828	2061571	0.78	cps
Silver	107-1	157236	165591	161384	161404	2.59	cps
Silver	109-1	154008	151976	154208	153397	0.80	cps
Sodium	23-2	720586	709111	707237	712311	1.01	cps
Strontium	86-1	963506	979241	977523	973423	0.89	cps
Strontium	88-1	8219485	8143605	8132002	8165031	0.58	cps
Sulfur	34-1	352011	353604	349819	351811	0.54	cps
Terbium	159-1	3004894	2976807	2517512	2833071	9.66	cps
Terbium	159-2	1619453	1463994	1470877	1518108	5.79	cps
Thallium	203-1	96878	96281	96972	96711	0.39	cps
Thallium	205-1	228252	227596	223675	226508	1.09	cps
Tin	118-1	97238	94006	93847	95030	2.01	cps

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 14:16:49	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	218199	219517	223975	220564	1.37	cps
Uranium	238-1	307157	302824	304220	304734	0.73	cps
Vanadium	51-2	29668	29554	30235	29819	1.22	cps
Ytterbium	172-1	8	17	0	8	100.02	cps
Ytterbium	172-2	22	6	11	13	65.44	cps
Ytterbium	176-1	783	808	675	756	9.38	cps
Ytterbium	176-2	4117	3589	3867	3858	6.85	cps
Yttrium	89-1	3665859	3635827	2987305	3429663	11.18	cps
Yttrium	89-2	503367	453120	443307	466598	6.91	cps
Zinc	66-2	67393	67065	65682	66713	1.36	cps
Zirconium	90-1	214290	214234	213642	214055	0.17	cps
Zirconium	91-1	48318	47532	47933	47928	0.82	cps

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 14:20:00	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	71157	70150	70610	70639	0.71	cps
Antimony	121-1	281544	284239	273478	279754	2.00	cps
Arsenic	75-2	10800	10405	10269	10491	2.63	cps
Barium	135-1	312272	311673	301906	308617	1.89	cps
Barium	137-1	520128	534377	527343	527283	1.35	cps
Beryllium	9-1	215036	209390	208997	211141	1.60	cps
Bismuth	209-1	1814104	1874147	1891645	1859965	2.19	cps
Bismuth	209-2	1027900	1004696	849400	960665	10.10	cps
Boron	10-1	43313	44121	45088	44174	2.01	cps
Boron	11-1	178138	189114	192085	186446	3.94	cps
Bromine	81-1	28739	28458	28067	28422	1.19	cps
Cadmium	111-1	84937	84369	82794	84033	1.32	cps
Cadmium	106-1	10896	10821	9895	10538	5.29	cps
Cadmium	108-1	6456	6577	6385	6472	1.50	cps
Calcium	43-1	122060	120340	119856	120752	0.96	cps
Calcium	44-1	1912102	1828898	1804854	1848618	3.04	cps
Carbon	12-1	3457239	3545244	3528569	3510351	1.33	cps
Carbon	12-2	41935	40673	42136	41582	1.91	cps
Chlorine	35-1	211377	212129	216399	213302	1.27	cps
Chlorine	35-2	1392	1567	1592	1517	7.19	cps
Chromium	52-2	89840	89455	88844	89380	0.56	cps
Cobalt	59-2	158601	159714	156966	158427	0.87	cps
Copper	63-2	1287383	1272854	1228595	1262944	2.42	cps
Dysprosium	156-1	33	58	100	64	52.72	cps
Dysprosium	156-2	20	13	7	13	49.99	cps
Erbium	164-1	25	8	33	22	57.29	cps
Erbium	164-2	3	10	20	11	75.52	cps
Gadolinium	160-1	25	33	42	33	25.01	cps
Gadolinium	160-2	63	53	37	51	26.35	cps
Holmium	165-1	2939559	2986171	2944895	2956875	0.86	cps
Holmium	165-2	1480959	1465777	1222658	1389798	10.43	cps
Indium	115-1	2567454	2683464	2538929	2596615	2.95	cps
Indium	115-2	441761	447172	366453	418462	10.78	cps
Iron	54-2	212753	215311	213677	213914	0.61	cps
Iron	56-2	4059050	4015824	3965629	4013501	1.16	cps
Iron	57-2	97196	96056	95653	96302	0.83	cps

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 14:20:00	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	281	271	266	273	2.80	cps
Lead	206-1	1030343	1053536	1047206	1043695	1.15	cps
Lead	207-1	923704	907293	928786	919928	1.22	cps
Lead	208-1	4304579	4263989	4399967	4322845	1.61	cps
Lithium	6-1	2529883	2574455	2403659	2502666	3.54	cps
Magnesium	24-2	998046	981040	979434	986173	1.05	cps
Manganese	55-2	491614	494675	487367	491219	0.75	cps
Molybdenum	94-1	1072434	1067569	1076541	1072181	0.42	cps
Molybdenum	95-1	1565253	1547006	1534780	1549013	0.99	cps
Molybdenum	96-1	1720754	1668775	1693299	1694276	1.53	cps
Molybdenum	97-1	971198	944025	942012	952412	1.71	cps
Molybdenum	98-1	2449253	2455491	2442934	2449226	0.26	cps
Neodymium	150-1	13	40	67	40	66.68	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	43924	44847	43623	44132	1.44	cps
Phosphorus	31-2	4784	4559	4709	4684	2.45	cps
Potassium	39-2	328583	326793	327635	327671	0.27	cps
Rhodium	103-1	2449741	2507233	2502835	2486603	1.29	cps
Rhodium	103-2	1175914	1174857	969611	1106794	10.73	cps
Scandium	45-1	2128729	2143030	2073979	2115246	1.72	cps
Scandium	45-2	73158	73068	61124	69117	10.02	cps
Selenium	82-1	7720	7985	7626	7777	2.39	cps
Selenium	77-2	263	273	253	263	3.80	cps
Selenium	78-2	894	974	864	911	6.24	cps
Silicon	28-1	3040649	3050515	3057006	3049390	0.27	cps
Silver	107-1	400599	400763	399479	400280	0.17	cps
Silver	109-1	387023	382329	374053	381135	1.72	cps
Sodium	23-2	1778520	1740944	1695427	1738297	2.39	cps
Strontium	86-1	2393908	2481691	2380414	2418671	2.27	cps
Strontium	88-1	20313407	20530000	20352324	20398577	0.57	cps
Sulfur	34-1	386998	385679	388920	387199	0.42	cps
Terbium	159-1	3071241	3080108	3005239	3052196	1.34	cps
Terbium	159-2	1461712	1451101	1199424	1370746	10.83	cps
Thallium	203-1	242980	245531	245412	244641	0.59	cps
Thallium	205-1	581641	574969	588377	581662	1.15	cps
Tin	118-1	244356	240879	237822	241019	1.36	cps

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 14:20:00	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	540635	542012	535954	539533	0.59	cps
Uranium	238-1	754217	770458	775221	766632	1.44	cps
Vanadium	51-2	73561	73990	74945	74165	0.95	cps
Ytterbium	172-1	33	17	75	42	72.11	cps
Ytterbium	172-2	11	22	17	17	33.33	cps
Ytterbium	176-1	1442	1525	1767	1578	10.70	cps
Ytterbium	176-2	3951	4090	3206	3749	12.67	cps
Yttrium	89-1	3603163	3677816	3673342	3651440	1.15	cps
Yttrium	89-2	445431	449511	369948	421630	10.63	cps
Zinc	66-2	169114	162306	160166	163862	2.85	cps
Zirconium	90-1	544565	545658	539691	543305	0.58	cps
Zirconium	91-1	121352	120875	119714	120647	0.70	cps

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 14:23:09	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	141695	142112	141371	141726	0.26	cps
Antimony	121-1	572669	569094	560838	567534	1.07	cps
Arsenic	75-2	21024	20768	20719	20837	0.78	cps
Barium	135-1	620937	616893	613763	617198	0.58	cps
Barium	137-1	1066819	1074368	1048234	1063140	1.27	cps
Beryllium	9-1	417782	413567	419370	416906	0.72	cps
Bismuth	209-1	1787106	1778252	1841799	1802386	1.91	cps
Bismuth	209-2	1008613	1000275	1008249	1005712	0.47	cps
Boron	10-1	100757	104406	106360	103841	2.74	cps
Boron	11-1	425443	443218	453010	440557	3.17	cps
Bromine	81-1	29301	26613	28508	28141	4.91	cps
Cadmium	111-1	165832	165308	165740	165627	0.17	cps
Cadmium	106-1	19698	20407	20232	20112	1.84	cps
Cadmium	108-1	13094	12372	13402	12956	4.08	cps
Calcium	43-1	240646	237502	239403	239184	0.66	cps
Calcium	44-1	3767174	3733357	3735232	3745254	0.51	cps
Carbon	12-1	3707962	3735440	3875146	3772849	2.38	cps
Carbon	12-2	45111	46399	46014	45841	1.44	cps
Chlorine	35-1	206549	206195	208746	207163	0.67	cps
Chlorine	35-2	1592	1692	1575	1620	3.90	cps
Chromium	52-2	185124	181491	180731	182449	1.29	cps
Cobalt	59-2	333676	320603	316729	323669	2.74	cps
Copper	63-2	2614763	2584269	2510040	2569691	2.10	cps
Dysprosium	156-1	92	50	50	64	37.66	cps
Dysprosium	156-2	37	27	20	28	30.20	cps
Erbium	164-1	25	50	33	36	35.25	cps
Erbium	164-2	10	10	13	11	17.30	cps
Gadolinium	160-1	17	17	58	31	78.71	cps
Gadolinium	160-2	53	57	47	52	9.75	cps
Holmium	165-1	2939523	2912282	2956887	2936231	0.77	cps
Holmium	165-2	1442020	1437719	1473392	1451044	1.34	cps
Indium	115-1	2467505	2523995	2522190	2504563	1.28	cps
Indium	115-2	437713	432068	431708	433830	0.78	cps
Iron	54-2	443050	432870	419849	431923	2.69	cps
Iron	56-2	8268008	7883655	7904930	8018864	2.69	cps
Iron	57-2	199330	193068	193152	195183	1.84	cps

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 14:23:09	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	266	256	279	267	4.22	cps
Lead	206-1	2148870	2121749	2174394	2148338	1.23	cps
Lead	207-1	1952461	1917814	1882777	1917684	1.82	cps
Lead	208-1	8690713	8569323	8640356	8633464	0.71	cps
Lithium	6-1	2479928	2451904	2536759	2489530	1.74	cps
Magnesium	24-2	2012668	2039817	1980851	2011112	1.47	cps
Manganese	55-2	1007215	987491	961697	985468	2.32	cps
Molybdenum	94-1	2161556	2111089	2108700	2127115	1.40	cps
Molybdenum	95-1	3035109	3102548	3101694	3079784	1.26	cps
Molybdenum	96-1	3424522	3473511	3382304	3426779	1.33	cps
Molybdenum	97-1	1911266	1925448	1876812	1904508	1.31	cps
Molybdenum	98-1	4914165	4798247	4922043	4878152	1.42	cps
Neodymium	150-1	87	40	40	56	48.50	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	89205	88859	87501	88522	1.02	cps
Phosphorus	31-2	9245	9545	8453	9081	6.21	cps
Potassium	39-2	635421	626543	622283	628082	1.07	cps
Rhodium	103-1	2509903	2461260	2441560	2470908	1.42	cps
Rhodium	103-2	1150096	1153400	1160003	1154500	0.44	cps
Scandium	45-1	2087986	2076688	2106371	2090349	0.72	cps
Scandium	45-2	70753	71229	71892	71292	0.80	cps
Selenium	82-1	15048	15451	15240	15246	1.32	cps
Selenium	77-2	560	507	503	523	6.08	cps
Selenium	78-2	1821	1768	1746	1779	2.17	cps
Silicon	28-1	6088968	6153347	6197755	6146690	0.89	cps
Silver	107-1	789139	792998	794606	792248	0.35	cps
Silver	109-1	775846	766584	765618	769349	0.73	cps
Sodium	23-2	3601439	3592892	3443337	3545890	2.51	cps
Strontium	86-1	4828314	4874945	4860159	4854473	0.49	cps
Strontium	88-1	42024954	40514104	40910362	41149807	1.90	cps
Sulfur	34-1	436360	438956	438138	437818	0.30	cps
Terbium	159-1	2940687	3026708	3127361	3031585	3.08	cps
Terbium	159-2	1394948	1400250	1426502	1407233	1.20	cps
Thallium	203-1	475894	477455	477087	476812	0.17	cps
Thallium	205-1	1160086	1134450	1128357	1140964	1.48	cps
Tin	118-1	485973	483125	475800	481633	1.09	cps

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 14:23:09	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1087137	1094102	1106816	1096018	0.91	cps
Uranium	238-1	1614138	1538956	1553648	1568914	2.54	cps
Vanadium	51-2	151632	149091	148964	149896	1.00	cps
Ytterbium	172-1	25	17	25	22	21.64	cps
Ytterbium	172-2	28	22	0	17	88.19	cps
Ytterbium	176-1	2542	2700	2675	2639	3.23	cps
Ytterbium	176-2	3912	4462	4556	4310	8.08	cps
Yttrium	89-1	3728144	3631781	3676221	3678715	1.31	cps
Yttrium	89-2	438999	436976	437947	437974	0.23	cps
Zinc	66-2	328768	321077	317849	322565	1.74	cps
Zirconium	90-1	1099956	1070773	1095684	1088804	1.45	cps
Zirconium	91-1	240856	243252	241051	241720	0.55	cps

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 14:26:15	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	280317	272769	269756	274281	1.98	cps
Antimony	121-1	1122900	1119247	1092552	1111567	1.49	cps
Arsenic	75-2	40975	40840	40005	40607	1.29	cps
Barium	135-1	1205844	1208173	1207415	1207144	0.10	cps
Barium	137-1	2105971	2083877	2111329	2100392	0.69	cps
Beryllium	9-1	808209	805274	799929	804471	0.52	cps
Bismuth	209-1	1767939	1816889	1786207	1790345	1.38	cps
Bismuth	209-2	982556	986007	990440	986335	0.40	cps
Boron	10-1	185745	193950	195212	191636	2.68	cps
Boron	11-1	797793	814106	816522	809474	1.26	cps
Bromine	81-1	27506	28438	28860	28268	2.45	cps
Cadmium	111-1	323913	322786	313139	319946	1.85	cps
Cadmium	106-1	37218	38914	36699	37610	3.08	cps
Cadmium	108-1	25090	24931	24685	24902	0.82	cps
Calcium	43-1	482161	477647	468715	476174	1.44	cps
Calcium	44-1	7363865	7298402	7131417	7264561	1.65	cps
Carbon	12-1	3796528	3839168	3860846	3832181	0.85	cps
Carbon	12-2	47711	46265	45972	46649	2.00	cps
Chlorine	35-1	211096	209347	205891	208778	1.27	cps
Chlorine	35-2	1500	1483	1433	1472	2.36	cps
Chromium	52-2	358743	355444	345831	353339	1.90	cps
Cobalt	59-2	625657	631647	608235	621846	1.96	cps
Copper	63-2	5106455	4965643	4935045	5002381	1.83	cps
Dysprosium	156-1	125	100	92	106	16.43	cps
Dysprosium	156-2	40	53	37	43	20.34	cps
Erbium	164-1	25	58	33	39	44.61	cps
Erbium	164-2	7	20	13	13	49.99	cps
Gadolinium	160-1	67	100	75	81	21.53	cps
Gadolinium	160-2	67	90	60	72	21.81	cps
Holmium	165-1	2887014	2992954	2934766	2938244	1.81	cps
Holmium	165-2	1464654	1473074	1483515	1473748	0.64	cps
Indium	115-1	2408815	2501806	2438265	2449628	1.94	cps
Indium	115-2	433300	429217	432208	431575	0.49	cps
Iron	54-2	845657	844579	814305	834847	2.13	cps
Iron	56-2	15486356	15365915	14747438	15199903	2.61	cps
Iron	57-2	378360	379542	360586	372829	2.85	cps

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 14:26:15	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	226	254	291	257	12.69	cps
Lead	206-1	4186381	4300304	4121620	4202768	2.15	cps
Lead	207-1	3788003	3910195	3766979	3821726	2.02	cps
Lead	208-1	16953925	17486091	16967029	17135682	1.77	cps
Lithium	6-1	2477852	2457485	2382709	2439349	2.05	cps
Magnesium	24-2	3888201	3815892	3800442	3834845	1.22	cps
Manganese	55-2	1991307	2017043	1886604	1964985	3.52	cps
Molybdenum	94-1	4118695	4188135	4155812	4154214	0.84	cps
Molybdenum	95-1	5982657	5949372	5958781	5963603	0.29	cps
Molybdenum	96-1	6735577	6626777	6548384	6636913	1.42	cps
Molybdenum	97-1	3745601	3740079	3696015	3727231	0.73	cps
Molybdenum	98-1	9752064	9702747	9519254	9658022	1.27	cps
Neodymium	150-1	147	160	127	144	11.61	cps
Neodymium	150-2	7	17	13	12	41.65	cps
Nickel	60-2	172837	171123	167944	170635	1.46	cps
Phosphorus	31-2	19247	18153	18028	18476	3.63	cps
Potassium	39-2	1211174	1211784	1207178	1210045	0.21	cps
Rhodium	103-1	2396631	2410529	2475364	2427508	1.73	cps
Rhodium	103-2	1143790	1153076	1154057	1150308	0.49	cps
Scandium	45-1	2030065	2100547	2112364	2080992	2.14	cps
Scandium	45-2	71879	72482	70690	71684	1.27	cps
Selenium	82-1	29377	29826	29441	29548	0.82	cps
Selenium	77-2	897	1027	983	969	6.83	cps
Selenium	78-2	3393	3324	3233	3316	2.42	cps
Silicon	28-1	9555849	9670309	9445434	9557198	1.18	cps
Silver	107-1	1584878	1583431	1572882	1580397	0.41	cps
Silver	109-1	1454454	1476330	1501536	1477440	1.59	cps
Sodium	23-2	6806387	6748840	6747175	6767467	0.50	cps
Strontium	86-1	9619401	9352683	9319480	9430521	1.74	cps
Strontium	88-1	82351714	80482308	80845941	81226655	1.22	cps
Sulfur	34-1	548870	546583	536979	544144	1.16	cps
Terbium	159-1	2950733	3044532	2973978	2989748	1.63	cps
Terbium	159-2	1442247	1444536	1439047	1441943	0.19	cps
Thallium	203-1	984790	957563	950626	964326	1.87	cps
Thallium	205-1	2329025	2300800	2292428	2307418	0.83	cps
Tin	118-1	943339	933829	914644	930604	1.57	cps

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 14:26:15	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2124123	2168668	2127313	2140035	1.16	cps
Uranium	238-1	3237148	3238851	3106087	3194029	2.38	cps
Vanadium	51-2	290450	292670	283178	288766	1.72	cps
Ytterbium	172-1	33	67	33	44	43.31	cps
Ytterbium	172-2	22	28	39	30	28.65	cps
Ytterbium	176-1	4926	4918	4693	4845	2.73	cps
Ytterbium	176-2	5601	5496	5690	5596	1.74	cps
Yttrium	89-1	3629527	3672487	3620120	3640711	0.77	cps
Yttrium	89-2	437852	442962	443195	441337	0.68	cps
Zinc	66-2	628249	622795	602835	617960	2.16	cps
Zirconium	90-1	2143874	2122534	2129715	2132041	0.51	cps
Zirconium	91-1	480602	477908	468144	475552	1.38	cps

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 14:29:24	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	559491	547764	536080	547778	2.14	cps
Antimony	121-1	2303468	2249357	2237210	2263345	1.56	cps
Arsenic	75-2	81736	80561	78995	80431	1.71	cps
Barium	135-1	2463734	2550162	2616475	2543457	3.01	cps
Barium	137-1	4308465	4169776	4235429	4237890	1.64	cps
Beryllium	9-1	1584109	1538523	1550529	1557720	1.52	cps
Bismuth	209-1	1815534	1814118	1794590	1808081	0.65	cps
Bismuth	209-2	994814	1008437	1005498	1002916	0.71	cps
Boron	10-1	347400	345444	357414	350086	1.83	cps
Boron	11-1	1348874	1334316	1381546	1354912	1.79	cps
Bromine	81-1	28158	28649	27586	28131	1.89	cps
Cadmium	111-1	636264	630615	634665	633848	0.46	cps
Cadmium	106-1	72969	72935	72608	72838	0.27	cps
Cadmium	108-1	49355	48677	49066	49033	0.69	cps
Calcium	43-1	949998	952813	948428	950413	0.23	cps
Calcium	44-1	14829492	14124490	14198372	14384118	2.69	cps
Carbon	12-1	4226400	4435207	4503739	4388449	3.29	cps
Carbon	12-2	53297	55831	54443	54524	2.33	cps
Chlorine	35-1	209871	209677	210066	209871	0.09	cps
Chlorine	35-2	1508	1725	1558	1597	7.10	cps
Chromium	52-2	718609	703384	694585	705526	1.72	cps
Cobalt	59-2	1270909	1239036	1225995	1245313	1.86	cps
Copper	63-2	9915961	9455508	9501988	9624485	2.63	cps
Dysprosium	156-1	250	175	150	192	27.15	cps
Dysprosium	156-2	77	90	93	87	10.17	cps
Erbium	164-1	33	33	42	36	13.33	cps
Erbium	164-2	13	40	10	21	77.90	cps
Gadolinium	160-1	100	192	200	164	33.86	cps
Gadolinium	160-2	103	100	73	92	17.83	cps
Holmium	165-1	2983096	3003156	2984489	2990247	0.37	cps
Holmium	165-2	1466498	1457550	1451247	1458432	0.53	cps
Indium	115-1	2486163	2429815	2479884	2465287	1.25	cps
Indium	115-2	418895	421925	427157	422659	0.99	cps
Iron	54-2	1778168	1720319	1717220	1738569	1.97	cps
Iron	56-2	30650881	29735292	30378166	30254779	1.55	cps
Iron	57-2	766283	736025	730366	744225	2.59	cps

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 14:29:24	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	266	257	251	258	2.92	cps
Lead	206-1	8696965	8634370	8579644	8636993	0.68	cps
Lead	207-1	7676093	7741207	7606637	7674646	0.88	cps
Lead	208-1	34512652	34873418	34439337	34608469	0.67	cps
Lithium	6-1	2446666	2405663	2427823	2426717	0.85	cps
Magnesium	24-2	7750746	7594620	7528475	7624614	1.50	cps
Manganese	55-2	3999740	3905011	3911978	3938910	1.34	cps
Molybdenum	94-1	8350431	8533359	8407542	8430444	1.11	cps
Molybdenum	95-1	12218911	12127934	12089430	12145425	0.55	cps
Molybdenum	96-1	13548721	13136021	13495504	13393415	1.68	cps
Molybdenum	97-1	7531776	7434429	7439070	7468425	0.74	cps
Molybdenum	98-1	19534992	19023596	19596200	19384929	1.62	cps
Neodymium	150-1	227	213	247	229	7.33	cps
Neodymium	150-2	23	17	30	23	28.56	cps
Nickel	60-2	343295	331345	334812	336484	1.83	cps
Phosphorus	31-2	37449	35878	35962	36430	2.43	cps
Potassium	39-2	2390837	2463110	2369466	2407805	2.04	cps
Rhodium	103-1	2452206	2361339	2425043	2412863	1.93	cps
Rhodium	103-2	1125347	1126550	1134234	1128711	0.43	cps
Scandium	45-1	2103705	2063243	2053769	2073572	1.28	cps
Scandium	45-2	70917	71929	70613	71153	0.97	cps
Selenium	82-1	58496	58921	57193	58204	1.55	cps
Selenium	77-2	1920	1880	1920	1907	1.21	cps
Selenium	78-2	6835	6187	6434	6485	5.05	cps
Silicon	28-1	14944248	14631227	14858500	14811325	1.09	cps
Silver	107-1	3049211	3074755	2994668	3039545	1.35	cps
Silver	109-1	2974239	2905663	2957202	2945701	1.21	cps
Sodium	23-2	13492782	13165047	13356969	13338266	1.23	cps
Strontium	86-1	19250874	18804696	18721068	18925546	1.50	cps
Strontium	88-1	162578254	165563566	162676133	163605984	1.04	cps
Sulfur	34-1	767580	752630	750117	756776	1.25	cps
Terbium	159-1	3065837	3120017	3072238	3086031	0.96	cps
Terbium	159-2	1445522	1441698	1450458	1445892	0.30	cps
Thallium	203-1	2044916	2009196	1991631	2015248	1.35	cps
Thallium	205-1	4717283	4685556	4719908	4707583	0.41	cps
Tin	118-1	1986348	1953245	1915104	1951566	1.83	cps

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 14:29:24	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4269749	4131412	4281532	4227564	1.97	cps
Uranium	238-1	6334349	6194869	6603189	6377469	3.25	cps
Vanadium	51-2	591921	584781	564407	580370	2.46	cps
Ytterbium	172-1	58	42	83	61	34.32	cps
Ytterbium	172-2	17	22	33	24	35.24	cps
Ytterbium	176-1	9120	9345	9704	9390	3.14	cps
Ytterbium	176-2	7519	7447	7363	7443	1.05	cps
Yttrium	89-1	3626501	3537523	3612094	3592039	1.33	cps
Yttrium	89-2	439993	436620	446638	441084	1.16	cps
Zinc	66-2	1205343	1183711	1174004	1187686	1.35	cps
Zirconium	90-1	4240425	4249120	4414922	4301489	2.29	cps
Zirconium	91-1	953834	957082	966092	959002	0.66	cps

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 14:32:31	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2643690	2566857	2581220	2597256	1.57	cps
Antimony	121-1	1600	1809	1817	1742	7.05	cps
Arsenic	75-2	30	35	35	33	8.66	cps
Barium	135-1	1450	1783	1558	1597	10.65	cps
Barium	137-1	2792	2325	2425	2514	9.77	cps
Beryllium	9-1	641	609	557	602	7.01	cps
Bismuth	209-1	1634276	1755114	1725819	1705070	3.70	cps
Bismuth	209-2	928387	939900	946542	938276	0.98	cps
Boron	10-1	20951	19457	17517	19308	8.92	cps
Boron	11-1	87272	79982	73962	80405	8.29	cps
Bromine	81-1	29060	28448	28408	28639	1.28	cps
Cadmium	111-1	975	1117	1121	1071	7.79	cps
Cadmium	106-1	1200	1300	1258	1253	4.01	cps
Cadmium	108-1	46	50	38	44	14.32	cps
Calcium	43-1	4273136	4277508	4072632	4207758	2.78	cps
Calcium	44-1	66768774	67018543	65229116	66338811	1.46	cps
Carbon	12-1	3696558	3682193	3725947	3701566	0.60	cps
Carbon	12-2	46114	44242	44677	45011	2.18	cps
Chlorine	35-1	204741	202754	200633	202709	1.01	cps
Chlorine	35-2	1275	1250	1350	1292	4.03	cps
Chromium	52-2	6475	6208	6351	6345	2.10	cps
Cobalt	59-2	1110	1093	1110	1104	0.87	cps
Copper	63-2	2914	3120	3120	3051	3.91	cps
Dysprosium	156-1	483	567	350	467	23.42	cps
Dysprosium	156-2	253	207	177	212	18.20	cps
Erbium	164-1	42	58	8	36	70.51	cps
Erbium	164-2	17	30	10	19	53.91	cps
Gadolinium	160-1	475	425	525	475	10.53	cps
Gadolinium	160-2	283	310	340	311	9.11	cps
Holmium	165-1	3004223	2972822	3110688	3029244	2.39	cps
Holmium	165-2	1414244	1474545	1455157	1447982	2.13	cps
Indium	115-1	2481142	2467996	2502059	2483733	0.69	cps
Indium	115-2	422348	427337	429840	426508	0.89	cps
Iron	54-2	7818024	7556588	7647271	7673961	1.73	cps
Iron	56-2	142280009	140541850	139863909	140895256	0.88	cps
Iron	57-2	3538463	3664244	3559529	3587412	1.88	cps

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 14:32:31	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	214	266	231	237	11.27	cps
Lead	206-1	2756	2684	2734	2724	1.36	cps
Lead	207-1	2172	2100	2334	2202	5.43	cps
Lead	208-1	10252	10269	10146	10222	0.65	cps
Lithium	6-1	2368582	2330156	2246031	2314923	2.71	cps
Magnesium	24-2	35583517	34415589	34507867	34835658	1.86	cps
Manganese	55-2	4271	4177	4147	4198	1.53	cps
Molybdenum	94-1	2892	3075	2900	2956	3.50	cps
Molybdenum	95-1	4342	4384	4284	4337	1.16	cps
Molybdenum	96-1	8653	8495	8153	8433	3.03	cps
Molybdenum	97-1	2684	2800	2500	2661	5.68	cps
Molybdenum	98-1	7335	6677	6218	6743	8.33	cps
Neodymium	150-1	20	33	33	29	26.64	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	970	983	1050	1001	4.28	cps
Phosphorus	31-2	108	83	108	100	14.43	cps
Potassium	39-2	11402033	11225545	11163008	11263528	1.10	cps
Rhodium	103-1	2327532	2289709	2310573	2309272	0.82	cps
Rhodium	103-2	1054838	1078007	1075723	1069523	1.19	cps
Scandium	45-1	2085193	2098302	2097375	2093623	0.35	cps
Scandium	45-2	67565	70660	70586	69604	2.54	cps
Selenium	82-1	155	92	94	114	31.41	cps
Selenium	77-2	7	3	0	3	100.05	cps
Selenium	78-2	37	59	48	48	22.92	cps
Silicon	28-1	1349010	1299549	1266982	1305180	3.16	cps
Silver	107-1	1850	1575	1717	1714	8.02	cps
Silver	109-1	1267	1392	1333	1331	4.70	cps
Sodium	23-2	62305772	60254672	61382862	61314435	1.68	cps
Strontium	86-1	6568	6593	6518	6560	0.58	cps
Strontium	88-1	52015	52917	50384	51772	2.48	cps
Sulfur	34-1	292365	296888	293512	294255	0.80	cps
Terbium	159-1	3168775	3072891	3152239	3131302	1.64	cps
Terbium	159-2	1418202	1415291	1433001	1422165	0.67	cps
Thallium	203-1	633	700	642	658	5.52	cps
Thallium	205-1	1500	1500	1617	1539	4.38	cps
Tin	118-1	2217	2034	2234	2161	5.14	cps

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 14:32:31	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1075	1083	1000	1053	4.36	cps
Uranium	238-1	775	775	750	767	1.88	cps
Vanadium	51-2	197	207	187	197	5.08	cps
Ytterbium	172-1	167	158	250	192	26.45	cps
Ytterbium	172-2	72	67	117	85	32.17	cps
Ytterbium	176-1	558	567	458	528	11.42	cps
Ytterbium	176-2	3250	3217	3534	3334	5.22	cps
Yttrium	89-1	3695020	3684181	3631929	3670376	0.92	cps
Yttrium	89-2	427516	435727	443944	435729	1.89	cps
Zinc	66-2	1410	1260	1263	1311	6.53	cps
Zirconium	90-1	1467	1250	1425	1381	8.33	cps
Zirconium	91-1	233	267	258	253	6.86	cps

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	ICV31	Instrumnet Name :	P8
Client Sample ID :	ICV31	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 14:56:04	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13398	12750	12706	12952	2.99	cps
Antimony	121-1	432932	428735	421504	427724	1.35	cps
Arsenic	75-2	16327	15882	15661	15957	2.13	cps
Barium	135-1	47551	46096	45879	46509	1.95	cps
Barium	137-1	79451	78989	79108	79183	0.30	cps
Beryllium	9-1	165922	165513	161874	164437	1.36	cps
Bismuth	209-1	1818257	1890852	1901148	1870086	2.42	cps
Bismuth	209-2	1020649	1030665	1015546	1022287	0.75	cps
Boron	10-1	2068	2218	2104	2130	3.68	cps
Boron	11-1	9179	8943	8735	8952	2.48	cps
Bromine	81-1	27816	27646	28408	27957	1.43	cps
Cadmium	111-1	65812	64336	62362	64170	2.70	cps
Cadmium	106-1	6502	7177	6668	6782	5.19	cps
Cadmium	108-1	4192	4063	4247	4167	2.26	cps
Calcium	43-1	16940	17178	16560	16893	1.85	cps
Calcium	44-1	275767	276967	273515	275416	0.64	cps
Carbon	12-1	5050614	5098720	5104349	5084561	0.58	cps
Carbon	12-2	56660	58241	55999	56967	2.02	cps
Chlorine	35-1	162116	161308	158781	160735	1.08	cps
Chlorine	35-2	1133	975	1100	1070	7.81	cps
Chromium	52-2	70624	67217	68024	68622	2.59	cps
Cobalt	59-2	123944	118559	117793	120099	2.79	cps
Copper	63-2	93442	91718	88293	91151	2.88	cps
Dysprosium	156-1	25	8	0	11	114.58	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	0	42	42	28	86.60	cps
Erbium	164-2	13	17	20	17	20.01	cps
Gadolinium	160-1	33	33	50	39	24.75	cps
Gadolinium	160-2	43	47	47	46	4.23	cps
Holmium	165-1	2907236	2929339	3047760	2961445	2.55	cps
Holmium	165-2	1483142	1460611	1430974	1458242	1.79	cps
Indium	115-1	2488316	2531523	2502261	2507367	0.88	cps
Indium	115-2	435448	433424	434253	434375	0.23	cps
Iron	54-2	65444	61784	61861	63030	3.32	cps
Iron	56-2	1152670	1095943	1098988	1115867	2.86	cps
Iron	57-2	28234	27081	27588	27634	2.09	cps

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	ICV31	Instrumnet Name :	P8
Client Sample ID :	ICV31	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 14:56:04	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	247	256	257	254	2.15	cps
Lead	206-1	337209	323957	334075	331747	2.09	cps
Lead	207-1	276312	276067	281597	277992	1.12	cps
Lead	208-1	1309043	1274848	1305660	1296517	1.45	cps
Lithium	6-1	2527035	2544782	2444496	2505438	2.14	cps
Magnesium	24-2	85015	83766	80975	83252	2.49	cps
Manganese	55-2	37045	34619	35992	35885	3.39	cps
Molybdenum	94-1	175	100	150	142	26.96	cps
Molybdenum	95-1	208	92	125	142	42.42	cps
Molybdenum	96-1	133	208	192	178	22.15	cps
Molybdenum	97-1	33	17	8	19	65.47	cps
Molybdenum	98-1	133	167	108	136	21.50	cps
Neodymium	150-1	13	33	13	20	57.74	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	35364	33860	32557	33927	4.14	cps
Phosphorus	31-2	42	75	117	78	48.31	cps
Potassium	39-2	113705	112326	108582	111538	2.38	cps
Rhodium	103-1	2457067	2465691	2496262	2473007	0.83	cps
Rhodium	103-2	1184003	1152873	1164159	1167012	1.35	cps
Scandium	45-1	2128659	2111915	2074021	2104865	1.33	cps
Scandium	45-2	71983	71102	70911	71332	0.80	cps
Selenium	82-1	12126	12115	12063	12101	0.28	cps
Selenium	77-2	393	373	433	400	7.64	cps
Selenium	78-2	1409	1417	1293	1373	5.05	cps
Silicon	28-1	1209764	1200301	1235169	1215078	1.48	cps
Silver	107-1	148347	148306	142459	146370	2.31	cps
Silver	109-1	140642	143939	139935	141506	1.51	cps
Sodium	23-2	263493	269894	255810	263066	2.68	cps
Strontium	86-1	542	683	683	636	12.86	cps
Strontium	88-1	2017	2200	2100	2106	4.36	cps
Sulfur	34-1	318681	318010	318750	318481	0.13	cps
Terbium	159-1	3041721	3113617	3082791	3079376	1.17	cps
Terbium	159-2	1433602	1419436	1412489	1421842	0.76	cps
Thallium	203-1	412647	402339	396090	403692	2.07	cps
Thallium	205-1	988241	969539	936965	964915	2.69	cps
Tin	118-1	1125	975	1075	1058	7.22	cps

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	ICV31	Instrumnet Name :	P8
Client Sample ID :	ICV31	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 14:56:04	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	133	133	183	150	19.24	cps
Uranium	238-1	83	42	25	50	60.09	cps
Vanadium	51-2	54109	53754	54169	54011	0.42	cps
Ytterbium	172-1	33	17	25	25	33.32	cps
Ytterbium	172-2	6	6	6	6	0.00	cps
Ytterbium	176-1	392	500	467	453	12.25	cps
Ytterbium	176-2	3134	3317	3345	3265	3.51	cps
Yttrium	89-1	3650004	3662076	3645152	3652411	0.24	cps
Yttrium	89-2	435533	437606	440532	437890	0.57	cps
Zinc	66-2	24705	23800	23723	24076	2.27	cps
Zirconium	90-1	208	183	233	208	12.00	cps
Zirconium	91-1	92	167	108	122	32.22	cps

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 15:02:33	DataFile Name :	015LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	570	544	569	561	2.64	cps
Antimony	121-1	4367	4051	4459	4292	4.99	cps
Arsenic	75-2	90	74	65	76	16.59	cps
Barium	135-1	4451	4226	4359	4345	2.60	cps
Barium	137-1	7861	7127	7677	7555	5.05	cps
Beryllium	9-1	1885	1809	1791	1828	2.73	cps
Bismuth	209-1	1833479	1878142	1891976	1867866	1.64	cps
Bismuth	209-2	1023092	1007697	1030229	1020339	1.13	cps
Boron	10-1	6506	6640	6670	6606	1.32	cps
Boron	11-1	27328	27304	28259	27630	1.97	cps
Bromine	81-1	27907	26924	27516	27449	1.80	cps
Cadmium	111-1	1626	1426	1393	1481	8.50	cps
Cadmium	106-1	1433	1233	1200	1289	9.79	cps
Cadmium	108-1	46	42	50	46	9.09	cps
Calcium	43-1	4236	4345	4240	4274	1.44	cps
Calcium	44-1	72640	73911	72625	73059	1.01	cps
Carbon	12-1	3022853	3010326	2977130	3003436	0.79	cps
Carbon	12-2	33881	34675	34499	34352	1.21	cps
Chlorine	35-1	150005	151916	151243	151054	0.64	cps
Chlorine	35-2	1133	1025	1008	1056	6.43	cps
Chromium	52-2	1593	1417	1560	1523	6.16	cps
Cobalt	59-2	1187	1167	1070	1141	5.47	cps
Copper	63-2	2210	2174	2104	2162	2.51	cps
Dysprosium	156-1	17	8	0	8	100.02	cps
Dysprosium	156-2	13	0	0	4	173.21	cps
Erbium	164-1	50	25	42	39	32.73	cps
Erbium	164-2	10	7	7	8	24.71	cps
Gadolinium	160-1	17	17	25	19	24.73	cps
Gadolinium	160-2	47	83	43	58	38.41	cps
Holmium	165-1	3009559	2998778	2965840	2991392	0.76	cps
Holmium	165-2	1431259	1460383	1460062	1450568	1.15	cps
Indium	115-1	2594607	2506346	2472676	2524543	2.49	cps
Indium	115-2	433758	441120	438546	437808	0.85	cps
Iron	54-2	2134	2028	2078	2080	2.54	cps
Iron	56-2	30121	29570	28802	29497	2.25	cps
Iron	57-2	1006	861	978	948	8.08	cps

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 15:02:33	DataFile Name :	015LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	256	227	257	247	6.87	cps
Lead	206-1	1811	1795	1850	1819	1.57	cps
Lead	207-1	1583	1450	1533	1522	4.43	cps
Lead	208-1	7329	7123	7284	7245	1.49	cps
Lithium	6-1	2622678	2603627	2598608	2608305	0.49	cps
Magnesium	24-2	35753	34375	35394	35174	2.03	cps
Manganese	55-2	453	443	583	493	15.83	cps
Molybdenum	94-1	4217	4718	4709	4548	6.30	cps
Molybdenum	95-1	6085	6318	6010	6138	2.62	cps
Molybdenum	96-1	6518	6518	6368	6468	1.34	cps
Molybdenum	97-1	3567	3684	3559	3603	1.94	cps
Molybdenum	98-1	8544	8870	9478	8964	5.29	cps
Neodymium	150-1	13	0	7	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	403	423	313	380	15.42	cps
Phosphorus	31-2	108	175	100	128	32.17	cps
Potassium	39-2	46308	46334	46049	46231	0.34	cps
Rhodium	103-1	2518324	2548568	2530785	2532559	0.60	cps
Rhodium	103-2	1154926	1156556	1166231	1159238	0.53	cps
Scandium	45-1	2051033	2136350	2121557	2102980	2.17	cps
Scandium	45-2	71983	72235	71645	71954	0.41	cps
Selenium	82-1	292	294	326	304	6.29	cps
Selenium	77-2	7	20	10	12	56.76	cps
Selenium	78-2	63	82	74	73	13.07	cps
Silicon	28-1	1210793	1209587	1233522	1217967	1.11	cps
Silver	107-1	3217	3284	3059	3187	3.63	cps
Silver	109-1	2984	3000	3184	3056	3.63	cps
Sodium	23-2	74533	73729	73142	73801	0.95	cps
Strontium	86-1	1058	1033	1367	1153	16.11	cps
Strontium	88-1	6502	6652	5868	6341	6.56	cps
Sulfur	34-1	322159	320232	326944	323112	1.07	cps
Terbium	159-1	3115140	2954595	3075901	3048545	2.75	cps
Terbium	159-2	1419120	1448233	1419490	1428948	1.17	cps
Thallium	203-1	1817	2000	1900	1906	4.82	cps
Thallium	205-1	4834	4509	4584	4643	3.67	cps
Tin	118-1	8803	9153	9053	9003	2.00	cps

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 15:02:33	DataFile Name :	015LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2150	1942	2159	2084	5.89	cps
Uranium	238-1	6018	5651	5660	5777	3.63	cps
Vanadium	51-2	2417	2677	2647	2580	5.51	cps
Ytterbium	172-1	67	42	8	39	75.26	cps
Ytterbium	172-2	6	6	22	11	86.55	cps
Ytterbium	176-1	442	467	342	417	15.88	cps
Ytterbium	176-2	3145	3434	3617	3399	7.01	cps
Yttrium	89-1	3606666	3559365	3640942	3602324	1.14	cps
Yttrium	89-2	441902	436705	435760	438122	0.75	cps
Zinc	66-2	333	300	320	318	5.28	cps
Zirconium	90-1	4034	3834	3684	3851	4.56	cps
Zirconium	91-1	842	967	733	847	13.78	cps

LB Number : LB124288 Operator : Jaswal
 Lab Sample ID : ICB31 Instrumnet Name : P8
 Client Sample ID : ICB31 Dilution Factor : 1
 Date & Time Acquired : 2023-02-24 15:05:48 DataFile Name : 016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	46	71	64	60	21.24	cps
Antimony	121-1	58	100	100	86	27.94	cps
Arsenic	75-2	3	4	3	3	17.32	cps
Barium	135-1	17	8	17	14	34.67	cps
Barium	137-1	42	42	8	31	62.99	cps
Beryllium	9-1	120	86	117	108	17.43	cps
Bismuth	209-1	1832156	1817386	1762571	1804037	2.03	cps
Bismuth	209-2	1014175	1012308	1007685	1011389	0.33	cps
Boron	10-1	1896	1700	1770	1788	5.55	cps
Boron	11-1	7901	7316	7288	7502	4.61	cps
Bromine	81-1	28238	27797	28659	28231	1.53	cps
Cadmium	111-1	761	830	902	831	8.50	cps
Cadmium	106-1	1083	1175	1275	1178	8.14	cps
Cadmium	108-1	8	13	4	8	49.98	cps
Calcium	43-1	95	95	80	90	9.62	cps
Calcium	44-1	6957	6823	6694	6825	1.92	cps
Carbon	12-1	3057887	3133145	3139441	3110158	1.46	cps
Carbon	12-2	35903	35477	36563	35981	1.52	cps
Chlorine	35-1	168867	164418	166102	166462	1.35	cps
Chlorine	35-2	1192	1083	1150	1142	4.79	cps
Chromium	52-2	230	373	320	308	23.54	cps
Cobalt	59-2	47	60	50	52	13.28	cps
Copper	63-2	293	283	260	279	6.13	cps
Dysprosium	156-1	58	25	0	28	105.36	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Erbium	164-1	42	58	33	44	28.64	cps
Erbium	164-2	10	13	10	11	17.30	cps
Gadolinium	160-1	17	17	42	25	57.73	cps
Gadolinium	160-2	30	50	27	36	35.49	cps
Holmium	165-1	2883233	2912355	2946866	2914151	1.09	cps
Holmium	165-2	1422724	1404963	1414791	1414160	0.63	cps
Indium	115-1	2514290	2468561	2538290	2507047	1.41	cps
Indium	115-2	433844	431471	432238	432517	0.28	cps
Iron	54-2	494	483	439	472	6.23	cps
Iron	56-2	2522	2484	2206	2404	7.19	cps
Iron	57-2	278	183	261	241	20.94	cps

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	ICB31	Instrumnet Name :	P8
Client Sample ID :	ICB31	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 15:05:48	DataFile Name :	016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	270	245	266	260	5.18	cps
Lead	206-1	300	272	317	296	7.58	cps
Lead	207-1	344	272	222	280	21.98	cps
Lead	208-1	1194	1200	1306	1233	5.08	cps
Lithium	6-1	2537093	2567068	2515078	2539746	1.03	cps
Magnesium	24-2	833	942	767	847	10.43	cps
Manganese	55-2	93	87	60	80	22.05	cps
Molybdenum	94-1	75	83	92	83	10.00	cps
Molybdenum	95-1	42	67	108	72	46.63	cps
Molybdenum	96-1	142	108	100	117	18.90	cps
Molybdenum	97-1	50	42	33	42	20.00	cps
Molybdenum	98-1	83	17	58	53	63.81	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	37	37	20	31	30.93	cps
Phosphorus	31-2	75	83	92	83	10.00	cps
Potassium	39-2	25390	26333	26458	26060	2.24	cps
Rhodium	103-1	2398754	2526506	2516698	2480653	2.87	cps
Rhodium	103-2	1147988	1140332	1158090	1148803	0.78	cps
Scandium	45-1	2027707	2061124	2120771	2069867	2.28	cps
Scandium	45-2	72023	71069	72117	71736	0.81	cps
Selenium	82-1	-6	-11	-24	-14	-65.56	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	57	38	45	47	20.60	cps
Silicon	28-1	1176972	1178052	1214791	1189938	1.81	cps
Silver	107-1	75	58	42	58	28.57	cps
Silver	109-1	8	58	8	25	115.49	cps
Sodium	23-2	13915	13740	14216	13957	1.72	cps
Strontium	86-1	492	425	433	450	8.07	cps
Strontium	88-1	483	358	333	392	20.52	cps
Sulfur	34-1	324844	329210	323469	325841	0.92	cps
Terbium	159-1	3133617	3019872	2969264	3040917	2.77	cps
Terbium	159-2	1405973	1416524	1396864	1406454	0.70	cps
Thallium	203-1	133	150	133	139	6.93	cps
Thallium	205-1	367	258	183	269	34.21	cps
Tin	118-1	183	267	142	197	32.27	cps

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	ICB31	Instrumnet Name :	P8
Client Sample ID :	ICB31	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 15:05:48	DataFile Name :	016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	125	150	217	164	28.92	cps
Uranium	238-1	25	8	25	19	49.50	cps
Vanadium	51-2	13	3	7	8	65.47	cps
Ytterbium	172-1	17	8	8	11	43.34	cps
Ytterbium	172-2	17	0	11	9	91.66	cps
Ytterbium	176-1	367	317	425	369	14.68	cps
Ytterbium	176-2	3217	3423	3462	3367	3.90	cps
Yttrium	89-1	3610367	3694904	3655185	3653485	1.16	cps
Yttrium	89-2	434131	433021	427924	431692	0.77	cps
Zinc	66-2	83	70	67	73	12.02	cps
Zirconium	90-1	167	142	192	167	15.00	cps
Zirconium	91-1	8	17	42	22	78.07	cps

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	ICSA31	Instrumnet Name :	P8
Client Sample ID :	ICSA31	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 15:09:02	DataFile Name :	017ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2689618	2705690	2650442	2681916	1.06	cps
Antimony	121-1	2517	2675	2759	2650	4.63	cps
Arsenic	75-2	33	30	27	30	10.00	cps
Barium	135-1	700	758	725	728	4.02	cps
Barium	137-1	1133	1100	1342	1192	10.99	cps
Beryllium	9-1	522	539	584	548	5.79	cps
Bismuth	209-1	1742785	1772890	1916999	1810891	5.14	cps
Bismuth	209-2	988171	991137	970881	983396	1.11	cps
Boron	10-1	1690	1636	1684	1670	1.77	cps
Boron	11-1	7132	7134	6968	7078	1.35	cps
Bromine	81-1	29230	28729	28087	28682	2.00	cps
Cadmium	111-1	1165	1396	1328	1296	9.14	cps
Cadmium	106-1	1225	1317	1358	1300	5.25	cps
Cadmium	108-1	567	413	467	482	16.23	cps
Calcium	43-1	896086	895957	889239	893761	0.44	cps
Calcium	44-1	14349154	14271873	14187358	14269462	0.57	cps
Carbon	12-1	15172211	15355355	14761015	15096193	2.02	cps
Carbon	12-2	166923	167353	164993	166423	0.76	cps
Chlorine	35-1	9458570	10634854	11523392	10538939	9.83	cps
Chlorine	35-2	100935	106146	109353	105478	4.03	cps
Chromium	52-2	14231	13723	14371	14108	2.41	cps
Cobalt	59-2	1530	1477	1497	1501	1.79	cps
Copper	63-2	7679	7732	7979	7797	2.05	cps
Dysprosium	156-1	17	42	25	28	45.82	cps
Dysprosium	156-2	10	7	7	8	24.71	cps
Erbium	164-1	42	42	25	36	26.65	cps
Erbium	164-2	10	10	0	7	86.60	cps
Gadolinium	160-1	8	42	17	22	78.07	cps
Gadolinium	160-2	37	47	47	43	13.32	cps
Holmium	165-1	2963507	2896944	3257814	3039422	6.32	cps
Holmium	165-2	1459294	1474249	1440535	1458026	1.16	cps
Indium	115-1	2423190	2527342	2685023	2545185	5.18	cps
Indium	115-2	432073	431803	427490	430455	0.60	cps
Iron	54-2	3344103	3273846	3343223	3320391	1.21	cps
Iron	56-2	58681569	58803779	58074196	58519848	0.67	cps
Iron	57-2	1475095	1499679	1500201	1491658	0.96	cps

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	ICSA31	Instrumnet Name :	P8
Client Sample ID :	ICSA31	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 15:09:02	DataFile Name :	017ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	259	211	272	247	12.98	cps
Lead	206-1	8497	8325	8064	8295	2.63	cps
Lead	207-1	7269	6719	6813	6933	4.24	cps
Lead	208-1	33017	31727	31148	31964	2.99	cps
Lithium	6-1	2455148	2453990	2593371	2500836	3.20	cps
Magnesium	24-2	7136070	7008624	6753568	6966087	2.80	cps
Manganese	55-2	3407	2967	3080	3151	7.25	cps
Molybdenum	94-1	1347414	1364341	1327103	1346286	1.38	cps
Molybdenum	95-1	2383209	2412853	2370595	2388886	0.91	cps
Molybdenum	96-1	2544897	2602473	2516320	2554563	1.72	cps
Molybdenum	97-1	1480344	1466550	1428670	1458522	1.83	cps
Molybdenum	98-1	3773813	3815739	3797659	3795737	0.55	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	1907	1857	1867	1877	1.41	cps
Phosphorus	31-2	179080	179206	175605	177963	1.15	cps
Potassium	39-2	4719123	4639145	4512352	4623540	2.26	cps
Rhodium	103-1	2400602	2401817	2636029	2479483	5.47	cps
Rhodium	103-2	1135869	1132170	1103406	1123815	1.58	cps
Scandium	45-1	2064394	2066092	2290074	2140186	6.07	cps
Scandium	45-2	71765	71511	70891	71389	0.63	cps
Selenium	82-1	51	51	-3	33	93.10	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	48	54	40	47	14.85	cps
Silicon	28-1	1322277	1317644	1337975	1325965	0.80	cps
Silver	107-1	125	117	58	100	36.33	cps
Silver	109-1	83	75	108	89	19.52	cps
Sodium	23-2	13398527	13316040	12813097	13175888	2.41	cps
Strontium	86-1	26100	26117	26058	26092	0.12	cps
Strontium	88-1	224730	221898	220537	222388	0.96	cps
Sulfur	34-1	2006057	2061204	1978403	2015221	2.09	cps
Terbium	159-1	3115303	2960071	3299529	3124967	5.44	cps
Terbium	159-2	1422964	1412336	1417308	1417536	0.38	cps
Thallium	203-1	358	400	342	367	8.19	cps
Thallium	205-1	692	792	858	781	10.75	cps
Tin	118-1	408	492	542	481	14.02	cps

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	ICSA31	Instrumnet Name :	P8
Client Sample ID :	ICSA31	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 15:09:02	DataFile Name :	017ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	872928	865070	863159	867052	0.60	cps
Uranium	238-1	150	167	125	147	14.25	cps
Vanadium	51-2	130	93	103	109	17.41	cps
Ytterbium	172-1	42	25	42	36	26.65	cps
Ytterbium	172-2	11	17	0	9	91.66	cps
Ytterbium	176-1	475	292	358	375	24.75	cps
Ytterbium	176-2	2995	3451	2995	3147	8.36	cps
Yttrium	89-1	3572308	3602801	3937333	3704148	5.47	cps
Yttrium	89-2	439831	431799	425455	432362	1.67	cps
Zinc	66-2	1390	1290	1390	1357	4.26	cps
Zirconium	90-1	167	192	242	200	19.09	cps
Zirconium	91-1	58	58	42	53	18.23	cps

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	ICSAB31	Instrumnet Name :	P8
Client Sample ID :	ICSAB31	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 15:15:49	DataFile Name :	019ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2601824	2578302	2500648	2560258	2.07	cps
Antimony	121-1	47349	46153	44967	46156	2.58	cps
Arsenic	75-2	1564	1544	1599	1569	1.77	cps
Barium	135-1	9971	10371	10279	10207	2.05	cps
Barium	137-1	18396	18313	17954	18221	1.29	cps
Beryllium	9-1	31889	31741	31133	31588	1.27	cps
Bismuth	209-1	1764379	1798952	1779281	1780871	0.97	cps
Bismuth	209-2	967502	970270	986108	974627	1.03	cps
Boron	10-1	1392	1266	1188	1282	8.03	cps
Boron	11-1	5396	5406	5380	5394	0.24	cps
Bromine	81-1	30013	29572	29552	29712	0.88	cps
Cadmium	111-1	12878	13351	12632	12954	2.82	cps
Cadmium	106-1	2092	2092	1992	2059	2.80	cps
Cadmium	108-1	1179	1117	1288	1195	7.24	cps
Calcium	43-1	862300	874495	851273	862689	1.35	cps
Calcium	44-1	13631615	13735718	13546057	13637797	0.70	cps
Carbon	12-1	14979965	14953903	14743576	14892482	0.87	cps
Carbon	12-2	163089	164017	159129	162078	1.60	cps
Chlorine	35-1	13122299	14459857	15207182	14263113	7.41	cps
Chlorine	35-2	127072	129333	130586	128997	1.38	cps
Chromium	52-2	28028	27340	27179	27515	1.64	cps
Cobalt	59-2	25763	25363	24451	25192	2.67	cps
Copper	63-2	26281	25329	24832	25481	2.89	cps
Dysprosium	156-1	42	58	8	36	70.51	cps
Dysprosium	156-2	0	10	0	3	173.21	cps
Erbium	164-1	33	42	8	28	62.46	cps
Erbium	164-2	3	17	13	11	62.48	cps
Gadolinium	160-1	8	25	33	22	57.29	cps
Gadolinium	160-2	40	53	47	47	14.28	cps
Holmium	165-1	2916660	2979008	3004657	2966775	1.53	cps
Holmium	165-2	1445344	1434771	1456611	1445576	0.76	cps
Indium	115-1	2482165	2521937	2503699	2502601	0.80	cps
Indium	115-2	425755	424965	434629	428450	1.25	cps
Iron	54-2	3190318	3166355	3246233	3200969	1.28	cps
Iron	56-2	57086350	55637612	55385012	56036325	1.64	cps
Iron	57-2	1464349	1400837	1344147	1403111	4.29	cps

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	ICSAB31	Instrumnet Name :	P8
Client Sample ID :	ICSAB31	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 15:15:49	DataFile Name :	019ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	256	270	226	251	8.92	cps
Lead	206-1	48168	48937	46199	47768	2.96	cps
Lead	207-1	40475	40764	39979	40406	0.98	cps
Lead	208-1	187003	188628	181628	185753	1.97	cps
Lithium	6-1	2498948	2524729	2489819	2504499	0.72	cps
Magnesium	24-2	6836344	6714358	6652041	6734248	1.39	cps
Manganese	55-2	10384	10310	10087	10260	1.51	cps
Molybdenum	94-1	1331125	1314411	1320094	1321877	0.64	cps
Molybdenum	95-1	2324760	2281568	2291660	2299329	0.98	cps
Molybdenum	96-1	2516514	2498273	2523124	2512637	0.51	cps
Molybdenum	97-1	1433829	1444712	1439493	1439345	0.38	cps
Molybdenum	98-1	3694688	3667674	3627551	3663304	0.92	cps
Neodymium	150-1	27	13	33	24	41.66	cps
Neodymium	150-2	0	7	3	3	100.05	cps
Nickel	60-2	8403	8152	7962	8172	2.70	cps
Phosphorus	31-2	175436	172931	169559	172642	1.71	cps
Potassium	39-2	4532900	4419461	4377840	4443401	1.81	cps
Rhodium	103-1	2408048	2395656	2464940	2422881	1.52	cps
Rhodium	103-2	1118187	1102660	1134092	1118313	1.41	cps
Scandium	45-1	2030781	2042584	2113684	2062349	2.17	cps
Scandium	45-2	72880	69363	71799	71347	2.52	cps
Selenium	82-1	1215	1126	1109	1150	4.95	cps
Selenium	77-2	50	57	30	46	30.47	cps
Selenium	78-2	158	199	166	174	12.47	cps
Silicon	28-1	1386188	1350528	1372136	1369617	1.31	cps
Silver	107-1	57228	57639	56810	57226	0.72	cps
Silver	109-1	54986	55052	52024	54021	3.20	cps
Sodium	23-2	12832865	12760352	12572234	12721817	1.06	cps
Strontium	86-1	25883	25607	25474	25655	0.81	cps
Strontium	88-1	219443	216971	215006	217140	1.02	cps
Sulfur	34-1	1926577	1965090	1933982	1941883	1.05	cps
Terbium	159-1	3075411	3128485	3079781	3094559	0.95	cps
Terbium	159-2	1420020	1433002	1424826	1425949	0.46	cps
Thallium	203-1	49562	49755	47973	49097	1.99	cps
Thallium	205-1	116121	116901	114027	115683	1.28	cps
Tin	118-1	525	492	625	547	12.68	cps

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	ICSAB31	Instrumnet Name :	P8
Client Sample ID :	ICSAB31	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 15:15:49	DataFile Name :	019ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	836587	838684	816248	830506	1.49	cps
Uranium	238-1	175	183	217	192	11.50	cps
Vanadium	51-2	11441	11148	11208	11266	1.38	cps
Ytterbium	172-1	25	25	50	33	43.30	cps
Ytterbium	172-2	11	6	17	11	49.99	cps
Ytterbium	176-1	342	342	408	364	10.58	cps
Ytterbium	176-2	3173	3184	3195	3184	0.35	cps
Yttrium	89-1	3551717	3555072	3718670	3608486	2.64	cps
Yttrium	89-2	433164	434153	443414	436910	1.29	cps
Zinc	66-2	3781	3524	3714	3673	3.63	cps
Zirconium	90-1	317	208	283	269	20.59	cps
Zirconium	91-1	75	58	92	75	22.22	cps

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	CCV36	Instrumnet Name :	P8
Client Sample ID :	CCV36	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 15:18:56	DataFile Name :	020CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1413406	1343346	1371870	1376207	2.56	cps
Antimony	121-1	1043347	1055324	1049393	1049355	0.57	cps
Arsenic	75-2	38514	37949	37152	37872	1.81	cps
Barium	135-1	1196768	1199781	1200897	1199149	0.18	cps
Barium	137-1	2018483	2079701	2061501	2053228	1.53	cps
Beryllium	9-1	749273	743850	740052	744392	0.62	cps
Bismuth	209-1	1736190	1749526	1743872	1743196	0.38	cps
Bismuth	209-2	963546	967810	963195	964850	0.27	cps
Boron	10-1	356320	362098	373167	363862	2.35	cps
Boron	11-1	1363009	1454612	1440255	1419292	3.47	cps
Bromine	81-1	30174	28077	27094	28448	5.53	cps
Cadmium	111-1	287343	291547	287569	288820	0.82	cps
Cadmium	106-1	35430	34302	34160	34630	2.01	cps
Cadmium	108-1	23236	22911	22168	22772	2.40	cps
Calcium	43-1	2178705	2200759	2143942	2174469	1.32	cps
Calcium	44-1	33503820	34046644	34214646	33921703	1.10	cps
Carbon	12-1	3764780	3758354	3813984	3779039	0.81	cps
Carbon	12-2	44710	44986	45270	44989	0.62	cps
Chlorine	35-1	2995713	2886979	2748050	2876914	4.31	cps
Chlorine	35-2	19789	18546	17845	18726	5.26	cps
Chromium	52-2	344850	335099	331053	337001	2.10	cps
Cobalt	59-2	599183	584205	581303	588230	1.63	cps
Copper	63-2	4829019	4751072	4552052	4710714	3.03	cps
Dysprosium	156-1	217	217	325	253	24.74	cps
Dysprosium	156-2	160	140	113	138	16.99	cps
Erbium	164-1	25	75	83	61	51.63	cps
Erbium	164-2	30	43	17	30	44.43	cps
Gadolinium	160-1	225	258	283	256	11.45	cps
Gadolinium	160-2	160	180	160	167	6.93	cps
Holmium	165-1	2927042	2894394	2919355	2913597	0.59	cps
Holmium	165-2	1456725	1435171	1458068	1449988	0.89	cps
Indium	115-1	2452427	2547893	2449220	2483180	2.26	cps
Indium	115-2	420799	420310	417124	419411	0.48	cps
Iron	54-2	4166927	4046966	3883864	4032586	3.52	cps
Iron	56-2	73566927	70853279	70743024	71721077	2.23	cps
Iron	57-2	1843362	1814276	1773238	1810292	1.95	cps

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	CCV36	Instrumnet Name :	P8
Client Sample ID :	CCV36	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 15:18:56	DataFile Name :	020CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	292	237	240	257	12.10	cps
Lead	206-1	4109220	4197767	4093800	4133596	1.36	cps
Lead	207-1	3603428	3699233	3537725	3613462	2.25	cps
Lead	208-1	16399505	16707754	16219988	16442415	1.50	cps
Lithium	6-1	2456849	2520149	2518365	2498454	1.44	cps
Magnesium	24-2	17886647	17750716	17480171	17705845	1.17	cps
Manganese	55-2	1932686	1839327	1788308	1853440	3.95	cps
Molybdenum	94-1	4043679	4030520	4076081	4050093	0.58	cps
Molybdenum	95-1	5836066	5863938	5748715	5816240	1.03	cps
Molybdenum	96-1	6530758	6598313	6358436	6495835	1.90	cps
Molybdenum	97-1	3617619	3632232	3632184	3627345	0.23	cps
Molybdenum	98-1	9444044	9299098	9246044	9329729	1.10	cps
Neodymium	150-1	107	160	160	142	21.65	cps
Neodymium	150-2	27	7	10	14	74.18	cps
Nickel	60-2	162009	157007	156687	158568	1.88	cps
Phosphorus	31-2	17536	16685	17202	17141	2.50	cps
Potassium	39-2	5865676	5613340	5530638	5669885	3.08	cps
Rhodium	103-1	2364865	2334844	2324266	2341325	0.90	cps
Rhodium	103-2	1117934	1086634	1104110	1102893	1.42	cps
Scandium	45-1	2117950	2112659	2092786	2107798	0.63	cps
Scandium	45-2	70998	71410	70556	70988	0.60	cps
Selenium	82-1	28320	28032	27848	28067	0.85	cps
Selenium	77-2	903	843	970	906	7.00	cps
Selenium	78-2	3217	3075	3079	3123	2.59	cps
Silicon	28-1	25945344	25530425	25734828	25736866	0.81	cps
Silver	107-1	1408783	1421337	1396517	1408879	0.88	cps
Silver	109-1	1366193	1369057	1342904	1359385	1.06	cps
Sodium	23-2	32165530	31532586	31563338	31753818	1.12	cps
Strontium	86-1	9141330	9244111	9237143	9207528	0.62	cps
Strontium	88-1	80199666	78616758	79435729	79417384	1.00	cps
Sulfur	34-1	531806	524372	517144	524441	1.40	cps
Terbium	159-1	3060253	3021014	3007179	3029482	0.91	cps
Terbium	159-2	1442160	1419820	1431232	1431071	0.78	cps
Thallium	203-1	919973	928062	933209	927082	0.72	cps
Thallium	205-1	2237795	2317392	2242365	2265851	1.97	cps
Tin	118-1	904023	907857	888125	900002	1.16	cps

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	CCV36	Instrumnet Name :	P8
Client Sample ID :	CCV36	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 15:18:56	DataFile Name :	020CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2097424	2098592	2053738	2083251	1.23	cps
Uranium	238-1	3135513	3117367	3090691	3114523	0.72	cps
Vanadium	51-2	284065	282699	274637	280467	1.82	cps
Ytterbium	172-1	158	158	75	131	36.85	cps
Ytterbium	172-2	78	50	61	63	22.21	cps
Ytterbium	176-1	4893	4501	5034	4809	5.75	cps
Ytterbium	176-2	5512	5379	5412	5435	1.28	cps
Yttrium	89-1	3642603	3610186	3603015	3618601	0.58	cps
Yttrium	89-2	442838	435880	433343	437354	1.12	cps
Zinc	66-2	574291	558726	551456	561491	2.08	cps
Zirconium	90-1	2157145	2110648	2074885	2114226	1.95	cps
Zirconium	91-1	477593	472753	471239	473862	0.70	cps

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	CCB36	Instrumnet Name :	P8
Client Sample ID :	CCB36	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 15:25:09	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	151	131	126	136	9.71	cps
Antimony	121-1	208	292	317	272	20.84	cps
Arsenic	75-2	4	2	7	4	58.08	cps
Barium	135-1	83	17	50	50	66.67	cps
Barium	137-1	92	75	108	92	18.18	cps
Beryllium	9-1	185	200	177	187	6.11	cps
Bismuth	209-1	1816339	2082377	1872213	1923643	7.29	cps
Bismuth	209-2	1072413	996023	1023232	1030556	3.76	cps
Boron	10-1	6372	6170	5976	6173	3.21	cps
Boron	11-1	26292	25595	24638	25508	3.26	cps
Bromine	81-1	29090	27145	29823	28686	4.83	cps
Cadmium	111-1	818	927	744	830	11.10	cps
Cadmium	106-1	1133	1292	1050	1158	10.60	cps
Cadmium	108-1	25	21	17	21	19.99	cps
Calcium	43-1	224	176	174	191	14.73	cps
Calcium	44-1	8694	8359	8123	8392	3.42	cps
Carbon	12-1	3061132	3107294	3093499	3087309	0.77	cps
Carbon	12-2	37315	36295	35869	36493	2.04	cps
Chlorine	35-1	1142572	1107272	1093489	1114444	2.27	cps
Chlorine	35-2	8328	7811	7561	7900	4.95	cps
Chromium	52-2	307	227	277	270	14.97	cps
Cobalt	59-2	80	57	63	67	18.03	cps
Copper	63-2	710	700	617	676	7.59	cps
Dysprosium	156-1	0	33	17	17	99.99	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	0	17	25	14	91.65	cps
Erbium	164-2	7	13	13	11	34.61	cps
Gadolinium	160-1	25	25	33	28	17.31	cps
Gadolinium	160-2	53	37	47	46	18.41	cps
Holmium	165-1	2922629	3315532	2923045	3053735	7.42	cps
Holmium	165-2	1588610	1408935	1473953	1490499	6.10	cps
Indium	115-1	2456719	2763658	2541747	2587375	6.12	cps
Indium	115-2	462065	427215	435593	441624	4.12	cps
Iron	54-2	694	600	494	596	16.78	cps
Iron	56-2	4734	4812	4723	4756	1.02	cps
Iron	57-2	256	256	289	267	7.22	cps

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	CCB36	Instrumnet Name :	P8
Client Sample ID :	CCB36	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 15:25:09	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	262	286	235	261	9.82	cps
Lead	206-1	572	561	450	528	12.81	cps
Lead	207-1	456	350	439	415	13.68	cps
Lead	208-1	1978	1900	1756	1878	6.01	cps
Lithium	6-1	2501640	2718760	2549279	2589893	4.41	cps
Magnesium	24-2	1142	1275	1325	1247	7.60	cps
Manganese	55-2	120	107	133	120	11.11	cps
Molybdenum	94-1	350	250	308	303	16.59	cps
Molybdenum	95-1	433	442	350	408	12.41	cps
Molybdenum	96-1	508	417	392	439	14.00	cps
Molybdenum	97-1	325	283	158	256	33.94	cps
Molybdenum	98-1	542	383	625	517	23.76	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	30	30	27	29	6.65	cps
Phosphorus	31-2	83	100	42	75	40.06	cps
Potassium	39-2	26926	26817	26158	26633	1.56	cps
Rhodium	103-1	2439934	2732521	2507096	2559851	5.99	cps
Rhodium	103-2	1244229	1153482	1161799	1186503	4.23	cps
Scandium	45-1	2061896	2387318	2080758	2176657	8.39	cps
Scandium	45-2	77056	71992	71058	73369	4.40	cps
Selenium	82-1	-4	-4	56	16	213.18	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	50	37	40	42	16.09	cps
Silicon	28-1	1242988	1241111	1240026	1241375	0.12	cps
Silver	107-1	175	117	142	144	20.26	cps
Silver	109-1	183	117	133	144	24.02	cps
Sodium	23-2	17027	17252	17536	17272	1.48	cps
Strontium	86-1	758	725	767	750	2.94	cps
Strontium	88-1	3417	2659	2742	2939	14.15	cps
Sulfur	34-1	314937	314426	315627	314996	0.19	cps
Terbium	159-1	2999854	3462540	2904930	3122441	9.55	cps
Terbium	159-2	1501142	1398395	1412594	1437377	3.87	cps
Thallium	203-1	300	183	192	225	28.93	cps
Thallium	205-1	542	550	425	506	13.82	cps
Tin	118-1	242	267	200	236	14.26	cps

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	CCB36	Instrumnet Name :	P8
Client Sample ID :	CCB36	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 15:25:09	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	283	200	258	247	17.30	cps
Uranium	238-1	83	92	117	97	17.84	cps
Vanadium	51-2	7	0	17	8	107.84	cps
Ytterbium	172-1	8	42	17	22	78.07	cps
Ytterbium	172-2	6	6	6	6	0.00	cps
Ytterbium	176-1	333	525	300	386	31.45	cps
Ytterbium	176-2	3095	3006	3089	3063	1.63	cps
Yttrium	89-1	3519908	4112231	3595515	3742551	8.61	cps
Yttrium	89-2	470037	428027	433494	443852	5.15	cps
Zinc	66-2	90	57	103	83	28.84	cps
Zirconium	90-1	242	317	225	261	18.70	cps
Zirconium	91-1	33	25	25	28	17.31	cps

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 15:28:22	DataFile Name :	022LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	594	569	585	582	2.18	cps
Antimony	121-1	4067	4543	3976	4195	7.25	cps
Arsenic	75-2	100	78	83	87	13.25	cps
Barium	135-1	4259	4092	4701	4351	7.23	cps
Barium	137-1	6652	7644	7436	7244	7.22	cps
Beryllium	9-1	1864	1757	1829	1817	2.98	cps
Bismuth	209-1	1882729	1914913	1866343	1887995	1.31	cps
Bismuth	209-2	1012644	1021448	998007	1010700	1.17	cps
Boron	10-1	8743	8669	8411	8607	2.03	cps
Boron	11-1	36532	36359	36859	36583	0.69	cps
Bromine	81-1	27696	29461	28509	28555	3.09	cps
Cadmium	111-1	1305	1476	1481	1420	7.04	cps
Cadmium	106-1	1150	1342	1150	1214	9.12	cps
Cadmium	108-1	42	67	71	60	26.41	cps
Calcium	43-1	4216	4325	4191	4244	1.68	cps
Calcium	44-1	73042	72817	72507	72789	0.37	cps
Carbon	12-1	3051802	3017817	3036762	3035461	0.56	cps
Carbon	12-2	33104	34140	34416	33887	2.04	cps
Chlorine	35-1	835242	822084	805772	821033	1.80	cps
Chlorine	35-2	5768	5935	5793	5832	1.54	cps
Chromium	52-2	1453	1613	1523	1530	5.24	cps
Cobalt	59-2	1237	1147	1127	1170	5.01	cps
Copper	63-2	2307	2257	2244	2269	1.47	cps
Dysprosium	156-1	17	25	25	22	21.64	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	8	17	17	14	34.67	cps
Erbium	164-2	13	10	20	14	35.26	cps
Gadolinium	160-1	17	33	50	33	50.00	cps
Gadolinium	160-2	60	43	53	52	16.07	cps
Holmium	165-1	2929918	2995523	2962820	2962753	1.11	cps
Holmium	165-2	1443030	1434681	1422392	1433368	0.72	cps
Indium	115-1	2553302	2515353	2499629	2522761	1.09	cps
Indium	115-2	429516	430941	429885	430114	0.17	cps
Iron	54-2	1911	2122	1761	1932	9.39	cps
Iron	56-2	30661	29904	30923	30496	1.73	cps
Iron	57-2	967	1017	850	944	9.06	cps

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 15:28:22	DataFile Name :	022LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	266	257	235	253	6.37	cps
Lead	206-1	1950	1989	1767	1902	6.24	cps
Lead	207-1	1539	1411	1678	1543	8.65	cps
Lead	208-1	7451	7418	7301	7390	1.07	cps
Lithium	6-1	2548288	2552409	2568675	2556457	0.42	cps
Magnesium	24-2	36254	35452	34742	35483	2.13	cps
Manganese	55-2	493	397	400	430	12.76	cps
Molybdenum	94-1	4851	4509	4534	4631	4.11	cps
Molybdenum	95-1	5968	5826	6343	6046	4.42	cps
Molybdenum	96-1	6869	6252	6610	6577	4.71	cps
Molybdenum	97-1	3851	3651	3534	3678	4.36	cps
Molybdenum	98-1	9962	10271	8878	9704	7.54	cps
Neodymium	150-1	20	0	20	13	86.60	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	400	380	400	393	2.94	cps
Phosphorus	31-2	133	108	42	94	50.17	cps
Potassium	39-2	47044	46726	46542	46771	0.54	cps
Rhodium	103-1	2532085	2491281	2476014	2499794	1.16	cps
Rhodium	103-2	1150973	1144338	1152856	1149389	0.39	cps
Scandium	45-1	2101080	2035370	2072113	2069521	1.59	cps
Scandium	45-2	70669	71192	71386	71083	0.52	cps
Selenium	82-1	285	267	327	293	10.52	cps
Selenium	77-2	10	13	13	12	15.73	cps
Selenium	78-2	66	74	78	73	8.41	cps
Silicon	28-1	1232763	1240488	1249729	1240993	0.68	cps
Silver	107-1	2900	3125	3017	3014	3.73	cps
Silver	109-1	2867	3050	3025	2981	3.34	cps
Sodium	23-2	78168	76082	76602	76951	1.41	cps
Strontium	86-1	1333	1225	1083	1214	10.33	cps
Strontium	88-1	7327	6818	6543	6896	5.77	cps
Sulfur	34-1	315806	321262	318393	318487	0.86	cps
Terbium	159-1	3157026	2962319	3117442	3078929	3.34	cps
Terbium	159-2	1387237	1413748	1426842	1409276	1.43	cps
Thallium	203-1	1925	1967	1859	1917	2.85	cps
Thallium	205-1	4559	4259	4893	4570	6.93	cps
Tin	118-1	8511	9203	8586	8767	4.33	cps

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 15:28:22	DataFile Name :	022LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2075	2042	2184	2100	3.53	cps
Uranium	238-1	5485	5701	5827	5671	3.05	cps
Vanadium	51-2	2547	2657	2710	2638	3.16	cps
Ytterbium	172-1	42	0	0	14	173.21	cps
Ytterbium	172-2	6	17	11	11	49.99	cps
Ytterbium	176-1	483	317	367	389	21.99	cps
Ytterbium	176-2	2989	3250	3323	3187	5.50	cps
Yttrium	89-1	3696204	3621370	3538526	3618700	2.18	cps
Yttrium	89-2	431438	431519	435297	432751	0.51	cps
Zinc	66-2	387	337	327	350	9.19	cps
Zirconium	90-1	4159	3801	3684	3881	6.38	cps
Zirconium	91-1	925	892	808	875	6.87	cps

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P8
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 15:31:37	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	616	606	544	589	6.67	cps
Antimony	121-1	4267	4593	4367	4409	3.78	cps
Arsenic	75-2	86	86	81	84	3.42	cps
Barium	135-1	4392	4401	4251	4348	1.94	cps
Barium	137-1	6952	7552	7352	7285	4.20	cps
Beryllium	9-1	1790	1731	1717	1746	2.21	cps
Bismuth	209-1	1866912	1843545	1807134	1839197	1.64	cps
Bismuth	209-2	1024078	1014192	1015948	1018073	0.52	cps
Boron	10-1	7765	7871	8005	7880	1.53	cps
Boron	11-1	32824	33431	33588	33281	1.21	cps
Bromine	81-1	28258	28809	28690	28586	1.01	cps
Cadmium	111-1	1475	1391	1349	1405	4.58	cps
Cadmium	106-1	1367	1125	1050	1181	14.02	cps
Cadmium	108-1	75	67	46	63	24.04	cps
Calcium	43-1	4299	4258	4099	4218	2.50	cps
Calcium	44-1	72787	72825	72148	72587	0.52	cps
Carbon	12-1	2936523	2971916	2983735	2964058	0.83	cps
Carbon	12-2	34783	34290	34290	34455	0.83	cps
Chlorine	35-1	666084	659200	648484	657922	1.35	cps
Chlorine	35-2	5209	4726	4926	4954	4.90	cps
Chromium	52-2	1583	1663	1513	1587	4.73	cps
Cobalt	59-2	1250	1190	1183	1208	3.04	cps
Copper	63-2	2390	2334	2317	2347	1.64	cps
Dysprosium	156-1	0	17	17	11	86.60	cps
Dysprosium	156-2	0	10	0	3	173.21	cps
Erbium	164-1	25	33	25	28	17.31	cps
Erbium	164-2	10	13	7	10	33.30	cps
Gadolinium	160-1	8	17	17	14	34.67	cps
Gadolinium	160-2	63	47	53	54	15.40	cps
Holmium	165-1	2919807	2921833	2929393	2923678	0.17	cps
Holmium	165-2	1437968	1451294	1475414	1454892	1.30	cps
Indium	115-1	2490803	2587774	2559646	2546074	1.96	cps
Indium	115-2	437401	437479	434317	436399	0.41	cps
Iron	54-2	2172	2089	2022	2095	3.59	cps
Iron	56-2	30215	29843	30004	30021	0.62	cps
Iron	57-2	961	833	883	893	7.21	cps

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P8
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 15:31:37	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	212	226	300	246	19.11	cps
Lead	206-1	1761	1706	1650	1706	3.26	cps
Lead	207-1	1661	1483	1600	1582	5.71	cps
Lead	208-1	7362	6495	6973	6943	6.25	cps
Lithium	6-1	2500711	2530697	2600695	2544034	2.02	cps
Magnesium	24-2	35552	34709	33757	34673	2.59	cps
Manganese	55-2	493	420	353	422	16.59	cps
Molybdenum	94-1	4876	4826	4551	4751	3.68	cps
Molybdenum	95-1	5651	5960	6026	5879	3.40	cps
Molybdenum	96-1	6260	6402	6302	6321	1.15	cps
Molybdenum	97-1	3617	3542	3767	3642	3.15	cps
Molybdenum	98-1	9462	9112	9028	9201	2.50	cps
Neodymium	150-1	0	7	20	9	114.55	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	313	377	343	344	9.20	cps
Phosphorus	31-2	142	108	100	117	18.90	cps
Potassium	39-2	47144	45129	46333	46202	2.19	cps
Rhodium	103-1	2508654	2483032	2566471	2519385	1.70	cps
Rhodium	103-2	1164332	1185192	1161544	1170356	1.10	cps
Scandium	45-1	2039791	2074330	2138286	2084136	2.40	cps
Scandium	45-2	72213	74047	71316	72525	1.92	cps
Selenium	82-1	325	345	251	307	16.08	cps
Selenium	77-2	3	23	13	13	75.02	cps
Selenium	78-2	72	75	85	77	8.80	cps
Silicon	28-1	1257542	1234760	1221898	1238067	1.46	cps
Silver	107-1	3117	3000	3184	3100	2.99	cps
Silver	109-1	2834	2734	2867	2811	2.47	cps
Sodium	23-2	76409	75061	74683	75384	1.20	cps
Strontium	86-1	1183	1292	1167	1214	5.59	cps
Strontium	88-1	6969	6177	6177	6441	7.10	cps
Sulfur	34-1	319304	321315	317803	319474	0.55	cps
Terbium	159-1	2993779	3088703	3020089	3034190	1.62	cps
Terbium	159-2	1443467	1448173	1462487	1451376	0.68	cps
Thallium	203-1	2059	2100	1975	2045	3.11	cps
Thallium	205-1	4309	4359	4593	4420	3.42	cps
Tin	118-1	9328	8870	8453	8884	4.93	cps

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P8
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 15:31:37	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2117	2175	1984	2092	4.70	cps
Uranium	238-1	5593	5468	5185	5415	3.87	cps
Vanadium	51-2	2780	2417	2537	2578	7.18	cps
Ytterbium	172-1	0	8	17	8	100.02	cps
Ytterbium	172-2	0	11	28	13	107.86	cps
Ytterbium	176-1	508	417	317	414	23.16	cps
Ytterbium	176-2	3295	3184	3162	3213	2.22	cps
Yttrium	89-1	3598475	3480863	3584496	3554611	1.81	cps
Yttrium	89-2	442445	440909	436521	439958	0.70	cps
Zinc	66-2	337	333	360	343	4.23	cps
Zirconium	90-1	3592	3367	4076	3678	9.84	cps
Zirconium	91-1	817	875	775	822	6.11	cps

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	PB151043BL	Instrumnet Name :	P8
Client Sample ID :	PB151043BL	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 15:34:52	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	112	106	114	111	3.63	cps
Antimony	121-1	92	58	125	92	36.36	cps
Arsenic	75-2	5	7	2	5	53.93	cps
Barium	135-1	50	17	17	28	69.27	cps
Barium	137-1	33	17	0	17	99.99	cps
Beryllium	9-1	101	81	87	90	11.37	cps
Bismuth	209-1	1820977	1849848	1822936	1831254	0.88	cps
Bismuth	209-2	991311	994963	990734	992336	0.23	cps
Boron	10-1	2750	2664	2808	2740	2.64	cps
Boron	11-1	11826	11172	11338	11446	2.97	cps
Bromine	81-1	29200	28398	29833	29144	2.47	cps
Cadmium	111-1	795	979	847	874	10.87	cps
Cadmium	106-1	1108	1375	1217	1233	10.87	cps
Cadmium	108-1	8	0	13	7	91.66	cps
Calcium	43-1	186	154	125	155	19.77	cps
Calcium	44-1	8519	8073	7696	8096	5.09	cps
Carbon	12-1	3181373	3244666	3323520	3249853	2.19	cps
Carbon	12-2	37515	38777	37448	37914	1.97	cps
Chlorine	35-1	605020	596900	588388	596769	1.39	cps
Chlorine	35-2	4409	4384	4426	4406	0.48	cps
Chromium	52-2	270	303	297	290	6.08	cps
Cobalt	59-2	47	67	40	51	27.15	cps
Copper	63-2	493	423	410	442	10.12	cps
Dysprosium	156-1	0	17	0	6	173.21	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	42	25	0	22	94.38	cps
Erbium	164-2	0	3	17	7	132.33	cps
Gadolinium	160-1	25	8	17	17	50.01	cps
Gadolinium	160-2	57	43	33	44	26.35	cps
Holmium	165-1	2793843	2892078	3015582	2900501	3.83	cps
Holmium	165-2	1417410	1421097	1403270	1413926	0.67	cps
Indium	115-1	2539415	2512784	2515971	2522723	0.58	cps
Indium	115-2	425190	426125	432052	427789	0.87	cps
Iron	54-2	461	489	522	491	6.23	cps
Iron	56-2	2634	2545	2628	2602	1.91	cps
Iron	57-2	239	206	183	209	13.36	cps

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	PB151043BL	Instrumnet Name :	P8
Client Sample ID :	PB151043BL	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 15:34:52	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	264	287	241	264	8.76	cps
Lead	206-1	561	250	339	383	41.81	cps
Lead	207-1	511	328	239	359	38.64	cps
Lead	208-1	2122	1211	1295	1543	32.66	cps
Lithium	6-1	2462671	2606423	2525334	2531476	2.85	cps
Magnesium	24-2	808	892	825	842	5.24	cps
Manganese	55-2	90	83	70	81	12.55	cps
Molybdenum	94-1	175	125	92	131	32.13	cps
Molybdenum	95-1	175	133	142	150	14.70	cps
Molybdenum	96-1	217	158	100	158	36.84	cps
Molybdenum	97-1	158	25	33	72	103.42	cps
Molybdenum	98-1	250	100	142	164	47.25	cps
Neodymium	150-1	0	13	13	9	86.60	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	63	50	40	51	22.90	cps
Phosphorus	31-2	100	100	92	97	4.95	cps
Potassium	39-2	25949	24588	25907	25481	3.04	cps
Rhodium	103-1	2435450	2496399	2499651	2477167	1.46	cps
Rhodium	103-2	1140027	1144361	1166699	1150362	1.24	cps
Scandium	45-1	2023581	2114119	2059425	2065708	2.21	cps
Scandium	45-2	69156	71504	70747	70469	1.70	cps
Selenium	82-1	-6	-15	14	-3	-589.49	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	31	45	40	39	18.35	cps
Silicon	28-1	1259747	1234603	1250631	1248327	1.02	cps
Silver	107-1	67	83	92	81	15.80	cps
Silver	109-1	50	67	50	56	17.32	cps
Sodium	23-2	15083	14483	14624	14730	2.13	cps
Strontium	86-1	492	492	433	472	7.13	cps
Strontium	88-1	1133	450	400	661	61.98	cps
Sulfur	34-1	323708	319624	322226	321853	0.64	cps
Terbium	159-1	2903679	2986272	3027705	2972552	2.12	cps
Terbium	159-2	1395223	1376851	1397384	1389819	0.81	cps
Thallium	203-1	200	100	175	158	32.87	cps
Thallium	205-1	400	300	292	331	18.24	cps
Tin	118-1	433	500	558	497	12.58	cps

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	PB151043BL	Instrumnet Name :	P8
Client Sample ID :	PB151043BL	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 15:34:52	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	175	208	75	153	45.42	cps
Uranium	238-1	108	42	25	58	75.59	cps
Vanadium	51-2	3	7	13	8	65.47	cps
Ytterbium	172-1	8	25	8	14	69.31	cps
Ytterbium	172-2	6	0	6	4	86.60	cps
Ytterbium	176-1	383	392	275	350	18.60	cps
Ytterbium	176-2	3050	3206	3123	3126	2.49	cps
Yttrium	89-1	3448709	3615745	3626896	3563783	2.80	cps
Yttrium	89-2	430013	432663	433887	432188	0.46	cps
Zinc	66-2	113	123	87	108	17.59	cps
Zirconium	90-1	208	233	142	194	24.37	cps
Zirconium	91-1	33	33	50	39	24.75	cps

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	PB151043BS	Instrumnet Name :	P8
Client Sample ID :	PB151043BS	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 15:38:07	DataFile Name :	025LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1257	1142	1132	1177	5.90	cps
Antimony	121-1	8520	8595	8770	8628	1.49	cps
Arsenic	75-2	161	162	165	163	1.28	cps
Barium	135-1	9345	8628	9195	9056	4.18	cps
Barium	137-1	15409	15868	15476	15584	1.59	cps
Beryllium	9-1	3415	3392	3167	3325	4.12	cps
Bismuth	209-1	1810671	1918992	1897408	1875690	3.06	cps
Bismuth	209-2	1027450	1003538	1007463	1012817	1.27	cps
Boron	10-1	11866	12415	12659	12313	3.30	cps
Boron	11-1	51018	51876	52535	51810	1.47	cps
Bromine	81-1	30435	26623	29120	28726	6.74	cps
Cadmium	111-1	2354	2132	2275	2254	4.99	cps
Cadmium	106-1	1608	1475	1292	1458	10.90	cps
Cadmium	108-1	121	96	83	100	19.10	cps
Calcium	43-1	8678	8564	8329	8524	2.09	cps
Calcium	44-1	144107	143991	140049	142715	1.62	cps
Carbon	12-1	3201790	3202116	3284272	3229393	1.47	cps
Carbon	12-2	38568	38894	37682	38381	1.63	cps
Chlorine	35-1	520563	508310	505087	511320	1.60	cps
Chlorine	35-2	3642	3809	3826	3759	2.70	cps
Chromium	52-2	3337	3147	3150	3212	3.39	cps
Cobalt	59-2	2617	2550	2550	2572	1.50	cps
Copper	63-2	4254	4144	4021	4140	2.82	cps
Dysprosium	156-1	0	33	33	22	86.60	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	33	8	33	25	57.74	cps
Erbium	164-2	10	10	17	12	31.50	cps
Gadolinium	160-1	42	25	33	33	25.01	cps
Gadolinium	160-2	50	30	43	41	24.77	cps
Holmium	165-1	3050365	2858978	2967541	2958961	3.24	cps
Holmium	165-2	1423601	1465271	1449954	1446275	1.46	cps
Indium	115-1	2530952	2530339	2482881	2514724	1.10	cps
Indium	115-2	434528	438934	434576	436013	0.58	cps
Iron	54-2	13390	12528	12494	12804	3.96	cps
Iron	56-2	232334	235327	225325	230995	2.22	cps
Iron	57-2	6246	5912	5957	6038	3.00	cps

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	PB151043BS	Instrumnet Name :	P8
Client Sample ID :	PB151043BS	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 15:38:07	DataFile Name :	025LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	289	244	256	263	8.84	cps
Lead	206-1	3295	3445	3334	3358	2.32	cps
Lead	207-1	2950	3050	2950	2984	1.94	cps
Lead	208-1	13981	13725	13547	13751	1.59	cps
Lithium	6-1	2558200	2502130	2494357	2518229	1.38	cps
Magnesium	24-2	74399	69843	72271	72171	3.16	cps
Manganese	55-2	987	810	797	864	12.27	cps
Molybdenum	94-1	5043	4768	4109	4640	10.34	cps
Molybdenum	95-1	2617	2792	2850	2753	4.41	cps
Molybdenum	96-1	3717	3125	3676	3506	9.42	cps
Molybdenum	97-1	1675	1617	1467	1586	6.78	cps
Molybdenum	98-1	4317	4384	4509	4404	2.21	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	767	687	717	723	5.59	cps
Phosphorus	31-2	117	100	83	100	16.66	cps
Potassium	39-2	70984	70163	70238	70462	0.64	cps
Rhodium	103-1	2513720	2491346	2493969	2499678	0.49	cps
Rhodium	103-2	1169604	1161434	1152640	1161226	0.73	cps
Scandium	45-1	2139255	2106821	2132785	2126287	0.81	cps
Scandium	45-2	73229	72958	72389	72858	0.59	cps
Selenium	82-1	619	552	656	609	8.62	cps
Selenium	77-2	33	23	17	24	34.31	cps
Selenium	78-2	115	111	105	110	4.56	cps
Silicon	28-1	1237032	1287061	1265537	1263210	1.99	cps
Silver	107-1	5693	6135	5801	5876	3.92	cps
Silver	109-1	5676	5910	5601	5729	2.81	cps
Sodium	23-2	143679	142206	139959	141948	1.32	cps
Strontium	86-1	2017	2084	1859	1986	5.82	cps
Strontium	88-1	13382	13724	14166	13757	2.86	cps
Sulfur	34-1	325260	322301	326751	324771	0.70	cps
Terbium	159-1	3094070	3152021	3008521	3084871	2.34	cps
Terbium	159-2	1404816	1421738	1422024	1416193	0.70	cps
Thallium	203-1	3734	3859	3951	3848	2.83	cps
Thallium	205-1	9053	8686	8853	8864	2.07	cps
Tin	118-1	300	367	367	344	11.17	cps

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	PB151043BS	Instrumnet Name :	P8
Client Sample ID :	PB151043BS	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 15:38:07	DataFile Name :	025LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4668	4634	4201	4501	5.79	cps
Uranium	238-1	12406	11864	12190	12153	2.25	cps
Vanadium	51-2	5665	5498	5394	5519	2.47	cps
Ytterbium	172-1	58	17	42	39	53.93	cps
Ytterbium	172-2	6	11	22	13	65.44	cps
Ytterbium	176-1	558	450	442	483	13.47	cps
Ytterbium	176-2	3067	3439	3417	3308	6.31	cps
Yttrium	89-1	3568953	3572029	3598508	3579830	0.45	cps
Yttrium	89-2	443427	440692	439765	441295	0.43	cps
Zinc	66-2	1607	1363	1380	1450	9.38	cps
Zirconium	90-1	8470	8344	8019	8278	2.81	cps
Zirconium	91-1	1834	1892	1959	1895	3.30	cps

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	O1509-02DLX5	Instrumnet Name :	P8
Client Sample ID :	OW-04B-18-28-020823D	Dilution Factor :	5
Date & Time Acquired :	2023-02-24 15:41:20	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6961	7337	6993	7097	2.94	cps
Antimony	121-1	50	100	75	75	33.33	cps
Arsenic	75-2	34	32	24	30	17.64	cps
Barium	135-1	21801	21284	21242	21442	1.45	cps
Barium	137-1	37395	38849	36818	37687	2.78	cps
Beryllium	9-1	147	151	139	146	4.40	cps
Bismuth	209-1	1798151	1825458	1796518	1806709	0.90	cps
Bismuth	209-2	1089901	1015991	1009473	1038455	4.30	cps
Boron	10-1	4198	4080	3946	4074	3.09	cps
Boron	11-1	17459	17345	16932	17245	1.61	cps
Bromine	81-1	36174	38954	39817	38315	4.97	cps
Cadmium	111-1	1140	1008	979	1042	8.22	cps
Cadmium	106-1	1500	1233	1250	1328	11.25	cps
Cadmium	108-1	21	8	0	10	107.86	cps
Calcium	43-1	26720	26795	26125	26547	1.38	cps
Calcium	44-1	431109	431960	423903	428991	1.03	cps
Carbon	12-1	3758614	3790371	3883915	3810967	1.71	cps
Carbon	12-2	46524	43941	44468	44978	3.03	cps
Chlorine	35-1	640581	654287	656273	650380	1.31	cps
Chlorine	35-2	5226	5126	5201	5184	1.00	cps
Chromium	52-2	683	637	640	653	3.99	cps
Cobalt	59-2	28963	28535	28008	28502	1.68	cps
Copper	63-2	1370	1170	1240	1260	8.06	cps
Dysprosium	156-1	483	450	375	436	12.72	cps
Dysprosium	156-2	213	227	160	200	17.64	cps
Erbium	164-1	492	467	342	433	18.55	cps
Erbium	164-2	187	163	157	169	9.33	cps
Gadolinium	160-1	358	550	425	444	21.89	cps
Gadolinium	160-2	253	260	290	268	7.29	cps
Holmium	165-1	2841143	2930551	2962494	2911396	2.16	cps
Holmium	165-2	1540828	1430412	1423625	1464955	4.49	cps
Indium	115-1	2513581	2515021	2515277	2514627	0.04	cps
Indium	115-2	475133	431682	428796	445204	5.83	cps
Iron	54-2	19006	18886	18915	18936	0.33	cps
Iron	56-2	324050	321290	317016	320785	1.10	cps
Iron	57-2	9031	8108	8481	8540	5.44	cps

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	O1509-02DLX5	Instrumnet Name :	P8
Client Sample ID :	OW-04B-18-28-020823D	Dilution Factor :	5
Date & Time Acquired :	2023-02-24 15:41:20	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	266	282	254	267	5.39	cps
Lead	206-1	822	889	817	843	4.77	cps
Lead	207-1	783	795	728	769	4.65	cps
Lead	208-1	3606	3512	3973	3697	6.60	cps
Lithium	6-1	2540045	2516894	2483475	2513471	1.13	cps
Magnesium	24-2	129121	129139	122052	126770	3.22	cps
Manganese	55-2	456812	450837	439493	449047	1.96	cps
Molybdenum	94-1	492	408	375	425	14.15	cps
Molybdenum	95-1	233	175	208	206	14.24	cps
Molybdenum	96-1	233	267	283	261	9.75	cps
Molybdenum	97-1	100	42	83	75	40.06	cps
Molybdenum	98-1	217	233	125	192	30.44	cps
Neodymium	150-1	553	573	560	562	1.81	cps
Neodymium	150-2	207	240	210	219	8.39	cps
Nickel	60-2	1243	1087	1130	1153	7.01	cps
Phosphorus	31-2	100	83	58	81	26.04	cps
Potassium	39-2	62243	63172	60938	62118	1.81	cps
Rhodium	103-1	2529399	2525787	2500883	2518690	0.62	cps
Rhodium	103-2	1246708	1164126	1141808	1184214	4.67	cps
Scandium	45-1	2127101	2068110	2139858	2111690	1.81	cps
Scandium	45-2	76975	71678	70716	73123	4.61	cps
Selenium	82-1	13	24	19	18	30.74	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	39	49	63	50	23.96	cps
Silicon	28-1	3953121	3604679	3627537	3728445	5.23	cps
Silver	107-1	42	75	42	53	36.46	cps
Silver	109-1	33	33	25	31	15.74	cps
Sodium	23-2	1916033	1984647	1880015	1926898	2.76	cps
Strontium	86-1	18079	18070	16735	17628	4.39	cps
Strontium	88-1	146633	156549	145100	149427	4.16	cps
Sulfur	34-1	359275	362932	356969	359725	0.84	cps
Terbium	159-1	3050026	3059201	2932328	3013852	2.35	cps
Terbium	159-2	1561484	1419396	1412181	1464353	5.75	cps
Thallium	203-1	758	708	675	714	5.88	cps
Thallium	205-1	1700	1717	1458	1625	8.90	cps
Tin	118-1	367	408	458	411	11.16	cps

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	O1509-02DLX5	Instrumnet Name :	P8
Client Sample ID :	OW-04B-18-28-020823D	Dilution Factor :	5
Date & Time Acquired :	2023-02-24 15:41:20	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1500	1475	2301	1759	26.71	cps
Uranium	238-1	283	258	200	247	17.30	cps
Vanadium	51-2	997	870	923	930	6.84	cps
Ytterbium	172-1	133	133	150	139	6.93	cps
Ytterbium	172-2	50	89	111	83	37.12	cps
Ytterbium	176-1	408	500	508	472	11.75	cps
Ytterbium	176-2	3262	3445	3006	3237	6.81	cps
Yttrium	89-1	3581519	3679773	3565121	3608804	1.72	cps
Yttrium	89-2	475991	435804	435487	449094	5.19	cps
Zinc	66-2	3494	3407	3144	3348	5.45	cps
Zirconium	90-1	675	567	900	714	23.82	cps
Zirconium	91-1	142	142	158	147	6.54	cps

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	O1509-02DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	OW-04B-18-28-020823D	Dilution Factor :	5
Date & Time Acquired :	2023-02-24 15:44:35	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7489	7471	7160	7373	2.51	cps
Antimony	121-1	58	33	50	47	26.96	cps
Arsenic	75-2	40	37	29	35	16.09	cps
Barium	135-1	21476	22294	22553	22107	2.54	cps
Barium	137-1	38130	38138	37303	37857	1.27	cps
Beryllium	9-1	124	139	145	136	8.04	cps
Bismuth	209-1	1869152	1846290	1793864	1836435	2.10	cps
Bismuth	209-2	1009731	1017135	1004299	1010388	0.64	cps
Boron	10-1	3462	3782	3676	3640	4.48	cps
Boron	11-1	15251	15387	15489	15376	0.78	cps
Bromine	81-1	37870	40601	41062	39844	4.33	cps
Cadmium	111-1	1047	953	796	932	13.59	cps
Cadmium	106-1	1300	1175	1025	1167	11.80	cps
Cadmium	108-1	13	17	13	14	17.33	cps
Calcium	43-1	26572	26436	26654	26554	0.41	cps
Calcium	44-1	429986	427966	422701	426885	0.88	cps
Carbon	12-1	3680501	3798749	3847807	3775685	2.28	cps
Carbon	12-2	44894	45404	44317	44872	1.21	cps
Chlorine	35-1	653467	672267	679109	668281	1.99	cps
Chlorine	35-2	5626	5476	5126	5409	4.74	cps
Chromium	52-2	700	677	593	657	8.54	cps
Cobalt	59-2	27864	28472	27871	28069	1.24	cps
Copper	63-2	1327	1343	1223	1298	5.01	cps
Dysprosium	156-1	425	525	367	439	18.24	cps
Dysprosium	156-2	237	200	267	234	14.24	cps
Erbium	164-1	450	408	525	461	12.82	cps
Erbium	164-2	210	190	153	184	15.58	cps
Gadolinium	160-1	425	408	550	461	16.79	cps
Gadolinium	160-2	303	260	243	269	11.52	cps
Holmium	165-1	2947680	2923153	2942995	2937943	0.44	cps
Holmium	165-2	1445998	1462801	1434976	1447925	0.97	cps
Indium	115-1	2551346	2561956	2470553	2527951	1.98	cps
Indium	115-2	437722	445065	436525	439771	1.05	cps
Iron	54-2	19160	16816	17674	17883	6.63	cps
Iron	56-2	326281	326462	310195	320979	2.91	cps
Iron	57-2	8503	9288	8103	8631	6.98	cps

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	O1509-02DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	OW-04B-18-28-020823D	Dilution Factor :	5
Date & Time Acquired :	2023-02-24 15:44:35	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	282	271	267	274	2.85	cps
Lead	206-1	872	978	1072	974	10.27	cps
Lead	207-1	945	739	728	804	15.19	cps
Lead	208-1	4018	3645	3523	3729	6.93	cps
Lithium	6-1	2547349	2466896	2523696	2512647	1.65	cps
Magnesium	24-2	128954	124700	125758	126470	1.75	cps
Manganese	55-2	454099	446002	437837	445979	1.82	cps
Molybdenum	94-1	392	325	300	339	13.98	cps
Molybdenum	95-1	192	175	267	211	23.13	cps
Molybdenum	96-1	192	250	158	200	23.20	cps
Molybdenum	97-1	108	117	58	94	33.41	cps
Molybdenum	98-1	158	133	150	147	8.65	cps
Neodymium	150-1	533	627	427	529	18.92	cps
Neodymium	150-2	223	300	187	237	24.44	cps
Nickel	60-2	1137	1130	1187	1151	2.69	cps
Phosphorus	31-2	83	58	150	97	48.74	cps
Potassium	39-2	62068	61758	59440	61089	2.35	cps
Rhodium	103-1	2510229	2477863	2408612	2465568	2.11	cps
Rhodium	103-2	1158460	1163424	1161919	1161268	0.22	cps
Scandium	45-1	2117319	2082569	2081376	2093754	0.98	cps
Scandium	45-2	70181	73440	72351	71991	2.31	cps
Selenium	82-1	-19	-5	3	-7	-152.15	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	50	46	55	50	8.97	cps
Silicon	28-1	3723043	3816642	3558484	3699389	3.53	cps
Silver	107-1	108	100	58	89	30.13	cps
Silver	109-1	58	50	33	47	26.96	cps
Sodium	23-2	1988142	1885887	1881156	1918395	3.15	cps
Strontium	86-1	18980	18479	17803	18421	3.21	cps
Strontium	88-1	150879	152363	148548	150597	1.28	cps
Sulfur	34-1	355367	355811	352421	354533	0.52	cps
Terbium	159-1	3016046	3018893	2933543	2989494	1.62	cps
Terbium	159-2	1434795	1410993	1420056	1421948	0.84	cps
Thallium	203-1	800	642	633	692	13.58	cps
Thallium	205-1	1575	1725	1700	1667	4.82	cps
Tin	118-1	325	392	508	408	22.73	cps

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	O1509-02DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	OW-04B-18-28-020823D	Dilution Factor :	5
Date & Time Acquired :	2023-02-24 15:44:35	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2260	7070	1133	3488	90.40	cps
Uranium	238-1	342	233	242	272	22.15	cps
Vanadium	51-2	923	793	927	881	8.63	cps
Ytterbium	172-1	67	183	183	144	46.63	cps
Ytterbium	172-2	78	89	61	76	18.42	cps
Ytterbium	176-1	450	608	400	486	22.37	cps
Ytterbium	176-2	3245	3106	3506	3286	6.18	cps
Yttrium	89-1	3721335	3686813	3656599	3688249	0.88	cps
Yttrium	89-2	439653	439798	439250	439567	0.06	cps
Zinc	66-2	3454	3297	3537	3429	3.55	cps
Zirconium	90-1	1009	850	1192	1017	16.83	cps
Zirconium	91-1	167	150	167	161	5.97	cps

LB Number : LB124288 Operator : Jaswal
 Lab Sample ID : O1509-02LDLX25 Instrumnet Name : P8
 Client Sample ID : OW-04B-18-28-020823LI Dilution Factor : 25
 Date & Time Acquired : 2023-02-24 15:47:48 DataFile Name : 028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4572	1229	1241	2347	82.09	cps
Antimony	121-1	33	8	33	25	57.74	cps
Arsenic	75-2	52	9	16	26	89.90	cps
Barium	135-1	4001	3859	4301	4053	5.57	cps
Barium	137-1	7152	7511	7319	7327	2.45	cps
Beryllium	9-1	82	104	81	89	14.18	cps
Bismuth	209-1	1762506	1850897	1791038	1801480	2.50	cps
Bismuth	209-2	1030294	1019535	1018371	1022734	0.64	cps
Boron	10-1	1968	2040	1958	1988	2.25	cps
Boron	11-1	8409	8017	8495	8307	3.07	cps
Bromine	81-1	33655	32271	32843	32923	2.11	cps
Cadmium	111-1	910	825	903	879	5.31	cps
Cadmium	106-1	1217	1142	1250	1203	4.61	cps
Cadmium	108-1	13	4	8	8	49.98	cps
Calcium	43-1	5218	5230	5253	5234	0.34	cps
Calcium	44-1	89889	87915	86986	88263	1.68	cps
Carbon	12-1	3407636	3408759	3385365	3400587	0.39	cps
Carbon	12-2	39261	38142	39412	38938	1.78	cps
Chlorine	35-1	486320	480366	475225	480637	1.16	cps
Chlorine	35-2	3784	3717	3292	3598	7.41	cps
Chromium	52-2	617	380	330	442	34.64	cps
Cobalt	59-2	6055	5614	5444	5705	5.52	cps
Copper	63-2	3517	510	507	1511	114.94	cps
Dysprosium	156-1	133	108	183	142	26.96	cps
Dysprosium	156-2	47	33	23	34	34.00	cps
Erbium	164-1	108	100	108	106	4.56	cps
Erbium	164-2	60	33	57	50	29.06	cps
Gadolinium	160-1	67	108	150	108	38.46	cps
Gadolinium	160-2	63	107	97	89	25.53	cps
Holmium	165-1	2940608	2933029	2939396	2937678	0.14	cps
Holmium	165-2	1483512	1441061	1439959	1454844	1.71	cps
Indium	115-1	2400477	2641689	2437665	2493277	5.21	cps
Indium	115-2	451313	436887	437020	441740	1.88	cps
Iron	54-2	8583	4168	3795	5515	48.28	cps
Iron	56-2	145588	62617	82583	96929	44.68	cps
Iron	57-2	4359	2239	1700	2766	50.82	cps

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	O1509-02LDLX25	Instrumnet Name :	P8
Client Sample ID :	OW-04B-18-28-020823LI	Dilution Factor :	25
Date & Time Acquired :	2023-02-24 15:47:48	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	269	296	275	280	5.15	cps
Lead	206-1	356	294	411	354	16.50	cps
Lead	207-1	350	356	294	333	10.14	cps
Lead	208-1	1450	1456	1617	1508	6.28	cps
Lithium	6-1	2524072	2512386	2586297	2540918	1.56	cps
Magnesium	24-2	51122	25239	24864	33741	44.61	cps
Manganese	55-2	90005	84683	86504	87064	3.11	cps
Molybdenum	94-1	150	175	133	153	13.73	cps
Molybdenum	95-1	92	75	133	100	30.05	cps
Molybdenum	96-1	100	125	117	114	11.18	cps
Molybdenum	97-1	58	25	58	47	40.75	cps
Molybdenum	98-1	108	100	117	108	7.69	cps
Neodymium	150-1	73	80	73	76	5.09	cps
Neodymium	150-2	27	10	63	33	81.85	cps
Nickel	60-2	430	257	253	313	32.25	cps
Phosphorus	31-2	300	108	67	158	78.60	cps
Potassium	39-2	41009	32997	32729	35578	13.22	cps
Rhodium	103-1	2450905	2508637	2610995	2523513	3.21	cps
Rhodium	103-2	1226045	1165463	1167499	1186335	2.90	cps
Scandium	45-1	2004073	2103901	2105810	2071261	2.81	cps
Scandium	45-2	74895	72375	72773	73348	1.85	cps
Selenium	82-1	-31	-33	-8	-24	-59.31	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	60	40	36	45	28.37	cps
Silicon	28-1	1753024	1691699	1624693	1689805	3.80	cps
Silver	107-1	33	33	50	39	24.75	cps
Silver	109-1	25	42	17	28	45.82	cps
Sodium	23-2	426055	371653	367954	388554	8.37	cps
Strontium	86-1	3684	3917	3717	3773	3.35	cps
Strontium	88-1	30350	28922	28580	29284	3.21	cps
Sulfur	34-1	330892	324772	328318	327994	0.94	cps
Terbium	159-1	3006291	3080144	3113889	3066774	1.79	cps
Terbium	159-2	1501382	1411352	1408438	1440391	3.67	cps
Thallium	203-1	200	142	217	186	21.16	cps
Thallium	205-1	542	442	542	508	11.36	cps
Tin	118-1	225	133	183	181	25.42	cps

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	O1509-02LDLX25	Instrumnet Name :	P8
Client Sample ID :	OW-04B-18-28-020823LI	Dilution Factor :	25
Date & Time Acquired :	2023-02-24 15:47:48	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	492	408	283	394	26.59	cps
Uranium	238-1	67	58	42	56	22.91	cps
Vanadium	51-2	490	177	163	277	66.83	cps
Ytterbium	172-1	58	33	17	36	58.07	cps
Ytterbium	172-2	28	22	22	24	13.33	cps
Ytterbium	176-1	442	383	350	392	11.85	cps
Ytterbium	176-2	3012	3112	3178	3100	2.71	cps
Yttrium	89-1	3683605	3611666	3650201	3648491	0.99	cps
Yttrium	89-2	450696	434143	437781	440873	1.97	cps
Zinc	66-2	1157	660	713	843	32.34	cps
Zirconium	90-1	225	233	375	278	30.35	cps
Zirconium	91-1	150	33	67	83	72.12	cps

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	O1509-02MSDLX5	Instrumnet Name :	P8
Client Sample ID :	OW-04B-18-28-020823M	Dilution Factor :	5
Date & Time Acquired :	2023-02-24 15:51:04	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	59064	59408	57190	58554	2.04	cps
Antimony	121-1	205946	197861	200871	201559	2.03	cps
Arsenic	75-2	7858	7925	7625	7803	2.02	cps
Barium	135-1	246696	241551	238565	242271	1.70	cps
Barium	137-1	413813	407795	421499	414369	1.66	cps
Beryllium	9-1	151064	150598	151324	150995	0.24	cps
Bismuth	209-1	1828137	1857088	1815623	1833616	1.16	cps
Bismuth	209-2	1005233	1005755	1003350	1004779	0.13	cps
Boron	10-1	21860	23134	23450	22814	3.69	cps
Boron	11-1	92969	99514	98483	96989	3.63	cps
Bromine	81-1	36074	37629	40821	38175	6.34	cps
Cadmium	111-1	62157	60847	61441	61482	1.07	cps
Cadmium	106-1	8136	7669	8228	8011	3.74	cps
Cadmium	108-1	4613	4447	4647	4569	2.35	cps
Calcium	43-1	105639	106783	104327	105583	1.16	cps
Calcium	44-1	1622271	1708009	1695381	1675221	2.76	cps
Carbon	12-1	3798822	3945491	3961621	3901978	2.30	cps
Carbon	12-2	46575	45839	45546	45986	1.15	cps
Chlorine	35-1	608561	627026	633281	622956	2.06	cps
Chlorine	35-2	4609	5101	4734	4815	5.31	cps
Chromium	52-2	63691	63882	62650	63408	1.05	cps
Cobalt	59-2	142126	142332	142286	142248	0.08	cps
Copper	63-2	901331	898114	875581	891675	1.57	cps
Dysprosium	156-1	383	367	508	419	18.46	cps
Dysprosium	156-2	190	193	190	191	1.01	cps
Erbium	164-1	450	492	442	461	5.81	cps
Erbium	164-2	160	163	167	163	2.04	cps
Gadolinium	160-1	408	433	458	433	5.77	cps
Gadolinium	160-2	310	233	197	247	23.45	cps
Holmium	165-1	2993135	2983820	3015039	2997331	0.53	cps
Holmium	165-2	1480034	1438688	1450006	1456243	1.47	cps
Indium	115-1	2560401	2546041	2501617	2536020	1.21	cps
Indium	115-2	433150	437630	441893	437558	1.00	cps
Iron	54-2	174275	169837	165297	169803	2.64	cps
Iron	56-2	3191242	3179881	3158541	3176555	0.52	cps
Iron	57-2	77063	73539	78975	76526	3.60	cps

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	O1509-02MSDLX5	Instrumnet Name :	P8
Client Sample ID :	OW-04B-18-28-020823M	Dilution Factor :	5
Date & Time Acquired :	2023-02-24 15:51:04	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	245	290	249	261	9.56	cps
Lead	206-1	719557	704490	708188	710745	1.10	cps
Lead	207-1	619704	616123	613876	616568	0.48	cps
Lead	208-1	2847862	2844356	2805146	2832455	0.84	cps
Lithium	6-1	2508140	2457120	2537677	2500979	1.63	cps
Magnesium	24-2	848562	817597	809678	825279	2.49	cps
Manganese	55-2	785245	778506	762166	775305	1.53	cps
Molybdenum	94-1	387208	387412	388772	387797	0.22	cps
Molybdenum	95-1	435823	440196	440352	438790	0.59	cps
Molybdenum	96-1	494622	493101	496196	494640	0.31	cps
Molybdenum	97-1	270982	274785	268886	271551	1.10	cps
Molybdenum	98-1	690899	689105	698148	692717	0.69	cps
Neodymium	150-1	620	700	613	644	7.48	cps
Neodymium	150-2	207	167	267	213	23.59	cps
Nickel	60-2	32340	31809	31161	31770	1.86	cps
Phosphorus	31-2	92	75	92	86	11.18	cps
Potassium	39-2	243800	241280	235563	240215	1.76	cps
Rhodium	103-1	2510862	2464632	2492052	2489182	0.93	cps
Rhodium	103-2	1162891	1152877	1157665	1157811	0.43	cps
Scandium	45-1	2106680	2117389	2133136	2119068	0.63	cps
Scandium	45-2	72465	73484	71809	72586	1.16	cps
Selenium	82-1	5533	5627	5516	5558	1.08	cps
Selenium	77-2	150	187	167	168	10.94	cps
Selenium	78-2	684	639	645	656	3.73	cps
Silicon	28-1	3583818	3598058	3462398	3548092	2.10	cps
Silver	107-1	1050	858	1050	986	11.22	cps
Silver	109-1	417	492	550	486	13.75	cps
Sodium	23-2	3021454	2984722	2952828	2986334	1.15	cps
Strontium	86-1	83752	84641	85128	84507	0.83	cps
Strontium	88-1	733965	732970	734027	733654	0.08	cps
Sulfur	34-1	352891	353448	350347	352229	0.47	cps
Terbium	159-1	3038494	3064061	3111241	3071265	1.20	cps
Terbium	159-2	1443242	1440664	1435359	1439755	0.28	cps
Thallium	203-1	171799	169842	171290	170977	0.59	cps
Thallium	205-1	405873	406683	401891	404815	0.63	cps
Tin	118-1	168519	166420	164661	166533	1.16	cps

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	O1509-02MSDLX5	Instrumnet Name :	P8
Client Sample ID :	OW-04B-18-28-020823M	Dilution Factor :	5
Date & Time Acquired :	2023-02-24 15:51:04	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	156862	155807	153536	155402	1.09	cps
Uranium	238-1	536588	544514	538566	539889	0.76	cps
Vanadium	51-2	55029	54644	52944	54206	2.05	cps
Ytterbium	172-1	258	83	150	164	53.89	cps
Ytterbium	172-2	44	33	67	48	35.25	cps
Ytterbium	176-1	933	925	800	886	8.43	cps
Ytterbium	176-2	3578	3489	3512	3526	1.31	cps
Yttrium	89-1	3710134	3620959	3672964	3668019	1.22	cps
Yttrium	89-2	443317	437594	440095	440335	0.65	cps
Zinc	66-2	120806	118545	116868	118740	1.66	cps
Zirconium	90-1	386685	376621	374437	379247	1.72	cps
Zirconium	91-1	85102	85539	85026	85222	0.32	cps

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	O1509-02MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	OW-04B-18-28-020823M	Dilution Factor :	5
Date & Time Acquired :	2023-02-24 15:54:13	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	59743	58144	57929	58605	1.69	cps
Antimony	121-1	206207	204263	199467	203312	1.71	cps
Arsenic	75-2	7730	7819	7739	7763	0.63	cps
Barium	135-1	236503	243176	232777	237485	2.22	cps
Barium	137-1	413706	418902	407741	413450	1.35	cps
Beryllium	9-1	153767	152701	150536	152335	1.08	cps
Bismuth	209-1	1846929	1898562	1791681	1845724	2.90	cps
Bismuth	209-2	1016497	1022373	1020611	1019827	0.30	cps
Boron	10-1	23558	24383	24688	24210	2.41	cps
Boron	11-1	99192	102912	104094	102066	2.51	cps
Bromine	81-1	36123	38312	40349	38262	5.52	cps
Cadmium	111-1	63974	64135	61950	63353	1.92	cps
Cadmium	106-1	8011	8144	8370	8175	2.22	cps
Cadmium	108-1	4476	4713	4688	4626	2.82	cps
Calcium	43-1	107029	105468	105458	105985	0.85	cps
Calcium	44-1	1700912	1675525	1646809	1674416	1.62	cps
Carbon	12-1	3943702	4048796	4101206	4031235	1.99	cps
Carbon	12-2	47711	47226	47736	47558	0.60	cps
Chlorine	35-1	625642	641228	650600	639156	1.97	cps
Chlorine	35-2	5126	5093	5618	5279	5.57	cps
Chromium	52-2	66758	65459	62717	64978	3.18	cps
Cobalt	59-2	148016	141607	139483	143036	3.11	cps
Copper	63-2	919309	893831	882263	898468	2.11	cps
Dysprosium	156-1	383	358	417	386	7.58	cps
Dysprosium	156-2	247	217	223	229	6.88	cps
Erbium	164-1	417	300	283	333	21.80	cps
Erbium	164-2	203	167	223	198	14.53	cps
Gadolinium	160-1	408	458	483	450	8.49	cps
Gadolinium	160-2	237	267	230	244	7.99	cps
Holmium	165-1	2901810	2941078	2920078	2920989	0.67	cps
Holmium	165-2	1459540	1434472	1447832	1447281	0.87	cps
Indium	115-1	2633353	2576396	2537708	2582485	1.86	cps
Indium	115-2	438959	437460	439266	438562	0.22	cps
Iron	54-2	172681	167085	169603	169790	1.65	cps
Iron	56-2	3236754	3145216	3022328	3134766	3.43	cps
Iron	57-2	79767	76560	76407	77578	2.45	cps

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	O1509-02MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	OW-04B-18-28-020823M	Dilution Factor :	5
Date & Time Acquired :	2023-02-24 15:54:13	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	232	261	266	253	7.19	cps
Lead	206-1	725850	698500	717506	713952	1.96	cps
Lead	207-1	644970	637065	609931	630655	2.91	cps
Lead	208-1	2916217	2901207	2811470	2876298	1.97	cps
Lithium	6-1	2569270	2483820	2503591	2518893	1.78	cps
Magnesium	24-2	837476	831533	802102	823704	2.30	cps
Manganese	55-2	786491	779432	751043	772322	2.43	cps
Molybdenum	94-1	392152	398118	397747	396006	0.84	cps
Molybdenum	95-1	457580	446004	446868	450151	1.43	cps
Molybdenum	96-1	514989	508441	494582	506004	2.06	cps
Molybdenum	97-1	276207	276648	274398	275751	0.43	cps
Molybdenum	98-1	713191	710156	703802	709050	0.68	cps
Neodymium	150-1	507	493	547	516	5.38	cps
Neodymium	150-2	197	173	210	193	9.60	cps
Nickel	60-2	32841	31795	31966	32201	1.74	cps
Phosphorus	31-2	108	83	108	100	14.43	cps
Potassium	39-2	241984	241657	237695	240445	0.99	cps
Rhodium	103-1	2529073	2450255	2525376	2501568	1.78	cps
Rhodium	103-2	1157685	1170921	1163835	1164147	0.57	cps
Scandium	45-1	2126581	2118147	2173443	2139390	1.39	cps
Scandium	45-2	72224	72713	73192	72710	0.67	cps
Selenium	82-1	5607	5506	5531	5548	0.95	cps
Selenium	77-2	200	217	123	180	27.65	cps
Selenium	78-2	613	715	695	674	8.02	cps
Silicon	28-1	3630553	3839310	3440289	3636717	5.49	cps
Silver	107-1	1075	1100	950	1042	7.71	cps
Silver	109-1	467	508	458	478	5.61	cps
Sodium	23-2	3082293	3069847	2937552	3029898	2.65	cps
Strontium	86-1	85495	84556	85134	85062	0.56	cps
Strontium	88-1	742584	739785	720674	734348	1.62	cps
Sulfur	34-1	353405	359105	357100	356536	0.81	cps
Terbium	159-1	3039872	3073489	3014867	3042743	0.97	cps
Terbium	159-2	1430283	1439772	1449011	1439689	0.65	cps
Thallium	203-1	178716	171552	172976	174415	2.17	cps
Thallium	205-1	426062	414875	414033	418323	1.61	cps
Tin	118-1	164233	169698	165117	166349	1.76	cps

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	O1509-02MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	OW-04B-18-28-020823M	Dilution Factor :	5
Date & Time Acquired :	2023-02-24 15:54:13	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	158187	156130	152700	155672	1.78	cps
Uranium	238-1	558343	549720	549591	552551	0.91	cps
Vanadium	51-2	56468	53938	52790	54399	3.46	cps
Ytterbium	172-1	183	167	167	172	5.59	cps
Ytterbium	172-2	61	72	72	69	9.36	cps
Ytterbium	176-1	933	850	850	878	5.48	cps
Ytterbium	176-2	3651	3528	3628	3602	1.81	cps
Yttrium	89-1	3748703	3604512	3572358	3641857	2.58	cps
Yttrium	89-2	439273	444447	447123	443614	0.90	cps
Zinc	66-2	121701	118901	119772	120125	1.19	cps
Zirconium	90-1	388581	384170	378211	383654	1.36	cps
Zirconium	91-1	87349	85814	83308	85490	2.39	cps

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	O1509-02ADLX5	Instrumnet Name :	P8
Client Sample ID :	OW-04B-18-28-020823A	Dilution Factor :	5
Date & Time Acquired :	2023-02-24 15:57:25	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58275	58085	56814	57725	1.38	cps
Antimony	121-1	202480	198033	203324	201279	1.41	cps
Arsenic	75-2	7818	7769	7557	7715	1.80	cps
Barium	135-1	239870	235458	236101	237143	1.01	cps
Barium	137-1	412998	409411	411949	411453	0.45	cps
Beryllium	9-1	152084	151664	149370	151039	0.97	cps
Bismuth	209-1	1844841	1852363	1830442	1842549	0.60	cps
Bismuth	209-2	1029103	1024489	1013656	1022416	0.78	cps
Boron	10-1	23774	24249	24379	24134	1.32	cps
Boron	11-1	99475	102114	104024	101871	2.24	cps
Bromine	81-1	38342	39687	39085	39038	1.73	cps
Cadmium	111-1	60226	61685	62790	61567	2.09	cps
Cadmium	106-1	8119	7677	8161	7986	3.36	cps
Cadmium	108-1	4880	4542	4763	4729	3.63	cps
Calcium	43-1	105687	105366	106276	105776	0.44	cps
Calcium	44-1	1700248	1671418	1702882	1691516	1.03	cps
Carbon	12-1	4634318	4673281	4636368	4647989	0.47	cps
Carbon	12-2	54953	53063	53330	53782	1.90	cps
Chlorine	35-1	632543	650361	651881	644928	1.67	cps
Chlorine	35-2	5318	5209	5026	5184	2.84	cps
Chromium	52-2	63370	63417	62101	62962	1.19	cps
Cobalt	59-2	141884	141061	138476	140474	1.27	cps
Copper	63-2	891836	887693	873510	884346	1.09	cps
Dysprosium	156-1	450	492	533	492	8.47	cps
Dysprosium	156-2	177	170	173	173	1.92	cps
Erbium	164-1	450	500	300	417	24.98	cps
Erbium	164-2	187	163	193	181	8.70	cps
Gadolinium	160-1	408	500	500	469	11.27	cps
Gadolinium	160-2	273	213	217	234	14.38	cps
Holmium	165-1	2844779	2960450	2962313	2922514	2.30	cps
Holmium	165-2	1451612	1439100	1456669	1449127	0.62	cps
Indium	115-1	2488811	2500310	2571475	2520198	1.78	cps
Indium	115-2	441186	443297	440348	441610	0.34	cps
Iron	54-2	169492	166522	165446	167153	1.25	cps
Iron	56-2	3171818	3180911	3023358	3125362	2.83	cps
Iron	57-2	77823	76070	73684	75859	2.74	cps

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	O1509-02ADLX5	Instrumnet Name :	P8
Client Sample ID :	OW-04B-18-28-020823A	Dilution Factor :	5
Date & Time Acquired :	2023-02-24 15:57:25	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	217	226	266	237	10.98	cps
Lead	206-1	706463	686163	701575	698067	1.52	cps
Lead	207-1	640128	619637	630609	630125	1.63	cps
Lead	208-1	2886614	2842991	2844706	2858104	0.86	cps
Lithium	6-1	2481378	2551637	2473230	2502082	1.72	cps
Magnesium	24-2	836519	816830	800879	818076	2.18	cps
Manganese	55-2	780230	790256	753465	774651	2.46	cps
Molybdenum	94-1	395431	396795	384733	392320	1.68	cps
Molybdenum	95-1	439359	450144	439668	443057	1.39	cps
Molybdenum	96-1	508932	505592	490767	501764	1.93	cps
Molybdenum	97-1	273270	267146	273209	271208	1.30	cps
Molybdenum	98-1	695253	701252	688210	694905	0.94	cps
Neodymium	150-1	487	580	593	553	10.50	cps
Neodymium	150-2	170	240	160	190	22.94	cps
Nickel	60-2	32494	31525	31154	31724	2.18	cps
Phosphorus	31-2	100	75	117	97	21.57	cps
Potassium	39-2	238493	236297	234394	236395	0.87	cps
Rhodium	103-1	2433208	2465265	2525239	2474571	1.89	cps
Rhodium	103-2	1167465	1164352	1180113	1170643	0.71	cps
Scandium	45-1	2131115	2176615	2141935	2149888	1.11	cps
Scandium	45-2	72928	72723	73293	72981	0.40	cps
Selenium	82-1	5509	5822	5533	5621	3.10	cps
Selenium	77-2	193	203	153	183	14.43	cps
Selenium	78-2	669	616	671	652	4.78	cps
Silicon	28-1	3545691	3684647	3616722	3615687	1.92	cps
Silver	107-1	285086	270424	271489	275666	2.97	cps
Silver	109-1	257316	254386	271098	260933	3.42	cps
Sodium	23-2	3086097	3012146	2891584	2996609	3.28	cps
Strontium	86-1	85354	84909	85143	85135	0.26	cps
Strontium	88-1	723739	722397	720409	722182	0.23	cps
Sulfur	34-1	354042	356320	354086	354816	0.37	cps
Terbium	159-1	3024967	3021540	3056554	3034353	0.64	cps
Terbium	159-2	1446857	1404766	1451841	1434488	1.80	cps
Thallium	203-1	171638	171321	166690	169883	1.63	cps
Thallium	205-1	407418	404378	409442	407079	0.63	cps
Tin	118-1	163494	162323	168353	164723	1.94	cps

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	O1509-02ADLX5	Instrumnet Name :	P8
Client Sample ID :	OW-04B-18-28-020823A	Dilution Factor :	5
Date & Time Acquired :	2023-02-24 15:57:25	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	160914	157215	157747	158626	1.26	cps
Uranium	238-1	558889	559643	553190	557241	0.63	cps
Vanadium	51-2	55099	54654	54112	54622	0.91	cps
Ytterbium	172-1	92	175	125	131	32.13	cps
Ytterbium	172-2	50	78	94	74	30.31	cps
Ytterbium	176-1	933	1100	983	1006	8.51	cps
Ytterbium	176-2	3123	3028	3884	3345	14.03	cps
Yttrium	89-1	3696977	3630646	3749985	3692536	1.62	cps
Yttrium	89-2	444496	448508	440822	444609	0.86	cps
Zinc	66-2	118931	116081	116945	117319	1.25	cps
Zirconium	90-1	384889	372070	386313	381090	2.06	cps
Zirconium	91-1	85261	83693	85640	84865	1.22	cps

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	CCV37	Instrumnet Name :	P8
Client Sample ID :	CCV37	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 16:00:34	DataFile Name :	032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1384277	1379255	1317138	1360223	2.75	cps
Antimony	121-1	1037265	1022936	1023123	1027775	0.80	cps
Arsenic	75-2	38362	37583	37434	37793	1.32	cps
Barium	135-1	1196939	1195662	1172044	1188215	1.18	cps
Barium	137-1	2094299	2037690	2034760	2055583	1.63	cps
Beryllium	9-1	730229	734154	722840	729074	0.79	cps
Bismuth	209-1	1799132	1734497	1744249	1759293	1.98	cps
Bismuth	209-2	960877	962590	987645	970371	1.54	cps
Boron	10-1	355259	362616	368362	362079	1.81	cps
Boron	11-1	1401799	1421275	1437837	1420304	1.27	cps
Bromine	81-1	30344	30274	28990	29869	2.55	cps
Cadmium	111-1	287922	286531	286317	286923	0.30	cps
Cadmium	106-1	34920	34937	32539	34132	4.04	cps
Cadmium	108-1	22852	23378	23337	23189	1.26	cps
Calcium	43-1	2148063	2142280	2153230	2147858	0.26	cps
Calcium	44-1	33075814	33304482	33231997	33204098	0.35	cps
Carbon	12-1	3744973	3739458	3772353	3752261	0.47	cps
Carbon	12-2	46725	44794	45772	45764	2.11	cps
Chlorine	35-1	425853	420175	423284	423104	0.67	cps
Chlorine	35-2	3350	2959	2700	3003	10.90	cps
Chromium	52-2	338525	333996	329014	333845	1.42	cps
Cobalt	59-2	607839	587596	582203	592546	2.28	cps
Copper	63-2	4776823	4663829	4650467	4697040	1.48	cps
Dysprosium	156-1	292	233	217	247	15.93	cps
Dysprosium	156-2	127	123	110	120	7.35	cps
Erbium	164-1	58	67	42	56	22.91	cps
Erbium	164-2	20	17	33	23	37.78	cps
Gadolinium	160-1	333	383	225	314	25.79	cps
Gadolinium	160-2	163	157	193	171	11.41	cps
Holmium	165-1	3083809	3005561	3005109	3031493	1.49	cps
Holmium	165-2	1452144	1454151	1454314	1453536	0.08	cps
Indium	115-1	2494230	2385676	2466773	2448893	2.30	cps
Indium	115-2	425034	424733	424995	424920	0.04	cps
Iron	54-2	4062189	3993868	3853434	3969830	2.68	cps
Iron	56-2	72450979	71983888	69485071	71306646	2.24	cps
Iron	57-2	1855664	1843537	1791130	1830111	1.87	cps

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	CCV37	Instrumnet Name :	P8
Client Sample ID :	CCV37	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 16:00:34	DataFile Name :	032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	275	264	259	266	3.13	cps
Lead	206-1	4096204	4109776	3925826	4043936	2.53	cps
Lead	207-1	3652765	3712240	3598163	3654389	1.56	cps
Lead	208-1	16523170	16517189	15971386	16337249	1.94	cps
Lithium	6-1	2379871	2393142	2317990	2363668	1.70	cps
Magnesium	24-2	18596562	18045998	17465939	18036166	3.13	cps
Manganese	55-2	1926944	1859749	1827545	1871412	2.71	cps
Molybdenum	94-1	4124270	4064181	4086579	4091677	0.74	cps
Molybdenum	95-1	5911271	5961939	5847714	5906975	0.97	cps
Molybdenum	96-1	6473474	6468014	6388098	6443195	0.74	cps
Molybdenum	97-1	3487332	3621524	3554076	3554311	1.89	cps
Molybdenum	98-1	9157124	9601839	9270183	9343049	2.47	cps
Neodymium	150-1	120	107	160	129	21.53	cps
Neodymium	150-2	27	13	17	19	36.75	cps
Nickel	60-2	160937	158675	152806	157473	2.67	cps
Phosphorus	31-2	17945	17703	16768	17472	3.56	cps
Potassium	39-2	5786436	5516305	5576714	5626485	2.52	cps
Rhodium	103-1	2440208	2429494	2387714	2419139	1.15	cps
Rhodium	103-2	1115508	1120433	1113312	1116417	0.33	cps
Scandium	45-1	2109319	2124336	2106414	2113356	0.46	cps
Scandium	45-2	72549	71106	70663	71439	1.38	cps
Selenium	82-1	27413	27802	27168	27461	1.16	cps
Selenium	77-2	870	850	857	859	1.19	cps
Selenium	78-2	3130	3083	3120	3111	0.80	cps
Silicon	28-1	25240980	25327908	25684109	25417666	0.92	cps
Silver	107-1	1415449	1414906	1380600	1403652	1.42	cps
Silver	109-1	1347201	1363033	1348409	1352881	0.65	cps
Sodium	23-2	32428110	31579423	30732409	31579981	2.68	cps
Strontium	86-1	9216829	9042310	9243686	9167608	1.19	cps
Strontium	88-1	80207521	77185179	79329702	78907467	1.97	cps
Sulfur	34-1	537765	531671	529460	532965	0.81	cps
Terbium	159-1	3091622	3017805	3049972	3053133	1.21	cps
Terbium	159-2	1418334	1424414	1439204	1427317	0.75	cps
Thallium	203-1	936069	938549	914502	929707	1.42	cps
Thallium	205-1	2223207	2230716	2229424	2227782	0.18	cps
Tin	118-1	901240	887554	895291	894695	0.77	cps

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	CCV37	Instrumnet Name :	P8
Client Sample ID :	CCV37	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 16:00:34	DataFile Name :	032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2047998	2041578	2015112	2034896	0.86	cps
Uranium	238-1	3074995	3081749	3037282	3064675	0.78	cps
Vanadium	51-2	279468	274592	272973	275678	1.23	cps
Ytterbium	172-1	117	108	125	117	7.14	cps
Ytterbium	172-2	83	50	89	74	28.40	cps
Ytterbium	176-1	4701	4701	5018	4807	3.81	cps
Ytterbium	176-2	5462	5362	5346	5390	1.17	cps
Yttrium	89-1	3658803	3726302	3667964	3684356	0.99	cps
Yttrium	89-2	445038	444274	449962	446425	0.69	cps
Zinc	66-2	571199	561264	551740	561401	1.73	cps
Zirconium	90-1	2136735	2166870	2108144	2137249	1.37	cps
Zirconium	91-1	479625	475544	473497	476222	0.66	cps

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	CCB37	Instrumnet Name :	P8
Client Sample ID :	CCB37	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 16:06:54	DataFile Name :	033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	110	120	94	108	12.28	cps
Antimony	121-1	142	325	467	311	52.38	cps
Arsenic	75-2	1	4	1	2	86.60	cps
Barium	135-1	33	67	50	50	33.34	cps
Barium	137-1	67	58	92	72	24.02	cps
Beryllium	9-1	160	162	151	158	3.74	cps
Bismuth	209-1	1821308	1860671	1832170	1838050	1.11	cps
Bismuth	209-2	1003934	1015979	1014248	1011387	0.64	cps
Boron	10-1	6782	6692	6204	6560	4.74	cps
Boron	11-1	28927	27598	26062	27529	5.21	cps
Bromine	81-1	28799	29672	29241	29237	1.49	cps
Cadmium	111-1	821	803	723	782	6.72	cps
Cadmium	106-1	1150	1117	1017	1095	6.34	cps
Cadmium	108-1	13	17	8	13	33.36	cps
Calcium	43-1	149	169	154	157	6.63	cps
Calcium	44-1	7854	7820	7812	7829	0.28	cps
Carbon	12-1	3098550	3148413	3170343	3139102	1.17	cps
Carbon	12-2	36095	36329	36045	36156	0.42	cps
Chlorine	35-1	332007	332537	326352	330299	1.04	cps
Chlorine	35-2	2392	2417	2534	2447	3.09	cps
Chromium	52-2	310	283	270	288	7.08	cps
Cobalt	59-2	47	67	50	54	19.68	cps
Copper	63-2	453	513	413	460	10.94	cps
Dysprosium	156-1	0	42	8	17	132.30	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	58	50	17	42	52.91	cps
Erbium	164-2	17	3	7	9	78.08	cps
Gadolinium	160-1	33	0	17	17	99.99	cps
Gadolinium	160-2	33	70	50	51	35.92	cps
Holmium	165-1	2826221	2957990	2932595	2905602	2.41	cps
Holmium	165-2	1444416	1442480	1448566	1445154	0.22	cps
Indium	115-1	2530990	2558864	2515995	2535283	0.86	cps
Indium	115-2	436686	435196	434949	435610	0.22	cps
Iron	54-2	567	533	556	552	3.08	cps
Iron	56-2	3639	3701	3539	3626	2.24	cps
Iron	57-2	217	283	283	261	14.74	cps

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	CCB37	Instrumnet Name :	P8
Client Sample ID :	CCB37	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 16:06:54	DataFile Name :	033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	270	252	276	266	4.62	cps
Lead	206-1	356	433	350	380	12.27	cps
Lead	207-1	328	356	361	348	5.13	cps
Lead	208-1	1439	1667	1561	1556	7.33	cps
Lithium	6-1	2529007	2482860	2450432	2487433	1.59	cps
Magnesium	24-2	1183	958	950	1031	12.85	cps
Manganese	55-2	110	97	120	109	10.75	cps
Molybdenum	94-1	258	250	175	228	20.15	cps
Molybdenum	95-1	367	217	258	281	27.60	cps
Molybdenum	96-1	417	375	375	389	6.19	cps
Molybdenum	97-1	292	150	192	211	34.49	cps
Molybdenum	98-1	383	400	392	392	2.13	cps
Neodymium	150-1	13	0	0	4	173.21	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	30	33	40	34	14.78	cps
Phosphorus	31-2	92	58	75	75	22.23	cps
Potassium	39-2	26967	25623	26934	26508	2.89	cps
Rhodium	103-1	2551803	2450084	2505453	2502447	2.04	cps
Rhodium	103-2	1154377	1165314	1144520	1154737	0.90	cps
Scandium	45-1	2119620	2109515	2058766	2095967	1.56	cps
Scandium	45-2	71876	71350	70787	71337	0.76	cps
Selenium	82-1	-30	38	-4	1	2722.13	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	47	53	46	49	7.79	cps
Silicon	28-1	1202976	1221925	1215570	1213490	0.79	cps
Silver	107-1	192	117	167	158	24.12	cps
Silver	109-1	133	58	108	100	38.19	cps
Sodium	23-2	16318	15517	15926	15920	2.52	cps
Strontium	86-1	508	667	600	592	13.44	cps
Strontium	88-1	2059	1867	1633	1853	11.49	cps
Sulfur	34-1	319329	317046	318522	318299	0.36	cps
Terbium	159-1	2959744	3067923	3009754	3012474	1.80	cps
Terbium	159-2	1398161	1442014	1409293	1416489	1.61	cps
Thallium	203-1	133	242	167	181	30.73	cps
Thallium	205-1	450	300	417	389	20.25	cps
Tin	118-1	233	175	267	225	20.62	cps

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	CCB37	Instrumnet Name :	P8
Client Sample ID :	CCB37	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 16:06:54	DataFile Name :	033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	192	217	108	172	32.93	cps
Uranium	238-1	58	75	58	64	15.05	cps
Vanadium	51-2	10	0	13	8	89.21	cps
Ytterbium	172-1	67	25	17	36	74.18	cps
Ytterbium	172-2	6	6	0	4	86.60	cps
Ytterbium	176-1	350	325	458	378	18.76	cps
Ytterbium	176-2	3178	3200	3262	3213	1.34	cps
Yttrium	89-1	3595992	3657537	3644083	3632537	0.89	cps
Yttrium	89-2	436563	442670	426817	435350	1.84	cps
Zinc	66-2	93	107	83	94	12.40	cps
Zirconium	90-1	292	175	250	239	24.75	cps
Zirconium	91-1	50	33	83	56	45.83	cps

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	O1603-01	Instrumnet Name :	P8
Client Sample ID :	YBL49	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 16:15:21	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	622	652	581	619	5.78	cps
Antimony	121-1	475	658	667	600	18.06	cps
Arsenic	75-2	21	21	23	22	5.33	cps
Barium	135-1	27687	26594	25926	26735	3.33	cps
Barium	137-1	45903	45586	44850	45446	1.19	cps
Beryllium	9-1	100	107	116	108	7.54	cps
Bismuth	209-1	1704132	1750674	1693238	1716014	1.78	cps
Bismuth	209-2	972962	982839	981887	979229	0.56	cps
Boron	10-1	70239	76164	76703	74369	4.82	cps
Boron	11-1	298354	316459	319564	311459	3.68	cps
Bromine	81-1	35722	35773	37990	36495	3.55	cps
Cadmium	111-1	698	797	762	752	6.66	cps
Cadmium	106-1	992	1125	1083	1067	6.40	cps
Cadmium	108-1	13	17	25	18	35.25	cps
Calcium	43-1	592396	602809	598184	597796	0.87	cps
Calcium	44-1	9352443	9646364	9220841	9406549	2.32	cps
Carbon	12-1	7173629	7582897	7940528	7565684	5.07	cps
Carbon	12-2	93102	94562	94998	94221	1.05	cps
Chlorine	35-1	358298	365423	374633	366118	2.24	cps
Chlorine	35-2	2875	3000	3125	3000	4.17	cps
Chromium	52-2	773	763	807	781	2.91	cps
Cobalt	59-2	380	377	317	358	9.96	cps
Copper	63-2	987	1047	913	982	6.80	cps
Dysprosium	156-1	8	8	50	22	108.27	cps
Dysprosium	156-2	17	7	20	14	48.02	cps
Erbium	164-1	83	50	25	53	55.46	cps
Erbium	164-2	27	17	13	19	36.75	cps
Gadolinium	160-1	58	58	50	56	8.67	cps
Gadolinium	160-2	47	63	40	50	24.03	cps
Holmium	165-1	2751066	2881605	2849065	2827246	2.40	cps
Holmium	165-2	1406914	1439607	1437361	1427960	1.28	cps
Indium	115-1	2372961	2486469	2421107	2426846	2.35	cps
Indium	115-2	433082	432940	430243	432088	0.37	cps
Iron	54-2	1806	1750	1917	1824	4.65	cps
Iron	56-2	25835	25195	24705	25245	2.24	cps
Iron	57-2	2200	2267	2011	2159	6.14	cps

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	O1603-01	Instrumnet Name :	P8
Client Sample ID :	YBL49	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 16:15:21	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	216	247	241	235	7.03	cps
Lead	206-1	439	467	483	463	4.85	cps
Lead	207-1	328	367	322	339	7.15	cps
Lead	208-1	1600	1767	1589	1652	6.03	cps
Lithium	6-1	2328778	2427615	2443567	2399987	2.59	cps
Magnesium	24-2	3437244	3514046	3553695	3501661	1.69	cps
Manganese	55-2	17528	17244	16563	17111	2.90	cps
Molybdenum	94-1	483	533	542	519	6.07	cps
Molybdenum	95-1	775	800	858	811	5.27	cps
Molybdenum	96-1	833	925	833	864	6.13	cps
Molybdenum	97-1	383	475	392	417	12.17	cps
Molybdenum	98-1	1058	1217	1142	1139	6.95	cps
Neodymium	150-1	13	20	0	11	91.66	cps
Neodymium	150-2	3	0	7	3	100.05	cps
Nickel	60-2	2834	2614	2670	2706	4.22	cps
Phosphorus	31-2	142	133	133	136	3.53	cps
Potassium	39-2	160681	163149	165529	163119	1.49	cps
Rhodium	103-1	2393927	2423811	2336048	2384596	1.87	cps
Rhodium	103-2	1138506	1134358	1139870	1137578	0.25	cps
Scandium	45-1	2073049	2059131	2016591	2049590	1.44	cps
Scandium	45-2	69601	70620	70857	70359	0.95	cps
Selenium	82-1	114	28	69	70	61.62	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	48	30	49	42	25.27	cps
Silicon	28-1	11104050	11067541	10974042	11048544	0.61	cps
Silver	107-1	42	50	42	44	10.82	cps
Silver	109-1	17	33	33	28	34.63	cps
Sodium	23-2	1756172	1802212	1837458	1798614	2.27	cps
Strontium	86-1	675631	688067	668306	677334	1.47	cps
Strontium	88-1	5891841	5757651	5803241	5817578	1.17	cps
Sulfur	34-1	955556	986718	963007	968427	1.68	cps
Terbium	159-1	2853978	2852908	2896172	2867686	0.86	cps
Terbium	159-2	1408924	1421580	1399911	1410138	0.77	cps
Thallium	203-1	250	233	200	228	11.18	cps
Thallium	205-1	542	633	492	556	12.93	cps
Tin	118-1	242	292	300	278	11.36	cps

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	O1603-01	Instrumnet Name :	P8
Client Sample ID :	YBL49	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 16:15:21	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	425	450	417	431	4.03	cps
Uranium	238-1	2384	2334	2400	2373	1.46	cps
Vanadium	51-2	190	293	283	256	22.30	cps
Ytterbium	172-1	17	33	25	25	33.32	cps
Ytterbium	172-2	22	0	22	15	86.60	cps
Ytterbium	176-1	283	417	233	311	30.46	cps
Ytterbium	176-2	2984	3139	3034	3052	2.60	cps
Yttrium	89-1	3554529	3578279	3495715	3542841	1.20	cps
Yttrium	89-2	430855	445178	440045	438693	1.65	cps
Zinc	66-2	2220	2230	2254	2235	0.77	cps
Zirconium	90-1	183	242	350	258	32.74	cps
Zirconium	91-1	42	67	100	69	42.14	cps

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	O1603-02	Instrumnet Name :	P8
Client Sample ID :	YBL49D	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 16:18:31	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	625	624	624	624	0.12	cps
Antimony	121-1	792	675	717	728	8.12	cps
Arsenic	75-2	18	26	34	26	30.77	cps
Barium	135-1	26852	26427	25024	26101	3.67	cps
Barium	137-1	45979	46623	46347	46316	0.70	cps
Beryllium	9-1	127	112	81	107	22.04	cps
Bismuth	209-1	1750870	1751561	1784658	1762363	1.10	cps
Bismuth	209-2	981545	988616	975759	981973	0.66	cps
Boron	10-1	73834	77157	77160	76050	2.52	cps
Boron	11-1	312874	329970	328809	323884	2.95	cps
Bromine	81-1	36917	38723	39075	38238	3.03	cps
Cadmium	111-1	814	850	880	848	3.89	cps
Cadmium	106-1	1175	1250	1258	1228	3.74	cps
Cadmium	108-1	42	54	25	40	36.33	cps
Calcium	43-1	599543	602231	590584	597452	1.02	cps
Calcium	44-1	9675259	9568829	9292001	9512030	2.08	cps
Carbon	12-1	7572932	8025621	8324328	7974294	4.74	cps
Carbon	12-2	96005	95074	93757	94945	1.19	cps
Chlorine	35-1	392910	400836	408485	400744	1.94	cps
Chlorine	35-2	3392	3250	3234	3292	2.64	cps
Chromium	52-2	687	730	810	742	8.43	cps
Cobalt	59-2	343	320	360	341	5.89	cps
Copper	63-2	977	933	950	953	2.29	cps
Dysprosium	156-1	33	17	33	28	34.63	cps
Dysprosium	156-2	10	10	10	10	0.00	cps
Erbium	164-1	67	42	33	47	36.74	cps
Erbium	164-2	27	27	10	21	45.58	cps
Gadolinium	160-1	33	50	58	47	26.96	cps
Gadolinium	160-2	43	37	67	49	32.22	cps
Holmium	165-1	2755714	2852376	2833076	2813722	1.82	cps
Holmium	165-2	1417715	1447548	1406320	1423861	1.50	cps
Indium	115-1	2408856	2510628	2409159	2442881	2.40	cps
Indium	115-2	426860	424068	428759	426562	0.55	cps
Iron	54-2	1839	1528	1617	1661	9.65	cps
Iron	56-2	25056	24571	24549	24725	1.16	cps
Iron	57-2	2234	2111	2206	2184	2.93	cps

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	O1603-02	Instrumnet Name :	P8
Client Sample ID :	YBL49D	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 16:18:31	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	261	266	236	255	6.31	cps
Lead	206-1	483	406	356	415	15.52	cps
Lead	207-1	400	383	356	380	5.91	cps
Lead	208-1	1811	1556	1661	1676	7.66	cps
Lithium	6-1	2414990	2383867	2445654	2414837	1.28	cps
Magnesium	24-2	3417865	3413258	3386800	3405974	0.49	cps
Manganese	55-2	17311	16950	16777	17012	1.60	cps
Molybdenum	94-1	492	558	500	517	7.03	cps
Molybdenum	95-1	725	658	750	711	6.66	cps
Molybdenum	96-1	858	842	842	847	1.14	cps
Molybdenum	97-1	400	450	358	403	11.39	cps
Molybdenum	98-1	1325	1100	1050	1158	12.65	cps
Neodymium	150-1	47	33	33	38	20.39	cps
Neodymium	150-2	7	13	7	9	43.25	cps
Nickel	60-2	2787	2954	2710	2817	4.42	cps
Phosphorus	31-2	142	92	117	117	21.43	cps
Potassium	39-2	158836	161501	160042	160126	0.83	cps
Rhodium	103-1	2425899	2517143	2399079	2447374	2.53	cps
Rhodium	103-2	1140610	1137408	1115734	1131251	1.20	cps
Scandium	45-1	2039286	2028424	2068871	2045527	1.02	cps
Scandium	45-2	70385	71671	70090	70715	1.19	cps
Selenium	82-1	53	29	44	42	28.83	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	47	34	57	46	25.08	cps
Silicon	28-1	11121685	11181002	10922894	11075194	1.22	cps
Silver	107-1	42	42	58	47	20.38	cps
Silver	109-1	33	8	17	19	65.47	cps
Sodium	23-2	1702025	1788125	1792999	1761049	2.91	cps
Strontium	86-1	668561	684791	677628	676993	1.20	cps
Strontium	88-1	5814745	5649264	5773807	5745939	1.50	cps
Sulfur	34-1	993106	997027	971661	987264	1.38	cps
Terbium	159-1	2910025	2966979	2988049	2955018	1.37	cps
Terbium	159-2	1418509	1408604	1419808	1415640	0.43	cps
Thallium	203-1	292	183	208	228	24.90	cps
Thallium	205-1	533	450	442	475	10.67	cps
Tin	118-1	192	333	275	267	26.70	cps

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	O1603-02	Instrumnet Name :	P8
Client Sample ID :	YBL49D	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 16:18:31	DataFile Name :	035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	492	508	600	533	10.94	cps
Uranium	238-1	2517	2575	2325	2473	5.29	cps
Vanadium	51-2	237	237	227	233	2.47	cps
Ytterbium	172-1	25	17	25	22	21.64	cps
Ytterbium	172-2	11	6	17	11	49.99	cps
Ytterbium	176-1	500	400	408	436	12.72	cps
Ytterbium	176-2	3073	3395	3278	3249	5.02	cps
Yttrium	89-1	3502737	3522408	3499843	3508329	0.35	cps
Yttrium	89-2	432950	437881	429404	433412	0.98	cps
Zinc	66-2	2110	2170	2174	2151	1.66	cps
Zirconium	90-1	267	308	300	292	7.56	cps
Zirconium	91-1	58	33	83	58	42.87	cps

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	O1603-01LX5	Instrumnet Name :	P8
Client Sample ID :	YBL49L	Dilution Factor :	5
Date & Time Acquired :	2023-02-24 16:21:43	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	186	182	205	191	6.30	cps
Antimony	121-1	175	200	100	158	32.87	cps
Arsenic	75-2	5	3	5	4	26.65	cps
Barium	135-1	5760	5526	5076	5454	6.37	cps
Barium	137-1	9195	9387	9078	9220	1.69	cps
Beryllium	9-1	111	110	106	109	2.38	cps
Bismuth	209-1	1866883	1782737	1772382	1807334	2.87	cps
Bismuth	209-2	982166	1001765	997674	993868	1.04	cps
Boron	10-1	21918	21940	22084	21981	0.41	cps
Boron	11-1	94287	94244	93808	94113	0.28	cps
Bromine	81-1	32451	33184	32451	32695	1.29	cps
Cadmium	111-1	828	828	971	876	9.39	cps
Cadmium	106-1	1192	1233	1425	1283	9.70	cps
Cadmium	108-1	8	50	50	36	66.62	cps
Calcium	43-1	120373	119604	117896	119291	1.06	cps
Calcium	44-1	1898578	1903372	1871729	1891226	0.90	cps
Carbon	12-1	4314454	4391559	4361657	4355890	0.89	cps
Carbon	12-2	48589	49593	48489	48890	1.25	cps
Chlorine	35-1	309999	309323	305994	308438	0.70	cps
Chlorine	35-2	2259	2384	2375	2339	2.99	cps
Chromium	52-2	410	393	473	426	9.92	cps
Cobalt	59-2	127	80	107	104	22.42	cps
Copper	63-2	477	523	453	484	7.36	cps
Dysprosium	156-1	0	25	8	11	114.58	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	25	33	25	28	17.31	cps
Erbium	164-2	3	7	0	3	100.05	cps
Gadolinium	160-1	50	17	33	33	50.00	cps
Gadolinium	160-2	37	43	57	46	22.36	cps
Holmium	165-1	2853624	2848342	2952329	2884765	2.03	cps
Holmium	165-2	1447419	1426956	1403051	1425808	1.56	cps
Indium	115-1	2556342	2593669	2481229	2543747	2.25	cps
Indium	115-2	430580	439040	437814	435812	1.05	cps
Iron	54-2	783	733	717	744	4.66	cps
Iron	56-2	7313	7057	7102	7157	1.91	cps
Iron	57-2	522	606	533	554	8.17	cps

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	O1603-01LX5	Instrumnet Name :	P8
Client Sample ID :	YBL49L	Dilution Factor :	5
Date & Time Acquired :	2023-02-24 16:21:43	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	259	265	274	266	2.83	cps
Lead	206-1	350	333	306	330	6.81	cps
Lead	207-1	306	300	300	302	1.06	cps
Lead	208-1	1472	1289	1378	1380	6.65	cps
Lithium	6-1	2545972	2453197	2441804	2480324	2.30	cps
Magnesium	24-2	675481	670741	658285	668169	1.33	cps
Manganese	55-2	3317	3384	3184	3295	3.09	cps
Molybdenum	94-1	142	233	183	186	24.66	cps
Molybdenum	95-1	250	233	133	206	30.70	cps
Molybdenum	96-1	258	258	317	278	12.13	cps
Molybdenum	97-1	142	117	142	133	10.83	cps
Molybdenum	98-1	175	325	283	261	29.65	cps
Neodymium	150-1	33	0	7	13	132.27	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	613	583	560	586	4.57	cps
Phosphorus	31-2	92	142	83	106	29.89	cps
Potassium	39-2	54578	53065	54152	53932	1.45	cps
Rhodium	103-1	2517212	2525068	2470725	2504335	1.17	cps
Rhodium	103-2	1137547	1167299	1148551	1151132	1.31	cps
Scandium	45-1	2116699	2139816	2114287	2123601	0.66	cps
Scandium	45-2	71772	71172	71671	71539	0.45	cps
Selenium	82-1	9	-21	16	1	1587.45	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	55	36	33	41	28.88	cps
Silicon	28-1	3182630	3201014	3208943	3197529	0.42	cps
Silver	107-1	33	25	33	31	15.74	cps
Silver	109-1	50	17	8	25	88.19	cps
Sodium	23-2	362023	350082	347143	353083	2.23	cps
Strontium	86-1	134974	136347	128625	133315	3.09	cps
Strontium	88-1	1161873	1132104	1146827	1146935	1.30	cps
Sulfur	34-1	551453	549619	544255	548442	0.68	cps
Terbium	159-1	2908321	3062066	3113363	3027916	3.52	cps
Terbium	159-2	1354547	1442206	1425036	1407263	3.30	cps
Thallium	203-1	158	58	125	114	44.71	cps
Thallium	205-1	317	208	292	272	20.84	cps
Tin	118-1	167	275	208	217	25.22	cps

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	O1603-01LX5	Instrumnet Name :	P8
Client Sample ID :	YBL49L	Dilution Factor :	5
Date & Time Acquired :	2023-02-24 16:21:43	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	258	233	292	261	11.21	cps
Uranium	238-1	458	517	517	497	6.77	cps
Vanadium	51-2	60	67	27	51	41.93	cps
Ytterbium	172-1	67	42	33	47	36.74	cps
Ytterbium	172-2	0	11	11	7	86.60	cps
Ytterbium	176-1	342	450	350	381	15.84	cps
Ytterbium	176-2	3006	3384	3362	3250	6.52	cps
Yttrium	89-1	3673655	3610186	3681368	3655070	1.07	cps
Yttrium	89-2	429631	443043	438365	437013	1.56	cps
Zinc	66-2	493	527	507	509	3.30	cps
Zirconium	90-1	158	183	175	172	7.39	cps
Zirconium	91-1	42	50	58	50	16.66	cps

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	O1603-03	Instrumnet Name :	P8
Client Sample ID :	YBL49S	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 16:30:21	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	53495	51558	51657	52237	2.09	cps
Antimony	121-1	216388	213212	214652	214751	0.74	cps
Arsenic	75-2	3254	3282	3072	3202	3.56	cps
Barium	135-1	943840	935351	908233	929141	2.00	cps
Barium	137-1	1641590	1641040	1595095	1625909	1.64	cps
Beryllium	9-1	78237	77692	76706	77545	1.00	cps
Bismuth	209-1	1691860	1747526	1807779	1749055	3.31	cps
Bismuth	209-2	963587	979261	965861	969569	0.87	cps
Boron	10-1	70865	74661	75099	73542	3.17	cps
Boron	11-1	294395	316038	323753	311395	4.89	cps
Bromine	81-1	34578	36856	39265	36900	6.35	cps
Cadmium	111-1	31103	31311	30183	30866	1.95	cps
Cadmium	106-1	3917	3934	4117	3990	2.78	cps
Cadmium	108-1	1984	2054	2054	2031	2.01	cps
Calcium	43-1	590405	591572	588413	590130	0.27	cps
Calcium	44-1	9122590	9477954	8976180	9192241	2.81	cps
Carbon	12-1	7271093	7815106	8095331	7727177	5.42	cps
Carbon	12-2	95694	95979	95519	95731	0.24	cps
Chlorine	35-1	4437683	4901776	5329068	4889509	9.12	cps
Chlorine	35-2	46902	48064	48733	47899	1.93	cps
Chromium	52-2	138339	136761	134397	136499	1.45	cps
Cobalt	59-2	596774	605824	592948	598515	1.10	cps
Copper	63-2	227929	229137	223131	226733	1.40	cps
Dysprosium	156-1	25	42	50	39	32.73	cps
Dysprosium	156-2	27	17	27	23	24.74	cps
Erbium	164-1	25	117	58	67	69.60	cps
Erbium	164-2	13	30	13	19	50.96	cps
Gadolinium	160-1	25	25	42	31	31.50	cps
Gadolinium	160-2	50	83	53	62	29.50	cps
Holmium	165-1	2806704	2792632	3031373	2876903	4.66	cps
Holmium	165-2	1377281	1426142	1428303	1410575	2.05	cps
Indium	115-1	2335865	2463857	2527852	2442525	4.00	cps
Indium	115-2	414337	423740	414587	417554	1.28	cps
Iron	54-2	37683	36246	37037	36989	1.95	cps
Iron	56-2	588069	605680	588446	594065	1.69	cps
Iron	57-2	16260	16538	16387	16395	0.85	cps

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	O1603-03	Instrumnet Name :	P8
Client Sample ID :	YBL49S	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 16:30:21	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	241	237	247	242	2.09	cps
Lead	206-1	30648	29233	29729	29870	2.40	cps
Lead	207-1	25815	26778	26773	26455	2.10	cps
Lead	208-1	120510	121092	118611	120071	1.08	cps
Lithium	6-1	2439018	2500398	2584951	2508123	2.92	cps
Magnesium	24-2	3506264	3327106	3406732	3413367	2.63	cps
Manganese	55-2	193836	196545	195665	195349	0.71	cps
Molybdenum	94-1	592	542	642	592	8.45	cps
Molybdenum	95-1	650	850	642	714	16.52	cps
Molybdenum	96-1	908	733	825	822	10.65	cps
Molybdenum	97-1	483	350	325	386	22.05	cps
Molybdenum	98-1	1283	1283	1108	1225	8.25	cps
Neodymium	150-1	100	140	160	133	22.91	cps
Neodymium	150-2	10	3	27	13	90.16	cps
Nickel	60-2	166484	166581	162082	165049	1.56	cps
Phosphorus	31-2	167	125	92	128	29.41	cps
Potassium	39-2	160396	159379	157244	159006	1.01	cps
Rhodium	103-1	2300624	2389777	2496154	2395518	4.09	cps
Rhodium	103-2	1109698	1130781	1131642	1124040	1.11	cps
Scandium	45-1	1994024	1986263	2147858	2042715	4.46	cps
Scandium	45-2	70100	71035	70462	70532	0.67	cps
Selenium	82-1	5751	5612	5658	5673	1.25	cps
Selenium	77-2	240	200	167	202	18.16	cps
Selenium	78-2	653	722	684	686	5.04	cps
Silicon	28-1	10961190	10995292	10859034	10938505	0.65	cps
Silver	107-1	141271	142383	140151	141268	0.79	cps
Silver	109-1	135236	137729	131131	134699	2.47	cps
Sodium	23-2	1802830	1743036	1744427	1763431	1.94	cps
Strontium	86-1	679547	665840	668025	671137	1.10	cps
Strontium	88-1	5698601	5730829	5571412	5666947	1.49	cps
Sulfur	34-1	1007382	1013630	993016	1004676	1.05	cps
Terbium	159-1	2885782	3038784	3132529	3019032	4.13	cps
Terbium	159-2	1376004	1396711	1391030	1387915	0.77	cps
Thallium	203-1	89988	92538	90483	91003	1.49	cps
Thallium	205-1	215162	210495	213961	213206	1.14	cps
Tin	118-1	333	317	325	325	2.56	cps

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	O1603-03	Instrumnet Name :	P8
Client Sample ID :	YBL49S	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 16:30:21	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	525	458	475	486	7.14	cps
Uranium	238-1	2400	1934	2400	2245	12.01	cps
Vanadium	51-2	280020	279045	275726	278264	0.81	cps
Ytterbium	172-1	17	25	58	33	66.13	cps
Ytterbium	172-2	17	11	11	13	24.76	cps
Ytterbium	176-1	358	517	592	489	24.37	cps
Ytterbium	176-2	3206	3312	3334	3284	2.08	cps
Yttrium	89-1	3406391	3504547	3683852	3531597	3.98	cps
Yttrium	89-2	427219	421146	429901	426089	1.05	cps
Zinc	66-2	60703	60251	59417	60124	1.08	cps
Zirconium	90-1	208	258	292	253	16.59	cps
Zirconium	91-1	192	50	75	106	71.65	cps

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	O1604-01	Instrumnet Name :	P8
Client Sample ID :	YBL50	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 16:33:32	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	160	157	192	170	11.49	cps
Antimony	121-1	650	750	617	672	10.32	cps
Arsenic	75-2	19	21	27	22	18.64	cps
Barium	135-1	25825	25533	26243	25867	1.38	cps
Barium	137-1	45193	45704	45845	45580	0.75	cps
Beryllium	9-1	126	119	105	117	9.24	cps
Bismuth	209-1	1713856	1753458	1792209	1753174	2.23	cps
Bismuth	209-2	963523	969115	954320	962320	0.78	cps
Boron	10-1	74746	78309	78434	77163	2.71	cps
Boron	11-1	318002	335461	341215	331559	3.65	cps
Bromine	81-1	37157	36695	37499	37117	1.09	cps
Cadmium	111-1	992	833	945	923	8.89	cps
Cadmium	106-1	1392	1150	1358	1300	10.08	cps
Cadmium	108-1	4	8	38	17	108.97	cps
Calcium	43-1	595006	601801	580890	592566	1.80	cps
Calcium	44-1	9263373	9670337	9156464	9363392	2.90	cps
Carbon	12-1	6549575	6966302	7235791	6917222	5.00	cps
Carbon	12-2	85499	85808	85767	85691	0.20	cps
Chlorine	35-1	2063000	1979420	1879369	1973930	4.66	cps
Chlorine	35-2	14608	12773	12472	13284	8.70	cps
Chromium	52-2	697	747	723	722	3.46	cps
Cobalt	59-2	343	367	320	343	6.80	cps
Copper	63-2	957	883	987	942	5.64	cps
Dysprosium	156-1	25	17	33	25	33.32	cps
Dysprosium	156-2	3	10	3	6	69.34	cps
Erbium	164-1	33	67	33	44	43.31	cps
Erbium	164-2	7	10	20	12	56.76	cps
Gadolinium	160-1	17	50	17	28	69.27	cps
Gadolinium	160-2	33	53	67	51	32.83	cps
Holmium	165-1	2819438	2852755	2837743	2836645	0.59	cps
Holmium	165-2	1404429	1402377	1388307	1398371	0.63	cps
Indium	115-1	2451355	2391899	2449338	2430864	1.39	cps
Indium	115-2	420194	412910	412092	415065	1.07	cps
Iron	54-2	722	761	822	769	6.56	cps
Iron	56-2	6885	6763	6457	6702	3.29	cps
Iron	57-2	1606	1717	1689	1670	3.46	cps

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	O1604-01	Instrumnet Name :	P8
Client Sample ID :	YBL50	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 16:33:32	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	210	285	267	254	15.44	cps
Lead	206-1	389	306	394	363	13.72	cps
Lead	207-1	228	239	317	261	18.55	cps
Lead	208-1	1300	1222	1339	1287	4.62	cps
Lithium	6-1	2441501	2504467	2457172	2467714	1.33	cps
Magnesium	24-2	3446356	3356765	3306409	3369843	2.10	cps
Manganese	55-2	15312	15165	15228	15235	0.48	cps
Molybdenum	94-1	483	433	533	483	10.35	cps
Molybdenum	95-1	575	783	942	767	23.99	cps
Molybdenum	96-1	733	658	758	717	7.26	cps
Molybdenum	97-1	392	467	500	453	12.25	cps
Molybdenum	98-1	1208	917	1008	1045	14.28	cps
Neodymium	150-1	20	33	53	36	47.19	cps
Neodymium	150-2	0	10	0	3	173.21	cps
Nickel	60-2	2457	2600	2677	2578	4.33	cps
Phosphorus	31-2	108	83	183	125	41.63	cps
Potassium	39-2	160227	159592	158489	159436	0.55	cps
Rhodium	103-1	2388724	2305353	2327740	2340606	1.84	cps
Rhodium	103-2	1102939	1102731	1110892	1105521	0.42	cps
Scandium	45-1	2032675	1987399	2004971	2008348	1.14	cps
Scandium	45-2	70016	68405	70308	69577	1.47	cps
Selenium	82-1	76	-3	16	30	137.12	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	41	39	37	39	5.13	cps
Silicon	28-1	10918091	10936105	10826479	10893558	0.54	cps
Silver	107-1	42	67	67	58	24.74	cps
Silver	109-1	67	33	25	42	52.92	cps
Sodium	23-2	1829279	1749063	1748778	1775707	2.61	cps
Strontium	86-1	673843	688171	664799	675605	1.74	cps
Strontium	88-1	5623182	5968904	5804112	5798733	2.98	cps
Sulfur	34-1	1043664	1028908	1016491	1029688	1.32	cps
Terbium	159-1	2949137	2902337	3004423	2951966	1.73	cps
Terbium	159-2	1385774	1385658	1355156	1375529	1.28	cps
Thallium	203-1	267	150	192	203	29.16	cps
Thallium	205-1	767	617	642	675	11.91	cps
Tin	118-1	250	267	233	250	6.67	cps

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	O1604-01	Instrumnet Name :	P8
Client Sample ID :	YBL50	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 16:33:32	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	500	500	383	461	14.61	cps
Uranium	238-1	2492	2617	2692	2600	3.89	cps
Vanadium	51-2	230	267	253	250	7.42	cps
Ytterbium	172-1	17	50	50	39	49.48	cps
Ytterbium	172-2	17	6	11	11	49.99	cps
Ytterbium	176-1	417	483	425	442	8.22	cps
Ytterbium	176-2	3134	2950	3067	3050	3.04	cps
Yttrium	89-1	3488248	3545006	3639823	3557692	2.15	cps
Yttrium	89-2	420233	423174	414703	419370	1.03	cps
Zinc	66-2	2027	1813	1853	1898	5.98	cps
Zirconium	90-1	133	258	258	217	33.31	cps
Zirconium	91-1	58	50	75	61	20.83	cps

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	O1604-02	Instrumnet Name :	P8
Client Sample ID :	YBL50D	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 16:36:51	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	215	192	206	205	5.54	cps
Antimony	121-1	642	617	708	656	7.23	cps
Arsenic	75-2	15	22	24	20	23.24	cps
Barium	135-1	26619	26685	26151	26485	1.10	cps
Barium	137-1	46515	45561	45410	45829	1.31	cps
Beryllium	9-1	86	99	117	101	15.60	cps
Bismuth	209-1	1716700	1737004	1747110	1733605	0.89	cps
Bismuth	209-2	962095	971470	900054	944540	4.11	cps
Boron	10-1	75600	78563	79758	77974	2.75	cps
Boron	11-1	321115	333748	335770	330211	2.41	cps
Bromine	81-1	37207	35953	39195	37452	4.36	cps
Cadmium	111-1	1083	927	808	939	14.69	cps
Cadmium	106-1	1550	1317	1108	1325	16.68	cps
Cadmium	108-1	33	17	8	19	65.47	cps
Calcium	43-1	594488	599326	585478	593097	1.19	cps
Calcium	44-1	9254179	9493410	9359889	9369159	1.28	cps
Carbon	12-1	6734060	7272460	7617516	7208012	6.18	cps
Carbon	12-2	89874	94353	89580	91269	2.93	cps
Chlorine	35-1	1231100	1204455	1196610	1210722	1.49	cps
Chlorine	35-2	9203	8644	8194	8681	5.82	cps
Chromium	52-2	680	560	550	597	12.12	cps
Cobalt	59-2	297	303	357	319	10.31	cps
Copper	63-2	830	883	863	859	3.14	cps
Dysprosium	156-1	33	25	42	33	25.01	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	42	42	25	36	26.65	cps
Erbium	164-2	10	13	23	16	44.60	cps
Gadolinium	160-1	50	0	25	25	100.00	cps
Gadolinium	160-2	40	43	60	48	22.43	cps
Holmium	165-1	2838864	2777800	2888841	2835168	1.96	cps
Holmium	165-2	1390962	1428530	1308427	1375973	4.47	cps
Indium	115-1	2380353	2518010	2510828	2469731	3.14	cps
Indium	115-2	414451	418947	391477	408292	3.61	cps
Iron	54-2	744	706	767	739	4.19	cps
Iron	56-2	6741	6918	7085	6915	2.49	cps
Iron	57-2	1711	1806	1483	1667	9.94	cps

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	O1604-02	Instrumnet Name :	P8
Client Sample ID :	YBL50D	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 16:36:51	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	275	249	257	260	5.13	cps
Lead	206-1	333	406	350	363	10.42	cps
Lead	207-1	239	306	328	291	15.91	cps
Lead	208-1	1189	1433	1389	1337	9.74	cps
Lithium	6-1	2440708	2447699	2472092	2453500	0.67	cps
Magnesium	24-2	3505523	3474220	3373922	3451222	1.99	cps
Manganese	55-2	15415	14915	15145	15158	1.65	cps
Molybdenum	94-1	508	492	408	469	11.41	cps
Molybdenum	95-1	675	742	658	692	6.38	cps
Molybdenum	96-1	775	933	808	839	9.95	cps
Molybdenum	97-1	367	383	442	397	9.91	cps
Molybdenum	98-1	1075	942	1075	1031	7.47	cps
Neodymium	150-1	13	20	20	18	21.66	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	2637	2484	2464	2528	3.75	cps
Phosphorus	31-2	142	150	125	139	9.17	cps
Potassium	39-2	159619	155897	156014	157177	1.35	cps
Rhodium	103-1	2330000	2390607	2413217	2377941	1.81	cps
Rhodium	103-2	1107753	1092892	1048976	1083207	2.82	cps
Scandium	45-1	1951541	2041391	2044212	2012381	2.62	cps
Scandium	45-2	70311	69625	64876	68271	4.34	cps
Selenium	82-1	-18	41	6	10	295.54	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	42	42	46	43	5.33	cps
Silicon	28-1	11136784	10844893	10822615	10934764	1.60	cps
Silver	107-1	75	17	42	44	65.84	cps
Silver	109-1	67	17	8	31	103.26	cps
Sodium	23-2	1774514	1748088	1720343	1747648	1.55	cps
Strontium	86-1	664216	667468	648233	659972	1.56	cps
Strontium	88-1	5777208	5910889	5711206	5799768	1.75	cps
Sulfur	34-1	1047899	1049235	1003781	1033639	2.50	cps
Terbium	159-1	2900560	2950479	2946127	2932389	0.94	cps
Terbium	159-2	1353383	1417835	1301893	1357704	4.28	cps
Thallium	203-1	158	175	192	175	9.52	cps
Thallium	205-1	575	617	483	558	12.22	cps
Tin	118-1	183	250	267	233	18.90	cps

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	O1604-02	Instrumnet Name :	P8
Client Sample ID :	YBL50D	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 16:36:51	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	458	475	608	514	16.00	cps
Uranium	238-1	2242	2442	2184	2289	5.92	cps
Vanadium	51-2	283	207	190	227	21.96	cps
Ytterbium	172-1	58	25	33	39	44.62	cps
Ytterbium	172-2	22	6	6	11	86.55	cps
Ytterbium	176-1	325	358	367	350	6.30	cps
Ytterbium	176-2	3267	3217	3139	3208	2.01	cps
Yttrium	89-1	3449416	3450863	3524003	3474761	1.23	cps
Yttrium	89-2	420008	415816	399754	411859	2.60	cps
Zinc	66-2	1890	1793	1950	1878	4.21	cps
Zirconium	90-1	242	167	233	214	19.22	cps
Zirconium	91-1	17	67	92	58	65.46	cps

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	O1604-01LX5	Instrumnet Name :	P8
Client Sample ID :	YBL50L	Dilution Factor :	5
Date & Time Acquired :	2023-02-24 16:40:02	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	87	95	96	93	5.09	cps
Antimony	121-1	67	158	167	131	42.50	cps
Arsenic	75-2	4	7	6	6	26.96	cps
Barium	135-1	5301	4943	4626	4957	6.82	cps
Barium	137-1	8912	8962	8511	8795	2.81	cps
Beryllium	9-1	82	70	76	76	8.20	cps
Bismuth	209-1	1893834	1822860	1770478	1829057	3.38	cps
Bismuth	209-2	1014531	1020719	993470	1009573	1.41	cps
Boron	10-1	23708	23863	23843	23805	0.35	cps
Boron	11-1	101279	101741	98626	100549	1.67	cps
Bromine	81-1	31939	30906	31397	31414	1.64	cps
Cadmium	111-1	909	878	937	908	3.26	cps
Cadmium	106-1	1283	1242	1342	1289	3.90	cps
Cadmium	108-1	8	29	21	19	53.95	cps
Calcium	43-1	119263	118624	113784	117224	2.56	cps
Calcium	44-1	1941509	1904021	1807242	1884258	3.68	cps
Carbon	12-1	4351603	4423339	4425869	4400270	0.96	cps
Carbon	12-2	50044	49534	48715	49431	1.36	cps
Chlorine	35-1	806468	797547	774151	792722	2.11	cps
Chlorine	35-2	5585	5560	5368	5504	2.15	cps
Chromium	52-2	300	413	353	356	15.95	cps
Cobalt	59-2	87	110	103	100	12.02	cps
Copper	63-2	443	463	420	442	4.90	cps
Dysprosium	156-1	25	17	0	14	91.65	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	25	25	0	17	86.60	cps
Erbium	164-2	27	30	0	19	87.05	cps
Gadolinium	160-1	42	33	8	28	62.46	cps
Gadolinium	160-2	40	37	57	44	24.11	cps
Holmium	165-1	2950864	2854438	2875329	2893543	1.75	cps
Holmium	165-2	1424109	1424520	1374141	1407590	2.06	cps
Indium	115-1	2632859	2560339	2380065	2524421	5.16	cps
Indium	115-2	429239	424703	405783	419908	2.96	cps
Iron	54-2	511	567	433	504	13.30	cps
Iron	56-2	3262	3589	3289	3380	5.38	cps
Iron	57-2	456	539	500	498	8.37	cps

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	O1604-01LX5	Instrumnet Name :	P8
Client Sample ID :	YBL50L	Dilution Factor :	5
Date & Time Acquired :	2023-02-24 16:40:02	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	257	272	224	251	9.94	cps
Lead	206-1	222	300	294	272	15.94	cps
Lead	207-1	294	272	256	274	7.12	cps
Lead	208-1	1094	1178	1072	1115	4.99	cps
Lithium	6-1	2543875	2581393	2435867	2520378	3.00	cps
Magnesium	24-2	679498	672719	667292	673169	0.91	cps
Manganese	55-2	3117	2917	3150	3061	4.12	cps
Molybdenum	94-1	158	183	158	167	8.66	cps
Molybdenum	95-1	158	133	225	172	27.51	cps
Molybdenum	96-1	292	267	183	247	22.94	cps
Molybdenum	97-1	133	58	117	103	38.32	cps
Molybdenum	98-1	250	292	217	253	14.86	cps
Neodymium	150-1	13	13	7	11	34.61	cps
Neodymium	150-2	0	10	0	3	173.21	cps
Nickel	60-2	523	553	563	547	3.81	cps
Phosphorus	31-2	92	117	192	133	39.03	cps
Potassium	39-2	53357	54554	52563	53491	1.87	cps
Rhodium	103-1	2465865	2474929	2395981	2445592	1.77	cps
Rhodium	103-2	1143886	1152763	1099377	1132009	2.53	cps
Scandium	45-1	2139929	2069404	1984185	2064506	3.78	cps
Scandium	45-2	70308	68884	69324	69505	1.05	cps
Selenium	82-1	23	-64	43	0	13442.11	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	33	40	44	39	14.28	cps
Silicon	28-1	3211570	3226679	3149766	3196005	1.28	cps
Silver	107-1	42	50	67	53	24.12	cps
Silver	109-1	25	58	0	28	105.35	cps
Sodium	23-2	358952	351587	351010	353850	1.25	cps
Strontium	86-1	132855	135153	129496	132501	2.15	cps
Strontium	88-1	1140720	1142251	1108827	1130599	1.67	cps
Sulfur	34-1	569185	568299	560612	566032	0.83	cps
Terbium	159-1	3183825	2935193	3022138	3047052	4.14	cps
Terbium	159-2	1371395	1387094	1354985	1371158	1.17	cps
Thallium	203-1	92	83	117	97	17.84	cps
Thallium	205-1	200	425	250	292	40.51	cps
Tin	118-1	175	233	200	203	14.43	cps

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	O1604-01LX5	Instrumnet Name :	P8
Client Sample ID :	YBL50L	Dilution Factor :	5
Date & Time Acquired :	2023-02-24 16:40:02	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	175	267	242	228	20.80	cps
Uranium	238-1	492	375	558	475	19.54	cps
Vanadium	51-2	43	67	50	53	22.54	cps
Ytterbium	172-1	17	25	8	17	50.01	cps
Ytterbium	172-2	0	6	6	4	86.60	cps
Ytterbium	176-1	492	458	433	461	6.35	cps
Ytterbium	176-2	2800	3317	3206	3108	8.75	cps
Yttrium	89-1	3547046	3542358	3649264	3579556	1.69	cps
Yttrium	89-2	436231	423504	415879	425205	2.42	cps
Zinc	66-2	467	380	463	437	11.24	cps
Zirconium	90-1	142	208	267	206	30.43	cps
Zirconium	91-1	58	67	50	58	14.29	cps

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	O1604-03	Instrumnet Name :	P8
Client Sample ID :	YBL50S	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 16:48:19	DataFile Name :	043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	52999	51800	51516	52105	1.51	cps
Antimony	121-1	207162	219015	211495	212557	2.82	cps
Arsenic	75-2	3140	3230	3093	3154	2.21	cps
Barium	135-1	924533	918914	919907	921118	0.33	cps
Barium	137-1	1592473	1573219	1594788	1586827	0.75	cps
Beryllium	9-1	77482	78293	77583	77786	0.57	cps
Bismuth	209-1	1714787	1707731	1716348	1712955	0.27	cps
Bismuth	209-2	940737	955564	944307	946869	0.82	cps
Boron	10-1	69342	74036	75668	73016	4.50	cps
Boron	11-1	298038	316982	317802	310941	3.60	cps
Bromine	81-1	35782	35632	35281	35565	0.72	cps
Cadmium	111-1	30493	31683	30155	30777	2.61	cps
Cadmium	106-1	3717	4109	3676	3834	6.24	cps
Cadmium	108-1	1921	2038	1908	1956	3.64	cps
Calcium	43-1	585689	580542	579456	581896	0.57	cps
Calcium	44-1	9262527	9057466	9117034	9145676	1.15	cps
Carbon	12-1	6629974	7037705	7427003	7031560	5.67	cps
Carbon	12-2	88810	89697	89682	89396	0.57	cps
Chlorine	35-1	4936511	5407723	5762299	5368844	7.72	cps
Chlorine	35-2	49469	50873	51425	50589	1.99	cps
Chromium	52-2	136864	135907	134658	135810	0.81	cps
Cobalt	59-2	604737	586769	584302	591936	1.88	cps
Copper	63-2	228778	221351	223231	224453	1.72	cps
Dysprosium	156-1	67	33	0	33	100.01	cps
Dysprosium	156-2	17	20	17	18	10.81	cps
Erbium	164-1	67	75	50	64	19.92	cps
Erbium	164-2	13	20	10	14	35.26	cps
Gadolinium	160-1	25	25	33	28	17.31	cps
Gadolinium	160-2	37	63	57	52	26.57	cps
Holmium	165-1	2744825	2837923	2868582	2817110	2.29	cps
Holmium	165-2	1335929	1360332	1359693	1351985	1.03	cps
Indium	115-1	2347672	2438243	2373492	2386469	1.96	cps
Indium	115-2	399882	406907	397441	401410	1.22	cps
Iron	54-2	37121	36241	35394	36252	2.38	cps
Iron	56-2	584625	574772	571121	576839	1.21	cps
Iron	57-2	16788	15525	15459	15924	4.70	cps

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	O1604-03	Instrumnet Name :	P8
Client Sample ID :	YBL50S	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 16:48:19	DataFile Name :	043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	289	255	239	261	9.78	cps
Lead	206-1	29723	29456	29139	29439	0.99	cps
Lead	207-1	26160	26600	26433	26398	0.84	cps
Lead	208-1	119992	120544	118218	119584	1.02	cps
Lithium	6-1	2498426	2451632	2581466	2510508	2.62	cps
Magnesium	24-2	3378441	3470957	3378567	3409321	1.57	cps
Manganese	55-2	195204	192860	192705	193590	0.72	cps
Molybdenum	94-1	408	483	525	472	12.52	cps
Molybdenum	95-1	792	808	750	783	3.84	cps
Molybdenum	96-1	900	700	750	783	13.29	cps
Molybdenum	97-1	358	483	350	397	18.80	cps
Molybdenum	98-1	1108	1142	1308	1186	9.03	cps
Neodymium	150-1	153	100	160	138	23.87	cps
Neodymium	150-2	20	13	17	17	20.01	cps
Nickel	60-2	167715	162172	165013	164967	1.68	cps
Phosphorus	31-2	142	108	117	122	14.19	cps
Potassium	39-2	159046	153520	155593	156053	1.79	cps
Rhodium	103-1	2303950	2329127	2330359	2321145	0.64	cps
Rhodium	103-2	1080047	1073500	1067322	1073623	0.59	cps
Scandium	45-1	2036633	1976326	2004578	2005846	1.50	cps
Scandium	45-2	67964	68559	68522	68348	0.49	cps
Selenium	82-1	5482	5534	5328	5448	1.97	cps
Selenium	77-2	180	200	177	186	6.80	cps
Selenium	78-2	663	638	656	652	1.98	cps
Silicon	28-1	10796291	10770478	10623823	10730197	0.87	cps
Silver	107-1	137864	138923	140709	139165	1.03	cps
Silver	109-1	135836	137828	131627	135097	2.34	cps
Sodium	23-2	1749491	1775893	1742917	1756100	0.99	cps
Strontium	86-1	643912	649309	661382	651534	1.37	cps
Strontium	88-1	5483814	5570426	5692684	5582308	1.88	cps
Sulfur	34-1	1017546	1027479	1023904	1022976	0.49	cps
Terbium	159-1	2828846	2864241	2895846	2862977	1.17	cps
Terbium	159-2	1350447	1343219	1322127	1338598	1.10	cps
Thallium	203-1	89266	90332	94361	91320	2.94	cps
Thallium	205-1	212869	217494	211577	213980	1.45	cps
Tin	118-1	542	658	633	611	10.05	cps

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	O1604-03	Instrumnet Name :	P8
Client Sample ID :	YBL50S	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 16:48:19	DataFile Name :	043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	517	400	408	442	14.74	cps
Uranium	238-1	2342	2342	2325	2336	0.41	cps
Vanadium	51-2	278652	274663	272476	275264	1.14	cps
Ytterbium	172-1	17	42	33	31	41.66	cps
Ytterbium	172-2	17	11	11	13	24.76	cps
Ytterbium	176-1	358	492	483	444	16.81	cps
Ytterbium	176-2	3256	3228	3300	3262	1.12	cps
Yttrium	89-1	3413940	3411884	3549118	3458314	2.27	cps
Yttrium	89-2	408845	402274	406843	405987	0.83	cps
Zinc	66-2	59729	58708	59444	59294	0.89	cps
Zirconium	90-1	258	250	250	253	1.90	cps
Zirconium	91-1	58	100	117	92	32.78	cps

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	O1604-04	Instrumnet Name :	P8
Client Sample ID :	YBL51	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 16:51:30	DataFile Name :	044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2187	2190	2096	2158	2.48	cps
Antimony	121-1	500	342	375	406	20.58	cps
Arsenic	75-2	19	25	21	22	14.10	cps
Barium	135-1	1558	1467	1483	1503	3.25	cps
Barium	137-1	2842	2634	2409	2628	8.25	cps
Beryllium	9-1	132	125	135	131	3.97	cps
Bismuth	209-1	1717291	1782643	1779064	1759666	2.09	cps
Bismuth	209-2	950381	941259	944233	945291	0.49	cps
Boron	10-1	10474	9825	9509	9936	4.95	cps
Boron	11-1	44885	42428	38911	42075	7.14	cps
Bromine	81-1	29812	28629	29461	29301	2.07	cps
Cadmium	111-1	833	830	895	853	4.28	cps
Cadmium	106-1	1175	1183	1283	1214	4.97	cps
Cadmium	108-1	8	21	17	15	41.67	cps
Calcium	43-1	6224	6217	6008	6150	2.00	cps
Calcium	44-1	108042	107297	105555	106964	1.19	cps
Carbon	12-1	5189352	5749910	6033211	5657491	7.59	cps
Carbon	12-2	72772	71634	73233	72546	1.13	cps
Chlorine	35-1	2233407	2100788	2003432	2112542	5.46	cps
Chlorine	35-2	14091	14216	13548	13952	2.54	cps
Chromium	52-2	1063	1170	1077	1103	5.27	cps
Cobalt	59-2	107	137	127	123	12.39	cps
Copper	63-2	1927	2094	1943	1988	4.62	cps
Dysprosium	156-1	25	0	0	8	173.21	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	25	42	33	33	25.01	cps
Erbium	164-2	17	7	17	13	43.29	cps
Gadolinium	160-1	33	42	67	47	36.74	cps
Gadolinium	160-2	40	47	37	41	12.39	cps
Holmium	165-1	2691846	2831520	2841631	2788333	3.00	cps
Holmium	165-2	1349315	1322909	1366116	1346113	1.62	cps
Indium	115-1	2325801	2453734	2521257	2433597	4.08	cps
Indium	115-2	393337	403728	391416	396160	1.67	cps
Iron	54-2	2150	2067	2172	2130	2.61	cps
Iron	56-2	34993	33885	33985	34288	1.79	cps
Iron	57-2	1089	1139	911	1046	11.44	cps

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	O1604-04	Instrumnet Name :	P8
Client Sample ID :	YBL51	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 16:51:30	DataFile Name :	044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	232	239	254	242	4.52	cps
Lead	206-1	583	478	539	533	9.94	cps
Lead	207-1	494	444	411	450	9.32	cps
Lead	208-1	2339	2072	2067	2159	7.21	cps
Lithium	6-1	2460511	2527077	2498844	2495477	1.34	cps
Magnesium	24-2	4826	4751	4751	4776	0.91	cps
Manganese	55-2	410	320	330	353	13.96	cps
Molybdenum	94-1	808	800	942	850	9.35	cps
Molybdenum	95-1	158	67	83	103	47.51	cps
Molybdenum	96-1	267	225	217	236	11.35	cps
Molybdenum	97-1	25	58	33	39	44.61	cps
Molybdenum	98-1	67	25	58	50	44.10	cps
Neodymium	150-1	27	27	33	29	13.31	cps
Neodymium	150-2	7	3	17	9	78.08	cps
Nickel	60-2	83	73	57	71	18.94	cps
Phosphorus	31-2	100	58	83	81	26.04	cps
Potassium	39-2	29590	29221	28737	29183	1.46	cps
Rhodium	103-1	2304258	2329520	2480362	2371380	4.02	cps
Rhodium	103-2	1074248	1088001	1066615	1076288	1.01	cps
Scandium	45-1	1946586	2005251	2136995	2029611	4.80	cps
Scandium	45-2	65901	67032	67022	66652	0.98	cps
Selenium	82-1	-24	23	-6	-2	-935.14	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	45	38	39	41	9.31	cps
Silicon	28-1	8303485	8078740	7880897	8087707	2.61	cps
Silver	107-1	25	83	92	67	54.49	cps
Silver	109-1	50	50	83	61	31.50	cps
Sodium	23-2	191590	193185	190771	191849	0.64	cps
Strontium	86-1	2034	2042	1942	2006	2.77	cps
Strontium	88-1	13782	13557	12981	13440	3.07	cps
Sulfur	34-1	391734	390954	386803	389830	0.68	cps
Terbium	159-1	2824657	2842536	3054033	2907076	4.39	cps
Terbium	159-2	1316055	1310011	1312905	1312990	0.23	cps
Thallium	203-1	183	167	150	167	10.00	cps
Thallium	205-1	383	308	217	303	27.57	cps
Tin	118-1	2050	2367	1942	2120	10.42	cps

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	O1604-04	Instrumnet Name :	P8
Client Sample ID :	YBL51	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 16:51:30	DataFile Name :	044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1667	1467	1425	1520	8.50	cps
Uranium	238-1	8	67	42	39	75.26	cps
Vanadium	51-2	67	93	80	80	16.66	cps
Ytterbium	172-1	33	0	42	25	88.19	cps
Ytterbium	172-2	0	0	11	4	173.21	cps
Ytterbium	176-1	350	508	367	408	21.31	cps
Ytterbium	176-2	2928	2945	2956	2943	0.47	cps
Yttrium	89-1	3385898	3361293	3506586	3417926	2.28	cps
Yttrium	89-2	396457	400811	397615	398294	0.57	cps
Zinc	66-2	230	257	273	253	8.63	cps
Zirconium	90-1	2375	2359	2100	2278	6.77	cps
Zirconium	91-1	417	467	425	436	6.14	cps

LB Number : LB124288 Operator : Jaswal
 Lab Sample ID : CCV38 Instrumnet Name : P8
 Client Sample ID : CCV38 Dilution Factor : 1
 Date & Time Acquired : 2023-02-24 17:03:23 DataFile Name : 047CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1306098	1283198	1269117	1286138	1.45	cps
Antimony	121-1	1009312	990116	1000991	1000140	0.96	cps
Arsenic	75-2	37983	36416	36667	37022	2.27	cps
Barium	135-1	1123577	1133784	1125318	1127560	0.48	cps
Barium	137-1	2015065	1942077	2004387	1987176	1.98	cps
Beryllium	9-1	739419	732281	728568	733423	0.75	cps
Bismuth	209-1	1604823	1575234	1650287	1610115	2.35	cps
Bismuth	209-2	927166	906706	917525	917132	1.12	cps
Boron	10-1	334642	341010	354522	343391	2.96	cps
Boron	11-1	1313220	1366489	1414689	1364799	3.72	cps
Bromine	81-1	27174	28267	29933	28458	4.88	cps
Cadmium	111-1	275190	278978	281062	278410	1.07	cps
Cadmium	106-1	34226	34185	33734	34048	0.80	cps
Cadmium	108-1	21976	22435	22439	22283	1.19	cps
Calcium	43-1	2058704	2071218	2037405	2055776	0.83	cps
Calcium	44-1	32491585	32109807	31946390	32182594	0.87	cps
Carbon	12-1	4205080	4199321	4257262	4220554	0.76	cps
Carbon	12-2	49133	49475	50521	49710	1.45	cps
Chlorine	35-1	605894	599236	593256	599462	1.05	cps
Chlorine	35-2	4534	4259	4167	4320	4.42	cps
Chromium	52-2	317733	315138	307666	313512	1.67	cps
Cobalt	59-2	593762	581092	572585	582480	1.83	cps
Copper	63-2	4723306	4582182	4544424	4616637	2.04	cps
Dysprosium	156-1	292	217	275	261	15.08	cps
Dysprosium	156-2	120	117	137	124	8.61	cps
Erbium	164-1	58	42	42	47	20.37	cps
Erbium	164-2	33	10	10	18	75.77	cps
Gadolinium	160-1	233	333	200	256	27.15	cps
Gadolinium	160-2	187	170	123	160	20.52	cps
Holmium	165-1	2691485	2866846	2849228	2802520	3.45	cps
Holmium	165-2	1375217	1330436	1381850	1362501	2.05	cps
Indium	115-1	2242526	2240453	2383524	2288834	3.58	cps
Indium	115-2	392947	390672	391772	391797	0.29	cps
Iron	54-2	3887898	3785001	3831679	3834860	1.34	cps
Iron	56-2	70055203	68099981	68497289	68884158	1.50	cps
Iron	57-2	1793526	1733047	1680854	1735809	3.25	cps

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	CCV38	Instrumnet Name :	P8
Client Sample ID :	CCV38	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 17:03:23	DataFile Name :	047CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	260	246	262	256	3.42	cps
Lead	206-1	3901007	3923124	3907266	3910466	0.29	cps
Lead	207-1	3505463	3495599	3397280	3466114	1.73	cps
Lead	208-1	15849372	15699373	15698817	15749187	0.55	cps
Lithium	6-1	2355895	2391306	2422408	2389870	1.39	cps
Magnesium	24-2	17318987	16984796	16836427	17046737	1.45	cps
Manganese	55-2	1789573	1751265	1702131	1747656	2.51	cps
Molybdenum	94-1	3952239	3991316	3963820	3969125	0.51	cps
Molybdenum	95-1	5414500	5704330	5656514	5591781	2.78	cps
Molybdenum	96-1	6169735	6184105	6248015	6200618	0.67	cps
Molybdenum	97-1	3500537	3470686	3529667	3500296	0.84	cps
Molybdenum	98-1	8955129	8853717	8839877	8882907	0.71	cps
Neodymium	150-1	140	193	173	169	15.95	cps
Neodymium	150-2	17	23	10	17	39.99	cps
Nickel	60-2	159142	153082	152516	154913	2.37	cps
Phosphorus	31-2	16902	15308	15409	15873	5.62	cps
Potassium	39-2	5329529	5251055	5404938	5328508	1.44	cps
Rhodium	103-1	2180716	2220510	2326091	2242439	3.35	cps
Rhodium	103-2	1035118	1054441	1046617	1045392	0.93	cps
Scandium	45-1	1887079	1964031	2046766	1965959	4.06	cps
Scandium	45-2	65776	66480	67591	66616	1.37	cps
Selenium	82-1	28940	28704	28890	28845	0.43	cps
Selenium	77-2	950	863	937	917	5.09	cps
Selenium	78-2	3189	3181	3109	3159	1.40	cps
Silicon	28-1	25383171	24692928	24341860	24805986	2.14	cps
Silver	107-1	1339679	1350953	1323955	1338196	1.01	cps
Silver	109-1	1293256	1280783	1294950	1289663	0.60	cps
Sodium	23-2	31112640	30810249	29999398	30640762	1.88	cps
Strontium	86-1	8906751	9030665	8705784	8881066	1.85	cps
Strontium	88-1	76942075	76345587	76728156	76671939	0.39	cps
Sulfur	34-1	574749	570862	569390	571667	0.48	cps
Terbium	159-1	2764349	2918003	2928919	2870424	3.21	cps
Terbium	159-2	1308796	1322495	1357690	1329660	1.90	cps
Thallium	203-1	887421	876075	890144	884547	0.84	cps
Thallium	205-1	2147160	2148951	2089418	2128510	1.59	cps
Tin	118-1	869562	842310	858528	856800	1.60	cps

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	CCV38	Instrumnet Name :	P8
Client Sample ID :	CCV38	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 17:03:23	DataFile Name :	047CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1957588	2061774	1974540	1997967	2.80	cps
Uranium	238-1	3085696	3028639	3068130	3060822	0.95	cps
Vanadium	51-2	262443	259216	257579	259746	0.95	cps
Ytterbium	172-1	100	108	92	100	8.33	cps
Ytterbium	172-2	61	28	78	56	45.82	cps
Ytterbium	176-1	4509	4826	4876	4737	4.20	cps
Ytterbium	176-2	5251	5218	5446	5305	2.32	cps
Yttrium	89-1	3368168	3452607	3419548	3413441	1.25	cps
Yttrium	89-2	403532	406904	408338	406258	0.61	cps
Zinc	66-2	558688	547774	543401	549954	1.43	cps
Zirconium	90-1	2026454	2081330	2102833	2070206	1.90	cps
Zirconium	91-1	450586	450366	452380	451110	0.24	cps

LB Number : LB124288 Operator : Jaswal
 Lab Sample ID : CCB38 Instrumnet Name : P8
 Client Sample ID : CCB38 Dilution Factor : 1
 Date & Time Acquired : 2023-02-24 17:09:55 DataFile Name : 048CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	94	115	104	104	10.21	cps
Antimony	121-1	225	300	417	314	30.77	cps
Arsenic	75-2	5	4	2	4	41.66	cps
Barium	135-1	33	83	33	50	57.75	cps
Barium	137-1	17	33	67	39	65.47	cps
Beryllium	9-1	194	194	195	194	0.37	cps
Bismuth	209-1	1797643	1788194	1846782	1810873	1.74	cps
Bismuth	209-2	951506	953077	803746	902776	9.50	cps
Boron	10-1	15073	14620	13672	14455	4.95	cps
Boron	11-1	63988	61465	60632	62028	2.82	cps
Bromine	81-1	29171	28719	29361	29084	1.13	cps
Cadmium	111-1	947	832	1002	927	9.35	cps
Cadmium	106-1	1325	1175	1358	1286	7.59	cps
Cadmium	108-1	8	4	4	6	43.22	cps
Calcium	43-1	146	150	152	150	2.10	cps
Calcium	44-1	7701	7674	7582	7652	0.81	cps
Carbon	12-1	3136773	3128842	3162250	3142622	0.56	cps
Carbon	12-2	35543	36137	35978	35886	0.86	cps
Chlorine	35-1	456027	453093	451849	453656	0.47	cps
Chlorine	35-2	3284	3259	3125	3223	2.64	cps
Chromium	52-2	233	250	247	243	3.62	cps
Cobalt	59-2	67	60	73	67	10.00	cps
Copper	63-2	410	390	480	427	11.08	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	17	0	25	14	91.65	cps
Erbium	164-2	10	13	13	12	15.73	cps
Gadolinium	160-1	33	17	0	17	99.99	cps
Gadolinium	160-2	43	40	33	39	13.09	cps
Holmium	165-1	2836078	2869559	2990621	2898753	2.80	cps
Holmium	165-2	1332450	1303859	1132358	1256222	8.61	cps
Indium	115-1	2494508	2489498	2499281	2494429	0.20	cps
Indium	115-2	401973	392873	333177	376007	9.94	cps
Iron	54-2	556	550	411	506	16.19	cps
Iron	56-2	3984	4034	3523	3847	7.33	cps
Iron	57-2	239	200	239	226	9.94	cps

LB Number :	LB124288	Operator :	Jaswal
Lab Sample ID :	CCB38	Instrumnet Name :	P8
Client Sample ID :	CCB38	Dilution Factor :	1
Date & Time Acquired :	2023-02-24 17:09:55	DataFile Name :	048CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	234	269	255	252	6.98	cps
Lead	206-1	406	483	372	420	13.56	cps
Lead	207-1	400	417	394	404	2.86	cps
Lead	208-1	1672	1761	1478	1637	8.85	cps
Lithium	6-1	2457673	2485207	2481253	2474711	0.60	cps
Magnesium	24-2	1067	825	717	869	20.61	cps
Manganese	55-2	160	140	117	139	15.61	cps
Molybdenum	94-1	142	192	233	189	24.30	cps
Molybdenum	95-1	258	375	258	297	22.66	cps
Molybdenum	96-1	375	300	225	300	25.00	cps
Molybdenum	97-1	142	108	158	136	18.70	cps
Molybdenum	98-1	392	467	367	408	12.75	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	33	37	40	37	9.10	cps
Phosphorus	31-2	108	100	100	103	4.68	cps
Potassium	39-2	26859	27343	27051	27084	0.90	cps
Rhodium	103-1	2313654	2391548	2403101	2369434	2.05	cps
Rhodium	103-2	1103378	1065227	886477	1018361	11.37	cps
Scandium	45-1	2015511	2038682	2017321	2023838	0.64	cps
Scandium	45-2	67977	66165	55551	63231	10.62	cps
Selenium	82-1	11	-29	-3	-7	-304.84	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	41	41	45	42	5.46	cps
Silicon	28-1	1245764	1220408	1257606	1241260	1.53	cps
Silver	107-1	125	175	100	133	28.64	cps
Silver	109-1	142	125	133	133	6.25	cps
Sodium	23-2	16643	17603	17728	17325	3.42	cps
Strontium	86-1	575	617	567	586	4.57	cps
Strontium	88-1	1750	2034	1708	1831	9.66	cps
Sulfur	34-1	359910	359968	362674	360851	0.44	cps
Terbium	159-1	2993126	3020670	2974649	2996148	0.77	cps
Terbium	159-2	1309419	1304818	1097854	1237364	9.77	cps
Thallium	203-1	358	358	350	356	1.35	cps
Thallium	205-1	642	608	550	600	7.73	cps
Tin	118-1	192	217	225	211	8.22	cps

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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	233	258	175	222	19.24	cps
Uranium	238-1	67	83	50	67	25.00	cps
Vanadium	51-2	0	10	7	6	91.64	cps
Ytterbium	172-1	33	0	8	14	124.91	cps
Ytterbium	172-2	0	11	0	4	173.21	cps
Ytterbium	176-1	400	308	408	372	14.91	cps
Ytterbium	176-2	3339	3206	3117	3221	3.47	cps
Yttrium	89-1	3610959	3520138	3460880	3530659	2.14	cps
Yttrium	89-2	403709	401045	335884	380213	10.10	cps
Zinc	66-2	103	57	83	81	28.86	cps
Zirconium	90-1	225	217	292	244	16.82	cps
Zirconium	91-1	33	25	100	53	77.89	cps